



**FARMINGTON WATER POLLUTION CONTROL AUTHORITY**  
**Meeting Minutes**  
**Wednesday, September 9th, 2020**  
**Farmington WPCF, 1 Westerberg Drive & Online Meeting (Covid-19)**

**A. PUBLIC HEARINGS**

None

**B. REGULAR MEETING**

Chairman Peter Bagdigian called the online meeting to order at 7:01 P.M. on Wednesday September 9th, 2020.

**Members Present:** Chairman Peter Bagdigian, Vice Chairman Jim Foote, Kevin Ray.

**WPCF Staff Present:** Mark Batorski, WPCF Superintendent, Russell M Arnold, Jr., P.E. Public Works Director/Town Engineer.

**Also Attending (Zoom Online):** Philip Cordeiro, Jennifer Wynn.

**C. ACCEPTANCE OF MINUTES**

**Motion:** To accept the minutes of the Wednesday July 8th, 2020 Meeting.

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

Voted: To accept the minutes of the Wednesday July 8th, 2020 Meeting.

**Motion Passed**

**D. ORAL PETITIONS – PUBLIC COMMENTS**

**None**

**E. COMMUNICATIONS / REPORTS**

1. WPCF Monthly Operating Report Summary July & August 2020. Mark Batorski informed the authority that operations met all regulatory requirements.

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

1. Current reported dated July & August 2020 – 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.

**2. Sachem Court-Formerly Maied Manor – New Britain Avenue**

Developers Sewer Permit Agreement and payment has been received. Work has been completed, home construction to commence soon.

**Public Sewer Construction & Repair**

**1. Steven Circle**

Installation has been completed, awaiting installation of inverts and air test. Owner is currently awaiting completion and acceptance of Bridgehampton Sewer before they can construct and connect any homes.

**2. Bridgehampton – Final Phase**

Sewer has been installed, awaiting final testing and approval.

## **Sewer Pump Station Construction and Repairs**

### **A. Avon 21 and Crocus Lane Flow Meter Vaults**

1. On July 16<sup>th</sup>, 2020 the flow meters for Avon 21 and Crocus lane were calibrated by Endress Hauser, both meters were well under the MPE (Max Permissible Error) of 5%.

### **B. Westfarms Pump Station**

1. On August 18<sup>th</sup>, 2020 operators installed a new pump at the Westfarms pump station. Both pump #1 and #2 have had their motors and pumps completely replaced and/or rebuilt. There is also a spare pump and critical spare parts for the station.

### **C. Batterson Park Pump Station**

1. On August 26<sup>th</sup>, 2020 a leak in the ring of the Onelift station was detected by the Farmington building inspector and plant personnel, (more detail will follow in the Batterson upgrade section).

### **D. Tunxis Road Pump Station**

1. On August 31<sup>st</sup>, 2020 operators began working on the last I & C control for the pump station upgrade. Once the area is marked out (CBYD) operators will begin digging the old conduit out and install new wiring and cabinets.

## **Pump Station Control and Radio Communication Systems**

1. On August 26<sup>th</sup>, 2020 a leak in the ring of the Onelift station was detected by the Farmington building inspector and plant personnel. Savvy and Sons were called in to inspect and find a solution for the infiltration. Savvy and Sons recommended injecting the bottom ring (where infiltration was) with epoxy which would coat the entire inside and outside of the rings, while adding an extra 125 ml of thickness on the entire station. This would bring the total coating to 250ml on the entire wet well plus the injection sites, including a 20-year warranty. The town also agreed to have the second ring injected as an extra precaution. All work was completed on Friday August 28<sup>th</sup>, (pictures attached). A new odor control unit and pole will also be added to the property for RTU telemetry. The driveway and sidewalks will be extended to grant access to each area for any future maintenance (pictures attached).

2. In the month of July operators and the electrician finished measuring the length of all pump station transducers and types of control relays. Operations and maintenance will be working to streamline these critical parts for all stations in order to increase efficiency and maintenance.
3. On July 18th, 2020 plant personnel finished cleaning and painting the Oakland Garden pump station.
4. On August 25<sup>th</sup> plant operators jetted and cleaned Farmington center Plaza (Starbucks, Shell Station, etc.).
5. On August 26<sup>th</sup>, plant operators jetted and cleaned Unionville Center & the Stop & Shop Plaza.
6. On August 27<sup>th</sup>, plant operators jetted and cleaned Route 4 in Unionville and the intersection with incoming Avon flow.
7. Devonwood and South Road Pump Stations had new Motorola's installed, staff and NorcomCT are currently working on the remaining stations.

### **WPCF Repairs and Upgrades**

1. On July 5th, 2020, operators cleaned transfer pump #1 and replaced the bottom bolt on the top lobe. Discoloration from heat was noted on the cover, a different gear reducer is being matched as a solution to the problems (similar to primary pumps).
2. On July 6<sup>th</sup>, 2020, operators changed the oil in bar screen #1 & #2.
3. On July 7th, 2020, operators changed the oil in the bar screen conveyor drive. The influent channel was cleaned, and the bar screen sprocket tension was checked.
4. On July 10<sup>th</sup>, 2020, plant operators changed the oil in Final Clarifier #3.
5. On July 15<sup>th</sup>, 2020, a small crack in the aeration tank was injected with epoxy.
6. On July 17<sup>th</sup>. 2020, plant personnel cleaned out the splitter box in the aeration tank and finished adding clear valve stems to the remaining valves on the tanks.
7. On July 18<sup>th</sup>, 2020 Nickerson Contractors filled the sinkhole and releveled Final Clarifier #1. All bolts and torque set points were also checked.
8. On July 30<sup>th</sup>, 2020 the BIS Group calibrated the Influent and Effluent Flow Meters, both meters measured within a 1% margin of error, meeting or exceeding standards.
9. On August 3<sup>rd</sup>, Plant management and personnel began preparing for the tropical depression. By 4:00 P.M. on August 4<sup>th</sup>, 2020, the WPCF and 15 out of 17 stations were all running under generator power. On August 5<sup>th</sup>, 2020 the WPCF and 14 out of 17 stations were still running under generator power. On August 9<sup>th</sup>, 2020 the plant and all pump stations came back online under utility power. All plant equipment and pump stations ran flawlessly throughout the 5-day outage. The WPCF was able to run under full generator power while maintaining permit compliance.

10. On August 20<sup>th</sup>, 2020 plant operators greased effluent flushing water pumps #2 and #3.
11. On August 25<sup>th</sup>, 2020 plant operators replaced the shaft carrier bearings on effluent flushing water pump #1.

### **CT DEEP Updates**

1. The New Farmington WPCF NPDES Permit #0100218 went into effect September 1<sup>st</sup>, 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. Throughout the month of July, Revere Controls, Schneider Electric, EES, NIC Systems continued to troubleshoot the blower issues. On July 23<sup>rd</sup> NIC Systems and Schneider Electric adjusted several setpoints in the VFD and PLC. After reloading these and restarting the PLC, the blower program ran correctly. Plant staff is monitoring the program while adjusting process setpoints with NIC Systems.
2. WPCF staff and Wright Pierce are working on adding/disabling certain I/o's for the primary and secondary cooling systems in order to make the system run more efficiently.
3. The sinkhole between aeration tank #1 and the dewatering building was filled and patched by Nickerson contractors on July 18<sup>th</sup>. Final #1 was also re-leveled, all bolts were tightened, and torque was checked.
4. Management and maintenance continue to work on record books to track maintenance and critical parts.
5. JKB Consulting finalized the SWPPP in January 2020. This new permit is in affect 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 in September 2019 with staff from both towns present.

**WPCF Safety Initiatives**

1. Dean Jendsen from CPI Northeast has retired and is no longer providing services for the Town of Farmington. A request for proposal for OSHA consulting services was posted and the town is currently looking at several companies.

G. **NEW BUSINESS**

H. **Batterson Park Upgrade**

I. **Unfinished Business**

J. **Public Correspondence**

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

1. Vice Chairman Jim Foote was honored for 25 years of service on the Farmington Water Pollution Control Authority.

L. **ADJOURNMENT**

Motion: To adjourn the September 9th, 2020 WPCA Online Meeting

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

**Voted:** To adjourn at 7:37 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