

AGENDA

DATE: Monday, October 21, 2024

TIME: 5:30 PM

PLACE: **By Video Conference and Teleconference**

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

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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.

WPCA Regular Meeting:

1. Call to Order
2. Public Input - (Guests at WPCA meetings may speak to any item on the agenda. Comments shall be limited to no more than three (3) minutes per speaker.)
3. Approve the minutes from the WPCA Meeting held on September 16, 2024. (copy included)
4. Approve upgrading the open Assistant Civil Engineer position to a Wastewater Systems Manager position in the FY 2024-25 WPCA Operating Budget (copy included).
5. Authorize the Chief of Operations and Public Works to issue orders on contract with Grasso Construction for RD2024-3 Beacon Street Curbs and Sidewalks Project for an amount not to exceed \$75,000.

Account No. 09244062-5777-C0361

6. Contract Operations Report:
 - a. Veolia Monthly Operating Report – September 2024 (copy included)
 - b. Nitrogen Performance 2023
 - c. Major Repair or Replacement / Out of Scope Items:
 - 1) Building No.2 Floor Improvements (copy included)
7. Reports:
 - a. FY24/25 Revenues/Expenditures MUNIS Reports (copies included)
 - b. Facility Plan Update
 - c. WPCA public entrance and office space layout enhancement
 - d. Discussion on WPCA Engineering Projects:
 - 1) Beacon Street Sanitary Sewer
 - 2) Catch Basin Disconnect Program
 - 3) Hubbell's Lane Relief Sewer
 - e. Discussion on WPCA Construction Projects
 - 1) Keeler Brook PS Replacement
 - 2) Collection – Sammis and Bell Island Sewershed Rehabilitation (copy Included)
 - f. Sewer Use Bill Appeals/Adjustments Update
 - 1) Appeal status
 - g. Information Copies:
 - 1) Nitrogen Program – 2023 (copy included)
8. Adjournment

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

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

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

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

Others: Trever Steeprock, Project Manager, Veolia, Inc.
Ross Gambino, Asst. Project Manager, Veolia, Inc.
Dave Connors, Regional Manager, Veolia Inc.

1. CALL TO ORDER

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

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

There were no public comments this evening.

3. APPROVE THE MINUTES FROM THE WPCA MEETING HELD ON MAY 20, 2024

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

4. INTRODUCTION OF TREVOR STEEPROCK, VEOLIA PROJECT MANAGER

Mr. Connors introduced Mr. Steeprock and said he has recently been promoted to the Project Manager position for Norwalk, and he has worked closely in the Danbury project for quite some time and is thrilled to have him onboard.

Mr. Steeprock said he holds a Bachelor of Science in chemistry and environmental science and a Connecticut grade four operator's license. He had been at the Danbury facility for just under 10 years and was the assistant manager, and he is excited to be in Norwalk and have a good partnership with the city.

Mr. Connors said that Mr. Gambino has passed his class three certification and extended congratulations to him.

Ms. Valadares thanked the WPCA board for being patient during the transition with personnel and staff is happy with the changes that Veolia did related to personnel, and congratulated Mr. Gambino for passing his test, and welcomed Mr. Steeprock to the team.

The WPCA board congratulated both Mr. Steeprock and Mr. Gambino.

5. AUTHORIZE THE CITY OF NORWALK'S PURCHASING AGENT TO AUTHORIZE A SOLE SOURCE PURCHASE ORDER TO KOVACS CONSTRUCTION CORPORATION FOR EMERGENCY RESPONSE SERVICES RELATED TO THE AUGUST 18, 2024, STORM EVENT FOR AN AMOUNT NOT TO EXCEED \$300,000.

ACCOUNT NO. 09204062-5777-C0360

Mr. Kolb said on August 18, 2024, there was a major storm event that averaged 4" to 7" of rain and unfortunately lost the Keeler Brook pump station and the Veolia team and the WPCA team had reached out to multiple vendors to provide emergency services. He said Veolia immediately notified WPCA staff and took action and was a very impressive process with the team.

Mr. Frayer asked what the 300,000 will be used for. Mr. Kolb said that staff is working on the emergency procurement with two contractors for the replacement of the pump station, and currently Kovacs has been providing onsite support and is providing temporary power to the pump station and installed temporary fencing to secure the site and believes the \$300,000 will be more than enough to cover their expenses. Mr. Mannella asked if the cost for the Godwin pumps is also included in the \$300,000. Mr. Kolb said the initial bypass was under the Veolia contract so they will be putting an invoice together and he believes the rental fee for the Godwin pumps is approximately \$30,000 per month based on the preliminary invoicing and FEMA has already been to the site to inspect and staff will be submitting everything to them for consideration. Ms. Valadares said there will be other costs related to the pumps running for the bypass but don't have the contract with Kovacs to continue to pay them for the work they are providing so that's the \$300,000 that is being requested and the work that Veolia is providing is covered under the contract with them. Mr. Frayer asked how much more in costs are being incurred to keep the pump station running. Ms. Valadares said \$30,000 per month for the Godwin pumps plus the diesel costs and are assuming a cost of \$25,000 per month for the fuel but are looking to see if there are electrical pumps available which would change the monthly costs significantly, and the goal is to break ground ASAP because the bypass will need to be running until the new pump station is built. Mr. Frayer asked what the estimated time is to run the bypass. Ms. Valadares said two years. Mr. Kolb said that staff is looking at purchasing the pumps so as

not to pay the rental fee and would just need to pay the electrical costs. Ms. Valadares said the positive thing is that this failure was caused by a major storm event staff is trying to secure FEMA funding and are tracking all the expenses. Mr. Kolb said they have also put a claim in with the city's insurance.

Mr. Igneri asked if any other pump stations may have the same issues. Ms. Valadares said "no" and this station was at the highest risk and staff was aware of that but the reason the pump station has not been replaced is because the city could not get into an agreement with Eversource regarding the easement. She said the design for the new pump station is almost ready and even got the permits last year to build it but couldn't finalize the agreement with Eversource but are now close to finalizing it.

Mr. Oustafine said that staff did a fantastic job setting up the bypass in extremely adverse conditions. Ms. Valadares reminded the board that this was a major storm so there were a lot of communities that day that needed something and that makes this accomplishment even greater. Mr. Oustafine agreed and said that other portions of the state experienced biblical flooding with roads washing away, and we were very lucky in that regard as it could have been much worse.

**** MS. SMYTH MOVED TO AUTHORIZE THE CITY OF NORWALK'S PURCHASING AGENT TO AUTHORIZE A SOLE SOURCE PURCHASE ORDER TO KOVACS CONSTRUCTION CORPORATION FOR EMERGENCY RESPONSE SERVICES RELATED TO THE AUGUST 18, 2024, STORM EVENT FOR AN AMOUNT NOT TO EXCEED \$300,000.
** THE MOTION PASSED UNANIMOUSLY.**

6. EXECUTIVE SESSION TO DISCUSS UPDATES ON THE FACILITY PLAN UPDATE AND NEW EASEMENT FOR KEELER BROOK PS

**** MR. IGNERI MOVED TO ENTER INTO EXECUTIVE SESSION.
** THE MOTION PASSED UNANIMOUSLY.**

The executive session began at 5:49 PM.

The executive session ended at 6:35 PM

During the executive session, there were no votes taken and no motions were made.

7. CONTRACT OPERATIONS REPORT:

a. Veolia Monthly Operating Report – July and August 2024 (copy included)

Mr. Steeprock reported and said in July the Veolia collections system team completed 3.26 miles of TV inspection, the cleaning of 4.43 miles of sewer lines, 107 manhole inspections, and 3.53 miles of SL Rat, and there was no hot list cleaning done in the month of July.

Mr. Steeprock said the IPP inspection program conducted 17 inspections., The scum tank project was completed which has been showing a lot of benefits at the facility, and Outfall-001 was cleaned.

Mr. Steeprock said the facility experienced on wet weather event on July 17, 2024, and outfall-002 was activated for two hours and ten minutes and discharged 0.49 million gallons over the duration of the event, and all sampling, analysis, and reporting were completed in accordance with the permit and standard operating procedures.

Mr. Steeprock reported on the regulatory events and said the facility followed all permit requirements for the month of July, and all the reporting was completed and submitted to the CT-DEEP and the EPA.

b. August 18, 2024, Storm Event

Mr. Steeprock reported and said in August the Veolia collections system team completed 0.3 miles of TV inspection, the cleaning of 2.99 miles of sewer lines, 8 manhole inspections, and 11.18 miles of SL Rat. He said the IPP inspection program conducted 32 inspections.

Mr. Steeprock said the FST sprayers were updated and have been working well.

Mr. Steeprock said the facility experienced on wet weather event on August 18, 2024, and outfall-002 was activated for nine hours and 27 minutes and discharged 9.1 million gallons over the duration of the event, and all sampling, analysis, and reporting were completed in accordance with the permit and standard operating procedures. He said there was one SSO event due to the failure of the Keeler Brook pump station and the Veolia team along with the WPCA team were onsite throughout the evening and well into the next day to get the situation under control and setting up the bypass pumping, and the Veolia team has been taking extra care to be sure everything remains functional while they continue to look at a longer-term bypass.

Mr. Kolb shared photos of the Keeler Brook pump station and said the dry well and wet well hatches were completely underwater as well as every piece of electrical equipment but within 22 hours the team had the Godwin pumps installed and conveying sewage back into the system. Mr. Steeprock said he is super proud of the team and the job they did.

c. Contract Year 5 – Inflation Adjustment (letters included)

Mr. Kolb said annually Veolia's contract is inflated by the CPI and ECI so for contract year five is 3.7%

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

(1) Facility Lighting (copy included)

Mr. Kolb said Veolia requested to enhance some of the lighting in the facility at some of the critical locations and staff agreed.

8. REPORTS:

a. FY23/24 and FY24/25 Revenues/Expenditures MUNIS Reports (copies included)

There was no discussion.

b. Update on Purchase of Electric Vehicles

Ms. Valadares provided an update and said there was no WPCA money used to purchase any of the electric vehicles and ended up using the fleet account to purchase some of the vehicles so they can be extended to city staff to see how they will expand the program.

c. Discussion on WPCA Engineering Projects:

1. Keeler Brook PS Replacement (copy included)

Mr. Kolb said that a task order has been signed with Wright-Pierce to expedite the procurement for construction in the amount of \$50,000.

2. Beacon Street Sanitary Sewer (copy included)

Ms. Bauer said a task order was signed with Brown and Caldwell for the design of the replacement of approximately 1,500 linear feet of sanitary sewer on Beacon Street from Sunset Hill to Willow Street, and will be upsizing the pipe to a 24" pipe to improve the capacity in that area and mitigate sanitary sewer flows and are looking to complete the design by early next year, and bid the project in February. She said that DPW is currently doing a sidewalk project in that area and as part of that work, and the WPCA will replace portions of the sanitary sewer laterals at nine locations that are in the vicinity of the replacement of the sanitary sewer line project to be sure those laterals are not compromised.

3. Catch Basin Disconnect Program

Ms. Bauer said they have received the final design report from Brown and Caldwell and before moving forward to the next phase staff will be scheduling a meeting with DPW to discuss which projects DPW engineering will be taking, and which projects the WPCA will be taking, and at this point DPW will be disconnecting catch basins at five locations.

4. Hubbell's Lane Relief Sewer

Ms. Bauer said that WPCA staff will be receiving the 90% design drawings from Brown and Caldwell on October 4th and WPCA staff along with DPW staff will be reviewing the design.

d. Discussion on WPCA Construction Projects

1) Collection – Sammis and Bell Island Sewershed Rehabilitation (copies Included)

Ms. Bauer shared the progress of the projects and said that the total project included just under 63,000 linear feet of lining and had completed approximately 49,000 linear feet which is great progress and is 78% complete and will be completed by next year.

e. Sewer Use Bill Appeals/Adjustments Update

1) Appeal status

Ms. Bauer said the appeals to date are \$43,321

f. Information Copies: None

9. ADJOURNMENT

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

**** THE MOTION PASSED UNANIMOUSLY.**

The meeting was adjourned at 6:50PM.

Respectfully submitted,

Dilene Byrd

Financial Model Summary (Approved February 2024)

Description	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29
Projected Rate Increase (%)	4.50%	4.50%	4.00%	4.00%	4.00%
Projected Capital Expenditures (\$)	\$11,944,971	\$23,156,779	\$26,128,421	\$22,237,500	\$4,250,000
Cash Funded Capital Expenditures (\$)	\$0	\$0	\$0	\$0	\$0
Ending Operating Cash	\$25,448,616	\$24,698,758	\$22,874,626	\$19,811,389	\$15,965,258
Days Cash On-Hand (Target = 210 Days)	445	408	349	278	211

Updated Financial Model Summary (October 2024)

Description	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29
Projected Rate Increase (%)	4.50%	4.50%	4.00%	4.00%	4.00%
Projected Capital Expenditures (\$)	\$11,944,971	\$23,156,779	\$26,128,421	\$22,237,500	\$4,250,000
Cash Funded Capital Expenditures (\$)	\$0	\$0	\$0	\$0	\$0
Ending Operating Cash	\$25,433,683	\$24,668,369	\$22,828,241	\$19,748,448	\$15,885,180
Days Cash On-Hand (Target = 210 Days)	445	407	348	277	210

Note: The WPCA's Financial Model was rerun with the upgraded position. Numbers in **red** within the table above have been revised from February 2024.

4

Norwalk Water Pollution Control Authority
Monthly Operating Report
September 2024

EXECUTIVE SUMMARY

September Highlights

- The Veolia collections system team completed 1.23 miles of TV inspection, the cleaning of 3.53 miles of sewer lines, 18 Manhole Inspections, and 3.33 miles of SL Rat.
- 1.79 miles Hot List cleaning.
- The IPP inspection program conducted 32 inspections.
- Cleaned out the storm channel under building 5 leading to outfall-002.
- Norwalk was ranked fifth in the state for Nitrogen performance for 2023.
- The facility did not experience a wet weather event in September.

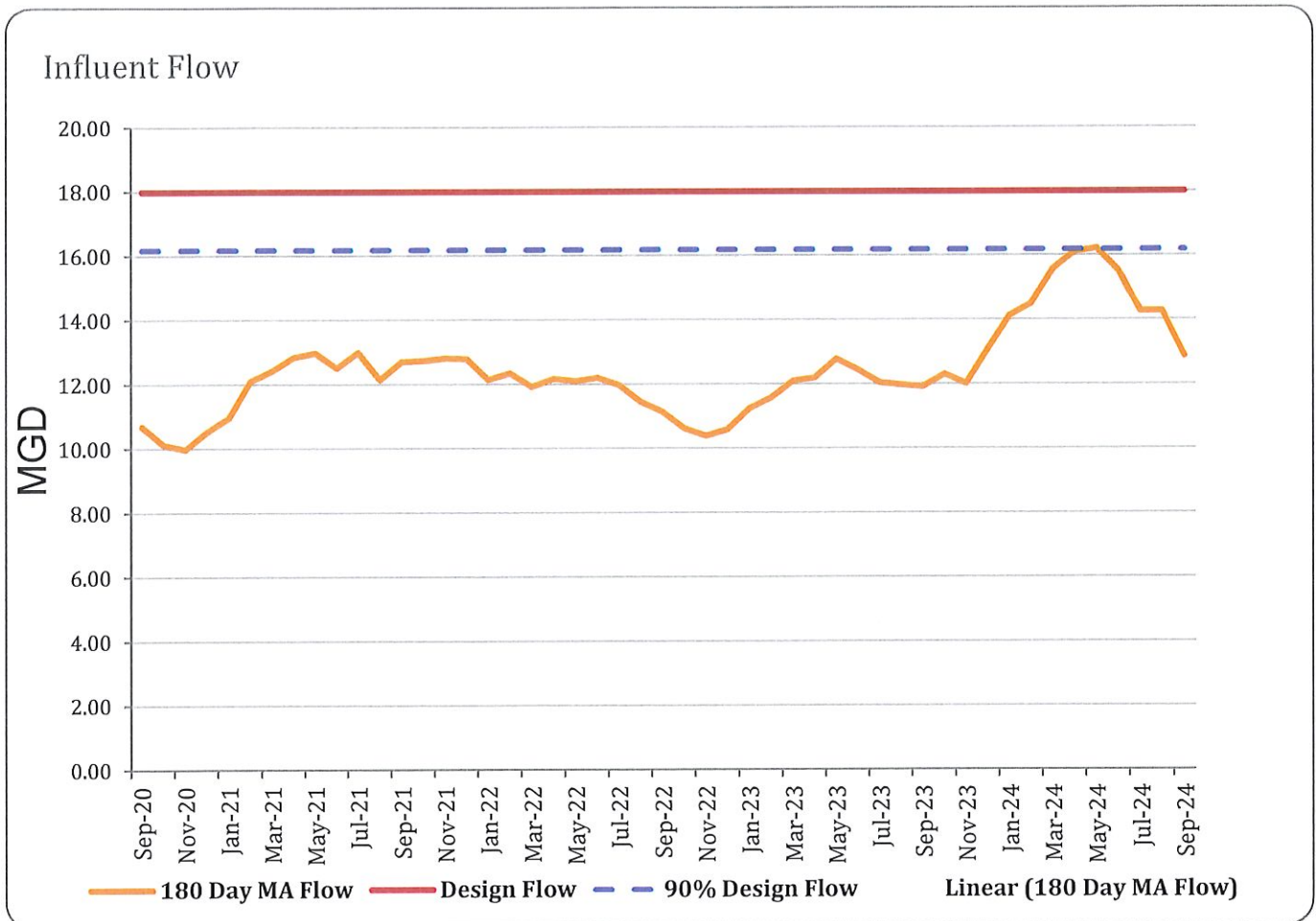
Regulatory Events

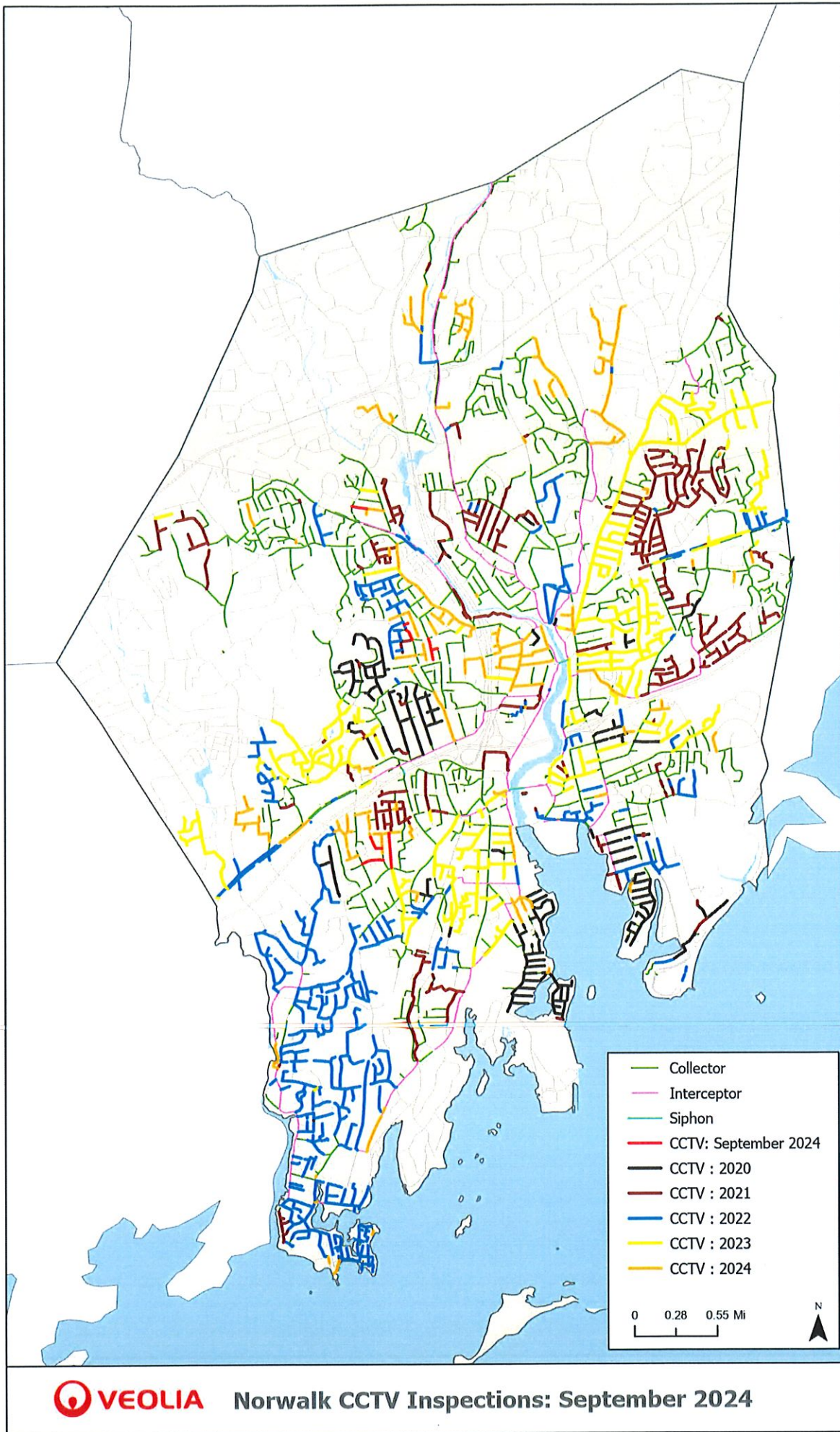
- The Facility followed all permit requirements for the month of September.
- The netDMR, MOR, ATMR and NAR reports were submitted to CT-DEEP and EPA in September.
- The Bi-monthly Sludge and Quarterly Sludge reports were submitted in September.

EXECUTIVE SUMMARY - Key Operational Parameters`

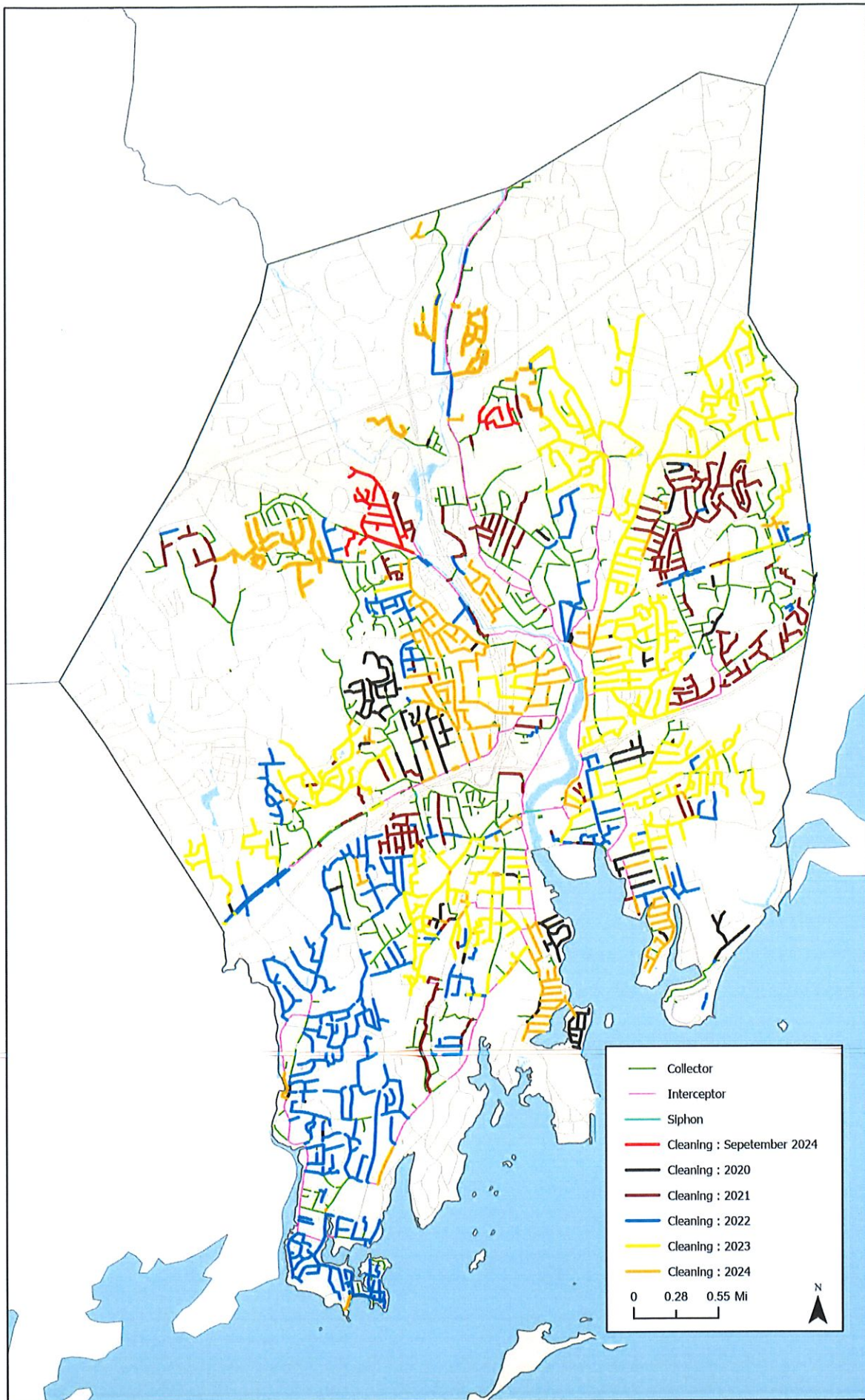
Parameter	Units	September Result	CYTD Result	Contract Limit
Average Daily Flow	MGD	11.30	n/a	n/a
180 Day Average Daily Flow	MGD	12.88	n/a	n/a
Effluent BOD	mg/l	2.6	n/a	10
Effluent TSS	mg/l	4.8	n/a	10
Effluent Fecal Coliform	# / 100 ml	16	n/a	10
Effluent Enterococci	# / 100 ml	15	n/a	30
Effluent Total Chlorine	mg/l	0.02	n/a	0.07
Effluent Total Nitrogen	lbs/day	595	n/a	1,000
Biosolids Quality (cake)	% solids	24	n/a	n/a
Biosolids Disposal (cake)	DT/month	180	n/a	n/a
Biosolids Disposal (liq)	DT/month	11	n/a	n/a
Biosolids Disposal (total)	DT/month	191	n/a	n/a
Grit and Screenings	WT/month	7	n/a	n/a
Chemicals – Hypochlorite	gal/month	5282	n/a	n/a
Chemicals – Bisulfite	gal/month	3768	n/a	n/a
Chemicals – Polymer	gal/month	900	n/a	n/a
Chemicals – Odor Control	gal/month	0	n/a	n/a
Sewer Cleaning	Miles	3.53	10.95	3 miles (avg)
CCTV Inspection	Miles	1.23	4.52	2 miles (avg)
Odor Complaints	#	0	n/a	0
SL-RAT Inspection	Miles	3.33	18.04	60 months
Manhole Inspections	#	18	133	50/m
IPP Inspections	#	20	69	Approx. 500/year

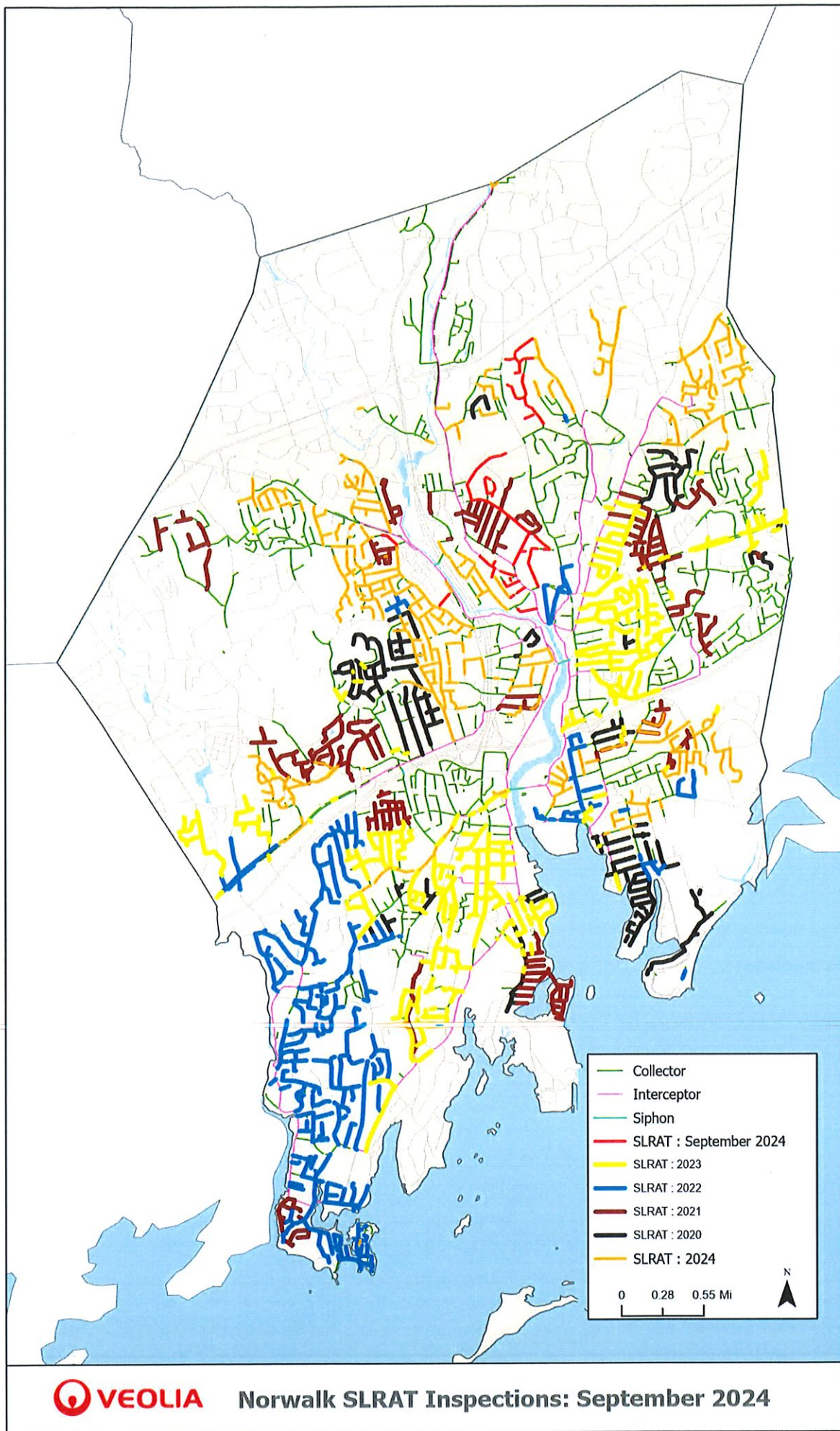
EXECUTIVE SUMMARY - Influent Flow

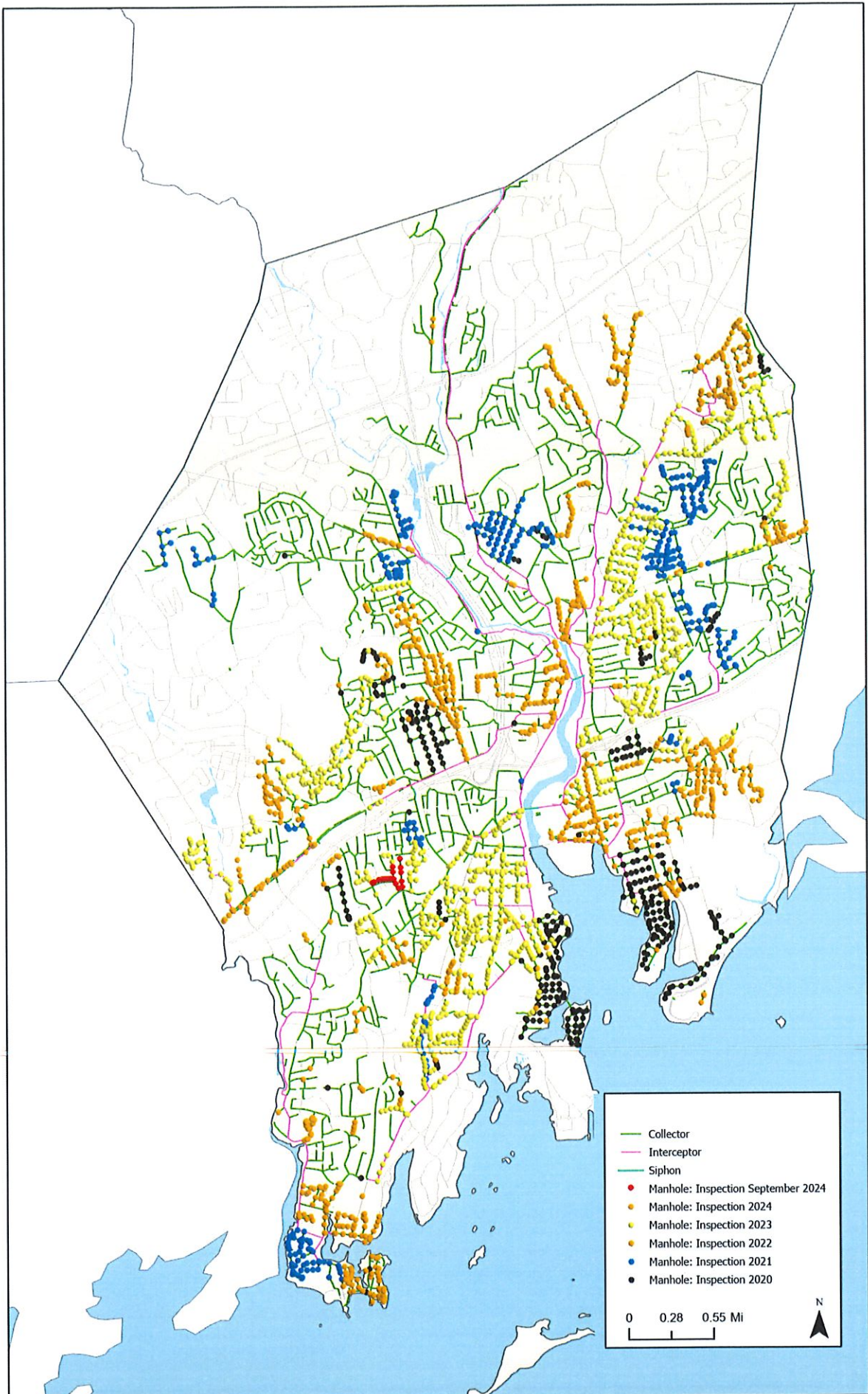




Norwalk CCTV Inspections: September 2024







Maintenance, Repair and Replacement (MRR) Approval Form

MRR Number: CY-05-008

Date: 9-5-2024

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:

Building #2 first floor offices near the lab, the hallway and large room to the left of the entrance door.

2. Scope of Work:

Asbestos & PCB abatement in concrete floor per report and based on square footage per drawings provided
Cut through epoxy coating? and 1 to 2 inches of concrete along all walls
Peel 4 inches of coating off from walls at base
Take care not to disturb soil underneath cut concrete if it becomes exposed
Full containment
Use of negative pressure
Use of HEPA vacuums
Disposal
Break down/demobilization of equipment
Coordinate post test/prepare for clearance
Note: Power and water will be provided by the customer
Air testing and clearance reporting by others will be at the customer's expense
Full containment as a precaution, (if any contamination remains in material below removed concrete)
Replace concrete and provide level floor surface
Finish surface with an epoxy type coating
Does not include compounding of wall base or new cove base as wells as any painting
Floor drain heights and clean out heights to be set by owner to match new floor
Not responsible for clearance under existing doors do to leveling of floor
Saddles and or door cuts are not included

3. Quotes: See Attached.

4. Time Schedule:

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

5. Compensation:

Vendor / Subcontractor: CPM Environmental	\$110,000
Contingency (10%):	\$0
Veolia Mark Up (15%):	\$0
Total Project Cost:	\$110,000

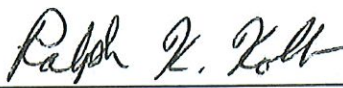
6.C.1

ISSUED AND AUTHORIZED BY:
Veolia

ACCEPTED AND AGREED TO BY:
Norwalk WPCA

By: 

Title: Project Manager

By: 

Title: Sr. Environmental Engineer

Comments: CPM Environmental was selected to perform the work due to the following reasons. CPM Environmental was able to include the cost to remove the contaminated flooring in the quote. Savy and Sons were not able to provide the cost at the time of the quote. The cost to remove the contaminated flooring could be a significant amount. The second reason was the time frame to perform the work was less with CPM Environmental.

YEAR-TO-DATE BUDGET REPORT

FOR 2025 '99

ACCOUNTS FOR:	WATER POLLUTION CONTROL	ORIGINAL APPROP	TRANSFERS/ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
22								
040	PUBLIC WORKS							
224062	WATER POLLUTION CONTROL							
224062 4051	INTEREST	-65,000	0	-65,000	-45,778.97	.00	-19,221.03	70.4%
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	-400.00	.00	-1,100.00	26.7%
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	43,861.00	.00	-18,790,861.00	-.2%
224062 4516	SPT DIS FE	-175,000	0	-175,000	-52,645.00	.00	-122,355.00	30.1%
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	-46,366.00	.00	1,366.00	103.0%
224062 452C	INDUSTRIAL	-175,000	0	-175,000	.00	.00	-175,000.00	.0%
224062 452D	SEWER CONN	-150,000	0	-150,000	-60,310.00	.00	-89,690.00	40.2%
224062 452E	IPP INTERE	-5,000	0	-5,000	-636.07	.00	-4,363.93	12.7%
224062 4807	REIMB EXP	-1,000	0	-1,000	.00	.00	-1,000.00	.0%
224062 489F	REIMB GF	-139,806	0	-139,806	.00	.00	-139,806.00	.0%
224062 4901	INV INCOME	-110,000	0	-110,000	.00	.00	-110,000.00	.0%
	TOTAL WATER POLLUTION CONTROL	-20,495,506	0	-20,495,506	-1,098,121.67	.00	-19,397,384.33	5.4%
	TOTAL PUBLIC WORKS	-20,495,506	0	-20,495,506	-1,098,121.67	.00	-19,397,384.33	5.4%
	TOTAL WATER POLLUTION CONTROL	-20,495,506	0	-20,495,506	-1,098,121.67	.00	-19,397,384.33	5.4%
	TOTAL REVENUES	-20,495,506	0	-20,495,506	-1,098,121.67	.00	-19,397,384.33	5.4%

7.a.

YEAR-TO-DATE BUDGET REPORT

FOR 2025 '99

ACCOUNTS FOR:	ORIGINAL APPROP	TRANSFRS/ADJUSTMTS	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	140,208.87	.00	565,817.13	19.9%
224062 5120 WAGES & SA	100,000	0	100,000	2,189.99	.00	97,810.01	2.2%
224062 5140 WAGES & SA	36,000	0	36,000	.00	.00	36,000.00	.0%
224062 5150 LONGEVITY	1,150	0	1,150	.00	.00	1,150.00	.0%
224062 5235 MEMBERSHIP	10,000	0	10,000	.00	.00	10,000.00	.0%
224062 5241 ELECTRIC	1,607,400	0	1,607,400	492,064.10	917,257.67	198,078.23	87.7%
224062 5245 TELEPHONE	2,000	0	2,000	.00	.00	2,000.00	.0%
224062 5252 LEGAL SERV	250,000	0	250,000	30,190.00	19,810.00	200,000.00	20.0%
224062 5258 OMI	10,795,100	692,522	11,487,622	1,907,082.52	9,580,539.40	.00	100.0%
224062 5286 BUSINESS E	32,000	0	32,000	1,082.89	472.00	30,445.11	4.9%
224062 5295 SEMINAR&CO	20,000	0	20,000	.00	.00	20,000.00	.0%
224062 5298 OTHER	250,000	4,500	254,500	.00	13,500.00	241,000.00	5.3%
224062 5418 INSURANCE	88,950	0	88,950	.00	.00	88,950.00	.0%
224062 5428 BENEFITS	376,312	0	376,312	.00	.00	376,312.00	.0%
224062 5521 PRINCIPAL	3,248,691	0	3,248,691	867,950.82	.00	2,380,740.18	26.7%
224062 5522 INTEREST	1,887,129	0	1,887,129	716,433.56	.00	1,170,695.44	38.0%
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	.00	.00	763,653.00	.0%
224062 5741 IT HARDWAR	60,000	0	60,000	30,250.00	.00	29,750.00	50.4%
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	4,235,622.75	10,531,579.07	6,425,326.10	69.7%
TOTAL PUBLIC WORKS	20,495,506	697,022	21,192,528	4,235,622.75	10,531,579.07	6,425,326.10	69.7%
TOTAL WATER POLLUTION CONTROL	20,495,506	697,022	21,192,528	4,235,622.75	10,531,579.07	6,425,326.10	69.7%
TOTAL EXPENSES	20,495,506	697,022	21,192,528	4,235,622.75	10,531,579.07	6,425,326.10	

**Norwalk Water Pollution Control Authority
Sanitary Sewer Rehabilitation (Contract No. 2023-01)
October 2024**

CIPP Lining	Original Scope	Added Work	Total Project (ft)	Completed (ft)	% Completed
8-inch	30,415	14,796	45,211	41,402	92%
10-inch	2,306	1,996	4,302	3,378	79%
12-inch	1,546	8,015	9,561	7,445	78%
14-inch	921	0	921	921	100%
15-inch	50	1,216	1,266	906	72%
18-inch	177	0	177	177	100%
24-inch	1,457	0	1,457	1,044	72%
Totals:	36,872	26,023	62,895	55,272	88%

7.e.2

Table 3

2023 Nitrogen Credit Exchange Buyers and Sellers **DRAFT**

Selling Credits

Plant Name	Equalized Credits	Cost Eq.Lbs Credit at \$0.9890859
STAMFORD WPCF	631.00	\$227,801
NEW HAVEN EAST WPCF	223.20	\$80,579
WATERBURY WPCF	169.80	\$61,301
MERIDEN WPCF	169.05	\$61,030
NORWALK WPCF	136.00	\$49,098
BRIDGEPORT EAST WPCF	129.20	\$46,643
STRATFORD WPCF	118.59	\$42,813
FAIRFIELD WPCF	115.60	\$41,733
TORRINGTON WPCF	103.80	\$37,473
MILFORD HOUSATONIC WPCF	75.04	\$27,091
BRANFORD WPCF	73.20	\$26,426
BRIDGEPORT WEST WPCF	67.15	\$24,242
SOUTHINGTON WPCF	49.00	\$17,690
ANSONIA WPCF	45.56	\$16,448
NEW CANAAN WPCF	40.00	\$14,441
WESTPORT WPCF	38.25	\$13,809
MATTABASSETT WPCF	35.60	\$12,852
NORTH HAVEN WPCF	34.80	\$12,563
DANBURY WPCF	28.52	\$10,296
MILFORD BEAVER BROOK WPCF	23.45	\$8,466
NEW LONDON WPCF	17.46	\$6,303
ENFIELD WPCF	15.96	\$5,762
NEWTOWN WPCF	14.72	\$5,314
WEST HAVEN WPCF	13.20	\$4,765
MANCHESTER WPCF	12.16	\$4,390
SIMSBURY WPCF	10.80	\$3,899
CHESHIRE WPCF	9.31	\$3,361
MONTVILLE WPCF	8.28	\$2,989
WINDHAM WPCF	7.20	\$2,599
DERBY WPCF	5.36	\$1,935
FARMINGTON WPCF	5.04	\$1,820
GLASTONBURY WPCF	4.40	\$1,588
THOMASTON WPCF	4.20	\$1,516
LICHFIELD WPCF	4.20	\$1,516
GREENWICH	4.00	\$1,444
GROTON CITY WPCF	3.78	\$1,365
PUTNAM WPCF	3.64	\$1,314
SUFFIELD WPCF	3.42	\$1,235
EAST WINDSOR WPCF	3.23	\$1,166
STONINGTON MYSTIC WPCF	2.52	\$910
NAUGATUCK TREATMENT CO.	2.40	\$866
UConn WPCF	1.95	\$704
WINDSOR LOCKS WPCF	1.52	\$549
GROTON TOWN WPCF	1.44	\$520
STONINGTON PAWCATUCK WPCF	1.36	\$491
PLAINFIELD VILLAGE WPCF	0.84	\$303
NEW HARTFORD WPCF	0.54	\$195
LEDYARD WPCF	0.54	\$195
SOUTH WINDSOR WPCF	0.38	\$137
NORFOLK	0.35	\$126
Total	2471.01	\$892,075

Buying Credits

Plant Name	Equalized Credits	Cost Eq.Lbs Credit at \$4.86
WALLINGFORD WPCF	76.20	\$135,171
WINDSOR POQUONOCK WPCF	61.94	\$109,875
SHELTON WPCF	59.63	\$105,778
HARTFORD WPCF	58.80	\$104,305
NORWICH WPCF	57.24	\$101,538
BRISTOL WPCF	35.46	\$62,902
VERNON WPCF	28.88	\$51,230
BEACON FALLS WPCF	21.44	\$38,032
EAST HAMPTON WPCF	20.40	\$36,188
RIDGEFIELD SOUTH ST. WPCF	17.00	\$30,156
SEYMOUR WPCF	13.40	\$23,770
PLYMOUTH WPCF	9.00	\$15,965
CANTON WPCF	6.66	\$11,814
SALISBURY WPCF	6.65	\$11,796
NORTH CANAAN WPCF	5.95	\$10,555
THOMPSON WPCF	5.04	\$8,940
EAST HARTFORD WPCF	3.61	\$6,404
WINSTED WPCF	3.42	\$6,067
SPRAGUE WPCF	2.24	\$3,974
PLAINFIELD NORTH WPCF	1.96	\$3,477
STAFFORD SPRINGS WPCF	1.95	\$3,459
ROCKY HILL WPCF	1.80	\$3,193
NEW MILFORD WPCF	1.38	\$2,448
PLAINVILLE WPCF	0.90	\$1,597
PORTLAND WPCF	0.80	\$1,419
JEWETT CITY WPCF	0.68	\$1,206
KILLINGLY WPCF	0.28	\$497
STONINGTON BOROUGH	0.18	\$319
Total	502.89	\$892,076

The Self-Sufficient Program was approved under Public Act 15-38 in 2016. The program consists of the buyers purchasing the credits (502.89, equalized at \$4.86) they need to meet their General Permit with those payments (\$892,076) being shared amongst the sellers (2471.01 equalized at \$0.9890859) proportionally. There will be no State purchase of excess credits. The 2023 year data is traded in 2024.

If the Water PollutionControl Facility discharged more nitrogen than required by its Nitrogen General Permit, the Nitrogen Exchange Program will require payment by July 31, 2024.

The Comissioner will purchase credits by August 15, 2024.

Bold = Project Facilities (is defined as any facility with a fully operational nitrogen removal system of any scale as of January 1st of the trading year). There are three Project Facilities in 2023 (Southington, Torrington, Wallingford)

7.9.1

Nitrogen Credit Exchange Program

FINAL Credit Exchange Invoice for CY 2023

NORWALK WPCF

NPDES Permit # CT0101249

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

Credit Exchange Calculation

January	476
February	494
March	614
April	368
May	525
June	516
July	503
August	597
September	656
October	677
November	628
December	935

Annual Avg	582
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Permit Limit lbs./day	718
Annual Avg lbs./day	582
E-Factor	1
Credits eq.lbs./day	-136
Cost/Credits	\$0.9911226
Annual Invoice	-\$49,199

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

Please send payment to:

Electronic deposit in financial institution

ACH instructions:

Bank of America

Routing Number: 011900254

Account Name: State of CT Regular Account

Or if by check:

Please Make Checks Payable to:

Office of the State Treasurer

165 Capitol Ave - 2nd Floor

Hartford, CT 06106

Attn: Renae Earlington

The Commissioner will purchase

(\$49,199)

Monthly Discharge of TN vs. 2023 Permit Limit

NORWALK WPCF

