FARMINGTON WATER POLLUTION CONTROL AUTHORITY
MEETING MINUTES
December 12, 2018

A. PUBLIC HEARINGS

None

B. REGULAR MEETING - (Town Hall)

Chairman James Foote called the meeting of the Farmington Water Pollution Control Authority to order at 5:32 p.m. on Wednesday, December 12, 2018

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

Members Absent: 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 November 14, 2018 WPCA Meeting

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

Voted: To accept the minutes of the November 14, 2018 WPCA Meeting

Motion passed
D. ORAL PETITIONS – PUBLIC COMMENTS

None

E. COMMUNICATIONS / REPORTS

1) Monthly Summary Operating Reports for November 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 December 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) Work was completed to raise a manhole approximately four feet at 1593 Farmington Avenue. Additional improvements to the Town’s sewer easement are planned in this area.

2) Wells Acres Sewer Replacement – Wells Drive and Harvest Lane have been paved for the winter with a temporary overlay.

Sewer Pump Station Construction and Repairs

1) Batterson Park Pump Station – Pump 1 seal failed, a back-up pump has been rented and put in place until repair work is completed.

2) Patrick Flood Pump Station- A significant project was undertaken by WPCF staff and contractors to clean the pump station wet well. The wet well must be isolated from flow and requires entry to be properly cleaned.
3) Allstate Pump Station- The first of 2 replacement pumps has been installed at the station. The existing pumps will be retained in working order as spares.

4) 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. The Authority was updated on the status of this project.

**Plant Upgrade**

1) Start up of Aeration Tank 1 is still on hold while CHN works out the issues with the defective tank mixer. Electrical and plumbing work for the new screw presses has continued at the Dewatering Building. Coordination and start up of the majority of the new HVAC systems took place in November but Town staff still require training. Manufacturers of the rotary lobe pumps and return sludge pumps have been contacted by Wright Pierce to resolve ongoing issues with their supplied equipment. Roof installation on the Administration Building was completed and CHN is preparing temporary facilities so that Town staff can be relocated during renovations.

**WPCF Projects and Repairs**

1) WPCF staff has worked to complete much of the initial 6 month maintenance of the new process equipment.

**CT DEEP Updates**

1) 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.

12 sewer permits were issued in the month of November 2018
G. **NEW BUSINESS**

1) Document A – MOTION FOR LEVY OF CONNECTION CHARGE AND COLLECTION for 48 Junior Road, Farmington, Ct. 06032; property of ZK Builders LLC, 590 Wethersfield Road, Berlin, Ct. 06037 in the amount of $11,534.14

Upon a motion duly made and seconded (Ray / Bagdigian)

The Authority voted unanimously to approve this connection charge.

*Motion passed*  
(attached)

H. **WPCF PLANT UPGRADE**

1) The Authority was presented with the invoice from C.H.Nickerson Payment request #34 for the period of November 1, 2018 through November 30, 2018 from C.H. Nickerson in the amount of $764,256.55

**MOTION:**

To approve the invoice for Contractor Payment Request #34 for the period of November 1, 2018 through November 30, 2018 from C.H. Nickerson in the amount of $764,256.55

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

**Voted:** To approve the invoice.

*Motion passed*  
(attached)

I. **EXECUTIVE SESSION**

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

**MOTION:** To Adjourn the December 12, 2018 WPCA Meeting

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

**Voted:** To adjourn at 6:00 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
<table>
<thead>
<tr>
<th>Parameter</th>
<th>MIN.</th>
<th>MAX.</th>
<th>AVG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLOW (MILLION GALLONS PER DAY) DAILY TOTAL</td>
<td>4</td>
<td>7.1</td>
<td>5.9</td>
</tr>
<tr>
<td>BIO-CHEMICAL OXYGEN DEMAND - MG/L (AVE)</td>
<td>INF.</td>
<td>EFF.</td>
<td>Removal efficiency</td>
</tr>
<tr>
<td></td>
<td>216</td>
<td>5.3</td>
<td>97.6%</td>
</tr>
<tr>
<td>SUSPENDED SOLIDS MG/L (AVE)</td>
<td>INF.</td>
<td>EFF.</td>
<td>Removal efficiency</td>
</tr>
<tr>
<td></td>
<td>470</td>
<td>8.3</td>
<td>98.2%</td>
</tr>
<tr>
<td>Effluent Nitrogen Ammonia (NH3-N) (PPM)</td>
<td>0.3</td>
<td>Permit Limit</td>
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</tr>
<tr>
<td>Total Nitrogen Removal (Lbs / Day)</td>
<td>INF.</td>
<td>EFF.</td>
<td>Removal efficiency</td>
</tr>
<tr>
<td></td>
<td>906</td>
<td>302</td>
<td>66.67%</td>
</tr>
<tr>
<td>Total Nitrogen Average Lbs / Day</td>
<td>EFF.</td>
<td>Permit Limit</td>
<td>178 Lbs / Day</td>
</tr>
<tr>
<td></td>
<td>302</td>
<td>124 Lbs over limit</td>
<td></td>
</tr>
<tr>
<td>Total Phosphorus Average Lbs / Day</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>N/A</td>
</tr>
<tr>
<td>Total Phosphorus MG/L (AVE)</td>
<td></td>
<td>1.1</td>
<td>Permit Limit N/A</td>
</tr>
<tr>
<td>Biosolids - Lbs. (23.54% Avg. solids content)</td>
<td>Daily</td>
<td>Total</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5,596</td>
<td>100733</td>
<td></td>
</tr>
<tr>
<td>E-Coli, Geometric mean</td>
<td>EFF.</td>
<td>Permit Limit N/A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
RESOLVED;

WHEREAS, this dwelling is being built and will receive the benefits of the Sanitary Sewer, owned by the Town:

NOW, THEREFORE, the Farmington Water Pollution Control Authority hereby declares that a connection charge against this property in the amount of $11,534.14 shall be due and payable to the Town of Farmington on or before February 1, 2019.

Adopted by the Farmington Water Pollution Control Authority on December 12, 2018.

I hereby certify that the above is a true copy of a resolution passed at a meeting of the Farmington Water Pollution Control Authority on December 12, 2018.

__________________________
Kevin Ray, Secretary
Farmington Water Pollution Control Authority
December 6, 2018
W-P Project 12785H

Mr. William Kaminski
WPCF Superintendent
Town of Farmington
One Monteith Drive
Farmington, CT 06030

Subject: Contractor Payment Request No. 34
WPCF Comprehensive Upgrade

Dear Bill:

Attached, please find three copies of Payment Requisition No. 34 for the Farmington WPCF Comprehensive Upgrade Project for the period November 1st through November 30th, 2018. We have reviewed the payment requisition and recommend payment for the full amount of $764,256.55 to CH Nickerson & Co. This requisition includes costs associated with the following major work items:

- Installation of Screw Presses;
- Base course paving and site fencing;
- Roof installation at the Dewatering, Administration and Return Sludge Buildings;
- Miscellaneous electrical, painting, instrumentation, HVAC and plumbing work sitewide;

In addition, two copies of certified payrolls are also enclosed for the same pay period. Should you have any questions, please feel free to call.

Sincerely,
WRIGHT-PIERCE

[Signature]

Dennis Dievert Jr., PE
Project Manager

co: File 12785H