

received February 5, 2018 @ 2:45 pm

Donna J. Clements, ATC

**MEMBERS OF THE WPCA THAT ARE UNABLE TO ATTEND THIS MEETING, PLEASE
CALL ETHER DIAZ, (860) 644-2511, EXT. 243, ON OR BEFORE 4:30 P.M. ON THE DAY OF
THE MEETING**

**WATER POLLUTION CONTROL AUTHORITY
TOWN OF SOUTH WINDSOR**

REGULAR MEETING
MADDEN ROOM

REVISED AGENDA

7:00 P.M.
FEBRUARY 6, 2018

- A. ROLL CALL
- B. ACCEPTANCE OF MINUTES OF PREVIOUS MEETINGS
 - 1. January 9, 2018, Special Meeting
- C. NEW BUSINESS
 - 1. Lady Marion Woods, Foster Street Ext., (Approval to Connect)
 - 2. CT Valley Brewery, 765 Sullivan Avenue, (Approval to install a private meter)
 - 3. 48 Patria Road, Distinctive Tree Care (Approval to install a private meter)
 - 4. Evolution Aerospace, 425 Sullivan Avenue, (Approval to accept discharge)
 - 5. Miller Road Sewer Extension (Discussion/Approval)
 - 6. Rules and Regulations Section 6.2(c), Section 6.3(h), Section 6.3(j), and Section 9.2. (Discussion/Approval)
 - 7. Sewer Benefit Assessments Policy (Discussion/Approval)
 - 8. Budget Fiscal Year 2018/2019 (Discussion)
- D. COMMUNICATIONS AND REPORTS
 - 1. TaxServ/Town Constables Collection (Update)
 - 2. Boards and Commissions Roundtable Discussion
- E. PUBLIC PARTICIPATION (Items not on the agenda)
- F. BILLS, CHANGE ORDERS, DISBURSEMENTS
- G. UNFINISHED BUSINESS
 - 1. Reallocate Capital Improvements Funds (Update)
- H. MOTION TO GO INTO EXECUTIVE SESSION TO DISCUSS PENDING CLAIMS
 - 1. TaxServ Demand and Notice of Intent to Foreclose
- I. ADJOURNMENT

**WATER POLLUTION CONTROL AUTHORITY
TOWN OF SOUTH WINDSOR**

Rec. 2/21/2018
@ 2:20 PM

Theresa G. Samuels
A/C

**MINUTES
MADDEN ROOM**

**REGULAR MEETING
FEBRUARY 6, 2018 at 7:00 PM**

A. ROLL CALL

Members Present: Donald Antaya, Erik Dabrowski, Carol Fletterick, Toby Lewis, and Stephen Wagner

Members Absent: Richard Aries, Patrick Soucy

Alternates Present: Ed Havens, Jr. sitting in for Mr. Patrick Soucy

Alternates Absent: Vicki Paliulis

Staff Present: Tony Manfre, Superintendent of Pollution Control
Ether A. Diaz, Recording Secretary

Others Present: Robert Mannarino, Mannarino Builders, Inc.
Steve Palauskas, CT Valley Brewery
Joe Butler, Distinctive Tree Care
David Duprey, Evolution Aerospace

Vice - Chairman Erik Dabrowski called the meeting to order at 7:00 p.m. The following actions were taken during the February 6, 2018 Regular Meeting of the Water Pollution Control Authority (WPCA).

Mr. Ed Havens, Jr. was appointed to sit in for Mr. Patrick Soucy

B. ACCEPTANCE OF MINUTES OF PREVIOUS MEETING

1. December 9, 2017, Regular Meeting

Motion was made to accept the minutes of the November 8, 2017 regular meeting as presented.

The motion was made by Mr. Ed Havens, Jr. and seconded by Mr. Toby Lewis. The motion carried unanimously.

C. NEW BUSINESS

1. Lady Marion Woods, Foster Street Ext., (Approval to Connect)

Mr. Tony Manfre, Superintendent of Pollution Control explained that lot #1 is going to be subdivided into 3 lots. An extra lateral was provided to the original lot. As part of this application, Mr. Manfre requested installation of a sewer line chimney to reduce the depth of the lateral and accommodate the connection of lot #2.

Mr. Robert Mannarino of Mannarino Builders, Inc. was in attendance this evening and explained that he is not the applicant, however, he is in the process of purchasing this

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property. He explained that the sewer is about 15' to 17' deep in front of the property and is going to require trench boxes. Mr. Mannarino expressed that he is not in favor of the installation of a sewer line chimney to accommodate the connection of Lot #2 as this means more disturbance in the road. He explained that the road is newly paved and they are trying to preserve the pavement. Instead, Mr. Mannarino proposed to go with an inside drop into the existing manhole that is in front of lot #3 and have an easement over lot #3. Mr. Tony Manfre responded that he understands the concerns in the road in trying to preserve the pavement. However, tapping into a manhole has not typically been permitted due to maintenance concerns and decreasing the space inside the manhole.

Mr. Mannarino stated that he has done this before in situations when a road has just recently been paved and when there is a deep sewer. He expect to have challenges, including dewatering overnight. This is not going to be an easy sewer to hook up beside the expense part. This won't be done in one day being that deep, said Mr. Mannarino. Also, he thinks it's a hardship on the developer to put the sewer that way.

Mr. Manfre explained that the problem with an inside drop is that it will be very difficult for maintenance of the line. Mr. Mannarino responded that he can do a clean out in the Town's right of way which would allow for maintenance of the line.

Mr. Havens asked Mr. Tony Manfre what's the Town's precedence for inside drops; has it been done before in the Town, he asked. Mr. Manfre responded that they typically try to stay away from it, however, it has been done in extreme situations where there is really no other option.

Vice-Chairman Erik Dabrowski recommended to table approval of this matter until next meeting and have Mr. Manfre speak to the applicant's engineer. Mr. Mannarino expressed that he'll prefer not to table the approval because he needs this application approved in order to close on the purchase of the property.

Mr. Ed Havens, Jr. stated that something to keep in mind is that dewatering can be very expensive. He explained that he had to dewater when they built their building on Sullivan Avenue and it was supposed to be two days and it went on for five days. This can be very expensive, said Mr. Havens, Jr.

Motion to approve the connection of the proposed subdivision at Lady Marion Woods on Foster Street Extension under the following conditions:

1. Installation of a sewer line chimney to accommodate the connection of Lot 2.
2. Payment of a benefit assessment on Lot 2 in the amount of \$16,336 or current rate at time of connection.
3. Payment of a lateral charge and connection charge for each property at current set rate of connection.

The motion was made by Mr. Toby Lewis.

Motion was made to table this matter until next meeting.

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The motion was made by Mr. Stephen Wagner. There was no seconded to the motion, the motion failed.

Motion to approve the connection of the proposed subdivision at Lady Marion Woods on Foster Street Extension under the following conditions:

1. Installation of a sewer line chimney to accommodate the connection of Lot 2.
2. Payment of a benefit assessment on Lot 2 in the amount of \$16,336 or current rate at time of connection.
3. Payment of a lateral charge and connection charge for each property at current set rate of connection.

The motion was made by Mr. Toby Lewis and seconded by Ms. Carol Fletterick. The motion carried unanimously.

2. CT Valley Brewery, 765 Sullivan Avenue, (Approval to install a private meter)

Mr. Tony Manfre explained that a deduction meter has been previously installed at this location. The applicant is requesting approval for the deduction meter and to have this years flow be deducted from the sewer bill.

Mr. Stephen Palauskas, Applicant was in attendance this evening seeking approval of the previously installed private deduction meter to measure the amount of water that is not discharged to the sewer. He explained that at the brewery they manufacture beer in cans, kegs, and tap room sales. They provide to the state and federal governments manufacturing reports of the quantity of alcohol sold per month. He asked if these amounts can also be deducted also from the sewer usage fees.

Motion to approve a private deduction meter and accept the current readings to deduct from current user charge at CT Valley Brewery located at 765 Sullivan Avenue. This approval is subject to the following conditions:

1. The meter installed must meet all Town regulations and appropriate technical specifications relating to the use of such meter.
2. The applicant needs to read this meter not less than once a month, maintain a log of meter readings, and have the meter maintained according to manufacturer's requirements to ensure accurate flow measurement.
3. Following reasonable notice, the applicant shall allow the Town staff to inspect meter logs and check that the meter is in good operating order.
4. THE APPLICANT MUST COMPLETE AND SUBMIT THE METER REPORT FORM PROVIDED BY THE TOWN NO LATER THAN JANUARY 31ST OF EACH YEAR.

The motion was made by Ms. Carol Fletterick and seconded by Mr. Toby Lewis. The motion carried unanimously.

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3. 48 Patria Road, Distinctive Tree Care (Approval to install a private meter)

Joe Butler of Distinctive Tree Care was in attendance this evening. He explained that they have a tree care company on Patria Road whereby they store a lot of plantings and water it twice a day. There is currently four sprinklers outside and therefore, they are seeking approval to install a private deduction meter at 48 Patria Road, to measure the amount of the water that is not discharged in to the sewer.

Motion to approve a private deduction meter at Distinctive Tree Care located at 48 Patria Road, which may be used to measure the amount of the water that is not discharged to the sewer. This approval is subject to the following conditions:

1. The meter installed must meet all Town regulations and appropriate technical specifications relating to the use of such meter.
2. The applicant needs to read this meter not less than once a month, maintain a log of meter readings, and have the meter maintained according to manufacturer's requirements to ensure accurate flow measurement.
3. Following reasonable notice, the applicant shall allow the Town staff to inspect meter logs and check that the meter is in good operating order.
4. THE APPLICANT MUST COMPLETE AND SUBMIT THE METER REPORT FORM PROVIDED BY THE TOWN NO LATER THAN JANUARY 31ST OF EACH YEAR.

The motion was made by Mr. Ed Havens, Jr. and seconded by Mr. Toby Lewis. The motion carried unanimously.

4. Evolution Aerospace, 425 Sullivan Avenue, (Approval to accept discharge)

David Duprey of Evolution Aerospace was in attendance this evening. He explained that currently they have two water jet machines that cut materials and they use the water recycling system, however, it is damaging their machines. To keep the area clean they have been installing curtain drains around the water jet machines and then drain into a sump system. Therefore, they are seeking approval to discharge the recycled water into the Town's sewer system about four times a year. They have provided two samples of the water that is currently in the system and what the levels are to Mr. Manfre. Mr. Tony Manfre explained that he asked for lab tests to get an idea of the discharge levels. They are all within WPCA parameter with the exception of iron; one of the iron test came in above the Town's level requirements. Mr. Manfre proposed to have them test prior to pumping and to notify the Pollution Control Department before they pump.

Motion to approve the discharge of the floor sump at Evolution Aerospace located at 425 Sullivan Avenue under the following conditions:

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1. Prior to discharging the permittee will notify the Pollution Control Department.
2. Prior to discharge the permittee will test a sample of the sump contents for pH, COD, chromium and iron or any other constituents the Pollution Control Department may require.
3. Discharges will be limited to 4 times per year unless approved by the Pollution Control Department.
4. Discharge quantities will not exceed 2,000 gallons unless approved by the Pollution Control Department.

The motion was made by Mr. Toby Lewis and seconded by Ms. Carol Fletterick. The motion carried unanimously.

5. Miller Road Sewer Extension (Discussion/Approval)

Mr. Tony Manfre, Superintendent of Pollution Control explained that this matter was presented this evening during the Public Hearing. The Town Engineering Department is going to help with the specifications of the contract and the final design of the project.

Motion to approve the extension of a gravity public sewer on Miller Road between Cambridge Drive and Brightman Circle as proposed and to solicit Request for Proposals.

The motion was made by Mr. Toby Lewis and seconded by Ms. Carol Fletterick. Mr. Stephen Wagner abstained. The motion passed.

6. Rules and Regulations Section 6.2(c), Section 6.3(h), Section 6.3(j), and Section 9.2. (Discussion/Approval)

Motion to approve as amended by Mr. Stephen Wagner the revisions to Section 6.s(c), Section 6.3 (h), Section 6.3 (j) and Section 9.2 of the WPCA Rules and Regulations as proposed.

The motion was made by Mr. Ed Havens, Jr., and seconded by Ms. Carol Fletterick. Mr. Stephen Wagner abstained. The motion passed.

7. Sewer Benefit Assessments Policy (Discussion/Approval)

Mr. Tony Manfre explained that this matter was presented this evening during the Public Hearing. It is a revision of the Sewer Benefit Assessments policy and impact fees whereby now will be calculated using the EDU system. This is going to bring clarity and understanding to the members of the WPCA and also to the home owners and is a system that is used across the country, said Mr. Manfre.

Motion to approve the revision of Section 14 of the WPCA Rules and Regulations as proposed.

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The motion was made by Mr. Toby Lewis and seconded by Ms. Carol Fletterick. Mr. Stephen Wagner abstained. The motion passed.

8. Budget Fiscal Year 2018/2019 (Discussion)

Included with the Agenda was a copy of the proposed Pollution Control Budget FY 2018/2019 for discussion this evening (see Exhibit A. Mr. Tony Manfre discussed the Operation and Maintenance (O&M) component of the budget which includes the debt service, capital improvements for the next five years and any contributions to the reserve funds.

Mr. Manfre explained that this year the construction phase will be done to complete the Sullivan Avenue Siphon Rehab. This project was postponed for this year. There is a problem with surcharging upstream of the siphon structure that goes underneath the Podunk River in the south side of Sullivan Avenue. The plan is to carry the flow down to where the Podunk River crosses underneath Sullivan Avenue and where the siphon is located. This project is to increase the size of that siphon to carry the extraneous flow.

Vice-Chairman Dabrowski asked if this is the only solution. Mr. Manfre responded that different design options were considered, including running a pipe across the bridge, however, the State would not allow for that for various reasons. Mr. Donald Antaya suggested seeking opinion from Attorney Lord to see if there is any other options for this project.

Mr. Manfre also discussed the Miller Road Sewer Extension project. He explained that the WPCA initially discussed using the reserve funds to budget for this project. However, the Authority needs to decide whether or not use the reserve funds or budget for this project.

Mr. Manfre asked for any feedback or comments from members of the Authority. Mr. Stephen Wager said that the Town Council is going to appoint a subcommittee to look at once again charging based on water usage. However, some of the expenses in the WPC budget are fixed such as employees' salaries and the utilities use, therefore, Mr. Wagner asked, what part of the budget is more or less proportional to the flow and what part of the budget is the cost of having the infrastructure. Mr. Manfre responded that he can provide the overall flow based cost versus fixed cost.

A brief discussion ensued on the current policy for billing sewers. Mr. Donald Antaya explained that three years ago a sub-committee was formed to discuss this matter. However, after many discussions it was determined that the best option to bill sewers is based on a flat rate for all residential properties not based on water usage. Vice-Chairman Dabrowski asked perhaps to add a line item on the Agenda for further discussion of this matter. There were no further questions on the budget; the budget will be further reviewed for discussion throughout the next several WPCA meetings, said Mr. Manfre.

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D. COMMUNICATIONS AND REPORTS

1. TaxServ/Town Constables Collection (Update)

Mr. Tony Manfre reported that the Town Constables collected a total of \$1,154.46 through January 31st. Also, TaxServ collected \$13,839 through December 2017. A discussion ensued as to whether or not the Town Constables are making every collection effort including knocking on doors. Mr. Manfre was asked to invite the Collector of Revenue to the next WPCA meeting to discuss how collection process is going with the Town Constables.

2. Boards and Commissions Roundtable Discussion

Mr. Tony Manfre reported that on January 29, 2017 a meeting was held for all Town Boards and Commissions. In this meeting "quorum" was discussed. Also, there was discussion on recruiting unaffiliated people in Town for these Boards and Commissions. The other thing discussed was that the Town Council was asking the boards and commissions for feedback on better communication and transparency and on potentially having the WPCA meetings televised, however, there was a lot of opposition to that. Discussion ensued on potentially having the audio file of the meeting available on the Town's website.

E. PUBLIC PARTICIPATION (Items not on the agenda)

None

F. BILLS, CHANGE ORDERS, DISBURSEMENTS

None

G. UNFINISHED BUSINESS

1. Reallocate Capital Improvements Funds (Update)

Mr. Tony Manfre explained that recently Wright-Pierce was seeking approval to reallocate funds for two projects as they exceeded the "not-to-exceed" funds. However, Wright-Pierce agreed to front the cost overages in the amount of \$12,800 for work done on the Outfall stabilization project and Sullivan Avenue Siphon project since they exceeded the "not-to-exceed" budget without the approval of the WPCA.

H. MOTION TO GO INTO EXECUTIVE SESSION TO DISCUSS PENDING CLAIMS

Motion to go into Executive Session to discuss pending claims.

The motion was made by Mr. Ed Havens, Jr and seconded by Mr. Toby Lewis. The motion carried unanimously.

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1. TaxServ Demand and Notice of Intent to Foreclose

Motion was made to adjourn Executive Session at 8:38 p.m.

The motion was made by Toby Lewis and seconded by Ms. Carol Fletterick. The motion carried unanimously.

I. ADJOURNMENT

Motion to adjourn at 8:40 p.m.

The motion was made by Mr. Ed Havens, Jr. and seconded by Mr. Toby Lewis. The motion carried unanimously.

Respectfully Submitted,

Ether A. Diaz, Recording Secretary

Expenditure Classification	FY1718 YTD	FY1718 Adopted	FY1718 Adopt/Act Delta	FY1718 PROJECTED	FY1819 PROPOSED	FY1819/FY1718 DELTA
Personal Services						
110 Full-time Salaries	561,881	963,940	402,059	973,927	1,033,770	69,830
111 Overtime	69,519	51,969	-17,550	120,500	107,319	55,350
112 Longevity	700	0	-700	700	0	0
113 Part-time Salaries	0	0	0	0	0	0
130 Employee Benefits	342,990	572,606	229,616	572,606	599,684	27,078
Subtotal:	975,090	1,588,515	613,425	1,667,733	1,740,773	152,258
Materials & Expenses						
210 Office Supplies	1,177	1,600	423	1,600	1,600	0
221 Operating Materials	30,392	84,000	53,608	52,679	101,450	17,450
222 Motor Vehicle Supplies	5,836	24,620	18,784	10,116	24,620	0
223 Uniforms & Clothing	4,182	15,750	11,568	7,249	15,750	0
232 Equipment Repair	29,981	65,000	35,019	51,967	83,000	18,000
Subtotal:	71,568	190,970	119,402	123,611	226,420	35,450
Contractual Services						
310 Advertising	0	0	0	0	0	0
320 Professional	125,280	155,999	30,719	217,152	170,152	14,153
330 Rentals & Leases	8,619	26,020	17,401	14,940	30,420	4,400
350 Printing	0	0	0	0		0
360 Utilities	195,041	491,450	296,409	338,071	521,950	30,500
371 Maintenance Contracts	197,096	464,855	267,759	341,633	514,255	49,400
373 Repair Maintenance Equipment	13,687	19,000	5,313	23,724	36,400	17,400
374 Fees & Memberships	101	1,520	1,419	1,000	2,670	1,150
375 Recruitment & Training	3,456	25,300	21,844	5,990	23,480	-1,820
390 Other Purchase Services	121,751	296,500	174,749	211,035	326,000	29,500
393 Internal Service Charge	37,240	37,240	0	37,240	37,240	0
Subtotal:	702,271	1,517,884	815,613	1,190,785	1,662,567	144,683
Capital Outlay						
430 Capital Projects	7,125	43,000	35,875	43,000	107,000	64,000
441 Office Equipment	0	0	0	0	0	0
442 Department Equipment	0	50,000	50,000	0	98,100	48,100
Subtotal:	7,125	93,000	85,875	43,000	205,100	112,100
Department Total:	1,756,053	3,390,369	1,634,316	3,043,826	3,834,860	444,490.69

Exhibit A

CODE NO. & OBJECT DESCRIPTION PROGRAM		COST
100 PERSONNEL SERVICES		\$ 1,740,773
110 - FULL TIME SALARIES		
	Pollution Control Superintendent	76,573
	Plant Supervisor	91,550
	Facilities Mechanic	80,226
	Technician 4	80,226
	Technician 4	80,226
	Technician 3	74,298
	Technician 3	74,298
	Technician 3	74,298
	Mechanic 2	74,298
	Mechanic 2 (.75)	74,298
	Laboratory Analyst	74,298
	Mechanic 1	73,570
	Technician 2	59,114
	Administrative Secretary	46,500
	Less VMP Salary	0
	Salary Total	\$ 1,033,770

Wastewater Treatment

A flow of 900 million gallons is projected for FY 2018/2019 .

This activity has an annual manpower requirement of 11,200 hours.

Quality Control

The Laboratory Analyst performs chemical and bacteriological analyses of wastewater in measuring treatment performance and operational requirements for compliance with state and federal regulations. The manpower requirement for this function is 2300 hours.

Sludge Dewatering and Disposal

In FY2019, approximately 800 tons of sludge will be processed and transported to the Hartford Metropolitan District for disposal. This activity has a manpower requirement of 1500 hours.

Pump Stations

The Bureau maintains twelve pump stations. This inspection and maintenance activity has an annual manpower requirement of 3500 hours.

Sewer Line Cleaning

The collection system is available to 90% of the Town and extends approximately 140 miles. It services more than 8300 residential units and more than 400 industrial/commercial users. The EPA has established a program requirement for collections systems that parallels that for treatment plants (CMOM). This requires collection system oversight, as well as specific activities for line cleaning, CCTV inspections, I&I investigation and reduction and other assorted maintenance activities and reporting. These activities have a manpower requirement of 6500 hours.

Stand-by Compensation

Operator on stand-by for response to emergencies. (\$250 per week)

\$	13,000
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111 - OVERTIME

Weekend and Holiday Plant Inspection

(plant operations, record flows and data, inspect equipment, preventive maintenance, etc.)

13 holidays x 4 hrs. x 2 workers x 2.0 x 35.72

\$	7,430
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52 Saturdays x 2hrs. X 2 workers x 1.5 x 35.72	\$	11,145
52 Sundays x 2hrs. X 2 workers x 2 x 35.72	\$	14,860
<u>Alarms and Call Before You Dig (CBYD) Callouts</u>		

Historical records show that the department responds to approximately 100 alarms per year.

100 alarms/yr. X 4 hrs. x 2 workers x 1.75 x 35.72	\$	50,008
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Line Blockages

2 events/yr. X 3 workers x 4 hrs. x 1.75 x 35.72	\$	1,500
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Plant and Pump Station Repairs

75 hrs. x 2 workers x 1.75 x 35.72	\$	9,377
	<u>\$</u>	<u>94,319</u>

114 - TEMPORARY HELP

Temporary Help	\$	-
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130 - EMPLOYEE BENEFITS

FICA	\$	80,548
BC/BS	\$	305,048
Dearborn Life	\$	8,086
LTD	\$	1,570
STD	\$	585
W/C	\$	41,624
ICMA	\$	58,022
Lab Certification	\$	1,500
Aetna Pension	\$	95,602
CDL License	\$	2,500
State Licenses	\$	4,600
	<u>\$</u>	<u>599,684</u>

CODE NO. & OBJECT DESCRIPTION	PROGRAM	COST
200 MATERIALS AND SUPPLIES		\$ 226,420
210 - OFFICE SUPPLIES	Paper, pens, fax and printer cartridges	<u>\$ 1,600</u>
221 - OPERATING SUPPLIES	221.1 Plant Supplies 221.2 Publications 221.3 Shop Supplies 221.4 Signs 221.5 Emergency 221.6 Custodial Supplies 221.7 Line Cleaning Supplies 221.8 Safety Supplies 221.9 Chemicals 221.10 Building Supplies 221.11 Plumbing Supplies 221.12 Laboratory Supplies 221.13 Hardware Supplies 221.14 Sludge Disposal 221.15 Lubricants 221.16 Electrical Supplies	\$ 1,000 \$ \$ 4,000 \$ 1,200 \$ 1,500 \$ 3,500 \$ 25,000 \$ 4,000 \$ 25,000 \$ 1,750 \$ 2,000 \$ 18,500 \$ 3,500 \$ 2,500 \$ 4,500 \$ 3,500 <u>\$ 101,450</u>
222 - MOTOR VEHICLE SUPPLIES	Assumptions: Gasoline \$2.80 gal., Diesel \$ 2.90 gal. <u>Equipment No.</u> <u>Usage (gallons)</u> Diesel Generators - Pump Stations 600 81SW - 2017 Ford F-250 400 82SW - 2014 Ford E-350 Camera Truck 500 83SW - 2005 F450 Utility Truck 800 84SW - 1995 Ford LN9000 Vacuum Truck 300 80SW - 2009 Ford Explorer 300	<u>\$ 24,620</u> \$ 1,740 \$ 1,120 \$ 1,400 \$ 2,240 \$ 870 \$ 840

86SW - 2008 Combination Truck	1500	\$ 4,350
87SW - 2014 Ford F-350 Utility Truck	400	\$ 1,120
Pumps/Misc Equipment	100	\$ 290
		<u>\$ 13,970</u>

Repair Parts		
Portable Equipment		\$ 1,200
80SW - 2009 Ford Explorer		\$ 500
81SW - 2017 Ford F-250		\$ 750
82SW - 2014 Ford E-350 Camera Truck		\$ 500
83SW - 2005 F450 Utility Truck		\$ 1,200
84SW - 1995 Ford LN9000 Vacuum Truck		\$ 1,500
86SW - 2008 Combination Truck		\$ 4,500
87SW - 2014 Ford F-350 Utility Truck		\$ 500
		<u>\$ 10,650</u>

223 - UNIFORMS

Uniform rental program - 12 employees	\$ 10,000
Safety Shoes	\$ 3,250
New/Replacement Clothes	\$ 2,500
	<u>\$ 15,750</u>

232 - EQUIPMENT REPAIR

Materials for repair & maintenance of Treatment Plant equipment and pump stations:	
Plant Equipment	\$ 55,000
Pump Station Equipment	\$ 28,000
	<u>\$ 83,000</u>

CODE NO. & OBJECT DESCRIPTION	PROGRAM	COST
300 - CONTRACTUAL SERVICES		\$ 1,662,567
310 - Advertising/Printing	Advertisements	\$ -
320 - PROFESSIONAL		
	JobCal Support	\$ 900
	Rockwell Support	\$ 2,000
	Debt Mgt.	\$ 2,000
	Water Consumption Reports	\$ 1,200
	Insurance Premiums	\$ 137,652
	Legal Fees	\$ 9,000
	NPDES Compliance Testing	\$ 14,000
	NPDES Permit	\$ 2,400
	Random Drug Testing and Innoculations	\$ 1,000
		\$ 170,152
330 - RENTAL & LEASES		
	Cell Phone Services	\$ 19,500
	Replacement Cell Phones (4)	\$ 1,600
	GPS Rental	\$ 2,100
	SCADA Line Equipment Rental	\$ 3,300
	Security System	\$ 2,000
	Copier	\$ 1,920
		\$ 30,420
360 - UTILITIES		
	360.1 Electricity FY 2019 Estimate	
	Plant and UV System	\$ 360,000
	Pump Stations	
	Avery	\$ 4,000
	Barrington	\$ 2,500
	Benedict	\$ 30,000

Clark	\$ 44,750
Ellington	\$ 2,900
Pleasant Valley	\$ 9,400
Quarry Brook	\$ 3,100
Route 5	\$ 2,600
Rye	\$ 3,600
Scantic I	\$ 2,100
Scantic II	\$ 3,100
	<u>\$ 468,050</u>

360.2 Fuel	\$ 43,500
15000 gallons fuel oil at \$ 2.90 gal.	

360.3 Telephone (Land Lines)	\$ 4,800
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360.4 Water	
Treatment Plant	\$ 5,000
Clark Sreet Pump Station	\$ 600
	<u>\$ 53,900</u>

371 - MAINTENANCE CONTRACTS

Treatment Plant Pest Control	\$ 1,380
Container Rental and Trash Collection at the Treatment Plant:	\$ 4,000
Sludge Transportation and Disposal	\$ 340,000
Grit Transportation and Disposal	\$ 24,000
Custodial Building Maintenance at Treatment Plant	\$ 18,000
Treatment Plant and Pump Station Grounds Maintenance	\$ 13,000
Stormwater Inspection and Testing	\$ 5,275
Power Center and ATS Service Contract	\$ 15,000
Plant Generator Load Test/Adjustment	
SCADA Maintenance	\$ 24,000
Fire Alarm System Maintenance	\$ 2,800
HACH Analyzer Maintenance	\$ 14,000
HVAC Trane Control System Service Contract	\$ 2,800
HVAC Mechanical System Maintenance at Treatment Plant	\$ 45,000

	Controls/PLC Service Contract	\$ 5,000
		<u>\$ 514,255</u>
373 - REPAIR MAINTENANCE EQUIPMENT	Service calls	\$ 6,000
	Hoist Certification	\$ 4,000
	Fire Extinguisher Testing and Certifications	\$ 1,200
	Retrieval and Fall Protection Certification	\$ 2,800
	Backflow Preventer Certifications	\$ 1,500
	Boiler Certifications	\$ 3,000
	Internal Recycle Pump Rebuild	\$ 3,200
	TWAS Pump Rebuild	\$ 5,700
	Machining	\$ 3,500
	Flow Meter Calibrations	\$ 1,500
	Equipment Calibrations/Certifications	\$ 4,000
		<u>\$ 36,400</u>
374 - FEES & MEMBERSHIPS	Water Environment Federation	\$ 1,650
	Annual Meetings	\$ 800
	C.W.P.A.A.	\$ 220
		<u>\$ 2,670</u>
375 - RECRUITMENT & TRAINING	Training materials, technical seminars and conferences	18000
	DEEP Licensing Exams	480
	NASSCO	2500
	Safety and Compliance Training	2500
		<u>\$ 23,480</u>
390 - OTHER PURCHASE SERVICES	Vernon Sanitary Sewer Service (469 Units)	\$ 260,000
	MDC Sanitary Sewer Service	\$ 14,000
	Manchester Sanitary Sewer Service 85 units	\$ 52,000
		<u>\$ 326,000</u>
393 - INTERNAL SERVICE CHARGE	Engineering Dept and Collector of Revenue	<u>\$ 37,240</u>

CODE NO. & DESCRIPTION	PROGRAM	COST
400 - CAPITAL OUTLAY		\$205,100.00
430 - CAPITAL PROJECTS	Loading Dock Replacement (OSHA Violation) Wetwell Exhaust Fan Alarm System Radio Replacement Processor Replacement - UV System Processor/OIT Replacement - Pleasant Valley Pl Bar Screen Grinder Bar Screen Press Sludge Storage Tank Stairs Headworks Heater	\$0.00 \$7,000.00 \$0.00 \$12,000.00 \$18,000.00 \$22,000.00 \$8,000.00 \$ - \$40,000.00 \$107,000.00
441 - OFFICE EQUIPMENT		\$ -
442 - DEPARTMENT EQUIPMENT	Replacement Truck 83 (Utility Truck) Trailer Fine Bubble Diffusers (1300)	\$ 90,000 \$ - \$ 8,100 \$ 98,100.00

5 Year Capital Improvement Plan - FEB 2018

Fiscal Year	18/19	19/20	20/21	21/22	22/23	23/24
Inflation Factor @ 5%	1	1.050	1.103	1.158	1.216	1.276
Chapel Road Rehab:						
Phase 2 - 4200'			\$ 1,736,400			
Sullivan Ave Siphon/Relief Sewer	\$ 945,000					
Phase IV Sewer Rehab		\$ 1,250,208				
Clark St. FM Phase II				\$ 1,946,026	\$ 2,145,429	
Vegetation Management	\$ 286,875	\$ 79,125	\$ 50,250	\$ 45,625	\$ 45,625	\$ 58,230
I/I and MH Rehab	\$ 60,000	\$ 70,000	\$ 75,000	\$ 75,000	\$ 100,000	\$ 100,000
Outfall Stabilization	\$ 78,750					
Loading Dock Repair	\$ 100,000					
Vernon Upgrade	\$ 371,379	\$ 371,379	\$ 371,379			
MILLER RD EXT	\$ 340,000					
UNFORESEEN	\$ -	\$ 73,500	\$ 77,175	\$ 81,034	\$ 85,085	\$ 89,340
PUMP STATIONS						
Benedict Drive	\$ 50,000	\$ 500,000				
Clark Street		\$ 50,000	\$ 650,000			
Pleasant Valley			\$ 50,000	\$ 400,000		
Unforeseen		\$ 110,000	\$ 121,275	\$ 140,391	\$ 170,646	\$ 217,792
CIP TOTAL	\$ 2,232,004	\$ 2,504,212	\$ 3,131,479	\$ 2,688,075	\$ 2,546,786	\$ 465,363