



**FARMINGTON WATER POLLUTION CONTROL AUTHORITY**  
**Meeting Minutes**  
**Wednesday, February 12th, 2020**  
**Water Pollution Control Facility**

**A. PUBLIC HEARINGS**

None

**B. REGULAR MEETING**

Chairman Peter Bagdigian called the meeting of the Farmington Water pollution Control Authority to order at 7:00 P.M. on Wednesday February 12th<sup>th</sup>, 2020.

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

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

**Also Attending:** Joe Capodiferro, Council Liaison

**C. ACCEPTANCE OF MINUTES**

**Motion:** To accept the minutes of the Wednesday January 8<sup>th</sup>, 2020 Meeting.

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

Voted: To accept the minutes of the Wednesday January 8<sup>th</sup>, 2020 Meeting.

**Motion Passed**

**D. ORAL PETITIONS – PUBLIC COMMENTS**

None

**E. COMMUNICATIONS / REPORTS**

1. WPCF Monthly Operating Report Summary January 2020. 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 January 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. TankBark Trail (Phase 2):**

Developers Sewer Permit Agreement for Phase 2 and payment has been received. Work has commenced.

**3. 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**

1. None

**Sewer Pump Station Construction and Repairs**

A.

1. **Westfarms Pump Station:** On January 1<sup>st</sup>, 2020 operators responded to a transmitter fail at the Westfarms pump station. This fail returned to normal seconds after failing and is a delta/differential alarm discrepancy. This value represents the numeric value (level) between



# WPCF SUMMARY REPORT JANUARY 2020

	MIN.	MAX.	AVG.
FLOW (MILLION GALLONS PER DAY)	3.3	5.0	4.0
BIO-CHEMICAL OXYGEN DEMAND (mg/L)	INF.	EFF.	Removal Efficiency
	420	5.0	98.8%
SUSPENDED SOLIDS (mg/L)	INF.	EFF.	Removal Efficiency
	870	6.4	99.3%
EFFLUENT AMMONIA (NH3-N) (mg/L)		EFF.	Permit Limit: N/A*
		0.25	N/A*
TOTAL NITROGEN REMOVAL (Lbs/Day)	INF.	EFF.	Removal Efficiency
	1464	235	83.90%
TOTAL EFFLUENT NITROGEN (Lbs/Day)		EFF.	Permit Limit: 178 Lbs/Day
		235	57 Lbs over limit
TOTAL PHOSPHOROUS (Lbs/Day)	INF	EFF.	Permit Limit: N/A*
	N/A*	N/A*	N/A*
TOTAL EFFLUENT PHOSPHOROUS (mg/L)		EFF.	Permit Limit: N/A*
		2.25	N/A*
BIOSOLIDS (Lbs)	AVG % Solid	Daily	Monthly Total
	24.04%	6,482	136,115
E.coli (Geometric mean)		EFF.	Permit Limit: N/A*
		N/A*	N/A*

N/A\* - Monitoring not required during this period

the primary transducer and ultrasonic transducer. Pump #2 soft start was also reset.

B.

- 2. Hyde Road Pump Station:** On January 7<sup>th</sup>, 2020 plant operators noticed a strong gas smell coming from outside the pump station building. Upon inspecting the generator, a leak on the supply line was discovered. Operators were able to tighten the first valve on the supply line and fix the leak, it is currently being monitored to make sure it is completely sealed.

C.

- 3. South Road Pump Station:** On January 7<sup>th</sup>, 2020 operators worked with NorcomCT to re-program and adjust the new level setpoints at the South Road pump station. The wet well was adjusted to below inlet pipe and rescaled for the correct levels. On January 8<sup>th</sup>, 2020 operators responded to a pump fail alarm at the South Road pump station. Pump #1 was pulled and inspected, rags were removed from the volute and pump #1 was reinstalled. Upon running, amps returned to a normal level. On January 15<sup>th</sup>, 2020 operators received a pump fail alarm and pulled pump #2 at the South Road pump station. A small amount of rags was found, the pump was re-installed and ran at normal amperage. After changing wet well setpoints it is common to get a buildup of rags/debris as many times these adjustments and fluctuations clean out anything left in the wet well.

D.

- 4. Centerbrook Pump Station:** On January 28<sup>th</sup>, 2020 operators repaired an antifreeze leak at the Centerbrook pump station.

E.

- 5. Multiple Pump Stations:** On January 16<sup>th</sup>, 2020 at approx., 11:30am a tree knocked out the transformer on route 10/route 4 intersection. This power outage took out power to all the pump stations on this side of town. All stations were running on generator power until 3:15pm when power was restored, and pump stations transferred back over to street power.

### Pump Station Control and Radio Communication Systems

1. The town council approved the bid for Baltazar construction for the Batterson Park upgrade on January 14<sup>th</sup>, 2020.
2. On Friday January 3<sup>rd</sup>, 2020, NIC systems and Motorola were onsite to streamline SCADA operations for the new pump station upgrades. Plant SCADA trending was also adjusted for efficiency.

3. On January 9<sup>th</sup>, 2020 plant personnel worked with NorcomCT on the Motorola control upgrades at the Devonwood pump station.
4. On January 16<sup>th</sup>, 2020, the carwash on route 6 called the town for a possible backup. Upon inspection it was noted their lateral and oil separator was filled with sand/rocks. Plant operators jetted and cleaned the lateral.
5. On January 28<sup>th</sup>, 2020, the plant received a call for a possible back up at the Mobil on the Y. Plant personnel jetted the manhole from the Hawthorn intersection to the manhole at Cooke Street. The backup was in the lateral at the Mobil Station.

### **WPCF Repairs and Upgrades**

1. On January 10<sup>th</sup>, 2020 scum pump #3 failed. Plant personnel responded, noting there was no power at the cabinet. A portable pump was used to drain the wet well as operators and the electrician troubleshooted the issue. Upon further inspection, a water leak in the outside conduit caused one of the wires to pull itself out of the connection. This was caused by water entering the conduit and freezing, pulling the wire towards the center, in turn pulling itself from the connection. Operators removed the flusher trigger on the clarifier to prevent the wet well from filling. Once temperatures allow a new wire will be pulled.
2. On January 16<sup>th</sup>, 2020 at approx., 11:30am, a tree knocked out the transformer on route 10/route 4 intersection. The plant ran on generator power until street power was restored around 3:15pm.
3. On January 17<sup>th</sup>, 2020 plant staff finished the UV bulb removal, cleaning, greasing, and Anticlean gel for the mechanical cleaning systems. UV's are ready to be reinstalled for disinfection season beginning April 1<sup>st</sup>, 2020.
4. On January 25<sup>th</sup>, 2020 plant staff responded to an oil temp alarm for Blower #3. Although plant personnel tried to replicate and simulate this problem it did not occur a second time. Plant operators are currently monitoring this blower.

### **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. On January 28<sup>th</sup>, 2020, plant operators noticed the seal on flapper valve for Final #2 was consistently letting water by. The maintenance manager and operators fabricated a new bolt with setscrew to keep the arm from moving and allowing water to leak through the rubber seal.
2. Wright Pierce purchased the new gear reducers (4) for the primary sludge pumps. These will help with the overload problems experienced on startup. They are currently getting quotes for installation; this is at no cost to the town.
3. New record books were put into use to track maintenance and critical parts.

### **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 completed the quarterly safety training on November 21<sup>st</sup>, 2019. The topics included Energy Control, Confined Space, Walking Working Surfaces, Emergency Action Plan, and Hazard Assessment.
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**

1. Inland/Wetlands application received for Main Gate Subdivision of (4) lots proposing to connect to sanitary sewer in Route 10. This is still pending.

### **G. NEW BUSINESS**

1. To make a motion to add to the agenda the Final Engineering Invoices for Wright-Pierce for the Plant Upgrade under section H (WPCF Plant Upgrade).

**Motion:** To add to the agenda the Final Engineering Invoices for Wright Pierce for the Plant Upgrade under section H (WPCF Plant Upgrade).

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

**Voted:** To approve the motion for the final engineering invoices to the agenda unanimously.

**Motion Passed**

2. The bid for Baltazar contractors for the Batterson park Pump Station Upgrade was approved by the Town Council on January 14<sup>th</sup>, 2020.
3. The authority was presented with the WPCA expenditure and revenue budgets for the 2020-2021 fiscal year. Russell M. Arnold Jr., P.E., and Mark Batorski WPCF Supt. Explained the line item budget request and the anticipated revenue for the 2020-2021 fiscal year.

**Motion:** To approve the requested budget for the WPCF 2020-2021 Budget.

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

**Voted:** To approve this proposed WPCF 2020/2021 Budget request.

**Motion Passed**

4. The Authority set the Legal Notice Date for the public hearing on 2020-2021 WPCF Budget and Sewer Assessments for the 2020-2021 fiscal year and have a Public Hearing schedule for March 11<sup>th</sup>, 2020 at 7:00PM at the Water Pollution Control Facility Conference Room (attached).

**Motion:** To set the Public Hearing for the WPCF 2020-2021 Budget for March 11<sup>th</sup>, 2020.

Upon a motion duly made and seconded (Foote/Bagdigian), the authority:

**Voted:** To approve this Public Hearing.

**Motion Passed**

LEGAL NOTICE

FARMINGTON WATER POLLUTION CONTROL AUTHORITY

TOWN OF FARMINGTON

NOTICE OF PUBLIC HEARING

2020-2021 SEWER OPERATING BUDGET

2020-2021 RESIDENTIAL SANITARY SEWER ASSESSMENTS

Notice is hereby given that the Farmington Water Pollution Control Authority will hold a public hearing on Wednesday, March 11, 2020 at 7:00 p.m., at the Water Pollution Control Facility Conference Room, 1 Westerberg Drive, Farmington, CT, on the proposed 2020-2021 Sewer Operating Budget for the Wastewater Treatment Plant and the residential sanitary sewer assessments.

The proposed budget sets the user rate for residential customers at \$321.00 per year and the user rate for commercial customers at \$2.78 per hundred cubic feet used in calendar year 2019. These rates reflect a 2.0% increase over the current rate billed in budget year 2019-2020. The annual sewer service charge for elderly congregate housings units, and congregate Town-owned affordable housing units, shall be billed as commercial accounts for the billing cycle.

The residential sanitary sewer assessments for 2020 – 2021 will be a 1.0% increase

\$12,227.28 – R20 and under

\$15,273.22 – R30 and R40

\$18,340.91 – R-80

Copies of the proposed budget and assessment are on file in the Town Engineer's Office and the Town Clerk's Office, Town Hall, Farmington, CT.

Dated at Farmington, Connecticut this 12<sup>th</sup> day of February 2020.



Peter Bagdigian, Chairman  
Farmington Water Pollution Control Authority

NOTE: To be published on Thursday, February 20, 2020 in the Hartford Courant.

## H. WPCF PLANT UPGRADE

1. The authority was presented with the invoice for Wright Pierce Consulting Services related to the WPCF upgrade – Construction Administration rendered through December 27th, 2019 in the amount of \$24,555.77.

**Motion:** To approve the invoice for the Construction Administration from Wright Pierce for the period rendered through December 27th, 2019 in the amount of \$24,555.77.

Upon a motion duly made and seconded (Foote/Cordeiro), the authority

**Voted:** To approve the invoice.

**Motion Passed**

2. The authority was presented with the invoice for Wright Pierce Consulting Services related to the WPCF upgrade – O & M Manual rendered through December 27th, 2019 in the amount of \$15,747.82.

**Motion:** To approve the invoice for the O & M Manual from Wright Pierce for the period rendered through December 27th, 2019 in the amount of \$15,747.82.

Upon a motion duly made and seconded (Ray/Cordeiro), the authority

**Voted:** To approve this invoice.

**Motion Passed**

3. The authority was presented with the invoice for Wright Pierce Consulting Services related to the WPCF upgrade – O & M Manual rendered through January 1st, 2020 in the amount of \$ 646.88.

**Motion:** To approve the invoice for the O & M Manual from Wright Pierce for the period rendered through January 31st, 2020 in the amount of \$646.88.

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

**Voted:** To approve the invoice.

**Motion Passed**

4. The authority was presented with the invoice for Wright Pierce Consulting Services related to the WPCF upgrade – Construction Administration rendered through January 31<sup>st</sup>, 2020 in the amount of \$49,326.32.

**Motion:** To approve the invoice for the Construction Administration from Wright Pierce for the period rendered through January 31<sup>st</sup>, 2020 in the amount of \$49,326.32.

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

**Voted:** To approve the invoice.

**Motion Passed**

**I. EXECUTIVE SESSION**

None

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

**K. ADJOURNMENT**

Motion: To adjourn the February 12<sup>th</sup>, 2020 WPCA Meeting

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

**Voted:** To adjourn at 7:44 PM, Motion Passed

Respectfully submitted,  
Mark Batorski, Superintendent  
Water Pollution Control Facility

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