



**FARMINGTON WATER POLLUTION CONTROL AUTHORITY
Meeting Minutes
Wednesday, November 13th, 2019**

A. PUBLIC HEARINGS

None

B. REGULAR MEETING– (Water Pollution Control Facility)

Chairman James Foote called the meeting of the Farmington Water pollution Control Authority to order at 7:00 P.M. on Wednesday November 13th, 2019.

Members Present: Chairman Peter Bagdigian, Vice Chairman James Foote, Kevin Ray

Members Absent: Jennifer Wynn, Philip Cordeiro

WPCF Staff Present: Mark Batorski, WPCF Superintendent.

C. ACCEPTANCE OF MINUTES

Motion: To accept the minutes of the Wednesday September 11th, 2019 meeting.

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

Voted: To accept the minutes of the Wednesday September 11th, 2019 Meeting.

Motion Passed

Table for the Wednesday October 9th, 2019 minutes, insufficient quorum.

D. ORAL PETITIONS – PUBLIC COMMENTS

None

E. COMMUNICATIONS / REPORTS

1. WPCF Monthly Operating Report Summary October 2019. Mark Batorski informed the authority that operations met all regulatory requirements. (See Attached)

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

1. Current reported dated October 2019 – Mark Batorski WPCF Superintendent briefed the Authority on the following projects:

Private Sewer Construction

1. Tanbark Trail (Phase 2): Work has been completed and home construction has commenced.
2. Sachem Court (Formerly Maied Manor): Work has been completed and home construction will commence soon.

Public Sewer Construction

1. No report

Sewer Pump Station Construction and Repairs

A. Harlan Road Pump Station

1. On Thursday October 31st, 2019 NorCom CT, NIC systems and WPCF Operators finished the radio communication and level control equipment upgrade for Harlan Road. These upgrades will help the efficiency of the station and will remove the existing bubblers which were in service for over 40 years. Primary pressure transducers now control the level along with backup floats.

B. South Road & Devonwood Pump Stations

1. South Road and Devonwood Pump Station upgrades are in progress. On October 31st, 2019 Devonwood pump was running under generator due to inclement weather.

C. Snowberry Pump Station

1. On October 31st, 2019 Snowberry pump station was running under generator power due to inclement weather. Pump #2 also faulted on high temperature but was reset without issue. This was related to power losses during the storm.

D. Patrick Flood Pump Station

1. On Wednesday October 30th, 2019 operators discovered a faulty control valve for the natural gas on the generator. Parts are currently on order and a standby generator is set up in case of emergency. Quick connects are being installed at Patrick flood for the standby generator, along with several other stations.

E. West Farms Pump Station

1. On October 31st, 2019 WPCF Staff responded to a high wet well and pump failure at the West farms pump stations. Operators were able to restart the pumps, the station was monitored throughout the night (inclement weather).

Pump Station Control and Radio Communication Systems

1. An operational assessment has been completed for all of the pump station radio communication systems. This assessment will determine what equipment upgrades are necessary to ensure clear signal communication and processing for all pump station alarms and operational data.
2. A majority of the pump stations require some form of equipment upgrade to ensure the reliability communication systems. Five pump stations are receiving new control panels with integrated radio communications and level control equipment. This will be a significant project, however the WPCF are looking at cost effective alternatives.
3. Staff and the contractor are in the process of completing this work while streamlining all pump station and plant communication.

WPCF Repairs and Upgrades

A. Repairs and Up-grades at WPCF

1. On October 31st, 2019 several operators responded to numerous alarms at the plant and stations due to the inclement weather.
2. A new hot water heater was installed in the chemical in order to meet code for the eyewash stations and backflow preventers.
3. Operations Supervisor and Lab analyst upgraded testing procedures to ensure quality control and efficiency for BOD testing (upgraded Seed and DI water for constant variable).

4. Final Clarifier #3 was drained and inspected before winter. Several bolts were tightened and replaced with lock washers.
5. Primary influent channel was drained and prepped for winterization.

CT DEEP Updates

1. The New Farmington WPCF NPDES Permit #0100218 went into effect September 1st, 2019.
2. The CT DEEP has renewed The General Permit for Nitrogen Discharges, effective January 1, 2019 through December 31, 2023. The General Permit limits will remain the same as the current permit.
3. WPCF staff attended training for use of the online reporting system of sewer bypasses, effluent noncompliance, and equipment failures.
4. The annual EPA Biosolids Report for the WPCF has been submitted.

Plant Upgrade

1. Primary Sludge Pump #4 has been installed and aligned, this was verified onsite by Nickerson.
2. The Huber Press Panel received an ILF fault between the panel and VFD (communication error). A root cause for this failure is still being investigated.
3. The headworks building had a new pressure reducing valve and arrestor installed to help with the water hammer on the effluent flushing water line. Operators will continue to monitor this area in order to make sure no further breaks or cracks develop.
4. WPCF Staff are currently working with Wright Pierce to optimize process control. This optimization will be ongoing throughout all seasons.
5. Punchlist and finish work is still being addressed throughout the site.
6. JKB Consulting conducted the site inspection on October 25th, 2019.

Inter-Town Sewer Use Agreements

1. The Avon flow meter was calibrated by the manufacturer's representative in September 2019 with staff from both towns present.

WPCF Safety Initiatives

1. Dean Jendsen from CPI Northeast is scheduled for Quarterly safety training this December.
2. CONN-OSHA issued the final inspection report for the WPCF and the 6 items listed have all been addressed and completed.

PLAN REVIEWS/APPROVALS

G. NEW BUSINESS

H. WPCF PLANT UPGRADE

1. JKB Consulting Site Inspection

I. EXECUTIVE SESSION

None

J. ANY OTHER BUSINESS THAT MAY COME BEFORE THE AUTHORITY

K. ADJOURNMENT

Motion: To adjourn the November 13th, 2019 WPCA Meeting

Upon a motion duly made and seconded (Bagdigian/Foote) the Authority voted unanimously.

Voted: To adjourn at 7:35 PM, Motion Passed

Respectfully submitted,
Mark Batorski, Superintendent
Water Pollution Control Facility

cc.

WPCA Members

Town Council Members, email

Deb Bull, email

Tax Collector, email

Town Clerk, email

Bruce Cyr, email

Everbridge

WPCF SUMMARY REPORT OCTOBER 2019

FLOW (MILLION GALLONS PER DAY) DAILY TOTAL	MIN.	MAX.	AVG.	
	2.3	3.4	2.7	
BIO-CHEMICAL OXYGEN DEMAND - MG/L (AVE)	INF.	EFF.	Removal efficiency	
	657	4.2	99.4%	
SUSPENDED SOLIDS MG/L (AVE)	INF.	EFF.	Removal efficiency	
	713	7.4	99.0%	
Effluent Nitrogen Ammonia (NH3-N) (PPM)			Permit Limit 11.6	
Total Nitrogen Removal (Lbs / Day)	INF.	EFF.	Removal efficiency	
	1080	277	74.35%	
Total Nitrogen Average Lbs / Day		EFF.	Permit Limit 178 Lbs / Day	
		277	99 Lbs over limit	
Total Phosphorus Average Lbs / Day	INF	EFF.	Permit Limit 70.11 LBS/DAY	
	130.54	32.03		
Total Phosphorus MG/L (AVE)		1.44	Permit Limit 3.11	
Biosolids - Lbs. (22.21% Avg. solids content)		Daily	Total	
		6,873	151,207	
E-Coli, Geometric mean		EFF.	Permit Limit 126/100mL	
		2.62		