



## SEYMOUR WATER POLLUTION CONTROL AUTHORITY

P.O. Box 275

Seymour, Connecticut 06483

### **Minutes for the Regular Meeting of the Seymour WPCA- at the Sewer plant on February 5<sup>th</sup> 2018, 6pm.**

**Members present-** Jon Livolsi, Annmarie Drugonis, and John Uhelsky.

**Members not present-** Nick Teodosio and Jim Cretella.

**Others present-** Walter Royals, Veolia water plant manager, Attorney Ben Proto, Jim Galligan, P.E., and other members of the public.

Jon Livolsi called the meeting to order at 6:02pm

**Pledge of Allegiance was given.**

**Approval of the December 4<sup>th</sup> Minutes-** Annmarie Drugonis made a motion, John Uhelsky 2<sup>nd</sup>, to approve the December 4<sup>th</sup> 2017 Minutes. Motion passed 2-0-1 (Jon Livolsi abstained).

**First Selectman-** None.

#### **Veolia Water Reports-**

Walter Royals reported on December and January plant operations. The plant was in compliance with permit for both months. Maintenance items of note; Walter Royals reported on the WAS VFD being replaced by Troy electric for no cost, after it was determined that it was a manufacturing issue.

Anoxic mixer was sent out for repair and was installed; the company who repaired the mixer found out from the manufacturer that it could be replaced new under warranty. The installing company offered the additional new mixer if the WPCA would cover the repair cost of the original. After discussion by the board, Walter Royals was asked to have all the details in writing before making a decision on this matter.

Walter Royals reported on a manhole frame and cover being replaced on 22 Seymour Ave, and discussion ensued over how the WPCA and Public works need to come to an agreement on payment for the frames if they break the frames due to snowplowing. Annmarie Drugonis (who is chairperson of the Seymour Public Work) stated she will bring this up at their next meeting.

Walter Royals then reported on how the pump station "call boxes" are starting to show their age, and to replace one of them would cost \$1500-\$2000 each. Instead, installing cellular systems (costing \$550 each) and paying the monthly bill going forward, was suggested by Walter Royals. Discussion ensued about the costs for all 10 pump stations, and Walter Royals was asked to have the company put together a package for next meeting.

Walter Royals reported that per OSHA- there has to be guards around the skylights and the price per each is \$300. Jon Livolsi directed Walter Royals to measure the area around the skylights and get pricing for the railings.

**Invoices** – the following (see attached) invoices were submitted for authorization of payment.

**Annmarie Drugonis** made a motion, John Uhelsky 2<sup>nd</sup>, to accept the invoices for payment. Motion passed 3-0.

**Income Report**- was submitted to the board.

**Financial Report** – was submitted to the board.

**Legal Report**- Atty. Ben Proto reported on collections of delinquent sewer use. Discussion ensued about how Atty. Proto is to proceed, particularly with the accounts that owe significant amounts to the WPCA. Atty. Ben Proto then talked about the WPCA Board's issues with the Town Charters provision with respect to the Rate review board and the mandated depreciation expense on the WPCA budget.

Annmarie Drugonis reported that residents from Greenwood (?) were coming to the Selectman's board meeting and presenting a petition (for the WPCA) to put in sewers in the road due to failing septic systems. Jim Galligan was directed to put together a rough number for the expense (for the March 2018 WPCA meeting), so as to give the residents a better idea about the costs involved.

**Engineering Report**- Jim Galligan reported on the phosphorus removal project- the chemical tanks have arrived, piping is installed, the wiring and instrumentation is being fabricated and installed. The Testing will be started at the end of February and the system should be ready sometime in March.

Jim Galligan – reported on the (CMOM) system evaluation of the Seymour sewer system- this has 3 monitors (flow) to check on I&I for a period of 12 weeks (February, March, and April 2018), and then combine it with the sewer television work that was done before and then come up with capital repairs to the sewer system. Discussion ensued about the method of how the flow monitors will be used on a system-wide basis. The flow monitors are installed and analyzed with Dave Prickett engineering.

**Public Comment**- None.

**Adjournment** – Annmarie Drugonis made a motion, John Uhelsky 2<sup>nd</sup>, to adjourn the meeting. Motion passed 3-0. Meeting ended at 6:44pm.



**SEYMOUR WATER POLLUTION  
CONTROL AUTHORITY**

P.O. Box 275

Seymour, Connecticut 06483

**TO:** First Selectman

February 6, 2018

**From:** Seymour WPCA

**RE:** Invoices to be paid

The following invoices were submitted to the finance department for payment on February 6, 2018.

<u>Company</u>	<u>Invoice #</u>	<u>Amount</u>	<u>Date Paid</u>
Veolia Water	9013012	\$121,670.55	
Penn Valley Pump Co. Inc.	12547	\$1,886.00	
Penn Valley Pump Co. Inc.	12566	\$1,830.25	
Town of Seymour		\$312.00	
Town of Seymour		\$66.00	
Comcast	Acct# 8773 40 216 0226334	\$264.90	
Van Etton Plumbing and Heating	21346	\$2,400.00	
Nafis & Young	456-17	\$117.75	
MTA Metro North Commuter Railroad	Acct.# t0001259	\$42.00	
Mass Crane & Hoist Services Inc.	M58998	\$4,040.90	
Benjamin Proto	Inv.#94	\$1,260.00	

1/8/2018

**MONTHLY OPERATIONS Report**

The Seymour WPCF was in compliance in all of the monitoring parameters through the month of **December, 2017**. See Operational performance data below

Influent Total Nitrogen: 283.87 pounds per day  
Effluent Total Nitrogen: 39.31 pounds per day  
Percent Removal: 86.2%

2017 Nitrogen Trading Limit is 62 pounds per day

Influent Total Phosphorous: 5.27 mg/l  
Effluent Total Phosphorous: 2.21 mg/l  
Percent Removal: 58.1 %

**Proposed Total Phosphorus Permit limit 1.09 mg/l \***

Ortho Phosphorous in the effluent: 2.37 mg/l

Average Flow 0.83 MGD      Maximum daily Flow 1.02 MGD

**SIGNIFICANT MAINTENANCE ACTIVITY****Plant Repair and Maintenance items include the following**

- Reinstalled Seymour WPCA sign at beginning of driveway.
- Performed Prev. Maint. on Belt Press conveyors, Raw influent pumps, Bubbler system, Secondary clarifiers, Primary sludge pump,
- Installed grating over sump pump pit opening in basement of Ops bldg...
- Knapp Engineering completed programing and bubbler wiring correction for Influent Wet Well controller.
- .Replaced hose bib in Ops bldg. basement.
- .Practiced emergency /fire drill.
- Cleaned Influent wet well tank walls..
- Unfroze safety shut off switch for primary clarifier flight .
- Removed chlorine room exhaust fan and closed up opening until repair or replacement is made.
- Replaced caster wheel on thickener.
- Anoxic tank south mixer sent out for bearing and seal replacement.
- .Began troubleshooting 120volt electrical problem at primary clarifiers
- .Made temporary weld repair to corroded door jamb on east side of digester bldg..
- Troy industrial returned to re-troubleshoot Waste Pump VFD controller. Waiting on further action.
- CH Nickerson on site throughout month working on Phosphorus Removal project.

## **COLLECTION SYSTEM**

- Weekly Pump Station checks
- Mark out on Grand Street
- 23 Seymour Ave: Broken manhole frame, cover missing, Cover was down in manhole. Retrieved and Replaced by CT. Professional Water Services.
- Marked out 58 Pershing Ave.
- During weekly PS check found S.Derby PS Pump#1 very noisy, inadequate pumping and irregular operating hrs. on pump #1. Isolated pump, disassembled pump from flanges ,removed large wad of rags and part of a 4"PVC clean out cover jammed inside pump impeller.
- Rolling hills PS: Low and high level alarms, Float wiring problem repaired.
- Inspected manholes at Emma St.& Seymour Ave, Manners &Scott Ave, Manners Ave .Near Apartment bldg., and eastside of South Main St. All were flowing normal at this time.

### **Other:**

- Hoist repairs per recent inspection.**
- Generator repairs at Pump stations...**
- Raw Influent Flow totalizer troubleshooting repair /replace.**
- Dump truck front tires to be replaced in January**
- Chlorine building exhaust fan frame, louvers and hood cover.**
- Return sludge pump #1 & #3 check valves replace/repair.**
- Titus PS Pump #1 removal and rebuilt installation**

## **SAFETY**

### **Safety Training completed in December 2017**

- Bloodborne Pathogen Safety in the Workplace.
- Chemical Hygiene Plan
- Number of Days without a Lost Time Accident 12,134. as of 12/31/17
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**Respectfully Submitted to the WPCA Board Members:** Jon Livolsi, Chairman,  
Annmarie Drugonis, Nicholas Teodosio, John Uhelsky and Jim Cretella

Veolia Water  
  
Walter Royals  
Project Manager

2/5/2018

**MONTHLY OPERATIONS Report**

The Seymour WPCF was in compliance in all of the monitoring parameters through the month of **January, 2018**. See Operational performance data below

Influent Total Nitrogen: 232.59 pounds per day  
Effluent Total Nitrogen: 66.34 pounds per day  
Percent Removal: 71.48%

2017 Nitrogen Trading Limit is 62 pounds per day

Influent Total Phosphorous: 4.34 mg/l  
Effluent Total Phosphorous: 1.45 mg/l  
Percent Removal: 58.1 %

**Proposed Total Phosphorus Permit limit 1.09 mg/l \***

Ortho Phosphorous in the effluent: 1.14 mg/l

Average Flow 1.08 MGD      Maximum daily Flow 1.02 MGD

**SIGNIFICANT MAINTENANCE ACTIVITY****Plant Repair and Maintenance items include the following**

- Belt press polymer controller failed, Jarvis electrical replaced controller with new unit and also a corroded fuse block.
- Electrical connection block on Raw Sewage Pump #3 shorted out .Jarvis Elec. replaced wires and connection block.
- Broken wires and connections to BFP contactor were replaced by Jarvis Elec.
- Secondary clarifier skimming's pump discharge to primary clarifier piping froze. East Coast Septic pumped out on twice until thawed out.
- Alarm call-Secondary clarifier rake arm tripped. Reset clarifier and alarm.
- Replaced front tires on dump truck.
- Jarvis Elect. replaced melted wires for Heater in Primary building
- Introl replaced failed Waste sludge flow meter programmable display module.
- Replaced air pressure switches, various air lines and rerouted air line for belt press operation.
- Received rebuilt anoxic mixer for south section of anoxic tank..
- Performed PM on Gator
- Performed PM on belt press
- .Began troubleshooting 120volt electrical outlets issue at primary clarifiers.
- Troy industrial returned to remove WAS pump VFD.A New VFD is to be installed at no cost.
- CT. Crane performed repairs on hoist for Influent grit and screenings area.
- CH Nickerson on site throughout month working on Phosphorus Removal project.
- 1/30/18 Power Outage 12:15 am-3:15am multiple equipment resets due to power issues.

## **COLLECTION SYSTEM**

- Weekly Pump Station checks
- Water valve froze and broke at Stop and Shop PS .Van Etton Plumbing replaced broken valve and Backflow preventer due to Backflow preventer Inspection requirement..
- Van Etton Plumbing replaced backflow at North Derby PS.
- Phone line out of order for Peach Pump Station on 1/9/18, Frontier repaired on 1/10/18.
- Inspected manholes at Scott & Manners Ave., and on Manners Ave to Rennay St..
- Evidence of rodent intrusion in Glen Circle and Nicklemine PS generator enclosures.
- Jetted and cleaned Klarides siphon and manholes. Removed a bucket full of rags/debris
- Titus Pump Station: Scraped grease accumulation from walls of Pump Station wet well
- 5 Call Before You Dig calls
- Regional Water Co. 380 Birmingham Boulevard, Ansonia

### **Other:**

**Generator repairs at Pump stations.**

**Alarm call out boxes at Pump Stations aging issues.**

**Chlorine building exhaust fan frame, louvers and hood cover.**

**Return sludge pump #1 & #3 check valves replace/repair.**

**Titus PS Pump #1 removal and rebuilt installation**

## **SAFETY**

### **Safety Training completed in January 2018**

- Hazard Communication.
- Chemical Hygiene Plan refresher training
- Slips, Trips and Falls Hazard Perception
- Number of Days without a Lost Time Accident 12,165. as of 01/31/18
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**Respectfully Submitted to the WPCA Board Members:** Jon Livolsi, Chairman,  
Annmarie Drugonis, Nicholas Teodosio, John Uhelsky and Jim Cretella

Veolia Water

Walter Royals  
Project Manager

Monthly Cash Breakdown

Dec-17

<u>Date</u>	<u>Dumper</u>	<u>Insp. Permits</u>	<u>Copies, Misc &amp; App.</u>	<u>Contractor Reg.</u>	<u>Sewer Impact</u>	<u>SEWER USEAGE</u>	<u>Deposit Amount</u>
12/1/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,177.06	\$4,177.06
12/4/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,322.05	\$2,322.05
12/5/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,332.03	\$3,332.03
12/6/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 697.81	\$697.81
12/7/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,149.85	\$2,149.85
12/8/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,895.29	\$2,895.29
12/11/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,224.33	\$1,224.33
12/12/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200.00	\$200.00
12/13/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,114.50	\$1,114.50
12/14/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 902.56	\$902.56
12/15/2017	\$ -	\$ 100.00	\$ -	\$ -	\$ 450.00	\$ 1,622.47	\$2,172.47
12/20/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 416.46	\$416.46
12/21/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,740.92	\$3,740.92
12/22/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,393.17	\$1,393.17
12/26/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,022.54	\$1,022.54
12/27/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,399.14	\$3,399.14
12/28/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,094.39	\$1,094.39
12/29/2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,634.36	\$1,634.36
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
TOTALS	\$0.00	\$100.00	\$0.00	\$0.00	\$450.00	\$33,338.93	

Grand Total

\$33,888.93



Monthly Cash Breakdown

Jan-18

Date	Dumper	Insp. Permits	Copies, Misc & App.	Contractor Req.	Sewer Impact	SEWER USAGE	Deposit Amount
1/2/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 969.27	\$969.27
1/3/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,157.86	\$1,157.86
1/5/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,596.16	\$20,596.16
1/8/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,104.31	\$1,104.31
1/9/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,352.98	\$3,352.98
1/11/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,240.63	\$1,240.63
1/12/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 643.10	\$643.10
1/16/2018	\$ -	\$ 100.00	\$ -	\$ 50.00	\$ -	\$ 7,215.58	\$7,365.58
1/17/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,143.79	\$1,143.79
1/18/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,223.71	\$1,223.71
1/19/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,560.82	\$2,560.82
1/22/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,598.90	\$6,598.90
1/23/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 655.51	\$655.51
1/24/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 889.06	\$889.06
1/25/2018	\$ -	\$ 100.00	\$ -	\$ 50.00	\$ -	\$ 4,910.91	\$5,060.91
1/26/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,602.74	\$6,602.74
1/29/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,075.32	\$3,075.32
1/30/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,769.58	\$1,769.58
1/31/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,363.48	\$2,363.48
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
TOTALS	\$0.00	\$200.00	\$0.00	\$100.00	\$0.00	\$68,073.71	

Grand Total

\$68,373.71

January 8, 2018

**Town of Seymour**

**WPCA**

July 1, 2017 through December 31, 2017

Cash Balance 12/31/2017	1,618,755.38
Reserve Acc	131,854.34

**December  
Monthly Summary**

<b>Deposits</b>	34,648.93
Interest	107.67
transfers in GF	-
<b>TOTAL</b>	34,756.60

**Monthly Summary**

**Cap Improvement**

<b>Payments</b>	
US Filter	\$115,902.23

US Filter  
WJ Electric  
Amwell  
Northeast Water Maint & Ser  
Tower Generator Service  
Nafis & Young

Knapp Engineering	8,500.00
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Holland Company  
Campbell Foundary  
Joseph Merritt & Co  
McVac Env Ser

**Engineering**

Nafis & Young	628.00
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**Legal**

Raymond S. Sous	1,020.00
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**Legal**

Branse & Willis

**Maintenance**

Calvert Lock	162.00
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WJ Electric

Jedonna	209.40
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PJS,LLC	1,950.00
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Pralph Mann	1,207.85
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Bank Charge

Comcast	265.85
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**Misc**

VanEtten

Metro North

Qdata	13.61
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Town Clerk	48.00
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Duke's Root Control

Kolb & Disilvestro

CI DEEP

State of CI

<b>TOTAL</b>	129,906.94
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