FARMINGTON WATER POLLUTION CONTROL AUTHORITY
SPECIAL MEETING MINUTES
February 20, 2019

A. PUBLIC HEARINGS

None

B. REGULAR MEETING - (Town Hall, Board of Education Conference Room)

Chairman James Foote called the meeting of the Farmington Water Pollution Control Authority to order at 7:00 p.m. on Wednesday, February 20, 2019

Members Present: Chairman James Foote; Vice Chairman Peter Bagdigan; Jennifer Wynn

Members Absent: ; Secretary Kevin Ray; Town Council Liaison Paul Cianci

WPCF Staff Present: Russell M. Arnold, Jr., P.E., Public Works Director; Staff Liaison, William Kaminski, WPCF Supt.; Alex Kaminski, WPCF Asst. Supt.

C. ACCEPTANCE OF MINUTES

MOTION:

To accept the minutes of the January 9, 2019 WPCA Meeting

Upon a motion duly made and seconded (Bagdigan / Foote) (Jennifer Wynn Abstained) the Authority

Voted: To accept the minutes of the January 9, 2019 WPCA Meeting

Motion passed
MOTION:

To accept the minutes of the February 13, 2019 WPCA Meeting

Upon a motion duly made and seconded (Bagdigan / Foote) (Jennifer Wynn Abstained) the Authority

**Voted:** To accept the minutes of the February 13, 2019 WPCA Meeting

**Motion passed**

D. **ORAL PETITIONS – PUBLIC COMMENTS**

None

E. **COMMUNICATIONS / REPORTS**

1) Monthly Summary Operating Reports for January 2019 of the WPCF – William Kaminski, WPCF Supt. informed the Authority that operations met all regulatory requirements. (attached)

2) Loss of Equipment/Tankage form dated January 16, 2019 sent to Connecticut DEEP explaining that primary settling tank #2 was taken off line due to equipment damage due to ice buildup on mechanism. (attached)

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


Briefed the Authority on the following projects:

**Private Sewer Construction**

1. No report.

**Public Sewer Construction and Repair**

1. No report.
Sewer Pump Station Construction and Repairs

1. Centerbrook Pump Station- A spare pump has been purchased for the pump station, cost approximately $8,000.

WPCF

1. In early January the SCADA computer system that monitors pump station alarms experienced communication problems and took significant time to troubleshoot and program with contractors

2. Primary Settling Tank 2 chain and flights were jammed by ice and damaged in January. A complete new set of chain and flights are being purchased to repair the tank and to leave the WPCF with plenty of spare parts for the future. Cost approximately $35,000.

3. Safety- Annual hoist inspections were completed, quarterly safety training and facility inspection were also completed in January.

Plant Upgrade

1. Aeration Tank 1 mixer was returned to the site and tested allowing the tank to be filled and placed into service. CHN and subcontractors continue to work on the interior renovations at the Administration Building. Work in the Dewatering Building is progressing and the first phase of equipment use is expected in February. The new sludge feed pumps and polymer system will be used to feed the existing Belt Filter Press. Equipment representatives were on site in January to troubleshoot the problems with the Primary Sludge pumps. A potentially significant change was made to the Variable Frequency Drives that power the pumps that should make an improvement in their torque efficiency.

Plan Reviews/Approvals

No report
G. **NEW BUSINESS**

1. The Authority was presented with the WPCA expenditure and revenue budgets for the 2019 / 2020 fiscal year. Russell M. Arnold, Jr., P.E., and William Kaminski, WPCF Supt. explained the line item budget request and the anticipated revenue for the 2019/2020 fiscal year.

   **MOTION:** To approved the requested budget for the WPCF 2019 – 2020 Budget
   Upon a motion duly made and seconded (Bagdigan / Foote), the Authority

   **VOTED:** To approve this proposed WPCF 2019 / 2020 budget request

2. The Authority set the Legal Notice date for the Public Hearing on the 2019 – 2020 WPCF Budget and Sewer Assessments for the 2019 / 2020 fiscal year and have a Public Hearing scheduled for March 13, 2019 at 7:00 p.m. at the Board of Education Conference Room, Town Hall. (attached)

   **MOTION:** To set the Public Hearing for the WPCF 2019 – 2020 Budget for March 13, 2019

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

   **VOTED:** To approve this Public Hearing

H. **WPCF PLANT UPGRADE**

1. The Authority was presented with the invoice from C.H. Nickerson Payment request #35 for the period of December 1, 2018 through December 31, 2018 in the amount of $459,256.16

   **MOTION:**

   To approve the invoice for Contractor Payment Request #35 for the period of December 1, 2018 through December 31, 2018 from C.H. Nickerson in the amount of $459,256.16

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

   **Voted:** To approve the invoice.
Motion passed

2. The Authority was presented with the invoice from C.H. Nickerson Payment request #36 for the period of January 1, 2019 through January 31, 2019 in the amount of $649,752.21

MOTION:

To approve the invoice for Contractor Payment Request #36 for the period of January 1, 2019 through January 31, 2019 from C.H. Nickerson in the amount of $649,752.21

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

Voted: To approve the invoice.

Motion passed

3. The Authority was presented with the invoice from Wright Pierce for Construction Administration services for the period of December 1, 2018 through December 28, 2018 in the amount of $24,502.24

MOTION:

To approve the invoice for Construction Administration services—from Wright Pierce for the period of December 1, 2018 through December 28, 2018 in the amount of $24,502.24

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

Voted: To approve the invoice.

Motion passed

4. The Authority was presented with the invoice from Wright Pierce for Resident Project Inspection services for the period of December 1, 2018 through December 28, 2018 in the amount of $14,983.56

MOTION:

To approve the invoice for Resident Project Inspection services—from Wright Pierce for the period of December 1, 2018 through December 28, 2018 in the amount of $14,983.56

Upon a motion duly made and seconded (Bagdigan / Foote), the Authority
Voted: To approve the invoice. **Motion passed**

5. The Authority was presented with the invoice from Wright Pierce related to the WPCF Upgrade O & M Manual for the period of December 1, 2018 through December 28, 2018 in the amount of $4,493.00

**MOTION:**
To approve the invoice from Wright Pierce WPCF related to the Upgrade O & M Manual for the period of December 1, 2018 through December 28, 2018 in the amount of $4,493.00

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

Voted: To approve the invoice.

6. The Authority was presented with the invoice from Wright Pierce related to the WPCF Upgrade Record Drawings for the period of December 1, 2018 through December 28, 2018 in the amount of $3,965.89

**MOTION:**
To approve the invoice from Wright Pierce related to the WPCF Upgrade Record Drawings for the period of December 1, 2018 through December 28, 2018 in the amount of $3,965.89

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

Voted: To approve the invoice.

I. **EXECUTIVE SESSION**

None

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

K. **ADJOURNMENT**

**MOTION:** To Adjourn the February 20, 2019 WPCA Meeting

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

Voted: To adjourn at 8:13 p.m., Motion passed
Respectfully submitted,

William J. Kaminski, Superintendent
Water Pollution Control Facility

c.c.
WPCA Members
Town Council Members, e-mail
Deb Bull, e-mail
Tax Collector, e-mail
Town Clerk, e-mail
Bruce Cyr, e-mail
Everbridge
**WPCF SUMMARY REPORT JANUARY 2019**

<table>
<thead>
<tr>
<th></th>
<th>MIN.</th>
<th>MAX.</th>
<th>AVG.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FLOW (MILLION GALLONS PER DAY) DAILY TOTAL</strong></td>
<td>3.9</td>
<td>7.1</td>
<td>5.2</td>
</tr>
<tr>
<td><strong>BIO-CHEMICAL OXYGEN DEMAND - MG/L (AVE)</strong></td>
<td>INF.</td>
<td>EFF.</td>
<td>Removal efficiency</td>
</tr>
<tr>
<td></td>
<td>249</td>
<td>5.2</td>
<td>97.9%</td>
</tr>
<tr>
<td><strong>SUSPENDED SOLIDS MG/L (AVE)</strong></td>
<td>INF.</td>
<td>EFF.</td>
<td>Removal efficiency</td>
</tr>
<tr>
<td></td>
<td>320</td>
<td>5.6</td>
<td>98.3%</td>
</tr>
<tr>
<td><strong>Effluent Nitrogen Ammonia (NH3-N) (PPM)</strong></td>
<td></td>
<td></td>
<td>Permit Limit N/A</td>
</tr>
<tr>
<td><strong>Total Nitrogen Removal ( Lbs / Day )</strong></td>
<td>INF.</td>
<td>EFF.</td>
<td>Removal efficiency</td>
</tr>
<tr>
<td></td>
<td>1107</td>
<td>253</td>
<td>77.15%</td>
</tr>
<tr>
<td><strong>Total Nitrogen Average Lbs / Day</strong></td>
<td></td>
<td>EFF.</td>
<td>Permit Limit 178 Lbs / Day</td>
</tr>
<tr>
<td></td>
<td>253</td>
<td></td>
<td>155 Lbs over limit</td>
</tr>
<tr>
<td><strong>Total Phosphorus Average Lbs / Day</strong></td>
<td>INF</td>
<td>EFF.</td>
<td>Permit Limit N/A</td>
</tr>
<tr>
<td></td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>**Total Phosphorus MG/L ( AVE) **</td>
<td></td>
<td></td>
<td>Permit Limit N/A</td>
</tr>
<tr>
<td><strong>Biosolids - Lbs. (18.88% Avg. solids content)</strong></td>
<td>Daily</td>
<td>Total</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6,410</td>
<td>134,618</td>
<td></td>
</tr>
<tr>
<td><strong>E-Coli, Geometric mean</strong></td>
<td>EFF.</td>
<td></td>
<td>Permit Limit N/A</td>
</tr>
<tr>
<td></td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
STATE OF CONNECTICUT
DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Water Protection & Land Reuse Bureau

LOSS OF EQUIPMENT/TANKAGE FORM

City or Town: Farmington Date: 1/16/19

Loss of equipment/tankage: Primary pumps | primary tanks = 2 primary pumps are not available, should another primary fail 75% of primary treatment, BNR/BIO-P will not be available.

How long will it be before permanent repairs are complete? Yes No Other: - Design not working per specification. They are trying to resolve issues.

How many and what kind of back up units or storage do you have? There are 4 pumps.

All 4 pumps have failed, all pumps have failed at various points.

Discovered date: Since March 1978

Possibly depending on future failures

Will this affect quality of Effluent: Yes No

Contact DEP within two hours by phone during normal business hours and file this report within five days.

DATE/ TIME REPORT LOG
2:13 pm left voice mail with Iliana Ayala 2:13 pm 1/16/19 CT DEP - Iliana Ayala (860) 424-3758 If Iliana Ayala is not available, you must call Municipal Facilities Section during normal business hours at:

2:35 pm 1/16/19 CT DEP (860) 424-3704 DO NOT LEAVE VOICE MAIL MESSAGES

Name of person contacted

Fax Report to CT DEP. Iliana Ayala (860) 424-4067

Report Submitted by: Mark Bates Title: Operations Supervisor

Signature: Mark Bates Phone #: (860) 954-9070

Submit Completed Report to: State of Connecticut
Department of Energy & Environmental Protection
Water Protection & Land Reuse
Attention: Iliana Ayala
79 Elm Street
Hartford, CT 06106-5127

1/09
LEGAL NOTICE

FARMINGTON WATER POLLUTION CONTROL AUTHORITY

TOWN OF FARMINGTON

NOTICE OF PUBLIC HEARING

2019-2020 SEWER OPERATING BUDGET

2019-2020 RESIDENTIAL SANITARY SEWER ASSESSMENTS

Notice is hereby given that the Farmington Water Pollution Control Authority will hold a public hearing on Wednesday, March 13, 2019 at 7:00 p.m., in the Board of Education Conference Room, Town Hall, 1 Monteith Drive, Farmington, CT, on the proposed 2019-2020 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 $315.00 per year and the user rate for commercial customers at $2.75 per hundred cubic feet used in calendar year 2018. These rates are unchanged from the current rate billed in budget year 2018-2019. 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 2019 – 2020 will be: (2.6% increase)

$12,106.22 – R20 and under

$15,122.07 – R30 and R40

$18,159.32 – 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 20th day of February 2019.

[Signature]

James Foote, Chairman
Farmington Water Pollution Control Authority

NOTE: To be published on Thursday, February 28, 2019 in the Hartford Courant.