



FARMINGTON WATER POLLUTION CONTROL AUTHORITY MEETING

DATE: Wednesday, December 14th, 2022

TIME: 6:00 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 November 9th, 2022 meeting

- D. ORAL PETITIONS – PUBLIC COMMENTS

E. COMMUNICATIONS / REPORTS

1. WPCF Monthly Operating Report Summary November 2022.

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

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

G. NEW BUSINESS

H. UNFINISHED BUSINESS

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

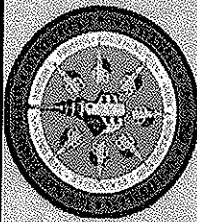
J. EXECUTIVE SESSION

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 NOVEMBER 2022

	MIN.	MAX.	AVG.
FLOW (MILLION GALLONS PER DAY)	2.4	3.2	2.7
BIO-CHEMICAL OXYGEN DEMAND (mg/L)	INF.	EFF.	Removal Efficiency
	387	5.6	98.6%
SUSPENDED SOLIDS (mg/L)	INF.	EFF.	Removal Efficiency
	509	7.3	98.6%
EFFLUENT AMMONIA (NH3-N) (mg/L)		EFF.	Permit Limit: N/A*
		0.17	
TOTAL NITROGEN REMOVAL (Lbs/Day)	INF.	EFF.	Removal Efficiency
	853	139	83.7%
TOTAL EFFLUENT NITROGEN (Lbs/Day)		EFF.	Permit Limit: 178 Lbs/Day
		139	39 Lbs Under Limit
TOTAL PHOSPHOROUS (Lbs/Day)	INF.	EFF.	Permit Limit: N/A*
	122	59	
TOTAL EFFLUENT PHOSPHOROUS (mg/L)		EFF.	Permit Limit: N/A*
		2.72	
BIOSOLIDS (Lbs)	AVG % Solid	Daily	Monthly Total
	21.09%	7,104	134,967
E.coli (Geometric mean)		EFF.	Permit Limit: 126 colonies/100mL
		N/A*	N/A*

N/A* - Monitoring not required during this period

SANITARY SEWER LATERAL REPORT
NOVEMBER 2022

SEWER PERMIT #	ZONE	LOT #	STREET #	STREET NAME	DATE PERMIT ISSUED	DATE CONNECTED	DEVELOPERS CONNECTION FEE	CONNECTION CHARGE	ASSESSMENT			PAID	COMMENTS
									PROJECT	FEE			
83298	R		45	SPRING LA	11/01/22	11/14/22	N/A	N/A	N/A	N/A	N/A	Repair of existing sewer lateral	
83365	R		44	PAUL SPRING RD	11/04/22		N/A	N/A	N/A	N/A	N/A	Repair of existing sewer lateral	
83390	R	9297	3	DUNSTABLE CLOSE	11/08/22	11/10/22		\$1,000.00	SS & III	\$1,180.10	✓	\$1000 Fee collected with the Building Permit and the \$1180.10 is collected from WWDII Atty.	
83413	R	9287	52	BRIDGEHAMPTON CROSSING	11/09/22			\$1,000.00	SS & III	\$1,180.10	✓	\$1000 Fee collected with the Building Permit and the \$1180.10 is collected from WWDII Atty.	
83485	R		23	MAPLE RIDGE DR	11/21/22	11/21/22	N/A	N/A	N/A	N/A	N/A	Repair of existing sewer lateral	
83517	R		12	SEQUASSEN RD - Unit 14	11/29/22		N/A	N/A	N/A	N/A	N/A	Repair of existing sewer lateral	

WPCA Project Update Report

December 14th, 2022

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.**

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 have been received.
 - 2. Final Testing has been completed and approved.

Sewer Pump Station Construction/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 Stations**
 - 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 State Pump Station

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 Upgrades and Collection Systems

1. In the month of November, WPCF personnel jetted Bridgehampton Crossing, Forest Drive and Pinnacle Road. Maple Ridge Road to the pump station was also jetted and Vac'd.
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. The corner of Woodside and Coppermine Road was also camera'd for drainage issues.
4. Throughout the month of November, operators continued to clear ROW's and jet as weather permitted.
5. In the months of November, 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 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.

B. CT DEEP Updates

C. Plant Upgrades

1. The Farmington WPCF was under its Nitrogen Permit (178 lbs) in October 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.

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. None



FARMINGTON WATER POLLUTION CONTROL AUTHORITY MEETING
Meeting Minutes
Wednesday, November 9th, 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 7:01 P.M. on Wednesday, November 9th, 2022.

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

Members Attending Remotely (Zoom): Jennifer Wynn

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, October 12th, 2022 meeting.

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

Voted: To accept the Minutes of the Wednesday, October 12th, 2022 meeting.

Motion Passed

E. ORAL PETITIONS – PUBLIC COMMENTS

None

F. COMMUNICATIONS / REPORTS

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

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

1. Current report dated October 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 have been received. Work continues as necessary.

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.

Public Sewer Construction & Repair

1. None.

Sewer Pump Station Construction and Repairs

A. Tunxis Pump Station

1. On October 10th, operators and maintenance responded to a fault on pump #1 at the Tunxis pump station. The pump was reset, and the pump ran without further incident.

B. Oakland Pump Station

1. On October 19th, operators and maintenance installed the new pump at the Oakland Gardens Pump Station. A new motor and volute were also installed, these replaced the original pump station equipment.

C. Batterson Park Pump Station

1. On October 20th, plant maintenance installed new stainless-steel chain and O rings at the Batterson Park Pump Station. There were no cables originally installed with the pump station upgrade, these will help with pump maintenance and cleaning.

D. Hyde Road Pump Stations

1. On October 22nd, operators and maintenance installed a new pump at the Hyde Road Pump Station. The old existing pump will have new seals and bearings installed and be used as a critical spare.

E. Westfarms Pump Station

1. On October 23rd, operators and maintenance repaired the permanganate line at the Westfarms pump station. The permanganate is used to help with H₂S and odor control in the line to the Batterson Park Pump Station.

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

1. In the month of October, WPCF personnel jetted Beechwood Road, Candlewood Lane, Crosswood Road, Gillett Way, Highwood, Knollwood Road, Pinewood Drive and Northwoods Road.
2. In the month of October, WPCF personnel assisted Highway in jetting the building drains in the garage.
3. WPCF personnel continued to camera and look for problem areas in sewer and storm drain lines. On October 18th, plant personnel camera'd the influent vault in the Headworks building in order to set primary sample tubing.
4. Throughout the month of October, operators continued to clear ROW's and jet as weather permitted.

5. In the month of October, operators worked with Highway cleaning out storm drains and using the sewer camera to help identify problem areas.
6. In the month of October (19th & 29th), operators cleaned two lines in Bridgehampton Crossing after manholes were hit by vehicles. The lines were vac'd and cleaned for debris, manholes were also set.

WPCF Repairs and Upgrades

1. On October 12th, operators flushed all grit lines and cleaned the vortex in preparation for winter.
2. On October 14th, operators and maintenance worked on installing new batteries on the UPS units in the I & C panels. These help to provide backup power in the event of an extended power outage.
3. On October 19th, plant maintenance and operations fabricated new support brackets for the Headwords water lines. This will help to support the lines from water hammer and pressure surges.
4. On October 23rd, operators ran the Effluent pumps #1, #2 and #3. These are exercised monthly in preparation for high flow events.
5. On October 25th, operators pumped out the flow meter vaults and electrical manholes in preparation for winter.
6. On October 26th, plant personnel changed the transmission fluid in the F150 and fixed a hole in the rear panel. This truck is primarily used for stations while the new F-250 (ordered) will be used for maintenance and plowing.

CT DEEP Updates

Plant Upgrade

1. The Farmington WPCF was under its Nitrogen Permit (178 lbs.) in October by 35 lbs., with total lbs. 143, 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. On October 31st, both the UV and Phosphorus testing was completed for the season.
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 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.

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. 80 South Road – Inland Wetlands Commission application for 65 apartments. Plan proposes to connect to existing sanitary sewer in South Road. Plan approved by IWC and is awaiting vote by the TPZ.
- B. 114 Red Oak Hill Road – Inland Wetlands Commission application for four (4) new residential single-family homes. Road and sewer will be private and sewer will connect to Dominique Court off Coppermine Road. Plan approved by IWC and is awaiting vote by the TPZ.
- C. Lot 8120 and 8122 Colt Highway – Inland Wetlands Commission application for self-storage buildings across from 242 Colt Highway. Application denied by IWC.
- D. 30 Mill Street – TPZ application for demo of existing building and construction of new multi-use building with 24 apartments and commercial business. Self-storage buildings across from 242 Colt Highway. Application denied by IWC.

G. Unfinished Business

H. Public Correspondence

I. ANY OTHER BUSINESS THAT MAY COME BEFORE THE AUTHORITY

J. ADJOURNMENT

Motion: To adjourn the November 9th, 2022, WPCA in person and online meeting

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

Voted: To adjourn at 7:24 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