



FARMINGTON WATER POLLUTION CONTROL AUTHORITY
Meeting Minutes
Wednesday, March 11th, 2020
Water Pollution Control Facility

A. PUBLIC HEARINGS

Chairman Peter Bagdigian called the Public Hearing to order at 7:00 P.M. for the 2020-2021 Sewer Operating Budget and the 2020-2021 Residential Sanitary Sewer Assessments. WPCA secretary Jennifer Wynn read the legal notice that stated the rates for the Sewer Operating Budget increased 2% from the 2019-2020 rates. The Residential Sanitary Sewer Assessments for 2020-2021 will increase by 1%.

Motion: To accept the 2020-2021 Sewer Operating Budget and the 2020-2021 Residential Sanitary Sewer Assessments.

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

Voted: To accept the 2020-2021 Sewer Operating Budget and the 2020-2021 Residential Sanitary Sewer Assessments.

B. REGULAR MEETING

Chairman Peter Bagdigian called the meeting of the Farmington Water pollution Control Authority to order at 7:05 P.M. on Wednesday March 11th, 2020.

Members Present: Chairman Peter Bagdigian, Vice Chairman James Foote, Jennifer Wynn, 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 February 12th, 2020 Meeting.

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

Voted: To accept the minutes of the Wednesday February 12th, 2020 Meeting.

D. ORAL PETITIONS – PUBLIC COMMENTS

None

E. COMMUNICATIONS / REPORTS

1. WPCF Monthly Operating Report Summary February 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 February 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. Steven Circle:

Developers Sewer Payment Agreement 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.

4. Bridgehampton – Final Phase

Developers Sewer Payment Agreement and payment has been received. Sewer has been installed, awaiting final testing and approval.

Public Sewer Construction

1. None

Sewer Pump Station Construction and Repairs

A. Tunxis Pump Station

1. On February 4th, 2020 plant operators received an RTU failure from the Tunxis pump station. Operators reset the alarm and monitored the I & C panel.

B. Devonwood Pump Station

2. On February 12th, 2020 plant operators pulled pump #1 at the Devonwood pump station. Upon inspecting the pump operators found rags inside and were able to remove the debris. Operators set the pump back in the wet well and ran it, verifying the amps were normal.

C. Uconn pump Station

3. On February 29th, 2020 operators received a alarm for pup #1 overload at the Uconn Pump Station. Operators were able to reset the pump without issue. Plant staff is currently inspecting pump #3 (the only original KSB pump left) as amps have been running higher than normal. Pump #3 is operational but may need a rebuild replacement in the future.

Pump Station Control and Radio Communication Systems

1. On February 4th, 2020 NorcomCT (Motorola) checked and verified the board at the Tunxis Road Pump Station.
2. On February 6th, 2020, Plant operators jetted and cleaned manholes outside of town hall/route 4. Debris was cleared and lines were jetted.
3. On February 19th, 2020 Baltazar construction drilled 2 holes (26ft & 28ft) in order to classify the soils for the Batterson Park Upgrade.
4. On February 27th, 2020 plant personnel serviced the motor on the VAC truck, changing filters, oil, etc.
5. 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 February 14th, 2020 Plant Management and the laboratory analyst finished a quarter of data collection and trending for total nitrogen and carbon. Details will be presented at meeting.
2. On February 18th, 2020 WPCF staff started fabricating permanent lines in the chemical building for Sodium Hydroxide and future chemicals. Plant staff is also pouring a concrete base for a permanent installation of the existing polymer system. The sodium hydroxide along with polymer will help with alkalinity and settling when needed.
3. On February 23rd, 2020, operators received a motion fault alarm for the muffin monster. The alarm was reset and monitored. This often occurs when a piece of wood or metal gets inside the grinder. The system will reverse once to clear the debris before trying to grind it a second time, this will often set off the motion fault.
4. On February 28th, 2020 primary pump #2 tripped out on overload. Operators opened the pump and cleared a small amount of debris. Pump #2 was put back in operation and monitored. New gearboxes are scheduled to be installed in the next couple of weeks and should eliminate these issues on startup.
5. On February 28th, 2020 the electrician and plant staff ran a temporary power line to Clarifier #1. As Nickerson works on the clarifier repairs this allows plant staff to drain the tank of rainwater with a sump pump and float.

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. On February 25th, 2020, plant operators installed a new flow paddle in the polymer system. This paddle monitors the flow through the Velodyne unit and works with the dewatering system to automatically dose polymer to the system.
2. Final Clarifier #1 had new washers and nuts installed by C.H. Nickerson. When the temperature allows Nickerson will come back out and re-level tank #1. They will also install new washers and nuts in final clarifiers #2 & #3.
3. 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 scheduled for installation in the next couple of weeks, this is at no cost to the town.
4. New record books were put into use to track maintenance and critical parts.
5. JKB Consulting finalized the SWPPP in January 2020. This new permit is 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 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.
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. Subdivision application received for Main Gate Subdivision of (4) lots proposing to connect to sanitary sewer in Route 10.

G. NEW BUSINESS

H. WPCF PLANT UPGRADE

I. EXECUTIVE SESSION

None

J. ANY OTHER BUSINESS THAT MAY COME BEFORE THE AUTHORITY

K. ADJOURNMENT

Motion: To adjourn the Marth 11th, 2020 WPCA Meeting

Upon a motion duly made and seconded (Cordeiro/Wynn) the Authority voted unanimously.

Voted: To adjourn at 7:52 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

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 12th 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.



WPCF SUMMARY REPORT FEBRUARY 2020

| | MIN. | MAX. | AVG. |
|-----------------------------------|-------------|-------|---------------------------|
| FLOW (MILLION GALLONS PER DAY) | 3.5 | 4.6 | 3.9 |
| BIO-CHEMICAL OXYGEN DEMAND (mg/L) | INF. | EFF. | Removal Efficiency |
| | 392 | 4.1 | 99.0% |
| SUSPENDED SOLIDS (mg/L) | INF. | EFF. | Removal Efficiency |
| | 666 | 9 | 98.7% |
| EFFLUENT AMMONIA (NH3-N) (mg/L) | | EFF. | Permit Limit: N/A* |
| | | 0.14 | N/A* |
| TOTAL NITROGEN REMOVAL (Lbs/Day) | INF. | EFF. | Removal Efficiency |
| | 1154 | 209 | 81.89% |
| TOTAL EFFLUENT NITROGEN (Lbs/Day) | | EFF. | Permit Limit: 178 Lbs/Day |
| | | 209 | 31 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* |
| | | 2.2 | N/A* |
| BIOSOLIDS (Lbs) | AVG % Solid | Daily | Monthly Total |
| | 21.00% | 6,536 | 124,193 |
| E.coli (Geometric mean) | | EFF. | Permit Limit: N/A* |
| | | N/A* | N/A* |

N/A* - Monitoring not required during this period