



REGULAR MEETING – WATER POLLUTION CONTROL AUTHORITY AGENDA

MARCH 17, 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. **PUBLIC HEARING**
 - A. Proposed Sewer Use Charges to be effective July 1, 2025 (notice included)
- IV. **ACCEPTANCE OF MINUTES**
 - A. Regular Meeting: February 18, 2025
- V. **PUBLIC PARTICIPATION**
- VI. **NEW BUSINESS**
 - A. Approve the Sewer User Rates to be Effective July 1, 2025.

- B. **Schedule Public Hearing on April 21, 2025, at 5:30 P.M. for proposed sanitary sewer extension for 2 Muller Avenue, Norwalk, CT.**
- C. **Discussion of Petition for sanitary sewer extension on Bouton Street, Norwalk, CT. (copy included)**

VII. OLD BUSINESS

A. Contract Operation Report:

- 1. Veolia Monthly Operating Report-February 2025 (copy included)
- 2. Major Repair or Replacement/ Out of Scope Items:
 - a. Keeler Brook Temporary Level Monitoring (copy included)

B. Reports:

- 1. FY 24/25 Revenues/Expenditures MUNIS Reports (copy included)

C. Discussion on WPCA Engineering Projects:

- 1. Beacon Street Sanitary Sewer
- 2. Catch Basin Disconnect Program
- 3. Hubbell's Lane Relief Sewer
- 4. Final Settling Tank- (copy included)

D. Discussion on WPCA Construction Projects:

- 1. Collection- Sammis and Bell Island Sewershed Rehabilitation

E. Sewer Use Appeals/Adjustments Update

F. Information Copies- None

VIII. DISCUSSION

UPCOMING MEETINGS

April 21, 2025, 5:30 P.M.

IX. ADJOURNMENT

LEGAL NOTICE

NOTICE IS HEREBY GIVEN that the Water Pollution Control Authority for the City of Norwalk will hold a Public Hearing on Monday, March 17, 2025, at 5:30 PM via By Video Conference and Teleconference on:

WATER POLLUTION CONTROL AUTHORITY
 City of Norwalk, Connecticut
 PROPOSED SEWER USER CHARGES
 To Be Effective July 1, 2025

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

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

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

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

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

Temporary Discharge	\$10.68 per 1,000 gallons	\$11.15 per 1,000 gallons
Industrial Pretreatment Program (IPP) Registration (includes industrial dischargers and food preparation establishments)	Fee is Waived	Fee is Waived
Industrial Pretreatment Program (IPP) Fees		
Administration Fee:	\$250.00	\$250.00
High Strength Surcharge Fee (sample results exceeding 250 mg/l for BOD and/or TSS, or 100 mg/l for O&G):	\$250.00	\$250.00
Noncompliance Fee:	\$500	\$500
<i>IPP Fee (Total):</i>		
<i>IPP Fee (\$) = Administrative Fee (\$) + High Strength Surcharge Fee (\$) (if applicable) + noncompliance fee (\$) (if applicable)</i>		
Late Payment Interest	1.5% per month or fraction thereof, 18% per annum	
Returned Check Fee	\$20	

Dated at Norwalk, Connecticut this 4th day of March 2025.

ATTEST: 
 Irene Dixon, City Clerk

**CITY OF NORWALK
WATER POLLUTION CONTROL AUTHORITY VIA ZOOM VIRTUAL
VIDEOCONFERENCE AND TELECONFERENCE
REGULAR MEETING
February 18, 2025**

Attendance: Darren Oustafine, Chairman
Chris Mannella
John Bove
Barbara Smyth
Heather Dunn

Staff: Vanessa Valadares, Chief of Operations and Public Works
Ralph Kolb, WPCA Senior Environmental Engineer
Nelya Bauer, Wastewater Systems Manager
Christine Pacelli, Wastewater Systems Manager
Darin Callahan, Asst. Corporation Counsel

Others: Trever Steeprook, Project Manager, Veolia, Inc.
Ross Gambino, Asst. Project Manager, Veolia, Inc.

I. PUBLIC HEARING

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

Mr. Oustafine opened the public hearing at 5:41 PM.

Mr. Oustafine closed the public hearing at 5:43 PM.

No one from the public commented.

II. CALL TO ORDER

Mr. Oustafine called the meeting to order at 5:43 PM. There was not a quorum present.

VII. OLD BUSINESS

A. Contract Operations Report

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

Mr. Steeprook reported that the Water Pollution Control Facility had a successful routine inspection from CDEEP in January, and minimal to no action was required. He said the inspections lasted two days. On the first day, they did a desk audit, and on the second day, they did a full plant walk-through.

Mr. Steeprook said that in January, the Veolia collections system team completed 1.07 miles of TV inspection, cleaned 1.18 miles of sewer lines, inspected 19 manholes, and inspected 1.23 miles of SL Rat. They also completed 1.93 miles of hot list cleaning and responded to five service calls. The IPP inspection program conducted 41 inspections.

Mr. Steeprook noted that they are working with WPCA staff to enhance the IPP program.

Mr. Steeprook said the facility's nitrogen performance in January was strong at 644 lbs. per day, and the Water Pollution Control Facility followed all permit requirements for January. The facility continues to run well even in cold temperatures, and the improvements made at the end of last year have proven beneficial.

Mr. Steeprook said the chlorine analyzers used to maintain the chlorine dosage were repaired and have been running more consistently.

Mr. Steeprook reported on the regulatory events and said the facility followed all permit requirements for January. All the reporting was completed and submitted to the CT-DEEP and the EPA.

Mr. Steeprook said they have backfilled the collections operator position internally and will be filling the utility worker position next.

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

B. Reports:

1. FY 24/25 Revenues/Expenditures MUNIS Reports (copy included)

There was no discussion.

C. Discussion on WPCA Engineering Projects:

1. Beacon Street Sanitary Sewer

Ms. Bauer said the staff is currently working with the consultant. They are finalizing 60% of the design drawings and specifications and expect to see them for review in the next few weeks.

D. Catch Basin Disconnect Program

Ms. Bauer said the catch basin disconnect program is currently on hold. They are waiting to hear back from CTDEEP, as it is part of the collections system master plan, which is currently under review.

E. Hubbell's Lane Relief Sewer (copy included)

Ms. Bauer said a task order for geotechnical services was signed with Brown and Caldwell. They plan to conduct twelve test pits to confirm utilities in the project area.

F. Final Settling Tank (copy included)

Ms. Pacelli said the project scope has been submitted to CTDEEP for Clean Water Fund eligibility in December and received their response last week that the project is eligible and will be proceeding with the next steps.

G. Discussion on WPCA Construction Projects:

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

Ms. Bauer said Brown and Caldwell signed a task order for additional inspection services. Insituform recently completed some lining work and continues with manhole rehabilitations and lateral grouting work.

H. Supervisory Control and Data Acquisition (SCADA) Updates

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

I. Sewer Use Appeals/Adjustments Update

Appeal Status:

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

J. Information Copies:
2024 CSO Report (copy included)

There was no discussion.

Ms. Dunn joined the meeting at 5:44 PM.

III. ROLL CALL

Mr. Oustafine called the roll, and all those listed in attendance were present, there was a quorum.

IV. ACCEPTANCE OF MINUTES

A. Regular Meeting: January 21, 2025

**** MS. SMYTH MOVED TO APPROVE THE MINUTES AS SUBMITTED.
** THE MOTION PASSED UNANIMOUSLY.**

V. PUBLIC PARTICIPATION

There were no public comments this evening.

VI. NEW BUSINESS

A. APPROVE THE SEWER USER RATES TO BE EFFECTIVE JULY 1, 2025

Mr. Oustafine noted that the rates presented by Woodard and Curran at the last meeting matched the financial model and what the commission discussed.

**** MR. BOVE MOVED TO APPROVE THE SEWER USER RATES TO BE EFFECTIVE
JULY 1, 2025.**

**** THE MOTION PASSED UNANIMOUSLY.**

****MR. BOVE MOVE TO SUSPEND THE RULES TO TAKE THE AGENDA OUT OF
ORDER.**

**** THE MOTION PASSED UNANIMOUSLY.**

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

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

**** THE MOTION PASSED UNANIMOUSLY.**

The executive session began at 6:00 PM.

The executive session ended at 6:10 PM.

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

**** MS. SMYTH MOVED TO APPROVE TO ENTER INTO NEW BUSINESS FOR THE
PURPOSE OF DISCUSSION AND ACTION ON PROPERTY ACQUISITION RELATED TO
THE KEELER BROOK PUMP STATION.**

**** THE MOTION PASSED UNANIMOUSLY.**

**** MR. BOVE MOVED TO AUTHORIZE THE CHAIRMAN OF THE WPCA OR HIS
DESIGNEE TO EXECUTE AND DELIVER ANY AND ALL AGREEMENTS, DOCUMENTS,
AND OTHER INSTRUMENTS NECESSARY TO PURCHASE, ACQUIRE AND/OR TAKE BY
EXERCISE OF EMINENT DOMAIN POWERS OF THE SUBJECT PROPERTY.**

WHEREAS THE WATER POLLUTION CONTROL AUTHORITY FOR THE CITY OF NORWALK HAS DETERMINED THAT IT IS NECESSARY TO ACQUIRE THE PROPERTY LOCATED 493 CONNECTICUT AVENUE, NORWALK, CONNECTICUT FOR SANITARY SEWER PURPOSES;

WHEREAS THE CITY OF NORWALK ACTING THROUGH ITS COMMON COUNCIL DURING ITS REGULAR MEETING ON FEBRUARY 11, 2025, BY AFFIRMATIVE VOTE OF A QUORUM AND ITS MEMBERS PRESENT AUTHORIZES THE PURCHASE ACQUISITION AND TAKING BY EXERCISE OF EMINENT DOMAIN POWER OF THE PROPERTY FOR SAID PURPOSES;

WHEREAS THE COMMON COUNCIL FURTHER AUTHORIZED AT SAID MEETING THAT MAYOR HARRY W. RILLING OR HIS DESIGNEE IS AUTHORIZED TO EXECUTE AND DELIVER ANY AND ALL AGREEMENTS, DOCUMENTS, AND OTHER INSTRUMENTS NECESSARY TO PURCHASE, ACQUIRE, AND/OR TAKE BY EXERCISE OF EMINENT DOMAIN POWERS THE PROPERTY;

NOW, THEREFORE, THE WPCA HEREBY AUTHORIZES:

- 1. THE PURCHASE ACQUISITION AND/OR TAKING BY EXERCISE OF EMINENT DOMAIN POWER OF THE PROPERTY FOR SANITARY SEWER PURPOSES AND TO FULLY FUND SUCH PURPOSE ACQUISITION AND/OR TAKING.**
- 2. AUTHORIZE THE WPCA CHAIRMAN DARREN OUSTAFINE OR HIS DESIGNEE TO EXECUTE AND DELIVER ANY AND ALL AGREEMENTS, DOCUMENTS, AND OTHER INSTRUMENTS NECESSARY TO PURCHASE, ACQUIRE, AND/OR TAKE BY EXERCISE OF EMINENT DOMAIN POWERS THE PROPERTY**

**** THE MOTION PASSED UNANIMOUSLY.**

VI. NEW BUSINESS

A. APPROVE THE PROPOSED FY 2025-26 OPERATING BUDGET (COPY ATTACHED)

Mr. Kolb said the operating budget included in the board package is almost identical to what was presented to the board last meeting, other than a few minor revisions that the finance department requested for fees that the city will be billing the WPCA for services by the city and the fees that the WPCA bills the city.

**** MR. MANELLA MOVED TO APPROVE THE PROPOSED FY 2025-26 OPERATING BUDGET.**

**** THE MOTION PASSED UNANIMOUSLY.**

B. APPROVE THE PROPOSED FY 2025-26 CAPITAL BUDGET (COPY INCLUDED)

Mr. Kolb said the capital budget numbers presented to the board last year have not changed.

**** MR. BOVE MOVED TO APPROVE THE PROPOSED FY 2025-26 CAPITAL BUDGET.**

**** THE MOTION PASSED UNANIMOUSLY.**

VIII. DISCUSSION

There were no discussion items this month.

X. ADJOURNMENT

**** MS. SMYTH MOVED TO ADJOURN.**

**** THE MOTION PASSED UNANIMOUSLY.**

The meeting was adjourned at 6:19 PM.

Respectfully submitted,

Dilene Byrd

March 12, 2025

Ref.: Bouton Street Sewer Line Extension

Petition from the following properties: 188, 186, 184, 182, 178, 172 1/2, 176, 176 1/2, A1Z7, 174, and 174 1/2

Dear Chairman Darren Oustafine,

We, the property owners at the end of Bouton Street in Norwalk respectfully submit this petition requesting the extension of the sewer line to the end of the street. This extension would allow us to connect our properties to the city sewer system.

Our septic systems are very old and nearing the end of their lifespan. Four of the properties listed above do not have sufficient space to rebuild or replace their existing septic systems. Additionally, recent heavy rainstorms have increased runoff water from Brian Mahon School, preventing proper soil drainage around our properties. This issue exacerbates the challenges we face with our aging septic systems.

In 2024, we conducted a B-100 soil test with the health department at 184 Bouton Street. The test failed due to a high-water table. If the current system fails, our only option would be to bring in a large amount of material to install a new system on top of the existing one, which would be very costly.

The owner of 188 Bouton Street is deeply concerned that the existing system may soon fail due to the increasing amount of rainwater in the swamp near his septic system.

We kindly ask for your consideration in assisting us with this matter. Please let us know what steps we, as a community, can take to help make this request a reality.

My name is Santos Martinez, and I reside at 184 Bouton Street. I am acting as the point of contact for the property owners and will provide any necessary information throughout this process. Please feel free to contact me at any time via phone or email:

(203) 984-2756

santos.t2111@gmail.com

Sincerely,

Santos Martinez

Norwalk Water Pollution Control Authority
Monthly Operating Report
February 2025

EXECUTIVE SUMMARY

February Highlights

- The Veolia collections system team completed .59 miles of TV inspection, 0 miles of sewer cleaning was completed, 19 Manhole Inspections, and .05 miles of SL Rat.
- Veolia completed 0 miles of Hot List cleaning.
- Veolia responded to 6 service calls.
- The IPP inspection program conducted 32 inspections.
- Primary Settling Tanks 3 & 5 were taken offline for cleaning and repairs.
- The facility's Nitrogen Performance for February was 634 lbs/day.

Regulatory Events

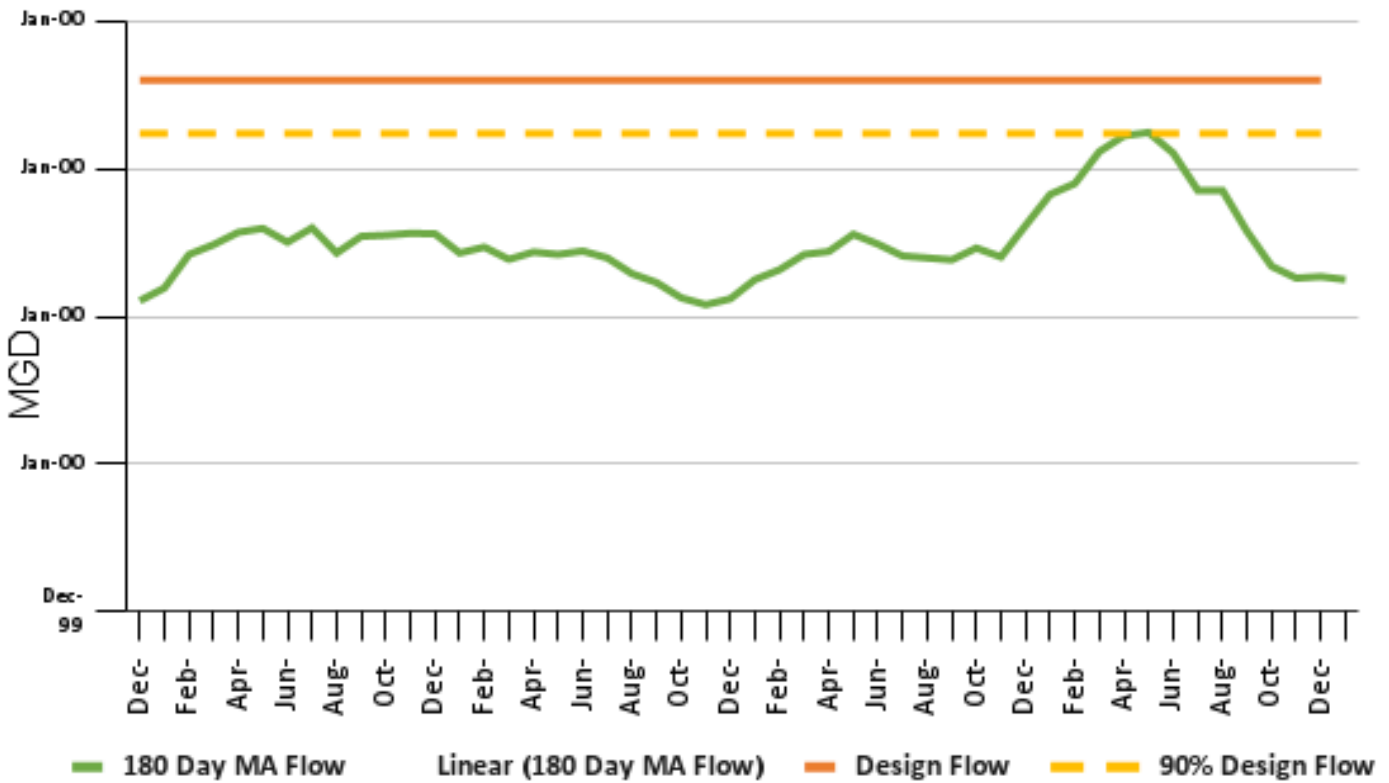
- The Water Pollution Control Facility followed all permit requirements for the month of February.
- The netDMR, MOR and NAR reports were submitted to CT-DEEP and EPA in February

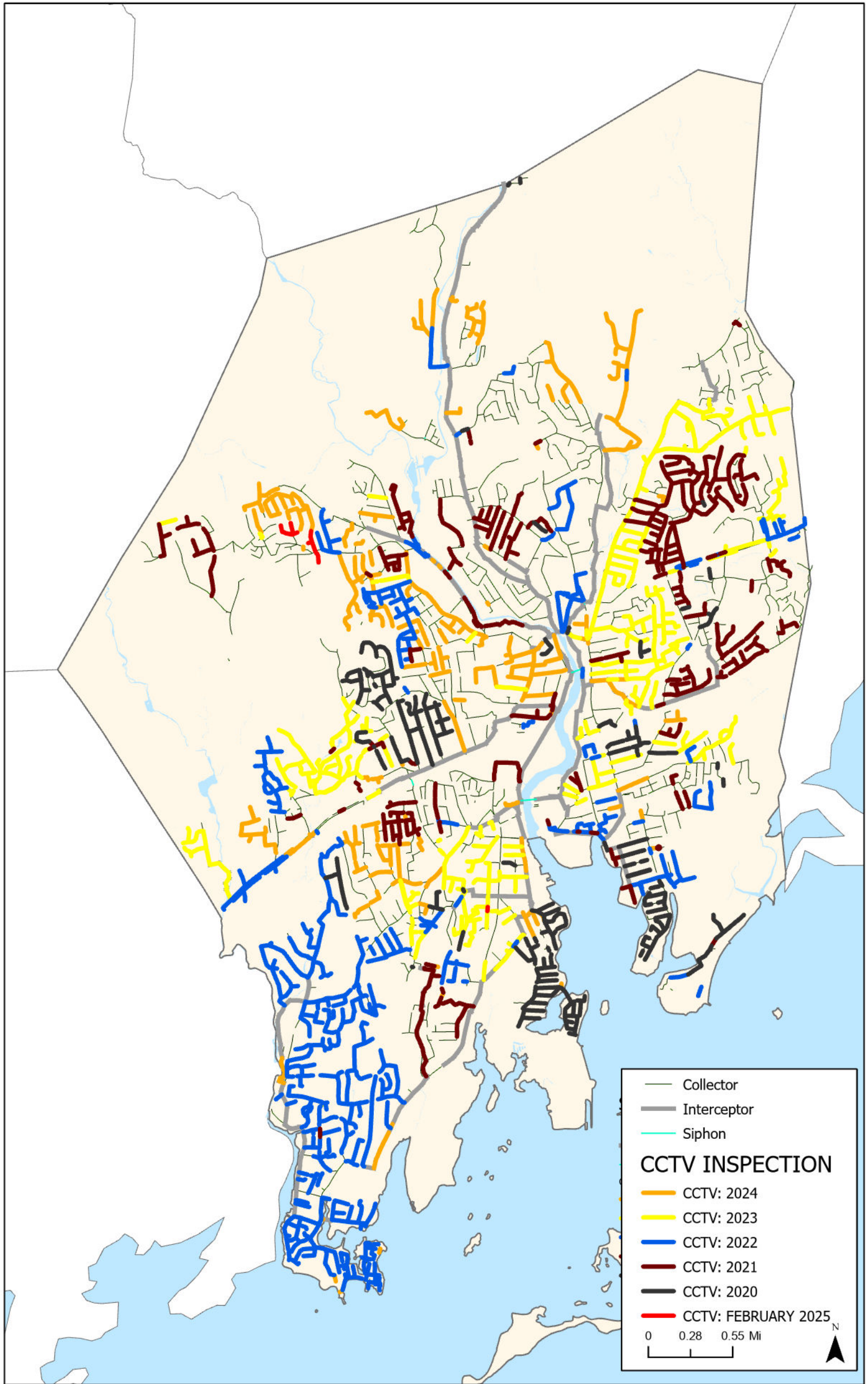
EXECUTIVE SUMMARY - Key Operational Parameters`

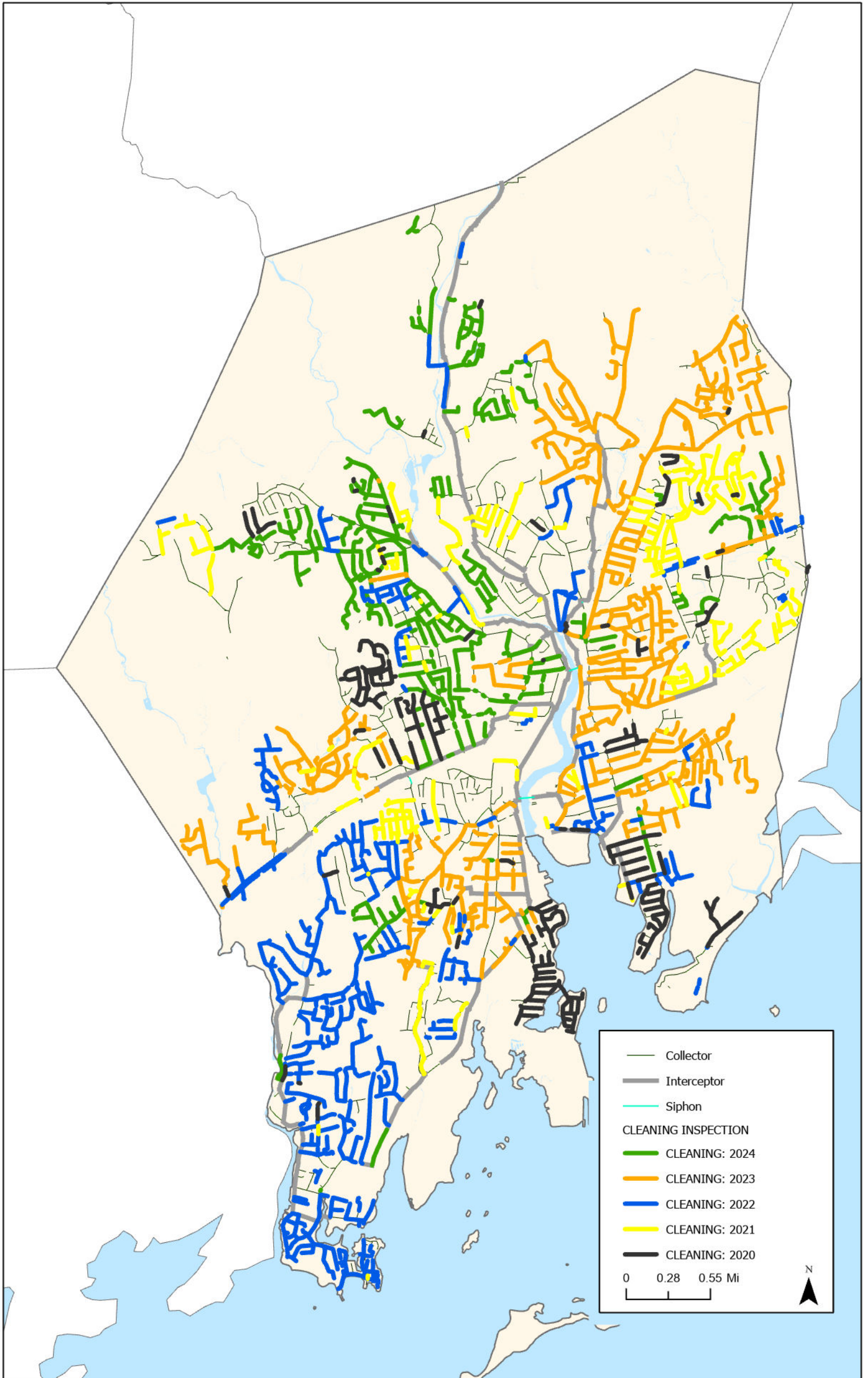
Parameter	Units	February Result	CYTD Result	Contract Limit
Average Daily Flow	MGD	11.4	n/a	n/a
180 Day Average Daily Flow	MGD	10.95	n/a	n/a
Effluent BOD	mg/l	5.2	n/a	10
Effluent TSS	mg/l	4.9	n/a	10
Effluent Fecal Coliform	# / 100 ml	3	n/a	10
Effluent Enterococci	# / 100 ml	13	n/a	30
Effluent Total Chlorine	mg/l	0.01	n/a	0.07
Effluent Total Nitrogen	lbs/day	634	n/a	1,000
Biosolids Quality (cake)	% solids	27	n/a	n/a
Biosolids Disposal (cake)	DT/month	221	n/a	n/a
Biosolids Disposal (liq)	DT/month	13	n/a	n/a
Biosolids Disposal (total)	DT/month	234	n/a	n/a
Grit and Screenings	WT/month	7	n/a	n/a
Chemicals – Hypochlorite	gal/month	4103	n/a	n/a
Chemicals – Bisulfite	gal/month	3561	n/a	n/a
Chemicals – Polymer	gal/month	700	n/a	n/a
Chemicals – Odor Control	gal/month	0	n/a	n/a
Sewer Cleaning	Miles	0.00	19.40	3 miles (avg)
CCTV Inspection	Miles	.59	10.14	2 miles (avg)
Odor Complaints	#	0	n/a	0
SL-RAT Inspection	Miles	.05	43.36	60 months
Manhole Inspections	#	22	274	50/m
IPP Inspections	#	32	272	Approx. 500/year

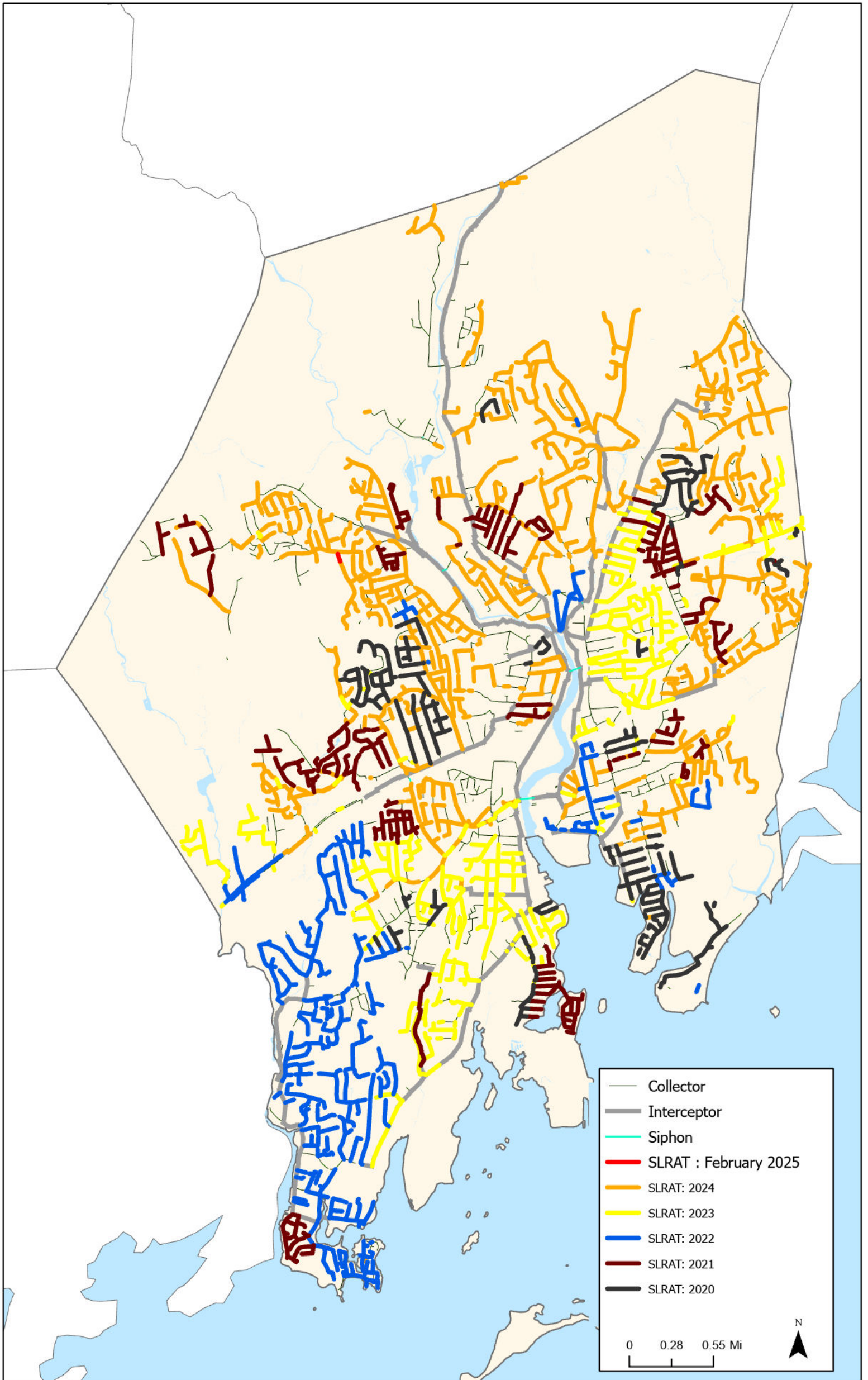
EXECUTIVE SUMMARY - Influent Flow

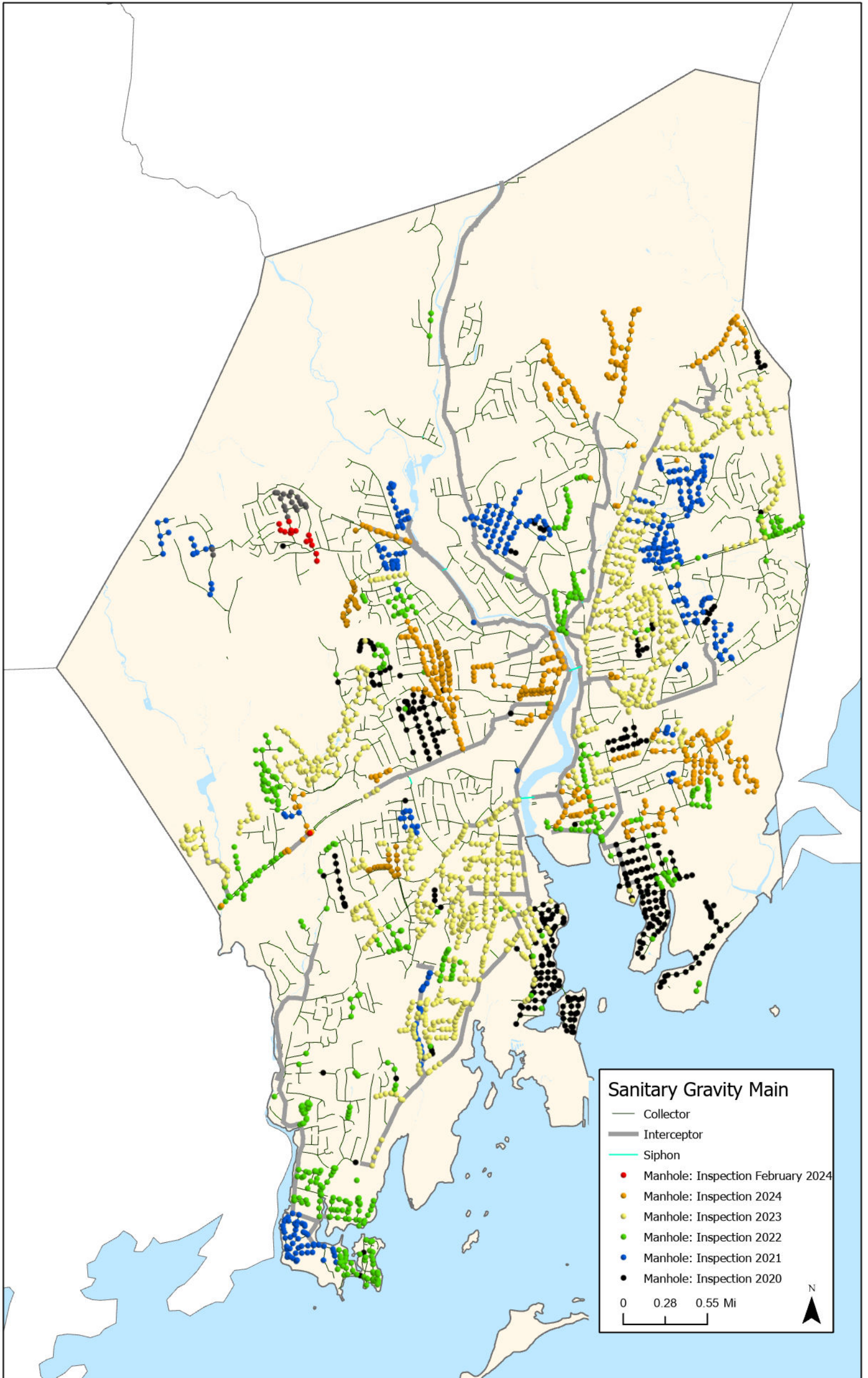
Influent Flow











Maintenance, Repair and Replacement (MRR) Approval Form

MRR Number: CY-05-011

Date: 3-5-25

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:

Install monitoring for the wet well level for the Keeler Brook pump station.

This includes the wet well level being added to the Scada system for the Keeler Brook pump Station.

2. Scope of Work:

Objective: Provide interim temporary control system at Keeler Brook Pumping Station to communicate Wetwell Level status only to WPCF Plantwide SCADA for use between now and commissioning of the Temp Control System.

Submersible Pressure/Level Transducer not included (provided by Veolia).

PLC equipment above is consistent with existing Norwalk Collections systems and will be reusable in the future as spares.

Radio system equipment and integration will be performed herein; however, it is included as part of the original temporary proposal, therefore not duplicated.

Labor and materials to install Aaron Associates (AA) temporary level control panel

Labor and materials to run 120V feeder to new AA panel from existing breaker in existing panel

Labor and materials to run cable on the ground from Veolia supplied submersible level sensor to new AA panel

Labor and materials to install 20' 2" rigid conduit on existing temp service frame for antenna

Labor and materials to run coaxial cable from new AA panel to antenna (coaxial cable and ends by AA)

3. Quotes: See Attached.

Aaron Associates quote \$14,145.00

Traver IDC quote \$4,830.00

4. Time Schedule:

The Company shall complete the work required by this MRR Approval Form within 30 calendar days of the date above.

5. Compensation:

Vendor / Subcontractor: Aaron Associates	\$14,145.00
Vendor / Subcontractor: Traver IDC	\$4,830.00
Contingency (10%):	\$1,897.50
Veolia Mark Up (15%):	\$3,130.88
Total Project Cost:	\$24,003.38

ISSUED AND AUTHORIZED BY:

Veolia

By: *Tom St*

Title: Project Leader

ACCEPTED AND AGREED TO BY:

Norwalk WPCA

By: *Ralph L. Koll*

Title: Sr. Environmental Engineer

YEAR-TO-DATE BUDGET REPORT

FOR 2025 '99

ACCOUNTS FOR:	WATER	POLLUTION	CONTROL	ORIGINAL APPROP	TRANFRS/ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
040 PUBLIC WORKS										
224062 WATER POLLUTION CONTROL										
224062 4051 INTEREST				-65,000	0	-65,000	-79,632.45	.00	14,632.45	122.5%
224062 4121 NITROGEN				-30,000	0	-30,000	-49,199.00	.00	19,199.00	164.0%
224062 4451 SEWER PERM				-1,500	0	-1,500	-1,000.00	.00	-500.00	66.7%
224062 4453 SEPTIC LIC				-1,200	0	-1,200	.00	.00	-1,200.00	.0%
224062 4513 SEWER CHRG				-18,747,000	0	-18,747,000	84,064.18	.00	-18,831,064.18	-.4%
224062 4516 SPT DIS FE				-175,000	0	-175,000	-159,595.00	.00	-15,405.00	91.2%
224062 4521 WILTON SU				-850,000	0	-850,000	-886,647.63	.00	36,647.63	104.3%
224062 4522 SEWER USE				-45,000	0	-45,000	-85,675.00	.00	40,675.00	190.4%
224062 452C INDUSTRIAL				-175,000	0	-175,000	-1,500.00	.00	-173,500.00	.9%
224062 452D SEWER CONN				-150,000	0	-150,000	-284,837.15	.00	134,837.15	189.9%
224062 452E IPP INTERE				-5,000	0	-5,000	-6,792.70	.00	1,792.70	135.9%
224062 4807 REIMB EXP				-1,000	0	-1,000	.00	.00	-1,000.00	100.0%
224062 489F REIMB GF				-139,806	0	-139,806	-139,806.00	.00	-1,000.00	100.0%
224062 4901 INV INCOME				-110,000	0	-110,000	-112,921.12	.00	2,921.12	102.7%
TOTAL WATER POLLUTION CONTROL				-20,495,506	0	-20,495,506	-1,723,541.87	.00	-18,771,964.13	8.4%
TOTAL PUBLIC WORKS				-20,495,506	0	-20,495,506	-1,723,541.87	.00	-18,771,964.13	8.4%
TOTAL WATER POLLUTION CONTROL				-20,495,506	0	-20,495,506	-1,723,541.87	.00	-18,771,964.13	8.4%
TOTAL REVENUES				-20,495,506	0	-20,495,506	-1,723,541.87	.00	-18,771,964.13	

YEAR-TO-DATE BUDGET REPORT

FOR 2025_99

ACCOUNTS FOR:	ORIGINAL APPROP	TRANSFRS/ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
22 WATER POLLUTION CONTROL							
040 PUBLIC WORKS							
224062 WATER POLLUTION CONTROL							
224062 5110 WAGES & SA	706,026	0	706,026	392,114.09	.00	313,911.91	55.5%
224062 5120 WAGES & SA	100,000	0	100,000	3,094.86	.00	96,905.14	3.1%
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	1,080,658.59	493,727.58	33,013.83	97.9%
224062 5245 TELEPHONE	2,000	0	2,000	361.60	.00	1,638.40	18.1%
224062 5252 LEGAL SERV	250,000	0	250,000	110,242.50	39,757.50	100,000.00	60.0%
224062 5258 OMT	10,795,100	692,522	11,487,622	7,018,283.06	4,469,338.86	8,897.75	72.2%
224062 5286 BUSINESS E	32,000	0	32,000	14,157.63	8,944.62	11,703.76	41.5%
224062 5295 SEMINAR&CO	20,000	0	20,000	8,296.24	.00	234,780.00	7.7%
224062 5298 OTHER	250,000	4,500	254,500	3,020.00	16,700.00	.00	100.0%
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	377,732.29	88.4%
224062 5521 PRINCIPAL	3,248,691	0	3,248,691	2,870,958.71	.00	59,251.95	96.9%
224062 5522 INTEREST	1,887,129	0	1,887,129	1,827,877.05	.00	-48,170.00	100.0%
224062 5523 BOND EXP	0	0	0	48,170.00	.00	28,845.22	51.9%
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	31,154.78	.00	261,095.00	.0%
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	14,638,826.61	5,028,468.56	1,525,232.75	92.8%
TOTAL PUBLIC WORKS	20,495,506	697,022	21,192,528	14,638,826.61	5,028,468.56	1,525,232.75	92.8%
TOTAL WATER POLLUTION CONTROL	20,495,506	697,022	21,192,528	14,638,826.61	5,028,468.56	1,525,232.75	92.8%
TOTAL EXPENSES	20,495,506	697,022	21,192,528	14,638,826.61	5,028,468.56	1,525,232.75	92.8%

PROFESSIONAL SERVICES TASK ORDER

Task Order Number: 13
Task Order Date: February 28, 2024

Subject to the AGREEMENT FOR ON-CALL ENGINEERING SERVICES BY AND BETWEEN WATER POLLUTION CONTROL AUTHORITY OF THE CITY OF NORWALK AND ARCADIS U.S., INC. (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: 30271587
Project Name: WPCF Final Settling Tanks Upgrade
Description: Engineering services to implement the design and bid assistance of upgrades to the Final Settling Tanks at the Norwalk WPCF

2. Scope of Work:

The Scope of Work to be performed hereunder consists of providing Engineering Services relating to upgrades to the Final Settling Tanks at the Norwalk WPCF and is more fully described in Exhibit A.

3. Time Schedule:

Engineer shall complete the work required by this Task Order by June 30, 2026.

4. Compensation:

Engineer shall be paid for the proper performance of services described in this Task Order a Not-to-Exceed amount of Nine Hundred Ninety-Four Thousand Six Hundred Thirty-Two and 00/100 (\$994,632.00) Dollars. Payments shall be made based on work performed and invoices will be prepared on a monthly basis.

5. Special Conditions:

This Task Order is subject to the special provisions stated in Exhibit B, attached hereto and incorporated herein as if fully set forth herein.

6. Amendment: This Task Order amends a previously executed Task Order: N/A

Previous Task Order Number: N/A Previous Task Order Date: N/A

ISSUED AND AUTHORIZED BY:
WPCA

ACCEPTED AND AGREED TO BY:
ARCADIS US, INC.

By: Ralph Z. Koll

By: Vanessa McPherson

Title: Senior Environmental Engineer

Title: Associate Vice President

PROFESSIONAL SERVICES TASK ORDER
Task Order Number: 13

Exhibit A: Scope of Work and Fee Schedule (consisting
of 10 pages)

Exhibit B: Special Conditions - None

EXHIBIT A

WATER POLLUTION CONTROL AUTHORITY FOR THE CITY OF NORWALK

Water Pollution Control Facility On-Call Engineering Services

Task Order No. 13

WPCF FINAL SETTLING TANKS UPGRADE

The following Scope of Work and Fee Schedule for Task Order No. 13 WPCF Final Settling Tanks Upgrade is provided in accordance with the Agreement for On-Call Engineering Services (Agreement) by and between Water Pollution Control Authority of the City of Norwalk (WPCA) and Arcadis US, Inc. (Arcadis).

Scope of Work

As part of Task Order No. 10, a Facility Plan Update for the Norwalk WPCF (Plant) was prepared and outlined improvements to the Final Settling Tanks (FSTs). The existing four 110-foot diameter concrete FSTs and associated collection mechanisms were constructed in the late 1990's. Each FST is equipped with a single suction header clarifier mechanism. The FSTs have experienced issues with high sludge blankets, poor sludge settling, uneven flow distribution between the tanks, algae growth in weirs and overflow launders, and excessive scum buildup. In addition, the building systems associated with the Return Sludge Pump Station (RSPS) are in need of improvements.

This Task Order includes a design phase which will expand upon the previously developed *Final Settling Tanks Improvements Technical Memorandum* (prepared as part of the Facility Plan Update) and provide details on new spiral scraper collection mechanism equipment, new energy dissipating inlet (EDI), replacement Stamford baffle, new effluent launder covers, and modifications to the FST center column (as necessary) to support the new mechanism equipment. The design will also include structural repairs of the concrete FSTs and associated RSPS, architectural, electrical, and I&C improvements to support the new equipment and building repairs, and an upgrade of the existing HVAC system within the RSPS. A Basis of Design Report (BODR), drawings, a full project manual including Technical Specifications, and an Opinion of Probable Construction Cost will be developed during the design phase. Prior to BODR development, a conditions assessment and sustainable building systems analysis will be conducted to confirm scope and select the most sustainable and cost-effective building design. Workshops will occur throughout the design to update the WPCA and Contract Operations (Veolia) on progress and allow for comments and open discussions. Following all workshops, meeting minutes and attendance logs will be provided for record.

During the bid phase, Arcadis will assist the WPCA by participating in a pre-bid meeting, responding to Bidder's questions and preparing Addendum.

Task A – Workshops:

Arcadis will coordinate and lead workshops with participation of WPCA and Veolia at design milestones as follows:

- One (1) Task Order kickoff workshop to review scope and design schedule.
- One (1) Pre-BODR workshop to present pre-BODR activities and determine design direction for BODR.

- One (1) 30% / BODR workshop to present design recommendations.
- One (1) 60% workshop to present design recommendations.
- One (1) 90% workshop to present design recommendations.

Task B – Design:

Arcadis will provide design phase services to implement the scope of work described in this Exhibit A. Design will be completed in 30% (BODR), 60%, 90%, and 100% phases. These phases are described in more detail below.

30% Design (BODR):

- Pre-BODR activities:
 - Perform site visits to review existing conditions for scope of work areas and make final scope recommendations.
 - Perform computational fluid dynamics (CFD) modeling to evaluate proposed FST features (including, but not limited to: EDI, mid-radius baffle, and Stamford baffle).
 - Conduct a code compliance evaluation and identify deficiencies based on current building code.
 - Complete a Sustainable Building Systems Analysis:
 - HVAC system analysis for the following alternatives:
 - Replace-in-kind (fuel oil and hot water system)
 - Electric system(s):
 - Electric boiler and hot water system
 - Heat pumps and hot water system
 - Electric air handling unit
 - Roofing system replacement for the following alternatives:
 - Replace-in-kind with energy code compliant insulation
 - Extensive Green roof
 - Photovoltaic panels
 - Compile recommendations for resiliency measures such as floodproofing and elevating critical equipment.
- BODR:
 - Outline the design criteria for all disciplines.
 - Present preliminary figures, drawing list, and specification list.
 - Present a preliminary construction schedule and AACE Class 4 engineer’s opinion of probable construction cost (EOPCC).

60% Design:

- Prepare review sets of design Contract Documents, including Drawings and Technical Specifications.
- Update the construction schedule and provide an AACE Class 2 EOPCC.

90% Design:

- Update review sets of design Contract Documents, including Drawings, Technical Specifications, and “Front End” documents.
- Update the construction schedule and provide an AACE Class 1 EOPCC

100% Design:

- Provide final signed and sealed sets of design Contract Documents, including Drawings, Technical Specifications, and “Front End” documents.

The scope used to develop the level of effort for design is summarized by discipline below. A preliminary drawing list is also included as Attachment 1.

Mechanical:

- Replace existing FST collection mechanisms (and associated drives) with new spiral sludge header mechanisms.
- Provide new effluent launder covers, V-notch effluent weir, and in-tank baffles as recommended by the CFD modeling effort (Stamford baffle, EDI, etc.).
- Outline cleaning and inspection procedures of the RAS suction piping and Scum piping (to be performed during construction). Extents to be coordinated with the WPCA and Contract Operations.
- Evaluate RAS, WAS, and Scum Pumps for compatibility with the updated collection mechanisms.
- Mechanical scope not included:
 - RAS, WAS, and Scum Pump replacement. Arcadis assumes that the updated collection mechanisms will not increase overall sludge and scum production.
 - Splitter box hydraulic evaluation and associated slide gate replacement.

Architectural:

- Evaluate doors and hardware for replacement, as necessary.
- Replacement of roofing system with approved recommendation selected during BODR phase.
- Rehabilitation of existing interior and exterior masonry, as necessary.
- Repainting of interior spaces.
- Evaluation of floor for re-finishing, as necessary.
- Evaluation of exterior handrails, guardrails, and stair features with replacement, as necessary.
- Any scope items identified during the pre-BODR code compliance evaluation that are beyond the scope list included herein will be presented for the WPCA's consideration.

Structural:

- Perform visual inspection of the interior of one FST, the exterior of four FSTs, and associated FST decking and walkways, to identify and quantify repairs or replacement, as necessary.
 - Interior inspection assumes that a ladder is available for use on site and the tank is drained, hosed down, and dry.
 - Destructive testing (i.e. concrete cores) is not included.
- Perform visual inspection of RSPS and identify concrete repair types and quantities, as necessary.
- Perform structural analysis of the existing roof to confirm compatibility with approved roofing system recommendation.

HVAC:

- Replacement of the existing RSPS HVAC system with approved recommendation selected during BODR phase.

Plumbing / Fire Protection:

- Evaluate piping, sink(s), floor drains, and sprinklers for replacement, as necessary.
- Replacement of electric hot water heater.
- Replacement of sump pumps in kind.

Electrical:

- Replacement of MCC-RSPS in staged sequence.
- Replacement of feeders (conductors) from switchboards SB-SFN and SB-SFS (in the Electrical Substation Building) to MCC-RSPS.
- Replacement of all conduit and wire associated with the MCC-RSPS including subgrade duct banks as needed for FST equipment.
- Replacement of indoor lighting with LED-type lighting.
- Evaluation of external lighting with replacement, as necessary.
- Provision of temporary power for the RSPS and FSTs.
- Does not include fire alarm upgrades/improvements.

Instrumentation & Controls:

- Replacement of RSCP and provision of a new network interface panel.
- Replacement of instruments, wiring, and conduit for FST collection mechanisms.
- Replacement of control conduit and wire as needed to tie into the new RSCP.
- Demolition of existing bubbler system and associated compressor.

Task C – Bid Assistance:

Arcadis will assist during project bidding, including preparation of one pre-bid meeting agenda, attendance at the pre-bid meeting, development of pre-bid meeting minutes, development of responses to Bidder’s questions, preparation of two Addendum to the Contract Documents, and preparation of a bid evaluation letter addressed to the WPCA.

Project Schedule:

All work shall be completed within the number of months indicated below, for a total duration of 15 months* from Notice to Proceed (assumes NTP in October 2024).

- Tasks A, B – Workshops / Design: 12 Months
- Task C – Bid Assistance: 3 Months

*Durations does not reflect periods for CTDEEP review.

Fee Schedule:

Attached, please find the fee schedule for the services outlined above.

If WPCA is pursuing Clean Water Funding, there may be a requirement for Value Engineering. The cost associated with Value Engineering is not included in this proposal.

This project will be added as a Task Order under the existing On-Call agreement in place between Arcadis and the WPCA, with fees invoiced on Time and Materials Basis, not to exceed the Task Order Value.

City of Norwalk WPCA
 Norwalk WPCF On-Call Engineering Services
 Task Order No. 13
 WPCF Final Settling Tanks Upgrade
 Arcadis Design Services - Detailed Labor Hours

FEE SCHEDULE

		Labor Hours ¹										Total Budget
		Engineer / Director	Principal Engineer	Senior Engineer II	Senior Engineer I	Project Engineer	Staff Engineer	Engineer	Project Assistant	GEC ²	Total Hours	
TASK	DESCRIPTION	\$ 260.00	\$ 244.00	\$ 206.00	\$ 186.00	\$ 170.00	\$ 158.00	\$ 128.00	\$ 108.00	\$ 80.00		
A	Workshops	28	28	42	-	-	-	60	-	-	158	\$ 30,444.00
B	Design	248	1,188	567	221	270	114	553	46	1,440	4,647	\$ 767,124.00
C	Bid Assistance	8	62	30	14	14	-	76	8	60	272	\$ 43,764.00
SUBCONSULTANTS												
NASCO - Cost Estimate Services (WBE)												\$ 53,550.00
ELECSYS - Electrical Design (MBE)												\$ 99,750.00
TOTAL HOURS		284	1,278	639	235	284	114	689	54	1,500	5,077	
TOTAL COST		\$ 73,840.00	\$ 311,832.00	\$ 131,634.00	\$ 43,710.00	\$ 48,280.00	\$ 18,012.00	\$ 88,192.00	\$ 5,832.00	\$ 120,000.00		\$ 994,632.00

1. The existing On Call category rates were escalated from the 2022 rates using the Consumer Price Index (CPI). See Attachment 2 for all escalated category rates.
2. A new category was created for use of the Arcadis Global Excellence Center (GEC) for model development and drafting assistance in support of this project.

To maintain eligibility for Clean Water Funding, 5% WBE participation and 10% MBE participation is reflected in the pricing presented.

WATER POLLUTION CONTROL AUTHORITY FOR THE CITY OF NORWALK

Water Pollution Control Facility On-Call Engineering Services

Task Order No. 13

WPCF FINAL SETTLING TANKS UPGRADE

ATTACHMENT 1 – PRELIMINARY DRAWING LIST

Water Pollution Control Authority for the City of Norwalk
Water Pollution Control Facility On-Call Engineering Services
Task Order No. 13
WPCF FINAL SETTLING TANKS UPGRADE

Attachment 1 - Preliminary Drawing List

Discipline	Sheet	Drawing Count	Title
General	G-1	1	Cover
	G-2	2	Drawing Index
	G-3	3	Overall Site Plan
	G-4	4	Project Plan and Staging Area(s)
	G-5	5	General Details (Excavation, Paving, etc.)
Architectural	A-1	6	Architectural - Code and Signage Notes and Plan
	A-2	6	Life Safety - Lower and Upper Plan
	A-3	7	Return Sludge Pump Station - Lower and Upper Demo Plan
	A-4	8	Return Sludge Pump Station - Roof Demo Plan
	A-5	9	Return Sludge Pump Station - Demo Exterior Elevations
	A-6	10	Return Sludge Pump Station - Lower Plan
	A-7	11	Return Sludge Pump Station - Upper Plan
	A-8	12	Return Sludge Pump Station - Roof plan
	A-9	13	Return Sludge Pump Station - Exterior Elevations
	A-10	14	Return Sludge Pump Station - Sections
	A-11	15	Return Sludge Pump Station - Interior Elevations
	A-12	16	Details 1 - Roof
	A-13	16	Details 2 - Openings
	A-14	17	Details 3 - Firestopping and Sealants
	A-15	18	Details 4 - Railing
		A=16	19
Structural	S-1	20	Structural - Legend, Symbols, Abbreviations, and General Notes
	S-2	21	FST Crack Layout and Repair Quantities
	S-3	22	RSPS Crack Layout and Repair Quantities
	S-4	23	Typical Concrete Repair Details
	S-5	24	Misc. Details
Mechanical	M-1	25	Mechanical - Legend, Symbols, Abbreviations, and General Notes
	M-2	26	FSTs - Demo Plan 1
	M-3	27	FSTs - Demo Plan 2
	M-4	28	FSTs - Demo Partial Plans / Sections 1
	M-5	29	FSTs - Demo Partial Plans / Sections 2
	M-6	30	FSTs - Plan 1
	M-7	31	FSTs - Plan 2
	M-8	32	FSTs - Partial Plans / Sections 1
	M-9	33	FSTs - Partial Plans / Sections 2
	M-10	34	Details 1
	M-11	35	Details 2
	M-12	36	Details 3
HVAC	H-1	37	Symbols, Abbreviations and Notes
	H-2	38	Return Sludge Pump Station Upper Level - Demolition Plan
	H-3	39	Return Sludge Pump Station Lower Level - Demolition Plan
	H-4	40	Return Sludge Pump Station Hot Water Piping Schematic - Demolition Plan
	H-5	41	Return Sludge Pump Station Fuel Oil Piping Schematic - Demolition Plan
	H-6	42	Return Sludge Pump Station Upper Level
	H-7	43	Return Sludge Pump Station Lower Level
	H-8	44	Return Sludge Pump Station Hot Water Piping Schematic
	H-9	45	Return Sludge Pump Station Fuel Oil Piping Schematic
	H-10	46	Schedules
	H-11	47	Details
Plumbing	P-1	48	Symbols, Abbreviations and Notes
	P-2	49	Pump Station Upper Level
	P-3	50	Pump Station Lower Level
	P-4	51	Riser Diagrams

Water Pollution Control Authority for the City of Norwalk
Water Pollution Control Facility On-Call Engineering Services
Task Order No. 13
WPCF FINAL SETTLING TANKS UPGRADE

Attachment 1 - Preliminary Drawing List

Discipline	Sheet	Drawing Count	Title
	P-5	52	Schedules
	P-6	53	Details I
	P-7	54	Details II
Fire Protection	FP-1	55	Symbols, Abbreviations and Notes
	FP-2	56	Pump Station Upper Level
	FP-3	57	Pump Station Lower Level
	FP-4	58	Riser Diagram
	FP-5	59	Details
Electrical	E-1	60	Electrical - Legend, Symbols, Abbreviations, and General Notes
	E-2	61	Site Plan
	E-3	62	Staging - One Line Diagram
	E-4	63	Staging - Plan
	E-5	64	One Line Diagram
	E-6	65	Return Sludge Pump Station - Demo Plan 1
	E-7	66	Return Sludge Pump Station - Demo Plan 2
	E-8	67	FSTs - Demo Plan 1
	E-9	68	Return Sludge Pump Station - Power Plan 1
	E-10	69	Return Sludge Pump Station - Power Plan 2
	E-11	70	FSTs - Power Plan
	E-12	71	Return Sludge Pump Station - Lighting Plan 1
	E-13	72	Return Sludge Pump Station - Lighting Plan 2
	E-14	73	FSTs - Lighting Plan
	E-15	74	MCC Front Views
	E-16	75	Details I
	E-17	76	Details II
	E-18	77	Control Schematics
	E-19	78	Panel Schedules
Instrumentation	I-1	79	Symbols and Legend
	I-2	80	Network/Block Diagram
	I-3	81	RSCP Panel Layout
	I-4	82	RSCP Panel Details I
	I-5	83	RSCP Panel Details II
	I-6	84	Level Sensor Replacement Detail
	I-7	85	FST P&ID
	I-8	86	FST Instrument Details

WATER POLLUTION CONTROL AUTHORITY FOR THE CITY OF NORWALK

Water Pollution Control Facility On-Call Engineering Services

Task Order No. 13

WPCF FINAL SETTLING TANKS UPGRADE

ATTACHMENT 2 – ESCALATED ON CALL CATEGORY RATES

Water Pollution Control Authority for the City of Norwalk
Water Pollution Control Facility On-Call Engineering Services

Task Order No. 13

WPCF FINAL SETTLING TANKS UPGRADE

Attachment 2 - Escalated On Call Category Rates

Category	2022 Billable Rate (\$)	2024 Amended Billable Rate (\$)*
Engineer/Scientist Director	\$ 242.00	\$ 260.00
Principal Engineer/Scientist/Architect	\$ 228.00	\$ 244.00
Senior Engineer/Scientist/Architect II	\$ 192.00	\$ 206.00
Senior Engineer/Scientist/Architect/ Resident Project Representative I	\$ 174.00	\$ 186.00
Senior Modeler	\$ 172.00	\$ 184.00
Project Engineer/Scientist/Architect	\$ 159.00	\$ 170.00
Staff Engineer/Scientist/Architect	\$ 148.00	\$ 158.00
Senior Designer/GIS Analyst/Resident Project Representative I	\$ 140.00	\$ 150.00
Designer / Modeler	\$ 127.00	\$ 135.00
Engineer/Scientist II	\$ 120.00	\$ 128.00
Project Assistant	\$ 102.00	\$ 108.00
Engineer/Scientist I	\$ 99.00	\$ 105.00
Field Technician II	\$ 92.00	\$ 98.00
Field Technician I	\$ 81.00	\$ 87.00
Invoice Specialist/GEC Data Technician Grade 8	N/A**	\$ 80.00
Invoice Specialist/GEC Data Technician Grade 7	N/A**	\$ 50.00
Invoice Specialist/GEC Data Technician Grade 6	N/A**	\$ 30.00
Invoice Specialist/GEC Data Technician Grade 5	N/A**	\$ 25.00

*Reflects 3.8% increase for 2023 and 3.6% increase for 2024 in accordance with the Consumer Price Index.

**New rate categories have been added.