



FARMINGTON WATER POLLUTION CONTROL AUTHORITY MEETING

DATE: Wednesday, January 11th, 2023

TIME: 7:00 p.m.

PLACE: Farmington WPCF 1 Westerberg Drive & Online Meeting (Covid-19)

Meeting Log in Information:

Please click the link below to join the webinar:

<https://us02web.zoom.us/j/84122616114>

Telephone:

US: +1 646 558 8656

Webinar ID: 841 2261 6114

A. **PUBLIC HEARINGS**

B. **CALL REGULAR MEETING TO ORDER**

C. **ACCEPTANCE OF MINUTES**

Motion: To accept the minutes of the December 14th, 2022 meeting

D. **ORAL PETITIONS – PUBLIC COMMENTS**

E. **COMMUNICATIONS / REPORTS**

1. WPCF Monthly Operating Report Summary December 2022.

F. DIRECTOR OF PUBLIC WORKS / PROJECT ENGINEER'S REPORT

1. Current report dated December 2022.
2. Listing of Properties with Sewer Permits Issued in December.

G. NEW BUSINESS

1. Review Budget Expenditures and Revenues for 2023-2024.

H. UNFINISHED BUSINESS

I. PUBLIC CORRESPONDENCE (Odor complaints, sewer problems, etc.)

J. EXECUTIVE SESSION

K. ANY OTHER BUSINESS THAT MAY COME BEFORE THE AUTHORITY

L. ADJOURNMENT

c.c.

WPCA Members
Town Council Members, e-mail
Maureen Frink, Town Clerk
Tracy Morrocco, Assistant Town Clerk
Devon Aldave, e-mail
Bruce Cyr, e-mail
Joseph Swetcky, e-mail
Russ Arnold, e-mail
Kathy Blonski, e-mail
Everbridge



WPCF SUMMARY REPORT DECEMBER 2022

	MIN.	MAX.	AVG.
FLOW (MILLION GALLONS PER DAY)	2.6	4.9	3.3
BIO-CHEMICAL OXYGEN DEMAND (mg/L)	INF.	EFF.	Removal Efficiency
	263	6.8	97.4%
SUSPENDED SOLIDS (mg/L)	INF.	EFF.	Removal Efficiency
	397	6.4	98.4%
EFFLUENT AMMONIA (NH3-N) (mg/L)		EFF.	Permit Limit: N/A*
		0.41	
TOTAL NITROGEN REMOVAL (Lbs/Day)	INF.	EFF.	Removal Efficiency
	962	144	88.2%
TOTAL EFFLUENT NITROGEN (Lbs/Day)		EFF.	Permit Limit: 178 Lbs/Day
		144	34 Lbs Under Limit
TOTAL PHOSPHOROUS (Lbs/Day)	INF	EFF.	Permit Limit: N/A*
	116.29	71.92	
TOTAL EFFLUENT PHOSPHOROUS (mg/L)		EFF.	Permit Limit: N/A*
		3.08	
BIOSOLIDS (Lbs)	AVG % Solid	Daily	Monthly Total
	20.28%	5,946	112,977
E.coli (Geometric mean)		EFF.	Permit Limit: 126 colonies/100mL
		N/A*	N/A*

N/A* - Monitoring not required during this period

WPCA Project Update Report

January 11th, 2023

Private Sewer Construction:

A. Yorkshire Condominiums

1. Developers Sewer Permit Agreement for Phase 2 and payment have been received.
2. Work continues as necessary.
3. Main line has been completed; developer is making connections to buildings as they are being built.

B. Willow Brook Estates

1. Intermunicipal Agreement with Town of Plainville and Developers Sewer Permit Agreement have been completed and payment has been received.
2. Work on Phase 3 – Connection to Farmington on-going
3. Connection to Farmington Sewer in Laurel Lane has been completed. Working on remaining phase.
4. Main line and laterals have been completed through Phase 3. Fourth phase to commence in spring 2023.

C. Orchard Heights (West Hartford)

1. All lots are located within the Town of West Hartford and the Developers Sewer Permit Agreement has been completed with the Metropolitan District. The Town of Farmington has amended its Sewer Permit Agreement with the Metropolitan District.
2. Main line connection has been made within Middle Road.

Public Sewer Construction/Repair:

A. Steven Circle

1. Developers Sewer Permit Agreement and payment have been received.
2. Installation has been completed. Awaiting installation of inverts and air test.
3. All work approved and connection to Bridgehampton approved and completed.

B. Bridgehampton – Final Phase

1. Developers Sewer Permit Agreement and payment has been received.
2. Final Testing has been completed and approved.

Sewer Pump Station Construction/Repairs:

A. Tunxis Pump Station

1. On December 14th, operators and maintenance installed a new block heater at the Tunxis pump station. Pump #1 was also pulled with rags and debris found in the impeller.

B. Batterson Park Pump Station

1. On December 16th, operators completed landscaping at the Batterson Park pump station. Half-inch stone was spread and added to the fence line to help with drainage.

C. Centerbrook, Hyde, & Patrick Flood Pump Stations

1. On December 23rd, all three stations were running under generator power due to high winds. The stations ran without incident and power was restored later in the day.

D. Devonwood & Westfarms Pump Station

1. On December 28th, operators installed new garage door seals at both stations. Louvers were shut and stations were checked for winterization.

Pump Station Upgrades and Collection Systems

1. In the month of December, WPCF personnel jetted Bridgehampton Crossing, Plainville Avenue, and Pinnacle Ridge.
2. In the month of December, WPCF personnel cleaned and Vac'd the flow meter manhole on Plainville Avenue. During routine jetting, operators noticed the manhole was surcharged. Upon inspecting the next manhole, it was discovered the flow meter and cable had fallen off the mount and was laying in the channel, starting a backup. Operators cleared the blockage and re-mounted the flow meter; Plainville WPCF was also contacted.
3. WPCF personnel continued to camera and look for problem areas in sewer and storm drain lines. In the month of December, operators used the camera to inspect Old Village and Coppermine storm lines.
4. Throughout the month of December, operators continued to clear the Pinnacle Ridge ROW. Bridgehampton ROW is also being worked on throughout the winter.
5. In the month of December, operators worked with Highway cleaning out storm drains and using the sewer camera to help identify problem areas.

WPCF:

A. Repairs and Maintenance at WPCF

1. On December 5th, operators installed a new sample sink in the primary basement. This allows samples for the waste lines in addition to the recycle lines.
2. On December 17th, operators and maintenance exercised and greased the effluent slide gate.
3. On December 19th, plant maintenance and operations changed oil and greased both waste pumps in the RAS basement.
4. On December 20th, operators performed maintenance on the odor control units #1, #2, #3, & #4.
5. On December 20th, WPCF maintenance began pulling the UVs, inspecting bulbs, cleaning systems and fluids. This will continue through January until all banks are completed and ready for install in late March.
6. On December 22nd, operators received a fault for Anoxic mixer 1b. The overtemp fault was caused by a damaged wire. New wires were pulled, and the mixer was put back online.
7. On December 26th, operators noticed a small leak in the spray line for the Final Clarifiers. Water was shut off to the lines and the leak is being investigated.

B. CT DEEP Updates

C. Plant Upgrades

1. The Farmington WPCF was under its Nitrogen Permit (178 lbs) in December by 34 lbs, with total lbs 144 lbs respectively. The fermentation tank continues to perform well and will continue to help monthly nitrogen totals decrease with the production of additional VFA's/BOD.
2. JKB Consulting finalized the SWPPP in January 2020. This new permit is now in effect and includes (weekly, monthly, and quarterly inspections) and semi-annual sampling and toxicity testing.

D. Inter-Town Sewer Use Agreements

1. The Avon flow meter was calibrated by the manufacturer's representative on June 10th, 2022, with both towns present. Farmington and Avon WPCF personnel have been meeting at the meter vault monthly (weather depending) to check and verify operation.

E. WPCF Safety Initiatives

1. On October 19th, Santo Manicone held a Confined Space Training class with plant personnel and the Uconn Fire Department.
2. On March 29th Santo Manicone worked with plant management to update the Confined Space Program. These changes will help make the program more efficient while transferring the program online. He will continue the Town's OSHA consulting services and help to streamline our safety program.

PLAN REVIEWS/APPROVALS

- A. Lot 8517& 8518 – TPZ Application. The plan is for a proposed 25-Lot cluster subdivision. Plan proposes to connect to the existing sanitary sewer mainline in Morea Road

SANITARY SEWER LATERAL REPORT
DECEMBER 2022

SEWER PERMIT #	ZONE	LOT #	STREET #	STREET NAME	DATE PERMIT ISSUED	DATE CONNECTED	DEVELOPERS CONNECTION FEE	CONNECTION CHARGE	ASSESSMENT		PAID	COMMENTS
									PROJECT	FEE		
83636	R		1	FENWICK DR	12/14/22	12/14/22	N/A	N/A	N/A	N/A	N/A	Repair of existing sewer lateral
83625	R		152	WILLOW BROOK DR	12/14/22		\$1,000.00	N/A	N/A	N/A	✓	\$1000 Fee collected with the Building Permit
83582	R		32	ROBIN RD	12/21/22		N/A	N/A	N/A	N/A	N/A	Repair of existing sewer lateral
83557	R		138	WILLOW BROOK DR	12/03/22		\$1,000.00	N/A	N/A	N/A	✓	\$1000 Fee collected with the Building Permit
83551	R		125	WILLOW BROOK DR	12/01/22		\$1,000.00	N/A	N/A	N/A	✓	\$1000 Fee collected with the Building Permit
83547	R		37	TANBARK TRAIL	12/01/22		\$2,000.00	N/A	N/A	N/A	✓	Fee collected (\$1000 to TOF and \$1000 to Millennium Builders)



FARMINGTON WATER POLLUTION CONTROL AUTHORITY MEETING
Meeting Minutes
Wednesday, December 14th, 2022
Farmington WPCF, 1 Westerberg Drive & Online Meeting (Covid-19)

A. PUBLIC HEARINGS

None

B. REGULAR MEETING

Chairman James Foote called the meeting to order at 6:01 P.M. on Wednesday December 14th, 2022.

Members Present: Chairman James Foote, Vice Chairman Kevin Ray, Secretary Phil Cordeiro, Phil Dunn.

Members Attending Remotely (Zoom): N/A

WPCF Staff Present: Mark Batorski, WPCF Superintendent

Also Attending Remotely (Zoom): N/A

C. NEW BUSINESS

D. ACCEPTANCE OF MINUTES

Motion: To accept the minutes of the Wednesday November 9th, 2022 Meeting.

Upon a motion duly made and seconded, (Ray/Dunn) the Authority

Voted: To accept the minutes of the Wednesday November 9th, 2022 Meeting.

Motion Passed

E. ORAL PETITIONS – PUBLIC COMMENTS

None

F. COMMUNICATIONS / REPORTS

- D. WPCF Monthly Operating Report Summary November 2022. Mark Batorski informed the authority that operations met all monthly regulatory requirements.

F. DIRECTOR OF PUBLIC WORKS / PROJECT ENGINEER'S REPORT

1. Current reported dated November 2022 – Mark Batorski, WPCF Superintendent, briefed the Authority on the following projects:

Private Sewer Construction

1. **Yorkshire Condominiums:**

Developers Sewer Permit Agreement for Phase 2 and payment has been received. Work continues as necessary.

Main line has been completed; developer is making connections to buildings as they are being built.

2. **Willow Brook Estates**

Intermunicipal Agreement with Town of Plainville and Developers Sewer Permit Agreements have been completed and payment has been received. Work on Phase 3 (Connection to Farmington is ongoing). Connection to Farmington Sewer in Laurel Lane has been completed. Working on remaining phase.

Main line and laterals have been completed through Phase 3. Fourth phase to commence in spring 2023.

Public Sewer Construction & Repair

1. None

Sewer Pump Station Construction and Repairs

A. Snowberry & Centerbrook Pump Stations

1. On November 10th, operations and maintenance performed annual generator maintenance at the Snowberry & Centerbrook Pump Stations.

B. Batterson Park Pump Station

1. On November 11th, operators pumped out the flow meter vault at the Batterson Park pump station.

C. Hyde & Uconn Pump Station

1. On November 23rd, McVac pumped out both Hyde Road & Uconn Pump Stations. These stations are typically cleaned yearly to keep grit and debris from getting into the pumps.

D. Westfarms Pump Stations

1. On November 28th, operators and maintenance reset a pump fail alarm at the Westfarms Pump Station. These have been coinciding with the generator exercising and may be related to a harmonic balance/frequency.

Pump Station Control, Collection System, and I & C Systems

1. In the month of November, WPCF personnel jetted Bridgehampton Crossing, Forest Drive & Pinnacle Road.
2. In the month of November, WPCF personnel cleaned the septic tanks at the Mead.
3. WPCF Personnel continued to camera and look for problem areas in sewer and storm drain lines. In the month of November, operators used the camera to inspect the ROW on Tunxis Road.
4. Throughout the month of November, operators continued to clear ROW's and jet as weather permitted.
5. In the month of November, operators worked with Highway cleaning out storm drains and using the sewer camera to help identify problem areas.

WPCF Repairs and Upgrades

1. On November 1st, operators drained all valve pits in the plant and covered on-standby pits for winterization.
2. On November 3rd, operators and maintenance flushed the discharge lines on primary pump #1.
3. On November 4th, plant maintenance and operations cleaned both screens on the dewatering system. The nozzles and jets were also flushed.
4. On November 8th, operators changed the oil on the gear vortex for the grit system and greased the motors.
5. On November 20th, WPCF maintenance greased and changed in RAS pumps #1, #2, #3, & #4.
6. On November 21st, a new drain system was installed for primary sampling. This will assist in tracking VFA's in the fermentation tank.

CT DEEP Updates

Plant Upgrade

1. The Farmington WPCF was under its Nitrogen Permit (178 lbs.) in November by 39 lbs., with total lbs. 139 lbs. respectively. The fermentation tank continues to perform well and will continue to help monthly nitrogen totals decrease with the production of additional VFA's/BOD.
2. JKB Consulting finalized the SWPPP in January 2020. This new permit is now in effect and includes (weekly, monthly, and quarterly inspections) and semi-annual sampling and toxicity testing.

Inter-Town Sewer Use Agreements

1. The Avon flow meter is scheduled to be calibrated by the manufacturer's representative on June 10th, 2022, with both towns present. Farmington and Avon WPCF personnel have been meeting at the meter vault monthly (weather depending) to check and verify operation.

WPCF Safety Initiatives

1. On October 19th, Santo Manicone held a Confined Space Training class with plant personnel and the Uconn Fire Department.
2. On March 29th, Santo Manicone worked with plant management to update the Confined Space Program. These changes will help make the program more efficient while transferring the program online. He will continue the Town's OSHA consulting services and help to streamline our safety program.

Plan Reviews/Approvals

A. N/A.

G. **Unfinished Business**

H. **Public Correspondence**

I. **ANY OTHER BUSINESS THAT MAY COME BEFORE THE AUTHORITY**

J. **ADJOURNMENT**

Motion: To adjourn the December 14th, 2022, WPCA in person and online meeting

Upon a motion duly made and seconded, (Cordeiro/Dunn) the Authority

Voted: To adjourn at 6:10 P.M.

Motion Passed

Respectfully submitted,
Mark Batorski, Superintendent
Water Pollution Control Facility

Cc:

WPCA Members, email
Town Council Members, email
Devon Aldave, email
Tax Collector, email
Town Clerk, email
Bruce Cyr, email
Everbridge