



AGENDA
TECHNICAL COMMITTEE MEETING
Wednesday
October 16, 2024
4:30PM

Via VIDEO/TELECONFERENCE

Attendees:

Ed Kelly	Acting Chairman, Technical Committee
Steve Bagwin	Committee Member
Bill Brink, P.E.	Executive Director, WPCA
Ann Brown, P.E.	Supervising Engineer, WPCA
Keith May	Plant Supervisor, WPCA
Timothy Dupuis/Jonathon Kunay	CDM Smith

1. **Call to Order and Roll Call**— E. Kelly called the meeting to order at 4:30 PM and announced the attendees as listed above.
2. **Approval of September 11, 2024 Meeting Minutes** - E. Kelly made a motion to approve the minutes of the September 11, 2024 Technical Committee Meeting. The motion was seconded by S. Bagwin. Motion carried 2-0-0.
3. **Public Comments** - None
4. **Infiltration/Inflow Program Update Presentation by CDM Smith** – Timothy Dupuis/Jonathon Kunay from CDM Smith presented a history of the Infiltration/Inflow Removal Program. Phase 1 and 2 have been done. The next step is Phase 3 which will identify the next area of focus.
5. **Discussion and Approval of Sixth Amendment to Agreement with CDM-Smith for Sewer System Evaluation Study (SSES)** – Phase 3 for \$506,000 (cost plus fixed fee) - A. Brown presented the cost for CDM Smith to continue with Phase 3 of the I/I Program. The Technical Committee agreed to recommend approval to the Full Board.
6. **Review updated 5-year Capital Improvement Plan** - W. Brink gave an update of the Capital Improvement plan and reviewed major projects as follows:
 - **WPCA Major Replacement & Repairs:** Added funding to replace Final Clarifier #3. WPCA budgeted \$500,000. There were 3 bids which were competitive. The low bid was \$1,033,000.
 - **Replace Plant Water and RAS/WAS:** Will probably be out to bid next fiscal year. Pushed funding out for construction.
 - **Sludge Management Improvements:** Putting \$500,000 in place each year. We will need to replace equipment that has not been identified yet.
 - **Pump Station Upgrades:** Put funding in for storm water resiliency (emergency power generators).
7. **Review Capital Project Requests for FY 2025-2026** – This item will be presented at the November meeting.
8. **Discussion on Collection System** – S. Pietrzyk was not in attendance. He provided a report prior to the meeting which is attached and made part of these minutes. The Committee had no questions.
9. **Discussion on Plant Operations** – K. May introduced himself as Plant Supervisor. He reviewed the Monthly Operating Report and Equipment Update which is attached and made part of these minutes. Keith advised the Committee that WPCA is conducting a trial to replace methanol, which is flammable, with a glycerin-based product that is non-flammable. This will eliminate the need for fire suppression foam containing PFAS. A trial using this product will begin within the next two weeks.

10. **Update on Engineering Studies and Designs** – A. Brown provided the Committee with a Capital Projects Update including engineering studies and designs, which is attached and made part of these minutes.
11. **Update on Construction Projects** – A. Brown provided the Committee with a Capital Projects Update including construction projects, which is attached and made part of these minutes. Ann gave an update on Perna Lane Sewer Extension Project saying that the Contractor has completed Somerset Lane. They are finishing Hampton Lane and moving to Dzamba next. The rock that was encountered on Somerset and High Ridge Road had to be removed and slowed down their progress. They will stop installing pipe in High Ridge Road as of Friday, 10/15. They will be starting work in Willard Terrace on Monday, 11/21 and will continue working in the local roads through the winter, weather permitting.
12. **Old Business**
13. **New Business**

There being no further issues to discuss, E. Kelly made a motion to adjourn the meeting, seconded by S. Bagwin; motion carried 2-0-0. The meeting adjourned at 5:45pm.

Capital Improvement Plan (Updated 10/11/24)

DESCRIPTION	ESTIMATED COST	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	FY28-29	FY28-29	FUNDED BY '19/'20 REVENUE BONDS	FUNDED BY 2025 REVENUE BONDS	FUNDED BY CASH RESERVES	FUNDED BY FUTURE REVENUE BONDS	DETAIL
Treatment Plant													
WPCF MAJOR REPLACEMENT AND REPAIRS													
MISC WPCF EQUIPMENT REPLACEMENTS	\$ 2,480,000	\$ 320,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 370,000	\$ 370,000	\$ 370,000	\$ 320,000		\$ 2,160,000		REPLACE PUMPS AND MIXERS AS NEEDED
WPCF HVAC Replacements	\$ 450,000		\$ 150,000	\$ 150,000	\$ 150,000						\$ 450,000		Replace aged HVAC equipment and building roofs
WPCF storm resiliency measures	\$ 100,000			\$ 100,000							\$ 100,000		Install flood barriers at RSPS and Generator Building openings due to ACOE repair of harbor gate
PAINT (3) FINAL CLARIFIERS	\$ 240,000		\$ 240,000						\$ 240,000				PAINT FINAL CLARIFIERS 1,2 and 4
REPLACE FINAL CLARIFIER NO. 3	\$ 1,083,000		\$ 1,083,000						\$ 1,083,000				REPLACE MECHANICAL EQUIPMENT IN CLARIFIER NO. 3
Sludge Dryer Equipment Replacement	\$ 570,000		\$ 570,000								\$ 570,000		Replace Cake Pump, Mixer, Insulation in RTO, modify Crusher Platform and install lower Roof Deck
SUBTOTAL WPCF MAJOR REPLACEMENT AND REPAIRS	\$ 4,923,000	\$ 320,000	\$ 2,393,000	\$ 600,000	\$ 500,000	\$ 370,000	\$ 370,000	\$ 370,000					
SLUDGE DEGRITTING SYSTEM UPGRADE													
Engineering during construction	\$ 730,000	\$ 450,000	\$ 280,000						\$ 730,000				REPLACE PRIMARY SLUDGE PUMPS AND SLUDGE DEGRITTING EQUIPMENT AND PRIMARY CLARIFIER NO. 1
Construction costs	\$ 9,500,000	\$ 7,250,000	\$ 2,250,000						\$ 9,500,000				CONSTRUCTION OF UPGRADE OF PRIMARY SLUDGE PUMPING AND DEGRITTING AND REPLACE PRIMARY CLARIFIER NO.
REPLACE PLANT WATER AND RAS PUMPS													
Design	\$ 600,000	\$ 300,000	\$ 300,000						\$ 600,000				REPLACE PLANT WATER, RETURN AND WASTE ACTIVATED SLUDGE PUMPS
Construction Phase Engineering	\$ 480,000			\$ 240,000	\$ 240,000					\$ 480,000			ENGINEERING DESIGN
Construction costs	\$ 9,500,000			\$ 4,750,000	\$ 4,750,000					\$ 9,500,000			ENGINEERING DURING CONSTRUCTION
													CONSTRUCTION COSTS TO REPLACE PLANT WATER, RETURN AND WASTE ACTIVATED SLUDGE PUMPS
SLUDGE MANAGEMENT IMPROVEMENTS													
	\$ 21,500,000				\$ 500,000	\$ 500,000	\$ 500,000	\$ 20,000,000			\$ 1,500,000	\$ 20,000,000	Upgrade Sludge Dewatering Equipment and Sludge Dryer
Total Treatment Plant	\$ 47,233,000	\$ 8,320,000	\$ 5,223,000	\$ 5,590,000	\$ 5,990,000	\$ 870,000	\$ 870,000	\$ 20,370,000					
Pump Station Upgrades													
ELECTRICAL UPGRADES AT PUMP STATIONS	\$ 1,400,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000			\$ 1,400,000		UPGRADE COMMUNICATION SYSTEM AND ELECTRICAL AT PUMP STATIONS
Alvord Ln and Commerce Dr Pump Stations Upgrades	\$ 6,430,000		\$ 530,000	\$ 5,900,000						\$ 6,430,000			UPGRADE AGED PUMP STATIONS WITH NEW PUMPS AND ELECTRICAL
Saddle Rock Pump Station Upgrade	\$ 1,400,000	\$ 120,000	\$ 1,280,000						\$ 120,000	\$ 1,280,000			UPGRADE SADDLE ROCK PUMP STATION WITH NEW PUMPS AND ELECTRICAL
Greenwich Ave Generator Replacement	\$ 500,000		\$ 500,000						\$ 500,000				REPLACE EMERGENCY POWER GENERATOR AND CONTROLS
PS storm resiliency (emergency power generators)	\$ 500,000	\$ 250,000	\$ 250,000								\$ 500,000		3 new portable power generators and on site power generators at Clay Hill, West Ave and Carter PS
MISC PUMP STATION EQUIP REPLACEMENTS	\$ 700,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000			\$ 700,000		REPLACE PUMPS AND EQUIPMENT AS NEEDED
SUBTOTAL PUMP STATION UPGRADES	\$ 10,930,000	\$ 670,000	\$ 2,860,000	\$ 6,200,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000					
Perna Lane Sewer Extension Project													
Engineering Design	\$ 50,000	\$ 50,000							\$ 50,000				
Construction Phase Engineering	\$ 700,000		\$ 350,000	\$ 350,000						\$ 700,000			
Construction Cost	\$ 7,300,000		\$ 3,650,000	\$ 3,650,000						\$ 7,300,000			
Sewer Rehabilitation													
MISC SEWER REPLACEMENT AND REPAIRS	\$ 2,025,000	\$ 225,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000			\$ 2,025,000		Spot repair broken sewer pipes and sagged sewer lines
MANHOLE COVERS	\$ 350,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000			\$ 350,000		REPLACE MANHOLE FRAMES AND COVERS DAMAGED BY SNOW PLOWS AND ROAD RESURFACING
Saddle Rock PS Force Main Replacement	\$ 600,000		\$ 600,000								\$ 600,000		Replace or line 10 inch diameter force main
SEWER LINING, JOINT SEALING AND POINT REPAIRS	\$ 2,900,000	\$ 400,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000			\$ 2,900,000		REHABILITATE SEWERS DETERMINED TO HAVE EXCESSIVE I/I
CMOM (45% SSES and 100% design funded by cash reserve)	\$ 975,000		\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000			\$ 975,000		\$500k for SSES every 2 years 45% local share and \$100k for design
CMOM (55% SSES funded by CWF grant)	\$ 825,000		\$ 275,000	\$ 275,000	\$ 275,000	\$ 275,000	\$ 275,000	\$ 275,000					\$500k for SSES every 2 years w 55% CWF planning grant
SUBTOTAL COLLECTION SYSTEM	\$ 15,725,000	\$ 725,000	\$ 4,950,000	\$ 5,450,000	\$ 1,450,000	\$ 850,000	\$ 1,450,000	\$ 850,000					
Vehicle Replacement													
SUV and light trucks	\$ 350,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000			\$ 350,000		REPLACE VEHICLES THAT HAVE EXCEEDED THEIR USEFUL LIFE
Vacuum Truck	\$ 650,000		\$ 650,000								\$ 650,000		Purchase new vacuum truck to clean sewer lines and manholes. Retire 30+ year old vac truck.
TOTAL	\$ 74,888,000	\$ 9,765,000	\$ 13,733,000	\$ 17,290,000	\$ 7,790,000	\$ 2,070,000	\$ 2,670,000	\$ 21,570,000	\$ 13,143,000	\$ 25,690,000	\$ 15,230,000	\$ 20,000,000	
FUNDED BY:													
Cash	\$ 15,230,000	\$ 1,275,000	\$ 2,995,000	\$ 2,400,000	\$ 2,525,000	\$ 2,070,000	\$ 2,395,000	\$ 1,570,000					
15/19/20 Revenue Bonds	\$ 13,143,000	\$ 8,490,000	\$ 4,653,000										
2025 Revenue Bonds	\$ 25,690,000		\$ 5,810,000	\$ 14,890,000	\$ 4,990,000								
Future Revenue Bonds	\$ 20,000,000							\$ 20,000,000					
CWF Grant	\$ 825,000	\$ -	\$ 275,000	\$ -	\$ 275,000	\$ -	\$ 275,000	\$ -					
TOTAL	\$ 74,888,000	\$ 9,765,000	\$ 13,733,000	\$ 17,290,000	\$ 7,790,000	\$ 2,070,000	\$ 2,670,000	\$ 21,570,000					

Monthly Activities (09/10/24 to 10/10/24)

Collection and Pump Station Division

Overview of Pump Station and Gravity Collection Systems:

1. Pump station inspections for 22-sanitary sewer and 4-stormwater stations (268)
2. Pump station call-out activities (30)
3. Manhole Inspections (237)
4. Gravity line service calls investigated (7)
5. Private lateral investigations and repairs in City ROW (2)
6. Sewer line repair (1)
7. Manhole repair(s) (2)
8. CCTV sanitary sewer lines (1,579.27 LF)
9. Sewer line cleaning (4.15 miles)

Pump Stations:

1. Performed monthly landscape maintenance activities at pump stations.
2. Exercised portable generators.
3. Performed electrical preventative maintenance inspections at various pump stations.
4. WPCA mechanics are providing and monitoring auxiliary power supply to Barry PL. pump station until new permanent power can be installed.

Collection System:

1. Crew jetted lines on Stillwater Ave., Virgil ST., Old Colony RD., Myano LN., Silver ST., Bradley PL., Pulaski ST., North ST., Hill Crest Ave., East Main ST., Robin Hood RD., Friar Tuck LN., Old Colony RD., Sweet Briar CT., Sweet Briar LN., Sweet Briar RD., Twin Brook DR., Theresa CT., Eden RD., Deep Spring LN. and Old Well RD.
2. Crews CCTV sewer line on Virgil ST. from MH-4010 to MH-4013 (703.94 LF); East Main ST. from MH-1803 to MH-1765 (435.33 LF); Hill Crest Ave. from MH-2029 to MH-8220 (partial, 320LF) and from MH-8280 to MH-2029 (partial, 120LF).

Miscellaneous:

1. Provided sanitary sewer plan sheet information to various civil engineers and/or contractors working on City development projects.
2. Completed plan reviews for utility projects in close proximity of WPCA's infrastructure and provided summary comments.

Overview of Regulatory Compliance:

1. Initial building permit reviews (11)
2. Re-review of building permit applications (69)
3. Sanitary sewer tie-in plan reviews (4)
4. Zoning permit application reviews (1)
5. Initial Food Service Establishment (FSEs) Inspections (3)
6. FSE Follow-up Inspections (10)
7. Notice of violations (NOVs) Issued (2)
8. CTDEEP General Permit plan reviews or applications (0)

Work performed by outside contractors:

1. Vitti Construction repaired two (2) private laterals in the City ROW at 8 Silver ST. and 104 Givens Ave.
2. Vitti Construction repaired one manhole at 219 Wardwell ST.
3. Cavalier repaired one manhole at 47 Hill Crest Ave.
4. Cavalier completed two (2) sewer line spot repairs on Hill Crest Ave.
5. GA Fleet Associates installed transducers at Clay Hill, Burwood, and Hobson pump stations.



October 2024 TECHNICAL COMMITTEE REPORT

Monthly Operating Report data:	September Results		Historical (Sep) Monthly AVG	Permit or Design Limit	Percent of Design Capacity (Sep)
	This month (Sep)	Last month (Aug)			
Q (FLOW) DAILY AVG MGD	14.1	18.6	15.1	24	59%
Q MAXIMUM DAILY AVG MGD	15.8	42.0	21.9	58	
BOD INFLUENT AVG MG/L	255	216	244		
BOD INFLUENT AVG LBS/D	29,986	33,507		41,233	73%
BOD PRIMARY EFFLUENT LBS/D	16,110	16,598		21,797	74%
BOD EFFLUENT AVG MG/L	2	3	3	20	
BOD REMOVAL %	99.2	98.6	98.4	85	
TSS INFLUENT AVG MG/L	310	268	354		
TSS INFLUENT AVG LBS/D	36,538	41,699		61,849	59%
TSS PRIMARY EFFLUENT LBS/D	10,819	13,186		24,219	45%
TSS EFFLUENT AVG MG/L	4	8	7	20	
TSS REMOVAL %	98.6	95.7	97.4	85%	
TOTAL N INFLUENT AVG MG/L	39.7	32.9	36.3		
TOTAL N INFLUENT AVG LBS/D	4,668	4,987	4,476		
TOTAL N EFFLUENT AVG MG/L	1.88	2.47	2.61		
TOTAL N EFFLUENT AVG LBS/D	221	383	347	926 LBS/D	
N REMOVAL %	95.3	92.5	92.4		
TOTAL P INFLUENT AVG MG/L	5.02	4.31	5.16		
TOTAL P EFFLUENT AVG MG/L	0.97	1.21	0.70		
P REMOVAL %	80.7	82.7	85.2		
UV EXCEEDANCES <30 mJ/cm2	0	0			

Plant Equipment Update

- Primary Clarifier No. 1 Equipment in PC No. 1 is out of service. New equipment installation has been completed but waiting to determine if we need to replace the influent pipe. Plan to CCTV the pipe Thursday morning.

- Final Clarifier No. 4 Has been painted and put back into service.

- Final Clarifier No. 2 Currently out of service as it is being painted.



**UPDATE OF CAPITAL PROJECTS
TECHNICAL COMMITTEE MEETING
October 14, 2024**

ENGINEERING STUDIES AND DESIGNS:

- 1. Sludge Management Plan/Fermentation Study**
Hazen is waiting for both primary clarifiers to be put back in operation to continue working on the fermentation study.
- 2. Plant Water, Return Activated Sludge (RAS) and Waste Activated Sludge (WAS)**
Gannett Fleming has submitted the 50% review set of plans and specifications. Documents are being reviewed by WPCA.
- 3. RFQ for Evaluation of the Alford Lane, Commerce Rd, and Saddle Rock Pump Stations**
Tighe & Bond has submitted the 90% design review plans for Saddle Rock PS. Documents were reviewed by WPCA and comments given to Tighe & Bond. They are completing the design to bid for this fall.
- 4. RFP for the Design and Supply of a Standby Generator at Clay Hill Pump Station and West Avenue Pump Station**
Technical specifications are being prepared. Once complete an advertising date will be requested.
- 5. Structural Evaluation of the Columns in the Sludge Dewatering Building**
Preparing bid documents for the repair.
- 6. Bid for Design Build Standby Generator for the Greenwich Ave. Pump Station**
Project is out for bids. There were three firms that requested a site visit and numerous questions. We are responding to the questions. Bids are due October 31st.

CONSTRUCTION PROJECTS:

- 1. Perna Lane, Phase I Collection Sewers**
Grasso has completed the sewer installation on Perna Lane, Somerset Lane and Hampton Lane. They are now moving to Dzamba Grove. They are working on High Ridge Road beginning at Turn of River. Asphalt plants will be closing in mid-November therefore the work on the High Ridge Road will end by mid-November. The State will not allow any excavation on a State roadway through the winter.
- 2. Electrical Preventive Maintenance / Arc Flash**
Siemens has finished the verification of the data collected previously. They had a few extra days of data verification than anticipated. Siemens has submitted an additional cost for verifying the previous data. We are reviewing the days they indicate for approval. Once approved, they will complete the ARC Flash Study.
- 3. Infiltration/Inflow Sewer Rehab**
The contractor has completed the lateral grouting in the areas of:
 - Ocean Drive W. and Saddle Rock Road.
 - Carter Drive and Tupper Drive.
 - Bell Street and Atlantic Street.We are waiting for them to return to begin manhole repairs.
- 4. Modular Office Trailers for Collection System Staff / Building 6A Roofing Update**
All work on the sloped and flat roofs is complete, except for metal fascia on the flats. Drains were retrofitted and shouldn't have any leaks; however, a water test or punchlist has not been complete.



After the roof is made watertight, the asbestos and mold remediation will be part of an upcoming abatement project.

5. Painting of Final Clarifiers # 1, 2 and 4

Our painting Contractor, MacKenzie has finished Final Clarifier #4, and it is back online. Clarifier No.2 is offline, and painting is ongoing.

6. Repair of Storm Water Pumps #1 and 3 at Cummings Pump Station

New England Pump and Valve has removed Pump #3 from the pump station to their shop to disassemble, clean and inspect the pump. They submitted a Condition Report and are working on the repairs needed.

7. Sludge Degritting System Upgrade

We have cleaned Force Main #2 to the new degritting equipment. They found large stones and chunks of asphalt in the force main. The cleaning of FM #1 will be scheduled. CH Nickerson is also working on the following:

- Removing excess stockpiled material from the site.
- Start the run test on the primary sludge pumps to the new Hydro degritter.
- Grading the driveway ramp outside the primary pump station and area outside the building.
- Odor control footings have been installed. Begin reinstalling the odor control ducts.
- Install grit control panels, conduit and wire new grit snail/slurry cup (south).
- Pour and form Sludge pump #2 concrete pad and set sludge pumps #2 and associates piping.
- The 18” overflow pipe from degritting to the primary distribution box has been reinstalled.
- Demolish the second existing degritter after the new Hydro degritter run test is complete and accepted.

8. Repair/Replacement of approximately 175 LF of 12” Sewer on Edice Rd

Vitti replaced the pipe and reconnected the laterals. A CCTV inspection showed that there is one new pipe section that has a sag in the pipe. Vitti will bypass this section of pipe by installing two new manholes with 12” pipe between. The section with the sag will be abandoned.

9. Final Settling Tank No. 3 Upgrade

Tucker Mechanical agreement was signed. A pre-construction meeting will be scheduled.

PAYMENT/CHANGE ORDER LOG AS OF 2/20/2024

Sludge Degritting System Upgrade (Contractor – CH Nickerson)

Original Value of the Contract = \$ 9,165,000.00
Total Approved CO Amount = \$ 21,014.68
Contract Sum to Date = \$ 9,186,014.68

Perna Lane Sewer Extension (Contractor – Grasso)

Original Value of the Contract = \$ 8,263,194.41
Total Approved CO Amount = \$ (933,670.05)
Contract Sum to Date = \$ 7,329,524.36

Painting of Clarifiers #1,2, and 4 (Contractor – McKenzie)

Original Value of the Contract = \$ 239,355.00
Total Approved CO Amount = \$ 0
Contract Sum to Date = \$ 239,355.00

Edice Road Sewer Repair (Contractor – A. Vitti)

Original Value of the Contract = \$ 71,500.00
Total Approved CO Amount = \$ 17,915.72
Contract Sum to Date = \$ 89,415.72



Final Settling Tank No. 3 Upgrade (Contractor – Tucker Mechanical)

Original Value of the Contract = \$ 1,031,301.00

Total Approved CO Amount = \$ 0

Contract Sum to Date = \$ 1,031,301.00

Project: Sludge Degritting Improvements
 Owner: Stamford Water Pollution Control Authority
 Project No: CP1455
 Contractor: C.H. Nickerson

GF Project No: 63884
 Status as of: October 16, 2024

Item	Allowance Item	Description	Field Order /RFI No.	Date of Confirm Signature	Contractor Proposal	Contractor Proposal Amount	Agreed Upon Amount	Work Completion Status	Extension of Time (Days)	Status	Comments
	A-2	Field Order No.1 is for the issuance of updated construction drawings that addresses the clarifications in RFI Nos 12, 13 and 14.	FO#1					Pending	0	Pending	
	A-2	construction drawing E-24 changing the local control station start/stop pushbutton with an on/off selector switch.	FO#2					Pending	0	Pending	
PCO-1	CO 01	Primary pump station bldg wing wall removal	FO#3		PCCOR 03	\$20,902.80	\$15,624.33	Complete	0	Complete	Finalized For Pay Req 15
PCO-2		Primary clarifier tank launder concrete repairs	FO#4					Pending	0	Pending	SWPCA withdrew request
PCO-3		Primary distribution box slide gates replacement	FO#X					Pending	0	Pending	SWPCA confirm gates or logs
PCO-4	A-2	Primary distribution box shutdown to inspect slide gates and 6-inch cap	NA		PCCOR 04	\$7,457.70	\$4,907.59	Complete	0	Pending	Finalized For Pay Req 15
PCO-5		18-inch thickener overflow pipe replacement in PC1 pit	NA					Pending	0		Determined no CO
PCO-6		18-inch thickener overflow pipe replacement from PC1 pit to bypass tee	NA					Pending	0	Pending	CHN to provide proposal. Combine with PCO-1 Wing Wall Removal
PCO-8	A-2	the yard - plumbers and operators OT. Install trench box for gravity thickener overflow camera inspection by SWPCA	NA		PCCOR 05	\$19,683.39	\$13,484.17	Complete	0	Complete	Finalized For Pay Req 15
PCO-9	A-2	PC2 sludge line break - cleanout sewage inside excavation	NA		PCCOR 01	\$23,979.00	\$18,820.81	Complete	0	Complete	Finalized For Pay Req 15
PCO-10	CO 01	Work to correct the Odor Control Supportrs	NA		PCCOR 02	\$7,755.82	\$5,390.35	Complete	0	Complete	Finalized For Pay Req 15
PCO-11	A-2	Plug installed in abandoned line from D box	NA		PCCOR 06	\$6,562.18	\$6,562.18	Complete	0	Complete	Finalized For Pay Req 15
Total	CO 01	PCCOR 02, 03					\$21,014.68				
Total	A-2	PCCO 01, 04, 05 ,06 Total					\$43,774.75				

Allowance No.	Description	Allowance Value	Change	Remaining
A-1	Primary Sludge Degritting System Allowance	\$790,000.00	\$0.00	\$790,000.00
A-2	Construction Contingency Allowance	\$150,000.00	\$0.00	\$150,000.00
A-3	Hazardous Materials Allowance	\$25,000.00	\$0.00	\$25,000.00
	Total	\$965,000.00		\$965,000.00

Unit Cost	Description	Unit	Estimated Qty	Unit Cost	Price
UP-1	Loading, Transportation and Disposal of Polluted Soil	Tons	\$1,450.00	\$51.00	\$73,950.00
UP-2	Loading, Transportation and Disposal of Contaminated Soil	Tons	\$1,450.00	\$126.00	\$182,700.00
	Total				\$256,650.00

Project: Perna Lane Sanitary Sewer Extension
Owner: Stamford Water Pollution Control Authority
Project No: C22046
Contractor: The Grasso Companies, LLC

Status as of: October 16, 2024

Item	Allowance Item	Description	Contractor Proposal Amount	Agreed Upon Amount	Work Completion Status	Extension of Time (Days)	Comments
PCO-1	1-1	Lateral for 1239 High Ridge Road	\$ 16,329.95	\$ 16,329.95	Complete	0	Finalized For Pay Req 2
PCO-2	2-Jan	Delete Uniformed Traffic Officers	\$ (950,000.00)	\$ (950,000.00)	Complete	0	Finalized For Pay Req 2
Total	CO 01	PCCOR 02, 03		\$ (933,670.05)			

Project: Edice Road

Owner: Stamford Water Pollution Control Authority

Project No: CP4242

Contractor: A. Vitti Excavators, LLC

Status as of:

Item	Description	Date of Confirm Signature	Contractor Proposal	Contractor Proposal Amount	Agreed Upon Amount	Work Completion Status
CO-01	Additional Materials Required		CO-01	\$ 9,659.62	\$ 9,659.62	Complete
CO-02	Water Line Relocation		CO-02	\$ 8,256.10	\$ 8,256.10	Complete
CHANGE ORDER TOTAL					\$ 17,915.72	