FARMINGTON WATER POLLUTION CONTROL AUTHORITY
MEETING MINUTES
November 14, 2018

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 7:04 p.m. on Wednesday, November 14, 2018

Members Present: Chairman James Foote; Vice Chairman Peter Bagdigan; Secretary Kevin Ray

Members Absent: James Thompson; Wilbur Charette; Town Council Liaison Paul Cianci

WPCF Staff Present: Staff Liaison, William Kaminski, WPCF Supt., Alex Kaminski, WPCF Asst. Supt.

C. ACCEPTANCE OF MINUTES

MOTION:

To accept the minutes of the October 9, 2018 WPCA Meeting

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

Voted: To accept the minutes of the October 9, 2018 WPCA Meeting

Motion passed
D. ORAL PETITIONS – PUBLIC COMMENTS

None

E. COMMUNICATIONS / REPORTS

1) Monthly Summary Operating Reports for October 2018 of the WPCF – William Kaminski, WPCF Supt. informed the Authority that operations met all regulatory requirements.
(attached)

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

Current report dated November 2018 – Alex Kaminski, WPCF Asst. Supt. Briefed the Authority on the following projects:

Private Sewer Construction

1. No updates.

Public Sewer Construction and Repair

1) Video inspection revealed two significant pipe leaks where groundwater is infiltrating the sewers. Town staff is preparing plans to fix the leaks. Additional runs of pipe were also identified to add to the chemical root control program in the Village area.

2) Wells Acres Sewer Replacement - Work has concluded for the construction season with the majority of the pipe being installed. Potable water line replacement is ongoing.

Sewer Pump Station Construction and Repairs

1. Batterson Park Pump Station - Wright Pierce submitted a preliminary engineering report for replacement of the dry pit pump station and wet well. Design of the project is moving forward, cost estimate for the project is $1,300,000.

2. A majority of the pump stations require some form of equipment upgrade to ensure the reliability of the radio communication system. Five pump stations will also
receive completely new control panels with integrated radio communications to replace antiquated equipment. This will be a significant project, costing approximately $100,000.

**Plant Upgrade**

1. Commissioning of the upgraded Aeration Tank 1 has been delayed due to a defective tank mixer, start-up should take place by the end of November. Final Settling Tank 1 should also be ready in the same timeframe. Upgrades at the Dewatering Building have been progressing with the new screw presses craned in through the roof. The existing Sludge Storage Building has been demolished which concludes the last of the major demolition work on site. The Administration Building addition is continuing as scheduled with the new roof now being installed. The remainder of the base course paving on the site has been completed on schedule.

5 sewer permits was issued in the month of October 2018

**NEW BUSINESS**

1. Transfer funds from CIP Phosphorus Reduction 411 account to CIP Rolling Stock 411 account

Upon a motion duly made and seconded (Ray / Bagdigan) it was unanimously

**VOTED:** To approve this transfer of CIP funds.

**Motion passed**

**WPCF PLANT UPGRADE**

1. The Authority was presented with the invoice from Wright Pierce for Construction Administration services for the period of September 1, 2018 through September 28, 2018 in the amount of $49,027.18

**MOTION:**

To approve the invoice for Construction Administration services –from Wright Pierce for the period of September 1, 2018 through September 28, 2018 in the amount of $49,027.18
Upon a motion duly made and seconded (Bagdigan / Ray), the Authority

**Voted:** To approve the invoice.

**Motion passed**

2. The Authority was presented with the invoice from Wright Pierce for Resident Project Inspection services for the period of September 1, 2018 through September 28, 2018 in the amount of $15,641.95

**MOTION:**
To approve the invoice for Resident Project Inspection services –from Wright Pierce for the period of September 1, 2018 through September 28, 2018 in the amount of $15,641.95

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

**Voted:** To approve the invoice.

**Motion passed**

3. The Authority was presented with the invoice from Wright Pierce related to the WPCF Upgrade O&M Manual for services for the period of September 1, 2018 through September 28, 2018 in the amount of $10,910.63

**MOTION:**
To approve the invoice related to the WPCF Upgrade O&M Manual for services for the period of September 1, 2018 through September 28, 2018 in the amount of $10,910.63

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

**Voted:** To approve the invoice.

**Motion passed**

4. The Authority was presented with the invoice from Wright Pierce related to the WPCF Upgrade Record Drawings – invoice for services for the period of September 1, 2018 through September 28, 2018 in the amount of $1,089.45

**MOTION:**
To approve the invoice related to the WPCF Upgrade O&M Manual for services for the period of September 1, 2018 through September 28, 2018 in the amount of $1,089.45
Upon a motion duly made and seconded (Bagdigan / Ray), the Authority

**Voted:** To approve the invoice.

**Motion passed**

5. The Authority was presented with the invoice from C.H. Nickerson Payment request #33 for the period of October 1, 2018 through October 31, 2018 from C.H. Nickerson in the amount of $1,023,386.81

**MOTION:**

To approve the invoice for Contractor Payment Request #33 for the period of October 1, 2018 through October 31, 2018 from C.H. Nickerson in the amount of $1,023,386.81

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

**Voted:** To approve the invoice.

**Motion passed**

I. **EXECUTIVE SESSION**

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

1. The Authority was briefed on the Avon and Burlington Sewer Agreements status. The town is in discussion with both Avon and Burlington concerning issues pertaining to sewer agreements. As meetings progress, updates will be provided to the WPCA.

2. The Authority was informed that the Town is in discussion with the City of Hartford to acquire a parcel of property across from the existing pump station on Batterson Park Road for the replacement of the existing pump station. Status updates will be provided to the WPCA.
K. **ADJOURNMENT**

**MOTION:** To Adjourn the November 14, 2018 WPCA Meeting

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

**Voted:** To adjourn at 7:35 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 OCTOBER 2018

<table>
<thead>
<tr>
<th>Parameter</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>2.4</td>
<td>4.2</td>
<td>3.3</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>279</td>
<td>4.2</td>
<td>98.5%</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>426</td>
<td>8.5</td>
<td>98.0%</td>
</tr>
<tr>
<td><strong>Effluent Nitrogen Ammonia (NH3-N) (PPM)</strong></td>
<td></td>
<td></td>
<td>3.55</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Permit Limit 11.6</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>660</td>
<td>273</td>
<td>55.00%</td>
</tr>
<tr>
<td><strong>Total Nitrogen Average Lbs / Day</strong></td>
<td>EFF.</td>
<td></td>
<td>Permit Limit 178 Lbs / Day</td>
</tr>
<tr>
<td></td>
<td>273</td>
<td></td>
<td>95 Lbs over limit</td>
</tr>
<tr>
<td><strong>Total Phosphorus Average Lbs / Day</strong></td>
<td>INF</td>
<td>EFF.</td>
<td>Permit Limit 70.11 LBS/DAY</td>
</tr>
<tr>
<td></td>
<td>86.7</td>
<td>37.1</td>
<td></td>
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<tr>
<td><strong>Total Phosphorus MG/L (AVE)</strong></td>
<td></td>
<td></td>
<td>1.37</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Permit Limit 3.11</td>
</tr>
<tr>
<td><strong>Biosolids - Lbs. (21.10% Avg. solids content)</strong></td>
<td>Daily</td>
<td>Total</td>
<td>8,735</td>
</tr>
<tr>
<td><strong>E-Coli, Geometric mean</strong></td>
<td>EFF.</td>
<td></td>
<td>Permit Limit 126/100mL</td>
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</tbody>
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