



# SEYMOUR WATER POLLUTION CONTROL AUTHORITY

P.O. Box 275  
Seymour, Connecticut 06483

COPY RECEIVED  
DATE: 6/11/18  
TIME: 3:35pm  
TOWN CLERK'S OFFICE

## **Minutes for the Regular Meeting of the Seymour WPCA- at the Norma Drummer Room on June 4<sup>th</sup>, 2018 6pm.**

**Members present-**, Jon Livolsi, Nick Teodosio, and John Uhelsky.

**Others present-** Walter Royals, Veolia water plant manager, Jonathan Marro, Matt Johnson (Veolia Water), 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 May 7<sup>th</sup>, 2018 Minutes-** John Uhelsky made a motion, Nick Teodosio 2<sup>nd</sup>, to approve the minutes. Motion passed 3-0.

**First Selectman – None.**

### **Veolia Water Reports-**

Walter Royals reported that the plant had an E.coli violation (May 2<sup>nd</sup>) that was caused by chlorine analyzer not performing properly on that day, the analyzer performed properly the day before and the day after the violation. The phosphorous level was below permitted levels for the month.

Maintenance- Walter Royals reported that the chemical building fan frame and louvers were installed, talked about the power outage to the main plant and the pump stations-caused by the storms that happened in May 5/15/18. United Alarm installed at Peach and Nickelmire pump stations. Primary Tank #3 out of service, parts to bring it back on-line are ordered but the whole tank needs to be redone completely.

Sewer backup occurred on Swan Avenue & Route 67- homeowner's lateral was plugged, main line was fine.

Walter Royals presented a quote to repair the 22-year-old pump at Peach pump station- to repair is \$5958.00; brand new is \$10,613.00. Discussion ensued about the details on the pump.

Also presented was Northeast Generator quote for rodent control; \$865.00.

Walter Royals presented some quotes- Repairing the RAS pump; \$950 (Total rewind \$1850, brand new \$4,000+), a quote for a main sewage pump motors \$1,250 to repair. Jon Livolsi directed Walter Royals to get the quotes but try to limited actual repairs if the pump/motor is broken or will soon break- due to the need to pay off the Phosphorous removal system and regain additional funds.

Discussion ensued about the CTDOT core-bore new signs that straddle our main line on Route 8. Jim Galligan was directed to TV this sewer line as this is the main sewer line.

**Income report-** Jon Marro submitted this to the board.

**Financial Report-** this was submitted to the board.

**Invoices** – the following (see attached) invoices were submitted to the board for authorization of payment. **John Uhelsky** made a motion, Nick Teodosio 2<sup>nd</sup>, to accept the invoices for payment. Motion passed 3-0.

**Budget workshop-**

Jon Marro presented the WPCA board with the 2018-2019 FY proposed budget (see attached).

Discussion ensued about the amount of money currently in reserve and in cash on hand, and then the board and Jon Marro discussed the money spent on Capital projects (largely the Phosphorous removal system) and on the general maintenance (the dump truck repairs being the largest expense). Actual expenses were discussed and largely followed budget guidelines. Jon Marro, Atty Proto and the board then discussed the topic of “sinking funds”, and how they can be set-up, what they are used for and what capital expenses (long term) should be looked at; Belt Press, I&I study and sewer line upgrades to control I&I. Discussion also ensued about the use of a sinking fund to replace the belt press as a concrete example of the set-up of funds over a period of time. Atty. Proto explained that for a sinking fund to be setup- timeframe, costs and the particular project; the money in reserve could be setup a sub-account to fund the capital projects (belt-press for example), in addition this doesn’t have to be setup at current time and can be looked at after October.

**Jon Uhelsky** made a motion, Nick Teodosio 2<sup>nd</sup>, to approve the budget as presented. Motion passed 3-0.

**Legal Report** – Atty. Proto reported on the collections and will be looking into starting foreclosure action on the top three past due customers, hopefully to get their attention. Atty. Proto is going to setup a meeting between himself, Town Attorney and the HUD Attorney to discuss the payment of sewer use.

Charter revision- Atty. Proto has sent over to Atty. Brian LeClaire the language that was worked out in last month’s WPCA meeting. Atty. Proto will also try to attend the Charter Revision meetings.

**Engineering Report-** Jim Galligan reported on VCOG regionalization study; Walter Royals and himself attended a 4-hour meeting on this issue and gave his (Galligan’s) impressions of the meeting. Of particular interest, Jim Galligan reported on how Seymour has the highest rate of I&I and was the worst out of all of the towns surveyed. Discussion ensued about the I&I (Inflow and Infiltration) situation and what is underway (monitoring) to stem & fix this situation. Jim Galligan then continued that after 2-4 seasons the “problem areas” can be identified and then sewer rehabilitated (pipe bursting and lining) to the area that will provide the greatest effect for the cost. Smoke testing is another method for detection, but an unpopular one.

Fox Drive- Manhole frame & cover- Jim Galligan reports that the construction company at the location (doing milling/paving) will replace the supplied frame & cover as part of the project.

Country Club Rd/Fairway Lane- Jim Galligan did a mailing to determine if the residents wanted sewers installed. The result was a resounding "No" with 22 answers of No, 3 in favor, and only 8 that did not send a reply back.

**Nick Teodosio** made a motion, Jon Uhelsky 2<sup>nd</sup>, to cancel the project of installing sewers on Country Club Rd/Fairway Lane on the assumption that it can be opened in the future, but at this time there are more people opposed to this. Motion passed 3-0.

**Public Comment-** Colin Szuch asked why the Town doesn't fund the WPCA? Discussion ensued about the question- Atty. Proto stated that under State Law, the WPCA is a distinct body from the Town of Seymour, has its own set of laws and the Town of Seymour cannot direct it to do anything, the Town of Seymour can't order it to do anything, and the WPCA has its own authority, sets its own budget, its own rate structure. The WPCA works with the Town to pay the bills (as an administrative function) but the WPCA is a separate structure as recognized by CT Law. Discussion also ensued about the Clean Water Act and why it came about in the Valley.

**Adjournment-** Nick Teodosio made a motion, Jon Uhelsky 2<sup>nd</sup>, to adjourn the meeting. Motion passed 3-0. Meeting ended at 7:12pm.



SEYMOUR WATER POLLUTION  
CONTROL AUTHORITY

P.O. Box 275  
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**TO:** First Selectman

June 5, 2018

**From:** Seymour WPCA

**RE:** Invoices to be paid

The following invoices were submitted to the finance department for payment on May 8, 2018.

<u>Company</u>	<u>Invoice #</u>	<u>Amount</u>	<u>Date Paid</u>
Veolia Water	90151159	\$118,786.39	
Town of Seymour		\$930.00	
Comcast	Acct# 8773 40 216 0226334	\$265.85	
MTA Metro North Commuter Railroad	Acct.# t0001257	\$30.00	
State of Connecticut Dept. Emerg.Serv.	DPS54260	\$591.23	
Chippy's Service Station	Ref. 7157	\$325.00	
Chippy's Service Station	Ref. 7154	\$1201.46	
Chippy's Service Station	Ref. 7155	\$424.98	
Ralph Mann & Sons	40086	\$140.00	
CT DEEP	DEP303442	\$2,637.50	
JW Racing & Fabrication LLC	5/30/2108	\$380.00	
Nafis & Young	116-18	\$14,225.60	



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<u>Company</u>	<u>Invoice#</u>	<u>Amount</u>	<u>Date Paid</u>
Nafis & Young	115-18	\$2,198.00	
Nafis & Young	094-18	\$200.00	
Nafis & Young	093-18	\$1,727.00	
Benjamin Proto	117	\$1,170.00	
Veolia Water	#2	\$38,668.50	
Nafis & Young	117-18	\$7,590.75	

6/4/2018

## **MONTHLY OPERATIONS Report**

The Seymour WPCF had one exceedance for e-coli in May .all other parameters were in compliance in all of the monitoring requirements through the month of **May, 2018**.See Operational performance data below

Influent Total Nitrogen: 302.8pounds per day  
Effluent Total Nitrogen: 77.9 pounds per day  
Percent Removal: 74.3 %

2018 Nitrogen Trading Limit is 62 pounds per day

Influent Total Phosphorus: 3.29 mg/l  
Effluent Total Phosphorus: 0.48 mg/l  
Percent Removal: 85.4 %

Total Phosphorus Permit limit **1.09 mg/l (effective 4/1/2018)\***

Ortho Phosphorus in the effluent: 0.51 mg/l

Average Flow 1.34 MGD      Maximum daily Flow 1.76 MGD

## **SIGNIFICANT MAINTENANCE ACTIVITY**

### **Plant Repair and Maintenance items include the following**

- Dump truck air brake pressure tank valve replaced by Chippy's Service.
- Completed Primary Tank #4 repairs and put tank into service
- Completed Chlorine Bldg. Ex. Fan repairs,installed new frame,louvers and hood,returned to service.
- Cleaned clarifier wiers.
- Repaired top step at back door of OPS Bldg.
- Installed spill containment pipe for Bisulfite containment.
- Repaired top reactor drive #2 on Thickener, replaced chain ,adjusted idler sprocket.
- Had Polymer totes picked up/returned to vendor.
- Recieved second PAC delivery.
- Performed Prev. Maint. on small portable generator.
- Power Outage 5:00pm 5/15/18,Main Plant on emergency generator.
- Refueled Main Generator Plant power was restored on 5/17/18 at 8:00pm
- Primary Tank #3 out of service. Damage to chains,flights,attachments,wear plates etc.wear plate fastener corroded causing wear plate to obstruct operation Repairs needed.
- Jarvis Electrial Replaced auxilary contact switchh for to power up Belt Press Drive.

## **COLLECTION SYSTEM**

- Weekly Pump Station checks
- Had Jarvis Electrical troubleshoot Rolling hills PS control power issue, and replaced a fuse.
- Called for Backup at Swan Ave. & Rt.67, Checked manhole at Rt.67 intersection and dye tested from #11 Swan Ave. to Rt.67. Sewers were flowing normally. Problem is in homeowner's lateral.
- New alarm system and alarm call out box installed at Peach Drive Pump Station and Nicklemine PS by United Alarms
- Brought Northeast Generator to pump stations to provide quote for rodent screening etc.
- Called out for 30 Ansonia Drive manole cover, Replaced cover and packed around cover, notified N&Y to replace manhole frame ASAP since it is broken in three places.
- Opened High/low level float conduit and removed chiko cement in order to replace low level float.
- Checked with Contractors on Rt.8 installing signs with columns that straddle sewer pipe
- Marked out 72 Davis Ave.
- Peach PS #1 pump trips out, pulled pump, no blockage. Still tripped out.
- Changed impeller on repaired pump with Peach PS impeller, brought pump to Peach PS.
- Installed new leader hose on Jetter/flush truck high pressure hose.
- Power outage from heavy storm 5:00pm 5/15/18, All Pump stations went on emergency power.
- All stations except Peach PS power restored approx. 8:00pm 5/17/18, Peach PS restored on 5/25/18 @ 11:25 am
- Refueled Rolling Hills, Titus, Nicklemine, North Main, Peach, Glen Circle, and Stop & Shop PSs.

### **Other:**

**Quotes for rodent damage prevention in Emergency Generators at Pump Stations**

**Alarm call out boxes at Pump Stations installations ongoing**

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

**Peach PS Pu8mp #1 Removal and rebuild status**

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

**Rebuild quotes for RAS and Main Sewage Pump motors**

**Info requested by Naugatuck Council of Governments/ Black & Veach Engineers**

## **SAFETY**

**Safety Training completed in May 2018**

- Personal Protective Equipment
- Fall Protection
- Number of Days without a Lost Time Accident **12285**, as of 05/31/18

**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



June 4, 2018

**Town of Seymour**  
**WPCA**  
July 1, 2017 through May 31, 2018

Cash Balance 05/31/2018 428,319.72  
Reserve Acc 1,133,416.31

**May**  
**Monthly Summary**

**Deposits** 111,203.27  
Interest 1,102.60  
transfers to invest 1,000,000.00  
**TOTAL** 1,112,305.87

**Monthly Summary**

Cap Improvement

**Payments**  
US Filter \$118,786.39  
US Filter 439,331.50  
WJ Electric  
Amwell  
Northeast Water Maint & Ser  
Tower Generator Service  
Nafis & Young  
Knapp Engineering  
Holland Company  
Campbell Foundary  
Joseph Merritt & Co  
McVac Env Ser  
Nafis & Young 100.00  
Proto Benjamin 945.00  
Branse & Willis  
Calvert Lock  
WJ Electric 1,363.69  
Carlson Systems  
Chippy's Service Station  
Joseph Merritt & Co  
Bank Charge  
Comcast 265.85  
VanEtten  
Metro North  
Qdata 489.34  
Town Clerk 306.00  
Kee Safety  
Proto Benjamin  
Ct DEEP  
State of Ct  
**TOTAL** 561,587.77

Engineering

Legal

Legal

Maintenance

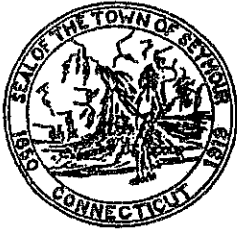
Misc

Monthly Cash Breakdown

May-18

<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 USAGE</u>	<u>Deposit Amount</u>
5/1/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,544.71	\$5,544.71
5/2/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,577.88	\$8,577.88
5/3/2018	\$ -	\$ -	\$ -	\$ -	\$ 450.00	\$ 6,937.92	\$7,387.92
5/4/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,005.06	\$3,005.06
5/7/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,457.55	\$5,457.55
5/8/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,003.38	\$7,003.38
5/9/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,891.68	\$7,891.68
5/10/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,983.52	\$1,983.52
5/11/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,026.47	\$2,026.47
5/15/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,122.93	\$2,122.93
5/16/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,021.19	\$3,021.19
5/17/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 792.62	\$792.62
5/18/2018	\$ -	\$ 200.00	\$ 20.00	\$ 50.00	\$ 900.00	\$ 18,931.18	\$20,101.18
5/21/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,057.85	\$2,057.85
5/23/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,446.34	\$3,446.34
5/24/2018	\$ -	\$ -	\$ -	\$ -	\$ 3,950.00	\$ 4,582.70	\$8,532.70
5/25/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,294.72	\$2,294.72
5/29/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,133.80	\$2,133.80
5/30/2018	\$ -	\$ 100.00	\$ -	\$ -	\$ 450.00	\$ 1,942.26	\$2,492.26
5/31/2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,724.89	\$3,724.89
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
TOTALS	\$0.00	\$300.00	\$20.00	\$50.00	\$5,750.00	\$93,478.65	

Grand Total \$99,598.65



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## TOWN OF SEYMOUR WATER POLLUTION CONTROL AUTHORITY FISCAL YEAR JULY 1ST 2018 TO JUNE 30, 2019

### Town of Seymour WPCA

#### Annual Operating Budget

Veolia Water Annual Contract Cost	\$1,446,818.22
Engineering & Site Inspections	\$11,000.00
Legal Counsel	\$16,000.00
State of Connecticut Licensing Fees	\$11,500.00
Maintenance	\$60,000.00
Town Clerk Lien/releases	\$12,000.00
IT/Quality Data	\$12,000.00
Miscellaneous	\$4,000.00
	<u>\$1,573,318.22</u>

**Estimated Revenues** \$4.60

Rate per 100 Cubic Feet  
Billable units of 100 CU Ft are  
467245 @ 4.60 at 87 percent collections \$1,869,914.49

Permits, Contractor fees, Dumper fees \$3,000.00  
CTDEP Denitrification Credit \$0.00  
Impact Fees \$10,000.00

**Total Estimated Revenue** \$1,882,914.49

#### Amount Available for Additional Capital Improvements

**\$309,596.27**