Norwalk Water
Pollution Control
Authority
www.wpcanorwalk.org

AGENDA

DATE: Monday, December 19, 2022

TIME: 5:30 PM

PLACE: By Video Conference and Teleconference

To facilitate access, members of the public may join a meeting by telephone, Zoom, and/or the City of Norwalk YouTube channel. Specific instructions and links can be found at www.norwalkct.org/meetings.

Members of the public can call in and listen to a meeting. They will not be able to speak or see any of the meeting participants. Each meeting will use a unique Meeting/Webinar ID. Please find the information using the link above.

Members of the public who wish to provide "live comments" will need to register in advance and 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 on by the host of the meeting during the public comment section. Please find the information using the link above.

Members of the public who wish to view the meeting, but are not participating, can view a live stream on the City of Norwalk YouTube channel. This stream is delayed by approximately 20 seconds. Please find the information using the link above. The meeting recording and minutes will be posted on the City of Norwalk website within seven (7) days after the meeting.

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 read into the record, they should be submitted at least three hours in advance of the meeting start time. Please email Dilene Byrd at dbyrd@norwalkct.org to provide written public comment prior to a meeting.

WPCA Regular Meeting:

1. Call to Order
2. Introduction of Greg Burnett, Common Council President
3. Approve the minutes from WPCA Meeting held on November 21, 2022. (copy included)
4. Contract Operations Report:
   a. Veolia Monthly Operating Report – November 2022 (copy included)
   b. Orchard Street Sanitary Sewer Improvements Update
   c. Major Repair or Replacement / Out of Scope Items (copies included):
      1) Orchard St CIPP Lining
      2) North Water St Stormwater PS Controls Relocation
      3) DPW and WWTP Site Fencing
      4) Sludge Blend Tank Rehabilitation
      5) Overhead Door Replacement

5. Reports:
   a. FY22/23 Revenues/Expenditures MUNIS Report (copy included)
   b. Draft FY23/24 Capital Budget (copy included)
   c. Discussion on WPCA Engineering Projects:
      1) WPCF Facility Plan Update
      2) WWTP - SCADA Enhancement and Miscellaneous Support (copies included)
      3) Sammis and Bell Island Sewershed Design
      4) Hubbell's Lane Preliminary Design
      5) Keeler Brook PS
   d. Discussion on WPCA Construction Projects (photos included):
      1) Collection – Wall Street / 2 Knight Street Relocation and Improvements
      2) Collection – Dreamy Hollow Project
      3) Infrared Thermography Using Drone Technology – Force Main Inspections
      4) PS - Five Mile, Old Trolley Way, Karen Dr., and Woodward Ave. Rehabilitation
      5) SCADA Enhancements
   e. Sewer Use Bill Appeals/Adjustments Update
      1) Appeal status
   f. Information Copies:
      1) 2023 WPCA Meeting Schedule

6. Adjournment

Next WPCA Meeting: **Tuesday, January 17, 2023, 5:30 PM**
By Video Conference and Teleconference

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CITY OF NORWALK
WATER POLLUTION CONTROL AUTHORITY VIA ZOOM VIRTUAL VIDEOCONFERENCE AND TELECONFERENCE
REGULAR MEETING
November 21, 2022

Attendance: Darren Oustafine, Chairman
Barbara Smyth
John Bove
John Igneri
Chris Mannella
Neil Konstantin

Staff: Vanessa Valadares, Chief of Operations and Public Works
Ralph Kolb, WPCA Senior Environmental Engineer
Neyla Bauer, Wastewater Systems Manager

Others: Mathew Brown, Asst. Project Manager, Veolia

1. CALL TO ORDER

Chairman Oustafine called the meeting to order at 5:31PM.

2. APPROVE THE MINUTES FROM WPCA MEETING HELD ON OCTOBER 17, 2022. (COPY INCLUDED)

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

3. AUTHORIZE THE CHIEF OF OPERATIONS AND PUBLIC WORKS TO ISSUE ORDERS ON CONTRACT TO KOVACS CONSTRUCTION CORPORATION FOR THE COMPREHENSIVE PUMP STATION UPGRADE PROJECT (WPCA 2021-01) FOR AN AMOUNT NOT TO EXCEED $250,000

Mr. Kolb said the additional $250,000 is for the pump station project at Old Trolley Way, Five Mile, Woodward Ave., and Karen Drive and the total project cost is just over $ 4 million dollars. He said the initial change order monies was for $200,000 but currently $170,000 has been spent and the additional $250,000 will cover the costs for the remainder of the project.

**** MS. SMYTH MOVED TO APPROVE THE ITEM.**
**** THE MOTION PASSED UNANIMOUSLY.**

4. CONTRACT OPERATIONS REPORT

a. Veolia Monthly Operating Report- October 2022 (copy included)

Mr. Brown reported on the highlights and said that Veolia staff participated in the DPW and wastewater treatment facility open house on Saturday, October 1st and the turnout was excellent, and their staff enjoyed providing tours as well as demonstrating the collection system equipment during the event.

Mr. Brown said the collections team completed over 2.63 miles of TV inspections, 2.32 miles of sewer cleaning, 57 manhole inspections, and completed 45 inspections for the industrial pretreatment program and are on track to complete all the inspections by the end of the year.

Mr. Brown said they had one regulatory issue in October due to the sodium bisulfite pump that lost communication with the SCADA system, but they do sample every two hours, so they caught it right away, but it did create an instantaneous chlorine residual limit exceedance, but the issue was corrected as soon as the operator ran the test. He said that all the other permit limits were in compliance for the month of October.

Mr. Brown noted the wastewater treatment plant the average daily flow for the month was 10.9 million gallons per day, the 12-month rolling average flow for the plant was 11.41 million gallons per day, and the total nitrogen is 487. He also said the design flow is 18 million gallons per day and 90% design flow is 16.2 million gallons. Mr. Kolb said if the 180-day moving

average for flow approaches the 16.2 million gallons the WPCA would have to submit a plan on reducing flow to the wastewater treatment plant or look at future expansion of the wastewater treatment plant.

b. Orchard Street Sanitary Sewer Improvements Update

Mr. Brown said they are continuing to put the final plans in place.

c. Contract Year 3- Inflation Adjustment (letter included)

Mr. Kolb said that the CPI adjustment was 7.3% and the employee cost index number was 3.63% and using the formula in the contract comes out to 5.4% with an annual increase of $435,000.

d. Major Repair or Replacement/Out of Scope Items (copies included)

1) New Chicago Pump and Motor- Keeler Brook PS

Mr. Brown said this was a back up pump for the Keeler Avenue pump station and was ordered over a year ago and just received it.

2) Instrumentation and Controls- Scum Storage Tank

Mr. Brown said there was no scum removal at the wastewater treatment plant and last year a piping project was done to get scum out of the system, and this was for the electronics that are inside the holding tank.

3) Back-up Float Systems at Five Pump Stations

Mr. Brown said if there is a failure of the electronic level controllers for the backup for the current float controls in the systems and the plan is to do a few per year. Mr. Kolb said the intent is to avoid a sewage spill on the road or into someone's house or business.

5. REPORTS

a. FY 22/23 Revenues/Expenditures MUNIS Report (copy included)

There was no discussion.

b. Discussion on WPCF Facility Plan Update

Mr. Kolb said the team has a wet weather meeting that is scheduled for December 1, 2022, with ARCADIS and a Clean Water Fund application was submitted for grants from the state and the WPCA will be receiving just over $265,000 through this process.

c. Discussion on WPCA Projects (photos included)

1) WWTP- Aeration Tanks Electrical Infrastructure Improvements

Mr. Kolb presented photos of the capital improvement projects and said the electrical infrastructure project at the wastewater treatment plant has been completed and the cost was just over $1 million dollars.

2) Collection- Wall Street/ 2 Knight Street Relocation and Improvements

Mr. Kolb said the project consists of moving a 30-inch pipe from under the building to around the structure and the project cost is $2.2 million dollars and are anticipating construction to be completed in the spring of 2023.

3) PS- Bell Island Improvements

Mr. Kolb said that a section of the force main was cut out and a vault installed which in an emergency will allow bypass pumping to minimize impact to the residents and in the spring will be working with the Bell Island Association to restore the area.

4) PS- Five Mile, Old Trolley Way, Karen Dr., and Woodward Ave. Rehabilitation

Mr. Kolb said the electrical has slowed the project down and a lot of backorder issues and are still waiting for components to be delivered to the site.

5) SCADA Upgrade Phase III

Mr. Kolb provided an overview of the upgrade said the SCADA has been enhanced to monitor the system.

d. Sewer Use Bill Appeals/Adjustments Update

1) Appeal status

Mr. Kolb said there has been no adjustments since last month so the adjustment to date are still $39,341.

e. Information Copies:

1) Wright-Pierce Task Order 14

Mr. Kolb said this is to provide misc. assistance at the pump stations and at the wastewater treatment plant related to the pumps and is in the amount of $65,000 and is not a new contact and was approved by the board but are now linking it to a task order with Wright-Pierce.

6. ADJOURNMENT

**** MR. IGNERI MOVED TO ADJOURN.**
**** THE MOTION PASSED UNANIMOUSLY.**

The meeting adjourned at 6:08 PM.

Respectfully submitted,
Dilene Byrd

VEOLIA

Norwalk Water Pollution Control Authority Monthly Operating Report

November 2022

EXECUTIVE SUMMARY - November 2022

November Highlights

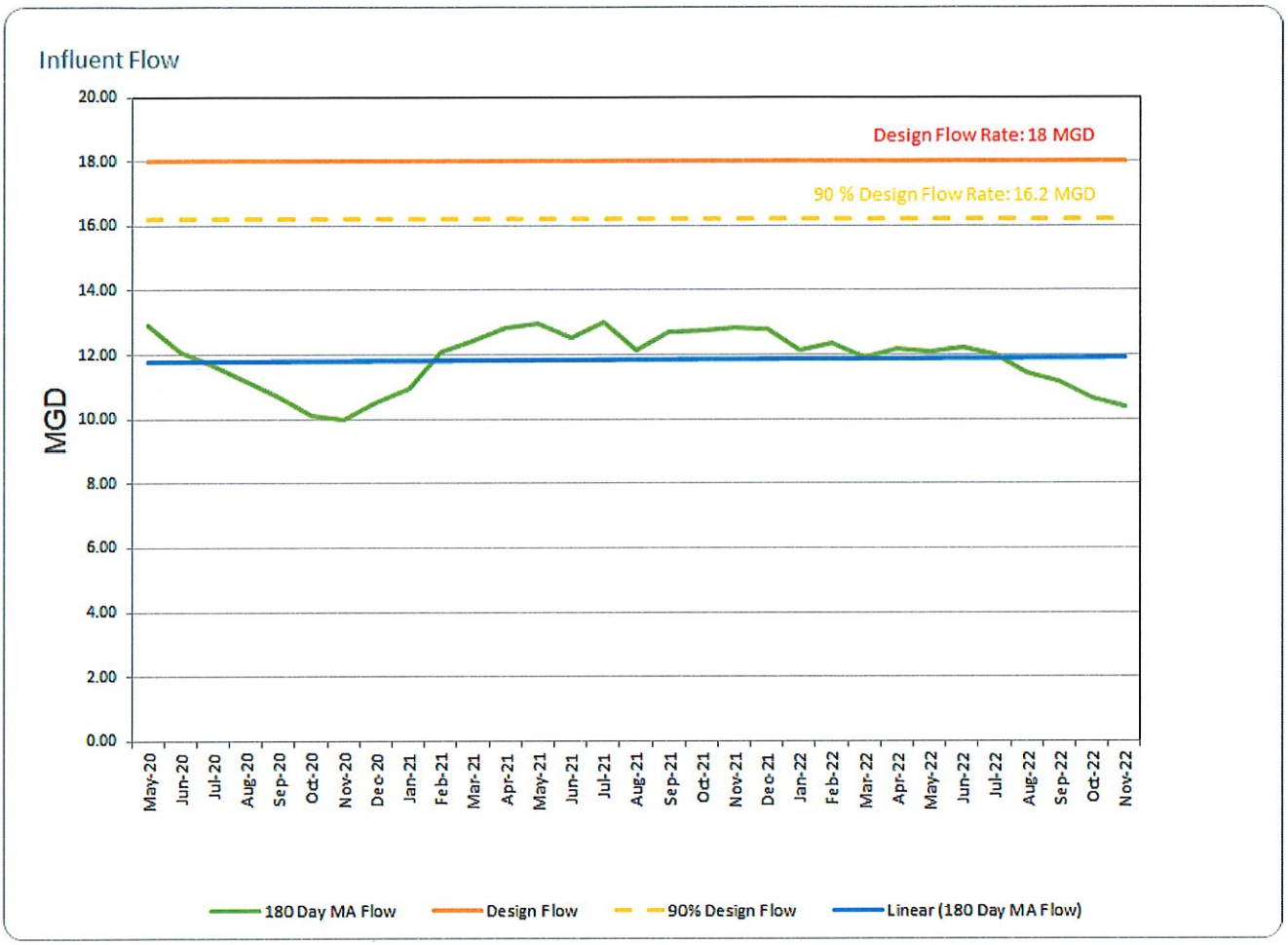
- Veolia collections system team completed over 4.00 miles of TV inspection along with the cleaning of over 1.38 miles of sewer lines and 88 manhole inspections.
- The IPP inspection program conducted 30 inspections.
- The WWTF continued receiving septage from Stamford during their construction shut down.

Regulatory Events

- The WWTF was in compliance with all permit limits for the month of November.
- The netDMR, MOR, ATMR and NAR reports were all submitted to CT-DEEP and EPA in November.

Key Operational Parameters

Parameter	Units	November Result	CYTD Result	Contract Limit
Average Daily Flow	Mgd	10.2	n/a	n/a
180 Day Average Daily Flow	Mgd	10.4	n/a	n/a
Effluent BOD	mg/l	2.5	n/a	10
Effluent TSS	mg/l	3.1	n/a	10
Effluent Fecal Coliform	# / 100 ml	6	n/a	10
Effluent Enterococci	# / 100 ml	11	n/a	30
Effluent Total Chlorine	mg/l	0.01	n/a	0.07
Effluent Total Nitrogen	lbs/day	381	n/a	1,000
Biosolids Quality (cake)	% solids	23.8	n/a	n/a
Biosolids Disposal (cake)	DT/month	174	n/a	n/a
Biosolids Disposal (liq)	DT/month	0	n/a	n/a
Biosolids Disposal (total)	DT/month	174	n/a	n/a
Grit and Screenings	WT/month	0	n/a	n/a
Chemicals – Hypochlorite	gal/month	10,800	n/a	n/a
Chemicals – Bisulfite	gal/month	7,100	n/a	n/a
Chemicals – Polymer	gal/month	1,100	n/a	n/a
Chemicals – Odor Control	gal/month	0	n/a	n/a
Sewer Cleaning	Miles	1.38	19.36	3 miles (avg)
CCTV Inspection	Miles	4.00	16.03	2 miles (avg)
Odor Complaints	#	0	n/a	0
SL-RAT Inspection	Miles	0.81	6.14	60 months
Manhole Inspections	#	88	256	50/mo
IPP Inspections	#	30	n/a	Approx. 500/year


Influent Flow
MGD
20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Design Flow Rate: 18 MGD
90 % Design Flow Rate: 16.2 MGD
May-20
Jun-20
Jul-20
Aug-20
Sep-20
Oct-20
Nov-20
Dec-20
Jan-21
Feb-21
Mar-21
Apr-21
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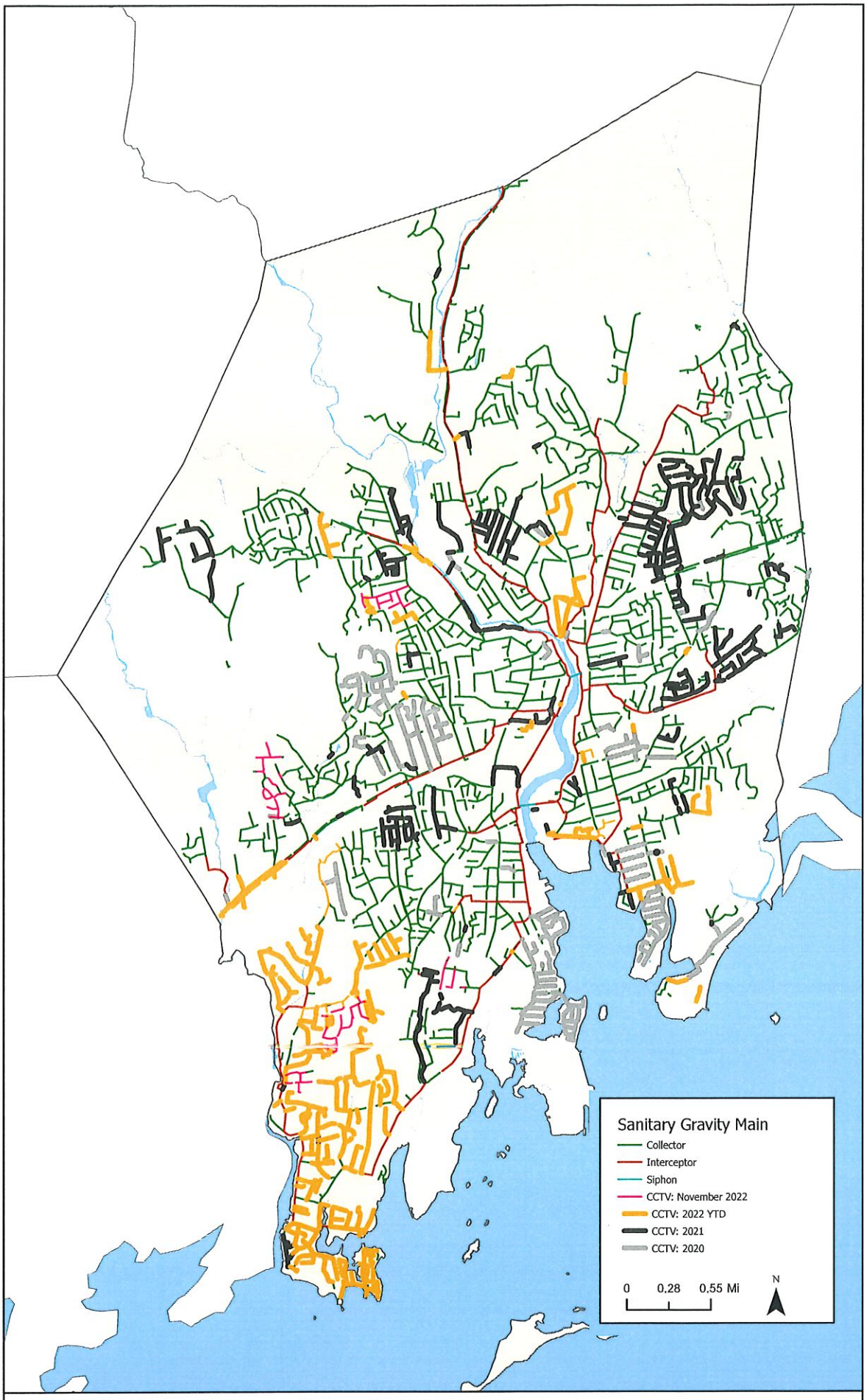
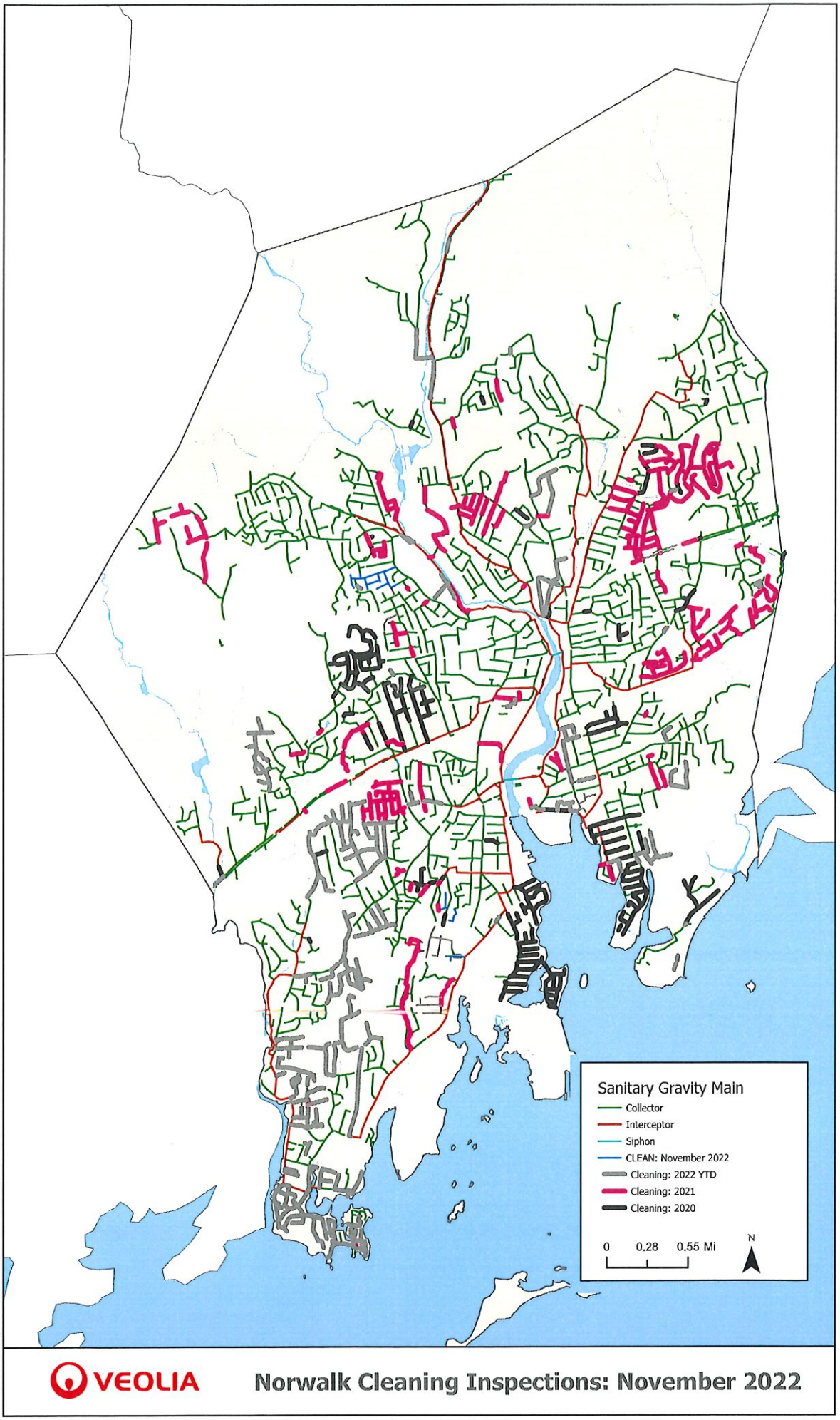
Nov-22
180 Day MA Flow
Design Flow
90% Design Flow
Linear (180 Day MA Flow)



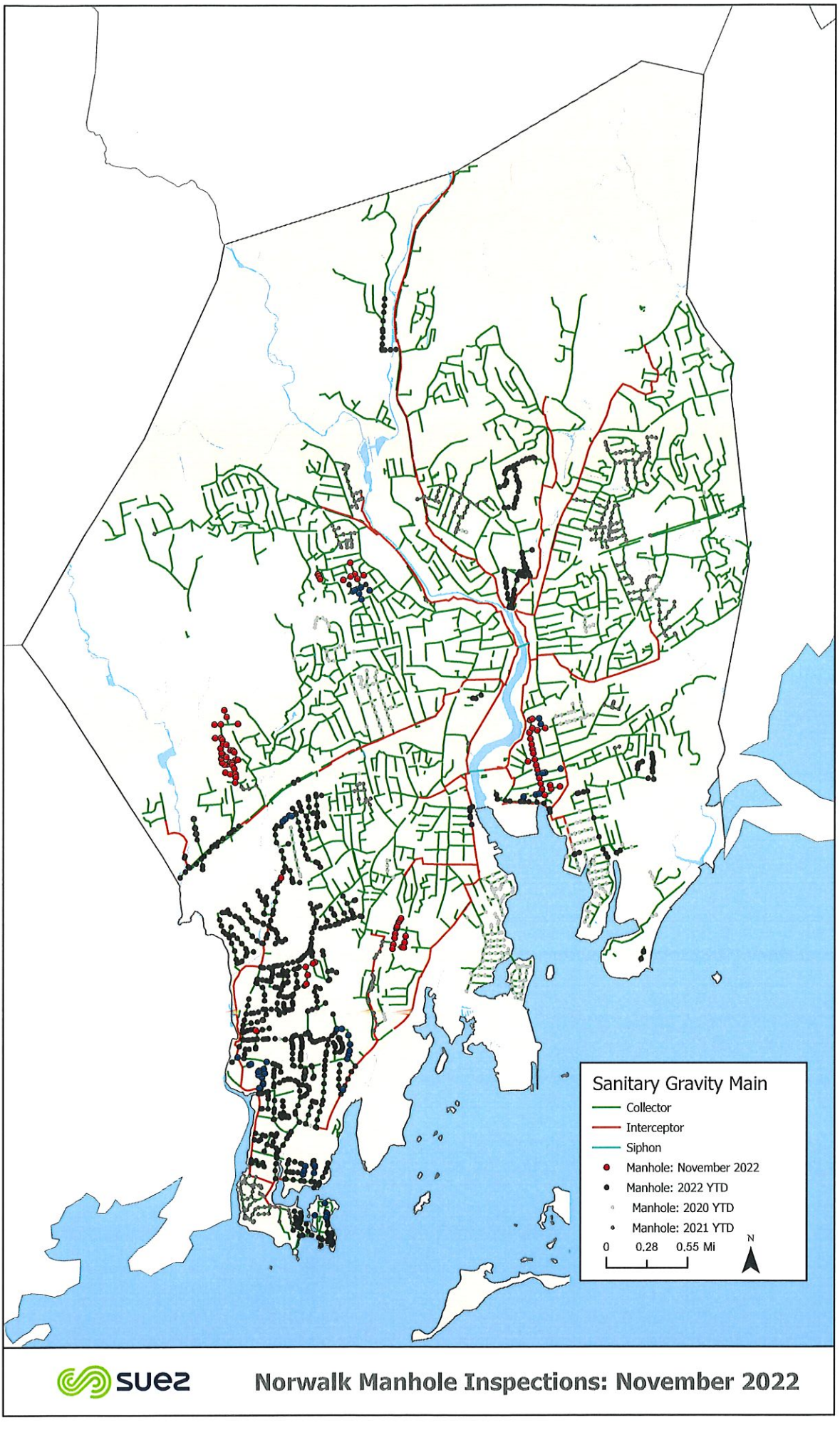
VEOLIA

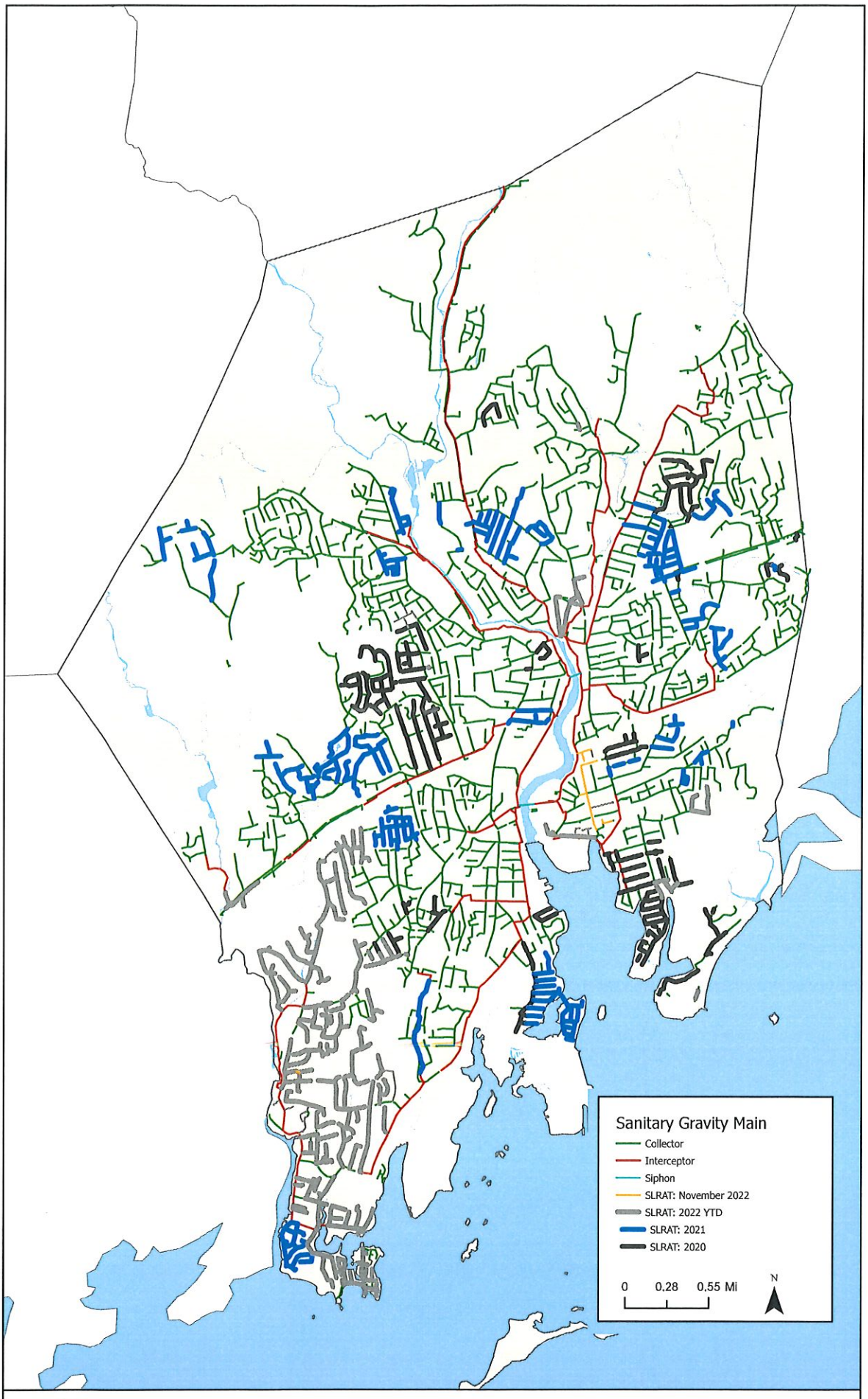
Norwalk CCTV Inspections: November 2022



VEOLIA

Norwalk Cleaning Inspections: November 2022


Sanitary Gravity Main
Collector
Interceptor
Siphon
Manhole: November 2022
Manhole: 2022 YTD
Manhole: 2020 YTD
Manhole: 2021 YTD
0 0.28 0.55 Mi
N
suez
Norwalk Manhole Inspections: November 2022


Sanitary Gravity Main
Collector
Interceptor
Siphon
SLRAT: November 2022
SLRAT: 2022 YTD
SLRAT: 2021
SLRAT: 2020
0
0.28
0.55 Mi
N
VEOLIA
Norwalk SL-Rat Inspections: November 2022

Veolia - Norwalk, CT - Procurement Review Form

Project Name:	*Orchard Street Lining Project*
BU/Cust :	00401 Veolia Municipal Water - 2159 Norwalk, CT

Description of Goods/Services:

Orchard Street Lining Project is a result of a major failure in an oval pipe that has been repaired and now needs to be lined to ensure long term structural integrity. The project will include the following:

Green Mountain Pipeline: Green Mountain is the sole source contractor for this project due to their master agreement with the City of Norwalk and Veolia. They do all the the routine sewer reapir work for the City of Norwalk. They do all the emergency repair work for Veolia Norwalk as the on call lining/plug/grout company. The Client has requested they be sole sourced. The following is included in their scope:
Initial By-pass at Orchard & West St. - L.S.
Second By-pass Jennings Place - L.S.
CIPP 24" sewer by West Ave. - 116 ft.
CIPP 19" x 32" Sewer Orchard St. - 780 ft.
CIPP 24" Sewer down Jennings Place - 135 ft.
CIPP 30" Sewer Bottom Jennings Place - 136 ft.

Conte Construction: Conte Construction is the sole sourcce contraor for this project. This project includes excavation on and adjacent to Conte Constructions property. The Client had requested they be the contractor used for this reason. We have done several projects with Conte Construction, they are an approved vendor of ours. Their scope of work is as follows:
- CBYD 5 locations
- Traffic control; 1 officer and cruiser per location
- Mobilization
- Road saw cutting at 4 locations
- 24' of trenching, backfill, and disposal of spoils at Harbor Ave
- 70' of trenching, backfill, and disposal of spoils at Jennings Pl/Harbor Ave
- 90' of trenching, backfill, and disposal of spoils at Jennings Pl/King Industries
- Rim and lid removal at MH 12-7corner of West Ave and Orchard St for bypass
- Reinstall rim and lid at MH 12-7 post procedure
- Mafia block bin breakdown and reset
- Furnish and install road base
- Disposal trench asphalt
- Disposal of excavated spoils
- Compaction in lifts
- Temporary asphalt patch repair
- General clean up

Subcontractor / Vendor Bid Results Summary (detail below or attach results in spreadsheet)

Selected Vendor:		Green Mountain Pipeline/Conte Construction			
M/WBE Solicited	No	If no, describe why:			
Bidder Names (* = incumbent)		Green Mountian Pipeline	Conte Construction		
Bid Amount		$ 299,880.00	$ 50,532.00		

Subcontractor / Vendor Selection: Provide justification for use of vendor and describe contract benefits

Green Mountain and Conte are working together to line pipe, repair manholes, bypass pumping, and excavation work needed. Green Mountain will do the lining work, conte will do the excavating manhole repairs. They are sole sourced due to nature of the project and request of the client.

Additional Services Summary

Selected Vendor:	Green Mopuntain Pipe/Conte Construction	
Vendor / Subcontractor (Green Mountain)	$ 299,880.00	
Vendor / Subcontractor (Conte Const.)	$ 50,532.00	
Contingency (15%)	$ 52,561.80	
Veolia Mark Up (15%)	$ 60,446.07	
Other Project Costs	$ -	
Total Project Cost	$ 463,419.87	

City of Norwalk Review

Reviewed & Approved by:	Signature & Date
Ralph Kolb	Ralph R. Kolb 12/9/2022

Veolia- Norwalk, CT - Procurement Review Form

Project Name:	***North Water PS Control panel Re-Location***
BU/Cust :	**00401 Veolia Municipal Water - 2159 Norwalk, CT**

Description of Goods/Services:

The service is to move all the control panels for the North Street storm water station from the side of the old I-Max Theater to a temporary location under the railroad tracks. The work is being performed so the old I-Max theater can be demolished . The work will encompass removal of the panels from the I-Max building, mounting them at the temporary location, pull new control wire and feed wire for the two pumps, reconnecting the equipment and testing the operation of the system.

Subcontractor / Vendor Bid Results Summary (detail below or attach results in spreadshe

Selected Vendor:		**Aaron Associates / Traver**			
M/WBE Solicited	**No**	If no, describe why:	MBE supplier not available		
Bidder Names (* = incumbent)		**Aaron Associates**			
Bidder Names (* = incumbent)			**Traver**		
Bid Amount		**$16,140.00**	**$35,880.00**		
Total		**$52,020.00**			

Subcontractor / Vendor Selection: Provide justification for use of vendor and describe contract benefits

Aaron Associates is the sole source for the Scada system. Traver used because of the short time frame that was given to perform the work. On the day the work was presented the time frame to perform the work was approximately 2 weeks. Traver was able to accommodate that time frame.

Additional Services Summary

Selected Vendor:	**Aaron Associates / Traver**	
Vendor / Subcontractor		
Contingency (15%)	**$7,803.00**	
Veolia Mark Up (15%)	**$8,973.45**	
Other Project Costs	**$0.00**	
Total Project Cost	**$68,796.45**	

City of Norwalk Review

Reviewed & Approved by:	Signature & Date
Ralph Kolb	Ralph K. Kolb 11/30/2022
Sr. Environmental Engineer	

Comments

Subcontractor / Vendor Spend Information

Contract Type	Task Order	Legal Review	**Yes**
Contract Term **(mm/dd/my)**		Annual Contract / Task Order Va	$ 68,796
Expense Type	N/A	Total Contract / Task Order Valu	$ 68,796
Spend Type	Non-recurring	Estimated Savings	
Contract / PO / Req #		Savings Calculation Method	
Pricing Format	Lump Sum - not to exceed	Baseline Cost (if applicable)	
Bond & Liquidated Damages	None	Single / Sole Source Vendor Sele	N/A
Prevailing Wage Required		Vendor Type / Paygroup	DB - Design Build Projects/Contract
COI Expiration date (mm/dd/my)		Certificate of Insurance (COI) att	
Payment Terms		SCM Contracts Representative	Brian Devries

Procurement Review Form

Project Name:	***DPW / WWTF Site Fencing Improvements***
BU/Cust :	**00401 SUEZ Water Environmental Services Inc - 2159 Norwalk, CT**

Description of Goods/Services:

Complete fencing repairs and modifications to DPW and WWTF complex as detailed in the attached " Norwalk DPW-WWTF Fencing Improvements Scope".

Bid Results Summary **(detail below or attach results in spreadsheet)**

Selected Vendor:			**Superior Fence**		
M/WBE Solicited	**No**	If no, describe why:	MBE supplier not available		
Bidder Names (* = incumbent)			**Superior Fence**	**Riverside Fence**	**Fairfield Fence**
Area A			**$ 13,084**	**$ 14,420**	**Did not propose**
Area B			**$ 4,212**	**$ 2,670**	
Area C			**$ 5,752**	**$ 3,250**	
Area D			**$ 19,771**	**$ 26,040**	
Area E			**$ 7,898**	**$ 4,820**	
Subtotal			**$ 50,717**	**$ 51,200**	
Contingency 10%			**$ 5,072**	**$ 5,120**	
Mark Up 15%			**$ 8,368**	**$ 8,448**	
Bid Amount			**$ 64,157**	**$ 64,768**	

Vendor Selection: Provide justification for use of vendor and describe contract benefits

Both vendors are qualified. Selection based on lowest price.

City of Norwalk Review

Reviewed & Approved by:	Signature & Date
Ralph Kolb	Ralph J. Kolb 12/5/2022

Comments

Contract / Spend Information

Contract Type	SUEZ Purchase Order only	Legal Review	**No**
Contract Term **(mm/dd/my)**		Annual Contract / Task Order Value	$ 64,157
Expense Type	OPEX	Total Contract / Task Order Value	
Spend Type	Non-recurring	Estimated Savings	
Contract / PO / Req #		Savings Calculation Method	
Pricing Format	Lump Sum - not to exceed	Baseline Cost (if applicable)	
Bond & Liquidated Damages	None	Single / Sole Source Vendor Selection	N/A
Prevailing Wage Required	No	Vendor Type / Paygroup	CO - Contractors
COI Expiration date (mm/dd/my)		Certificate of Insurance (COI) attached	**No**
Payment Terms		SCM Contracts Representative	Brian Devries

Legal Review

Reviewed & Approved by (Legal only):	Signature & Date

SCM Review

Reviewed & Approved by (SCM only):	Signature & Date

Project Requester	**Required Approvers**	**Required Approvers**
Print Name:	Print Name:	
Sign:	Sign:	

Return executed copy of contract to SCM **(see additional guidelines on pg. 2)**

Veolia- Norwalk, CT - Procurement Review Form

Project Name:	***Blend Tank Structual Repair***
BU/Cust :	**00401 Veolia Municipal Water - 2159 Norwalk, CT**

Description of Goods/Services:

The services are to replace/repair the the steel plates and frame to blend tank #1.

Subcontractor / Vendor Bid Results Summary **(detail below or attach results in spreadsheet)**

Selected Vendor:	**Fisher Tank Company**			
M/WBE Solicited: **No**	If no, describe why:	MBE supplier not available		
Bidder Names (* = incumbent)	**Fisher Tank Company**	**Northeast Water**	**Blue Heron**	
Bid Amount	**$169,900.00**	**$213,800.00**	**Did not propose**	
Total	**$169,900.00**	**$213,800.00**		

Subcontractor / Vendor Selection: Provide justification for use of vendor and describe contract benefits

Veolia recomends the use of Fisher Tank Compoany who is the lowest qualified bidder.

Additional Services Summary

Selected Vendor:	**Fisher Tank Company**	
Vendor / Subcontractor	**$169,900.00**	
Contingency (15%)	**$25,485.00**	
Veolia Mark Up (15%)	**$29,307.75**	
Other Project Costs	**$0.00**	
Total Project Cost	**$224,692.75**	

City of Norwalk Review

Reviewed & Approved by:	Signature & Date
Ralph Kolb	Ralph K. Kolb 12/5/2022
Sr. Environmental Engineer	

Veolia- Norwalk, CT - Procurement Review Form

Project Name:	*Replacement of Overhead Doors BLDG #4 and #6*
BU/Cust :	00401 Veolia Municipal Water - 2159 Norwalk, CT

Description of Goods/Services:

The goods and services are to replace the overhead door on the south side of building #4 and the overhead door on the west side of building #6. Both doors are not repairable.

Subcontractor / Vendor Bid Results Summary (detail below or attach results in spreadsh

Selected Vendor:		**Bethel Overhead Doors**			
M/WBE Solicited	**No**	If no, describe why:	MBE supplier not available		
Bidder Names (* = incumbent)			**Overhead Door Company of Fairfield County**		
Bidder Names (* = incumbent)		**Bethel Overhead Door**			
Bid Amount BLDG #4		**$22,500.00**	**$24,875.29**		
Bid Amount BLDG #6		**$12,350.00**	**$12,872.30**		
Total		**$34,850.00**			

Subcontractor / Vendor Selection: Provide justification for use of vendor and describe contract benefits

The vendor was selected due to price and the knowledge of the systems that they are installing.

Additional Services Summary

Selected Vendor:	**Bethel Overhead Door**	
Vendor / Subcontractor		
Contingency (15%)	**$5,227.50**	**$0.00**
Veolia Mark Up (15%)	**$6,011.63**	**$0.00**
Other Project Costs	**$0.00**	
Total Project Cost	**$46,089.13**	**$0.00**

City of Norwalk Review

Reviewed & Approved by:	Signature & Date
Ralph Kolb	Ralph R. Kolb 12/9/2022

City of Norwalk

YEAR-TO-DATE BUDGET REPORT

FOR 2023 99

ACCOUNTS FOR: 22 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	-28,721.74	.00	-36,278.26	44.2%
224062 4121	NITROGEN	-100,000	0	-100,000	-79,077.00	.00	-20,923.00	79.1%
224062 4451	SEWER PERM	-1,500	0	-1,500	-1,200.00	.00	-300.00	80.0%
224062 4453	SEPTIC LIC	-1,000	0	-1,000	-1,400.00	.00	400.00	140.0%
224062 4513	SEWER CHRG	-17,044,000	0	-17,044,000	-17,621,522.46	.00	577,522.46	103.4%
224062 4516	SPT DIS FE	-175,000	0	-175,000	-85,614.00	.00	-89,386.00	48.9%
224062 4521	WILTON SU	-600,000	0	-600,000	.00	.00	-600,000.00	.0%
224062 4522	SEWER USE	-45,000	0	-45,000	-33,018.00	.00	-11,982.00	73.4%
224062 452C	INDUSTRIAL	-175,000	0	-175,000	-189,036.06	.00	14,036.06	108.0%
224062 452D	SEWER CONN	-150,000	0	-150,000	-112,470.00	.00	-37,530.00	75.0%
224062 452E	IPP INTERE	-5,000	0	-5,000	-1,704.16	.00	-3,295.84	34.1%
224062 4807	REIMB EXP	-1,000	0	-1,000	.00	.00	-1,000.00	.0%
224062 489F	REIMB GF	-143,560	0	-143,560	-143,560.00	.00	.00	100.0%
224062 4901	INV INCOME	-110,000	0	-110,000	-10,796.85	.00	-99,203.15	9.8%
TOTAL WATER POLLUTION CONTROL		-18,616,060	0	-18,616,060	-18,308,120.27	.00	-307,939.73	98.3%
TOTAL PUBLIC WORKS		-18,616,060	0	-18,616,060	-18,308,120.27	.00	-307,939.73	98.3%
TOTAL WATER POLLUTION CONTROL		-18,616,060	0	-18,616,060	-18,308,120.27	.00	-307,939.73	98.3%
TOTAL REVENUES		-18,616,060	0	-18,616,060	-18,308,120.27	.00	-307,939.73	

City of Norwalk

YEAR-TO-DATE BUDGET REPORT

FOR 2023 99

ACCOUNTS FOR: 22 WATER POLLUTION CONTROL		ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
040 PUBLIC WORKS								
224062 WATER POLLUTION CONTROL								
224062 5110	WAGES & SA	413,270	0	413,270	176,055.70	.00	237,214.30	42.6%
224062 5120	WAGES & SA	100,000	0	100,000	2,645.62	.00	97,354.38	2.6%
224062 5140	WAGES & SA	36,000	0	36,000	.00	.00	36,000.00	.0%
224062 5150	LONGEVITY	1,150	0	1,150	1,130.00	.00	20.00	98.3%
224062 5235	MEMBERSHIP	10,000	0	10,000	8,575.00	.00	1,425.00	85.8%
224062 5241	ELECTRIC	1,500,000	0	1,500,000	492,608.34	.00	1,007,391.66	32.8%
224062 5245	TELEPHONE	2,000	0	2,000	.00	.00	2,000.00	.0%
224062 5252	LEGAL SERV	250,000	0	250,000	52,073.00	.00	197,927.00	20.8%
224062 5258	OMI	9,882,606	1,091,314	10,973,920	17,859.08	8,000,000.00	2,956,060.95	73.1%
224062 5286	BUSINESS E	32,000	0	32,000	6,393.92	.00	25,606.08	20.0%
224062 5295	SEMINAR&CO	10,000	0	10,000	12,916.20	.00	-2,916.20	129.2%
224062 5298	OTHER	250,000	10,638	260,638	12,234.00	10,637.50	237,766.00	8.8%
224062 5418	INSURANCE	115,372	0	115,372	.00	.00	115,372.00	.0%
224062 5428	BENEFITS	220,273	0	220,273	.00	.00	220,273.00	.0%
224062 5521	PRINCIPAL	3,253,588	0	3,253,588	2,530,130.62	.00	723,457.38	77.8%
224062 5522	INTEREST	1,101,898	0	1,101,898	531,307.55	.00	570,590.45	48.2%
224062 5651	TO G/F	669,688	0	669,688	669,688.00	.00	.00	100.0%
224062 5741	IT HARDWAR	60,000	0	60,000	32,770.67	.00	27,229.33	54.6%
224062 5789	RESERVE	708,215	0	708,215	.00	.00	708,215.00	.0%
TOTAL WATER POLLUTION CONTROL		18,616,060	1,101,952	19,718,012	4,546,387.70	8,010,637.50	7,160,986.33	63.7%
TOTAL PUBLIC WORKS		18,616,060	1,101,952	19,718,012	4,546,387.70	8,010,637.50	7,160,986.33	63.7%
TOTAL WATER POLLUTION CONTROL		18,616,060	1,101,952	19,718,012	4,546,387.70	8,010,637.50	7,160,986.33	63.7%
TOTAL EXPENSES		18,616,060	1,101,952	19,718,012	4,546,387.70	8,010,637.50	7,160,986.33	

City of Norwalk
WATER POLLUTION CONTROL AUTHORITY
Draft FY 2023-24 Capital Budget Summary

CAPITAL BUDGET

Project	Approved FY 22-23	Requested FY 23-24	Projected FY 24-25	Projected FY 25-26	Projected FY 26-27	Projected FY 27-28
Collection System Rehabilitation[1]	$ 3,000,000	$ 10,850,000	$ 2,650,000	$ 2,650,000	$ 2,650,000	$ 2,000,000
Pump Station Upgrade/Replacement[2]	$ -	$ -	$ 250,000	$ 250,000	$ 250,000	$ 250,000
WWTP Rehabilitation/Improvement[3]	$ -	$ -	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 10,000,000
	$ 3,000,000	$ 10,850,000	$ 7,900,000	$ 7,900,000	$ 7,900,000	$ 12,250,000

Footnotes:

[1] *Capital improvement program funding recommendations were identified in the Sanitary Sewer Collection System Master Plan Update (September 2022).*

[2] *Capital improvement program funding recommendations were identified in the Pump Station Asset Management Plan (April 2019).*

[3] *Future capital improvement projects and costs will be identified in the Water Pollution Control Facility (WPCF) Facility Plan Update scheduled to be completed in June 2023.*

PROFESSIONAL SERVICES TASK ORDER

Task Order Number: 07C
Task Order Date: December 7, 2022

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: 30001742 (Legacy Number 00867606.0000)
Project Name: SCADA Upgrade at the Norwalk WPCF
Description: Engineering services, Part-Time Resident Project Representation and System Integration Services to implement high priority items for Phase III of the Plantwide SCADA Upgrade.

2. Scope of Work:

The Scope of Work to be performed hereunder consists of continuation of Engineering Services to implement the SCADA Upgrade and is more fully described in the Letter Proposal from Arcadis dated December 7, 2022 attached here to as Exhibit A.

3. Time Schedule:

Engineer shall complete the work required by this Task Order within 180 calendar days of the date of this Task Order first written above.

4. Compensation:

Engineer shall be paid for the proper performance of services described in this Task Order in an amount not to exceed Seven Hundred Twenty Nine Thousand Nine Hundred Severty-Five and 00/100 ($729,975.00) Dollars. This represents an increase in Twenty Thousand and 00/100 ($20,000.00) Dollars from the amended Task Order value.

5. Special Conditions:

None

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

Previous Task Order Number: 7B Previous Task Order Date: October 3, 2020

ISSUED AND AUTHORIZED BY: WPCA	ACCEPTED AND AGREED TO BY: ARCADIS US, INC.
By: Ralph E. Zoll	By: Vanessa McPherson
Title: Senior Environmental Engineer	Title: Associate Vice President

PROFESSIONAL SERVICES TASK ORDER

Task Order Number: 07C

Exhibit A: Letter Proposal (consisting of 1 page)

Exhibit B: Special Conditions - None

ARCADIS

Ralph Kolb, P.E.
Senior Environmental Engineer
Norwalk Water Pollution Control Authority
15 South Smith Street
Norwalk, CT 06855

Arcadis U.S., Inc.
44 South Broadway
9th Floor
White Plains
New York 10601
Tel 914 694 2100
Fax 914 694 9286
www.arcadis.com

Water

Subject:

Norwalk Water Pollution Control Facility
On-Call Contract Task Order #7 - SCADA Upgrade
Amendment Request No. 2 for Phase IIIA

Date:
December 7, 2022

Contact:
Vanessa McPherson

Phone:
914.641.2418

Email:
vanessa.mcpherson@arcadis.com

Our ref:
30001742

Dear Mr. Kolb:

Additional SCADA items have been identified by the project team which require additional compensation for Arcadis' subconsultant, Aaron Associates, to incorporate. These additional items are summarized below:

- Modifications to wet weather control strategy and associated SCADA screens
- Incorporation of new users on Mobile SCADA
- Assistance with modification to Aeration System Blower controls and alarms

In order to complete the additional Phase IIIA items listed above, Arcadis respectfully requests an allowance of $20,000 be incorporated into the project through this Amendment. This allowance will be used exclusively for Arcadis' subconsultant Aaron Associates to support SCADA work as requested and approved by the WPCA.

Should you have any questions or wish to discuss any aspect of this request in more detail, please do not hesitate to contact me. We appreciate the opportunity to continue to assist with the implementation of this important project for the WPCA.

Sincerely,

Arcadis U.S., Inc.

Vanessa McPherson

Vanessa McPherson, PE
Associate Vice President

PROFESSIONAL SERVICES TASK ORDER

Task Order Number: 12
Task Order Date: December 7, 2022

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: 30156933
Project Name: Miscellaneous On-Call Support
Description: Engineering services to assist with various projects with the WPCA including development of content and assistance with layout for the new WPCA website, development of temporary drainage plan for the supplemental treatment building drum screen area, review of the Outfall 002-1 chlorination and dechlorination control strategy, and review of the existing Aeration System Blowers' controls.

2. Scope of Work:

The Scope of Work to be performed hereunder consists of providing Engineering Services relating to update of the WPCF Facility Plan and is more fully described in Exhibit A.

3. Time Schedule:

Engineer shall complete the work required by this Task Order by September 1, 2023.

4. Compensation:

Engineer shall be paid for the proper performance of services described in this Task Order a Not-to-Exceed amount of Fifty Thousand and 00/100 ($50.000.00) 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 R. Rolli	By: Vanessa McPherson
Title: Senior Environmental Engineer	Title: Associate Vice President

PROFESSIONAL SERVICES TASK ORDER

Task Order Number: 12

Exhibit A: Scope of Work and Rate Schedule (consisting of 2 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. 12

MISCELLANEOUS ON-CALL SUPPORT

The following Scope of Work and Fee Schedule for Task Order No. 12 Miscellaneous On-Call Support 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

This task order will include assistance with miscellaneous tasks at the WPCF including, but not limited to:

- New WPCA Website: Arcadis will assist with the development of content and layout for the new WPCA website.
- Drum Screen Drainage: Arcadis will work with the WPCA and Veolia to develop an interim solution to drain the drum screen area within the Supplemental Treatment Building. A work plan will be developed to obtain pricing from a third party contractor.
- Review Outfall 002-1 Control Strategy: Arcadis will review the existing control strategy for the chemical dosing at Outfall 002-1. Arcadis will coordinate with the WPCA and Veolia to update the associated programming to better suit the facility's operation.
- Aeration System Blowers' Controls: Arcadis will review the existing controls for the Blower system and coordinate with the WPCA and Veolia to modify as needed to allow local operation of the blowers in the event that is needed.

Project Schedule:

All work outlined in this task order shall be completed by September 1, 2023.

Fee Schedule:

A not to exceed fee of $50,000 has been allotted for this Task Order.

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 (using approved rate schedule dated December 7, 2022), not to exceed the Task Order Value.

City of Norwalk WPCA
Norwalk WPCF On-Call Engineering Services
Task Order No. 12
Miscellaneous On-Call Support

Arcadis Design Services – Approved Rate Schedule

Role	Engineer Director	Principal Engineer	Senior Engineer	Project Engineer	Staff Engineer	Designer / Modeler	Project Assistant
Rate ($/hour)	$242.00	$228.00	$174.00	$159.00	$148.00	$127.00	$102.00

wpca NORWALK

Norwalk Water Pollution Control Authority

www.wpcanorwalk.org

WPCA Meeting

December 19, 2022

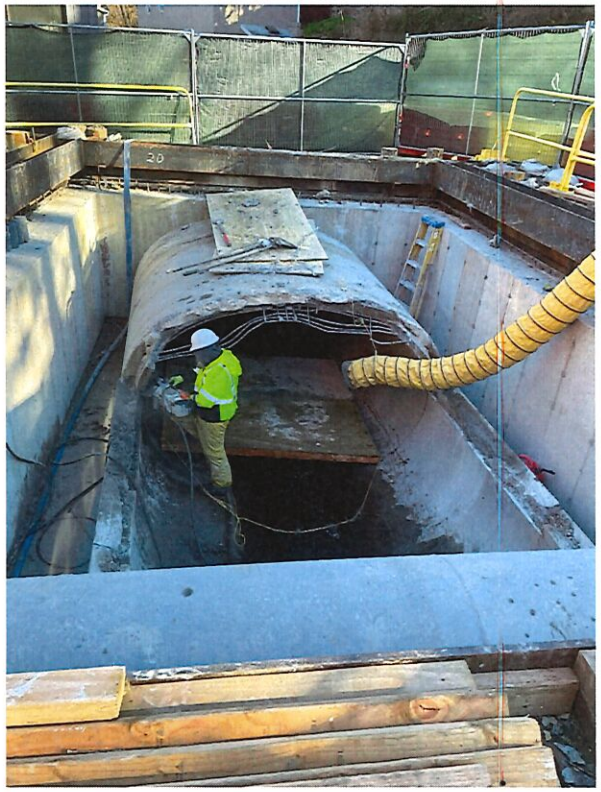
CAPITAL IMPROVEMENT PROJECTS

5.d.

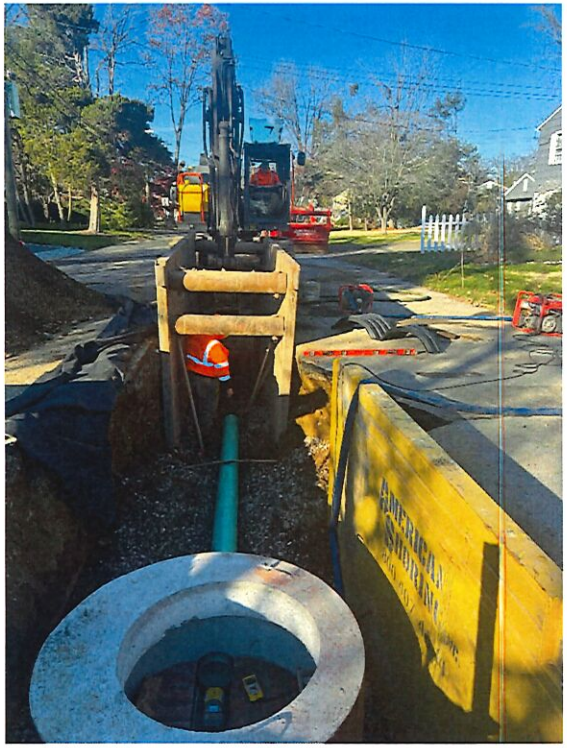
Collection System Updates

- Wall Street / 2 Knight Street Rehabilitation and Improvements
- Dreamy Hollow Project
- Infrared Thermography Using Drone Technology

Wall Street / Knight Street Relocation and Improvements

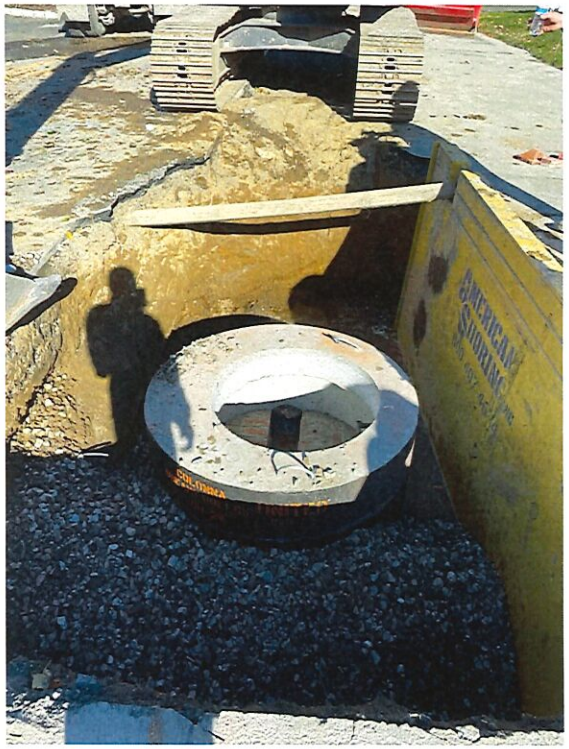


Dreamy Hollow Project – Sanitary Sewer Improvement Phase



8-inch PVC Sewer Main

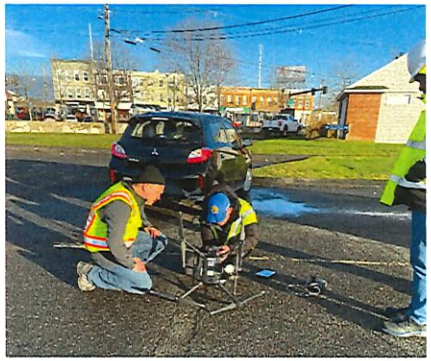
6-inch PVC Lateral



Sanitary Manhole

Infrared Thermography Using Drone Technology

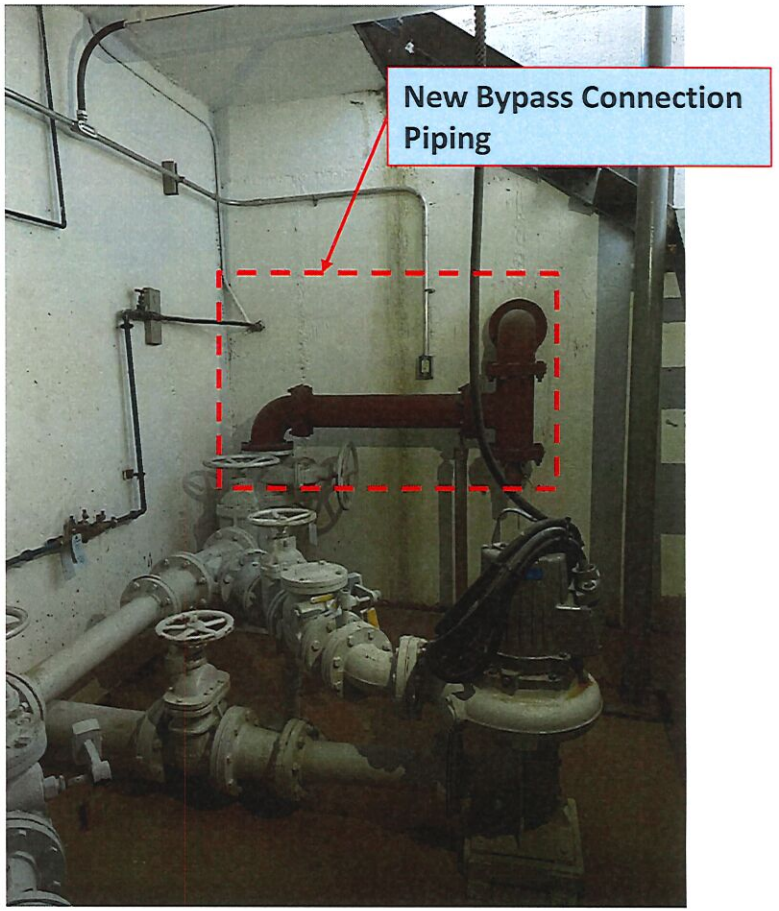
- Drone inspections were completed on Fort Point, Sammis St, and Bell Island Pump Station Force Mains.
- The flights were pre-programmed using GIS mapping of the force main.



Pump Station Updates

- Karen Dr.
- Woodward Ave

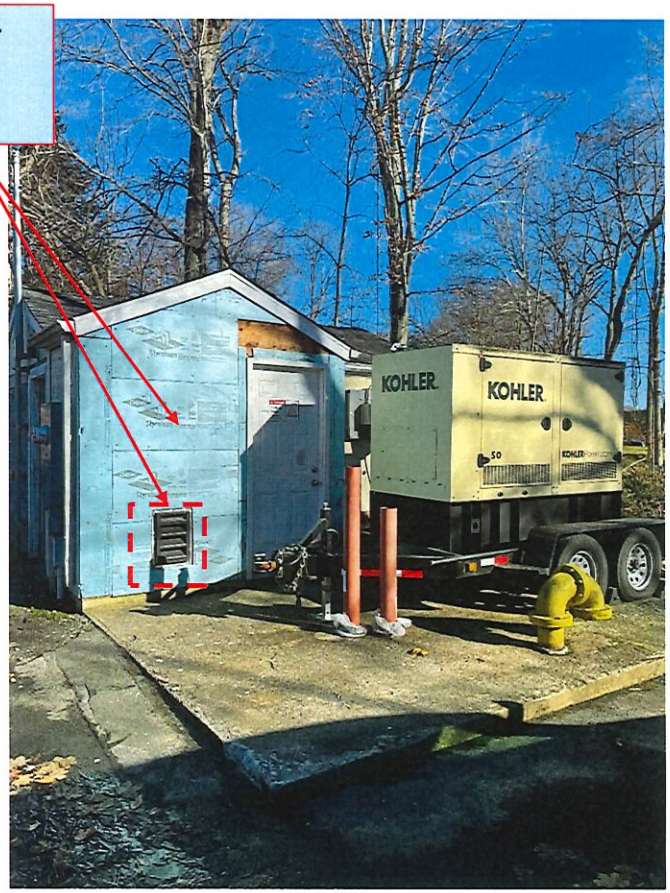
Karen Dr. Pump Station Rehabilitation



Karen Dr. Pump Station Rehabilitation

New Insulation and Louver
(upcoming exterior siding installation)

New Portable Generator Connection Cabinet and Circuit Breaker



Woodward Ave Pump Station Rehabilitation

Woodward Ave Pump Station Rehabilitation

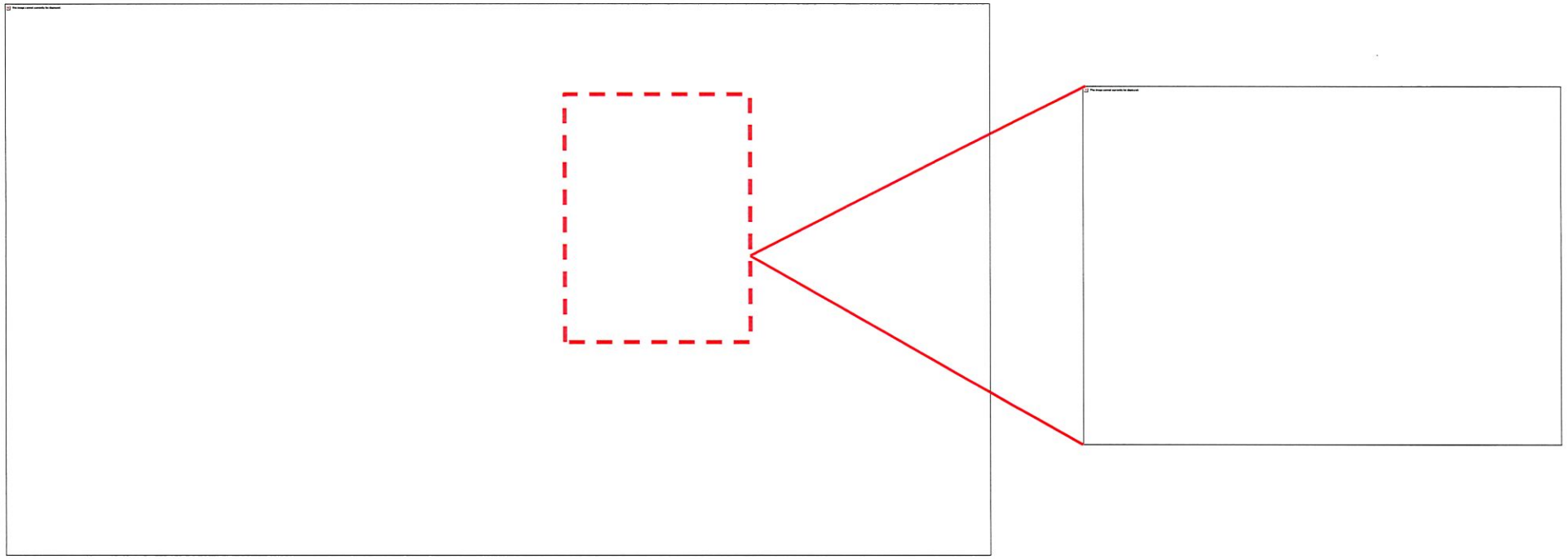
New Roof-mounted
HVAC Equipment

SCADA Upgrade Phase III

- Thickened Sludge Storage Tank
  - Level Instrument within Secondary Control Building
- Secondary Lift Pump Station Improvements
  - Enhanced programming with automatic alternation of pumps

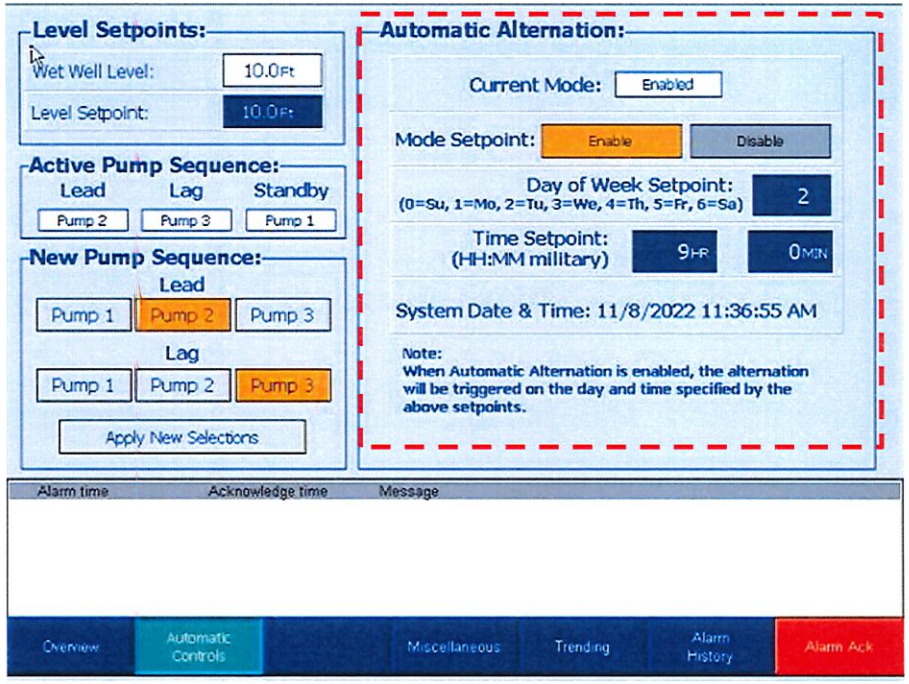
Thickened Sludge Storage Tank

- A new level instrument within the thickened sludge storage tank was successfully installed, integrated into SCADA and calibrated.



Secondary Lift Pump Station Improvements

- Enhanced programming with automatic alternation of the secondary lift pumps was completed successfully.



Norwalk Water
Pollution Control
Authority
www.wpcanorwalk.org

Meeting Schedule – Calendar Year 2023

Public Works Center (Second Floor Conference Room), 15 South Smith Street

By Video Conference and Teleconference

Norwalk WPCA Meetings are held the third Monday of each calendar month at 5:30 PM unless otherwise noted.

Tuesday	January 17 (3rd Monday is Martin Luther King's Day)
Tuesday	February 21 (3rd Monday is President's Day)
Monday	March 20
Monday	April 17
Monday	May 15
Tuesday	June 20 (3rd Monday is Juneteenth)
Monday	July 17
Monday	August 21
Monday	September 18
Monday	October 16
Monday	November 20
Monday	December 18

5.f.1.