

**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***

PUBLIC HEARING
COUNCIL CHAMBERS

TOWN HALL

6:30 PM
JUNE 2, 2015

A G E N D A

1. Proposed Water Pollution Control Budget and proposed Sewer User Charges, Surcharges, Sewer Assessment Schedules, and Septic Disposal Fees for Fiscal Year 2015/2016. (See Exhibit A and Exhibit B).

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

**MINUTES
TOWN COUNCIL CHAMBERS**

**PUBLIC HEARING
PAGE 1**

**JUNE 2, 2015
6:30 PM**

Members Present: Richard Aries, Donald Antaya, Robert Dickinson, Ed Havens, Jr. and Vicki Paliulis (arrived at 6:47 p.m.)

Members Absent: Carol Fletterick, William Vees

Alternates Present: Richard Siedman sitting in for Vicki Paliulis until her arrival at 6:47 p.m.
Richard Siedman sitting in for William Vees

Staff Present: C. Fred Shaw, Superintendent of Pollution Control
Ether A. Diaz, Recording Secretary

1. Proposed Water Pollution Control Budget and proposed Sewer User Charges, Surcharges, Sewer Assessment Schedules, and Septic Disposal Fees for Fiscal Year 2015/2016. (See Exhibit A and Exhibit B).

Chairman Richard Aries called the meeting to order at 6:30 p.m. He stated that the public hearing is being held to present the proposed Water Pollution Control budget (see Exhibit B) and to establish the proposed sewer user charge, surcharges, sewer assessment schedules, and septic disposal fees for fiscal year 2015/2016 (see Exhibit A). Ether Diaz, Recording Secretary read the Legal Notice as it was published in the Journal Inquirer (Exhibit A).

Ms. Vicki Paliulis arrived at 6:47 p.m. Chairman Richard Aries reappointed Mr. Richard Siedman to sit in for Mr. William Vees.

Five high school students were in attendance this evening. Chairman Richard Aries explained that the Water Pollution Control Authority (WPCA) has a mandate to ensure that the system is going to always run now and in the future, “the hidden highway underneath the roads, underneath the Town”; and to establish the sewer user rates every year. He explained that lengthy meetings were held with the Task Force Committee and representatives from the Town Council concerning how to reform the current billing structure in a more equitable way. He explained that there is a general understanding that the commercial and industrial users are getting charged less per gallon than the residential users. The (WPCA) determined that the best way to continue is with a flat sewer user rate; he explained that it is very difficult when trying to measure how people are utilizing the sewer system. Chairman Aries reported that the sewer rates will remain the same for fiscal year 2015/2016; the Authority has been able to meet the projected budget needs for the future without having to burden the residents or businesses in Town with increase in rates.

Chairman Aries turned the public hearing over to Mr. Fred Shaw to give a brief summary of the proposed budget (see Exhibit B). Mr. Fred Shaw explained that the Pollution Control Budget for fiscal year 2015/2016 involves the operation of the treatment plant, eleven pump stations and the maintenance of 130 miles of underground sewer pipe. The

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

**MINUTES
TOWN COUNCIL CHAMBERS**

**PUBLIC HEARING
PAGE 2**

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6:30 PM**

Operating & Maintenance (O&M) component of the budget this year is \$3,213,740 which represents an increase of less than 0.4% over the current fiscal year. The debt service is another component of the budget and this year is \$256,705 which also represents an increase of less than 0.3% over the current budget.

The capital improvements project portion of the budget involves a number of projects; among them the manhole rehabilitation program, extension of sewer lines and the Nevers Road sewer pipe extension. There is also a project funding set aside for the pipe rehabilitation on Avery Street and a program for Vegetation Management in the cross country sewer easements that are located off the road way and are not easy managed because they run through yards and through woods and so forth. That total cost for Capital Projects is \$681,000 in the proposed budget which represents an increase of about 40% over the current budget, additional funds are also being set aside for the operation reserve and equipment replacement reserve. Mr. Shaw explained that the total budget for fiscal year 2015/2016 is \$4,363,970; it will not be necessary to increase the sewer user charges. They will remain at the same rate.

Chairman Aries opened the public hearing to the public for comments. There were no questions or comments from the public. Chairman Richard Aries explained that members of the Water Pollution Control Authority are appointed volunteers that are very diligent when making decisions as they always have the Town's best interests in mind. Chairman Aries also explained that the Pollution Control staff makes sure that all of the pump stations and the treatment plant are maintained and in good working order. He explained that Mr. Fred Shaw is the Superintendent of Pollution Control and has really done a great job over the years to implement the budgets and to help guide the Authority in many ways.

Mr. Robert Dickinson expressed that further adjustments could be made to make the system fair. For example, he believes that small residential condos are being asked to pay an unfair sewer user charge.

Chairman Richard Aries expressed that Mr. Dickinson is been particularly active in seeking to find the alternate methods of billing; however, at this point and time this is not fully persuasive to the remainder of the group. There were no questions or comments from the public, Chairman Aries declared the Public Hearing closed at 6:55 p.m.

Respectfully Submitted,

Ether A. Diaz
Recording Secretary

LEGAL NOTICE
TOWN OF SOUTH WINDSOR
SEWER USER RATES FOR FY 2015/2016

Exhibit A

Pursuant to Chapter 103 Sections 7-245 through 7-255 of the Connecticut General Statutes, notice is hereby given that the South Windsor Water Pollution Control Authority will hold a Public Hearing on Tuesday, June 2, 2015 at 6:30 p.m. in the Town Council Chambers in the Town Hall, 1540 Sullivan Avenue, South Windsor, Connecticut to present the proposed Water Pollution Control Budget and to establish proposed sewer user charges, surcharges, sewer assessment schedules, septic disposal fees for fiscal year 2015-2016.

The proposed sewer user charge rates, surcharge rates, assessment schedules, septic disposal fees and regulation will be available on May 15, 2015 for review in the Town Clerk's Office in the Town Hall, 1540 Sullivan Avenue, South Windsor, Connecticut. Any appeals from such charges must be taken within twenty-one days after such filing.

Sewer User Rates

<u>Class of User</u>	<u>July 1, 2015 – June 30, 2016</u>
Residential (single family, condo unit) – flat rate	\$356.00 – per unit
Commercial – per 84,000 gallons	\$356.00 – Minimum charge per Business or condo unit.
Industrial – per 84,000 gallons	\$356.00 – Minimum charge per business or condo unit.

The Pro-rate adjustment for Fiscal Year 2015-2016 shall be as follows:

	<u>Date of Permit</u>	<u>Amount</u>	<u>Date of Permit</u>	<u>Amount</u>
Between	7/01/15 – 7/31/15	\$356.00	1/01/16 – 1/31/16	\$ 177.98
	8/01/15 – 8/31/15	\$326.33	2/01/16 – 2/29/16	\$ 148.31
	9/01/15 – 9/30/15	\$296.66	3/01/16 – 3/31/16	\$ 118.64
	10/01/15 – 10/31/15	\$266.99	4/01/16 – 4/30/16	\$ 88.97
	11/01/15 – 11/30/15	\$237.32	5/01/16 – 5/31/16	\$ 59.30
	12/01/15 – 12/31/15	\$207.65	6/01/16 – 6/30/16	\$ 29.63

Sewer User Surcharge Rates for Excessive Solids:

Biochemical Oxygen Demand (B.O.D.)	\$0.56/lb.
Total Suspended Solids (TSS)	\$0.55/lb

Sewer Assessment Schedule

	<u>Base</u>	<u>Frontage</u>	<u>Lateral</u>	<u>Connection Charge</u>
Residential, School	\$2,315	\$40 per foot	\$1,157 per lateral	\$1,157 per unit
Commercial/Industrial	----	\$76 per foot	\$1,157 per lateral	\$3,811 per acre
<u>Septic Disposal Fees:</u>	\$132	Per 1,500 gallons		

The foregoing user rates are established based upon estimated budget requirements and operating costs for the Pollution Control Division of the Public Works Department.

Richard Aries, Chairman
Water Pollution Control Authority

PROGRAM	Public Works – Pollution Control	DIVISION # 3252
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Program Explanation:

The Pollution Control Division of the Public Works Department is responsible for the collection, treatment, and discharge of wastewater. Activities include wastewater treatment, sludge disposal, laboratory analysis, sewer line and pump station maintenance. Program authorization is in accordance with Town Ordinances No. 50, No. 95, No. 102, and as amended by Ordinances No. 73, No. 70, No. 67, and No. 63; and as authorized under the Rules and Regulations promulgated by the Water Pollution Control Authority pursuant to authority conferred by Chapter 103 of the General Statutes, Revision of 1958, as amended and supplemented.

Budget Change Commentary:

Account 110 (Wages) will decrease by \$83,049 due to a reallocation of administrative hours from Pollution Control to the Refuse/Recycling Budget.

Program Objectives and Goals FY 2016:

- Rehabilitate 3,100 linear feet of truss pipe
- Apply for Clean Water Fund Grant to remove/repair sources of inflow/infiltration of water into sewer system
- Clean 30 miles of sewer lines
- Apply for a Clean Water Fund Planning Grant to complete a Rights-of-Way vegetation control plan
- Increase reserve capacity of Avery Street sewer main
- Extend Nevers Road sewer main
- Complete sewer reserve capacity analysis of Sullivan Avenue inverted siphon

Program Accomplishments FY 2015:

- Completed Closed Circuit TV inspection of 10,000 linear feet of sewer line to identify locations of inflow and infiltration into collection system
- Significant improvements in wastewater treatment to remove nitrogen will likely result in the Town not having to purchase any nitrogen credits
- Significant improvements in wastewater treatment have achieved a quality of effluent discharge to the Connecticut River that is close to potable water quality standards in terms of turbidity and solids concentrations.
- Completed sewer easement vegetation control management study
- Completed Arc Flash Hazard Assessment Study

2013-2014		2014-2015		Position Title	2015-2016	
Positions	FTE	Positions	FTE		Positions	FTE
1	.80	1	.80	Superintendent	1	0.80
1	1.00	1	1.00	Plant Supervisor	1	1.0
1	1.0	1	1.0	Facility Mechanic	1	1.0
1	1.0	1	1.0	Laboratory Technician	1	1.0
1	1.0	1	1.0	Plant Operator III	1	1.0
4	1.0	2	1.0	Plant Operator II	5	1.0
2	1.0	4	1.0	Plant Operator I	2	1.0
0	0	0	0	Plant Operator I	1	0.75
1	0.25	1	0.25	Administrative Secretary	1	0.25

Performance Data	Actual 2011-2012	Actual 2012-2013	Actual 2013-2014	Estimated 2014-2015	Anticipated 2015-2016
Wastewater Treated (million gallons)	808	926	909	920	920
Average Daily Effluent Suspended Solids (mg/l)	5	5	4	4	4
Average Daily Effluent Biochemical Oxygen Demand (mg/l)	4	4	3	3	3
Average Daily Effluent Total Nitrogen (lbs.)	277	106	106	106	106
Maintenance per Million Gallons of Wastewater Treated (hrs.)	6.49	8.4	8.6	8.6	8.6
Number of Emergency Call-outs or Alarms	148	117	142	120	120
Miles of Sewer Line Cleaned	2.8	2.5	3	10	30

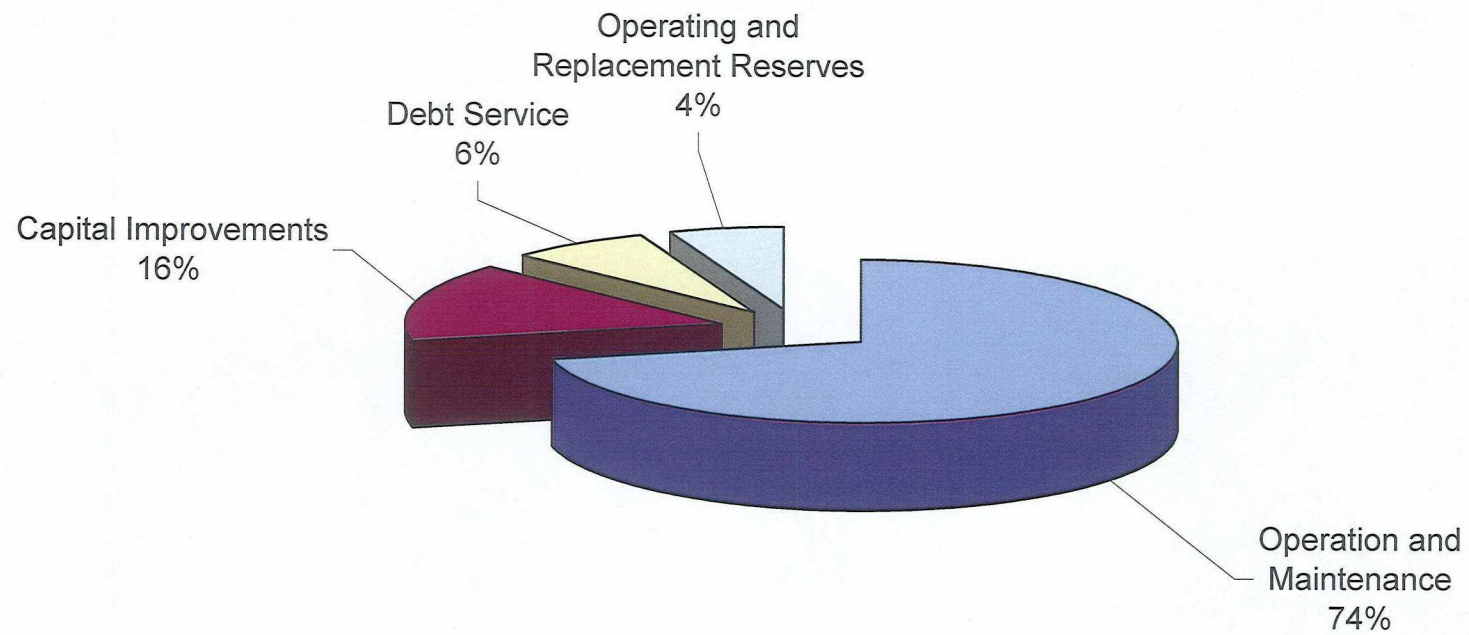
PUBLIC WORKS DEPARTMENT

FY 2015/2016

PROGRAM: Pollution Control

ACCOUNT NUMBER	EXPLANATION OF ENHANCEMENT/CHANGE	BUDGET IMPACT
002-1337-3252-110	Increase due to settlement of union contract and non-bargaining unit wage increases	\$81,079
002-1337-3252-130	Decrease due to reallocation of benefits to Refuse and Recycling Budget	(\$23,340)
002-1337-3252-223	Increase due to projected uniform replacements	\$5,302
002-1337-3252-320	Decrease due to transfer of SCADA maintenance contract cost to Account 371	(\$16,664)
002-1337-3252-360	Decrease due to lower oil/fuel cost projections	(\$24,100)
002-1337-3252-320	Increase costs due to additional SCADA support and increase in insurance premiums	\$16,875
002-1337-3252-360	Decrease due to lower estimate of Plant electrical costs	(\$9,150)
002-1337-3252-371	Increase due to transfer of SCADA maintenance contract from Account 320 and increase costs for equipment maintenance contracts.	\$67,700
002-1337-3252-375	Increase due additional safety and compliance training for newer employees	\$13,300
002-1337-3252-390	Decrease due to lower projections for grit disposal.	(\$3,000)
002-1337-3252-430	Decrease due to fewer capital projects	(\$87,000)
002-1337-3252-442	Decrease due to fewer equipment purchases	(10,000)
	TOTAL	\$34,342

Pollution Control Budget FY 2016 Expenditures



**ACTIVITY
PUBLIC WORKS**

**SEWAGE TREATMENT
AND DISPOSAL**

**ACCOUNT NO.
1337-3252**

**BUREAU OF POLLUTION CONTROL
STATEMENT OF ACTUAL AND ESTIMATED REVENUES**

<u>Sources of Revenue</u>	<u>Actual 2014/2015</u>	<u>Estimated 2014/2015</u>	<u>Total 2014/2015</u>	<u>Estimated 2015/2016</u>
Sewer User Charges	2,596,789	1,397,356	3,994,145	4,070,370
Industrial Surcharges	0	0	0	0
Septic Dumping Fees	5,371	5,679	11,050	11,050
Subtotal	2,602,160	1,403,035	4,005,195	4,081,420
Permit Fees	1,860	1,520	3,380	3,500
Assessments	0	0	0	26,000
Interest & Lien Fees	57,696	52,304	110,000	110,000
Connection Charges	31,184	38,816	70,000	70,000
Grant Reimbursement/Loan	0	115,136	115,136	50,000
Transfer from Operating Reserve	0	0	0	
Internal Services	23,000	0	23,000	23,000
Investment Interest Earnings	5	41	46	50
Subtotal	<u>113,745</u>	<u>207,817</u>	<u>321,562</u>	<u>282,550</u>
Total	2,715,905	1,610,852	4,326,757	4,363,970

**ACTIVITY
PUBLIC WORKS**

**SEWAGE TREATMENT
AND DISPOSAL**

**ACCOUNT NO.
1337-3252**

<u>Sources of Revenue</u>	<u>Actual 2013/2014</u>	<u>6 Mo.Actual 2014/2015</u>
Sewer User Charges	3,954,599	2,596,789
Industrial Surcharges	0	0
Septic Dumping Fees	11,778	5,371
Subtotal	3,966,377	
Permit Fees	2,820	1,860
Assessments	0	0
Interest & Lien Fees	112,406	57,696
Connection Charges	71,469	31,184
Grant Reimbursement/Loan	58,135	0
Transfer from Operating/Equipment Reserve	246,479	0
Internal Services	23,000	23000
Investment Interest Earnings	48	5
Subtotal	<u>514,357</u>	
Total	4,480,734	

Proposed FY 2016 Budget

Expenditure Classification	2014 Adopted	2014 Actual	2015 Adopted	2015 Year to Date	2015 ETC	2015 Projected EAC	2015 Delta	2016 Department Request	2016 Delta
Personal Services									
110 Full-time Salaries	811,452	788,700	789,131	454,616	334,500	789,116	-15	870,210	81,079
111 Overtime	38,049	80,532	40,211	53,800	10,000	63,800	23,589	39,866	-345
112 Longevity	1,820	1,675	1,820	875	800	1,675	-145	1,820	0
113 Part-time Salaries	0	0	0	0	0	0	0	0	0
130 Employee Benefits	504,477	482,000	536,035	442,970	93,000	535,970	-65	512,695	-23,340
Subtotal:	1,355,798	1,352,907	1,367,197	952,261	438,300	1,390,561	23,364	1,424,591	57,394
Materials & Expenses									
210 Office Supplies	1,000	1,260	1,000	800	300	1,100	100	1,200	200
221 Operating Materials	64,000	70,680	78,000	58,000	20,000	78,000	0	78,000	0
222 Motor Vehicle Supplies	20,990	13,427	22,640	15,850	6,790	22,640	0	24,620	1,980
223 Uniforms & Clothing	7,500	6,061	7,898	5,526	2,372	7,898	0	13,200	5,302
228 Small Tools	0	0	0	0	0	0	0	0	0
232 Equipment Repair	48,450	134,981	54,150	121,212	25,000	146,212	92,062	57,300	3,150
Subtotal:	141,940	226,409	163,688	201,388	54,462	255,850	92,162	174,320	10,632
Contractual Services									
310 Advertising	0	306	0	1,277	0	1,277	1,277	0	0
320 Professional	155,788	151,000	172,663	106,300	57,500	163,800	-8,863	155,999	-16,664
330 Rentals & Leases	17,520	20,705	17,520	11,000	6,200	17,200	-320	19,970	2,450
350 Printing	0	0	0	0	0	0	0	0	0
360 Utilities	524,700	493,590	515,550	337,400	178,200	515,600	50	491,450	-24,100
371 Maintenance Contracts	318,900	472,467	424,200	382,000	42,200	424,200	0	491,900	67,700
373 Repair Maintenance Equipment	29,700	18,409	15,200	2,900	12,300	15,200	0	18,750	3,550
374 Fees & Memberships	1,395	425	1,395	0	1,200	1,200	-195	1,520	125
375 Recruitment & Training	8,880	26,460	13,200	7,000	6,200	13,200	0	26,500	13,300
390 Other Purchase Services	300,000	339,100	299,500	30,000	269,500	299,500	0	296,500	-3,000
393 Internal Service Charge	37,240	37,240	37,240	37,240	0	37,240	0	37,240	0
Subtotal:	1,394,123	1,559,702	1,496,468	915,117	573,300	1,488,417	-8,051	1,539,829	43,361
Capital Outlay									
430 Capital Projects	0	0	162,000	155,300	2,500	157,800	-4,200	75,000	-87,000
441 Office Equipment	0	0	0	6,600	0	6,600	6,600	0	0
442 Department Equipment	225,000	213,100	10,000	0	10,000	10,000	0	0	-10,000
Subtotal:	225,000	213,100	172,000	161,900	12,500	174,400	2,400	75,000	-97,000
Department Total:	3,116,861	3,352,118	3,199,353	2,230,666	1,078,562	3,309,228	109,875	3,213,740	14,387

FY 2014/2015 Sewer Billing Evaluation

ACTUAL BILLINGS

<u>Category</u>	<u>FY 2014/2015</u>	<u>FY2013/2014</u>
Residential	\$2,925,608	\$3,059,694
Commercial	\$1,164,819.22	\$960,297.15
Total	<u>\$ 4,090,427.22</u>	<u>\$ 4,019,991.15</u>

WHAT IF RATE UNCHANGED

<u>Category</u>	<u>FY 2014/2015</u>	<u>FY2013/2014</u>
Residential	\$3,073,532	\$3,059,694
Commercial	\$1,047,199.20	\$960,297.15
Total	<u>\$4,120,731.20</u>	<u>\$4,019,991.15</u>

Conclusion: By increasing the rate (\$/gallon), the cost for the commercial sector increased(\$117,620) while the combined total revenue from both sectors decreased (\$30,304). The increase in the commercial sector was not enough to off-set the decrease in the residential sector even though the commercial flows were higher in FY 2014/2015 than flows in FY 2013/2014.

Town of South Windsor

Commercial and Industrial Condominiums
Impact of Sewer User Charge Changes

Commercial Condominiums

Address	No. Units	Account Number	Description	FY 14/15 User Charge Flow Based	FY 14/15 User Charge No. Units Based	FY 13/14 User Charge Flow Based
Evergreen Way	53 *	313390	shopping ctr-multi bldgs			
Tamarack Ave(#35)	12 **	313390	shopping ctr-multi bldgs			
Evergreen and 35 Tamarack Combined				\$32,313.12	\$47,551	\$36,430.76
Cedar Ave 100	1	300128	Fitness ctr	\$11,273.09	\$11,273.09	\$11,012.19
Tamarack Ave	4	300325	ECHN 2400,2600,2800	\$3,814.21	\$3,814.21	\$4,178.81
Wentworth Park 222 Oakland	25	300008	Phase One	\$1,034.10	\$8,900	\$933.06
Wentworth Park 85 Felt Rd	8	300324	Phase Two	\$356	\$2,848	\$374.00
641 Sullivan Avenue	1	301010	Mixed use	\$356	\$356	\$374.00
645, 647 Sullivan Avenue	1	300752		\$356	\$712	\$892.84
1050 Sullivan Avenue	7	313940	Med offices	\$665.37	\$2,492	\$546.95
1330-1350 Sullivan Avenue	12	342960	mixed use-Med & Off.	\$678.09	\$4,272	\$731.96
1333-1343 Sullivan Avenue	2	300135	Day Care & Off.	\$1,199.36	\$1,200.23	\$1,065.78
112 Deming St			Med & Off			
Unit A	1	370270		\$356	\$356	\$374.00
Unit B	1	370280		\$356	\$356	\$374.00
Unit C	1	370290		\$356	\$356	\$374.00
469 Buckland Rd	8	334720	Medical	\$13,051	\$13,051	\$6,016.87
Subtotal	137			\$66,164.34	\$97,538	\$63,679.22
* 10 additional potential units; ** 15 additional potential units						

Town of South Windsor

Commercial and Industrial Condominiums
Impact of Sewer User Charge Changes

Industrial Condominiums

Street Locator	Count		Description	FY 14/15 User Charge Flow Based	FY 14/15 User Charge No. Units Based	FY 13/14 User Charge Flow Based
400 Chapel Rd	35	329330	Mixed use	\$3,779.23	\$12,460	\$3,109.84
Nutmeg Rd 250 & 310 (One complex)			Mixed use			
250 Nutmeg Rd.	14	346720		\$656.20	\$4,984	\$412.11
310 Nutmeg Rd. (4 Bldg.)	36	347640		\$356.00	\$12,816	\$1,209.35
Subtotal	85			\$4,791.43	\$30,260	\$4,731.30
Indus./Comm. Total	222			\$70,955.77	\$127,798	\$68,410.52

March 10, 2015

Proposed FY 2016 Budget

CODE NO. & OBJECT DESCRIPTION	PROGRAM	COST
100 PERSONNEL SERVICES		\$ 1,424,591
110 - FULL TIME SALARIES		
	Pollution Control Superintendent	84,406
	Plant Supervisor	83,262
	Facilities Mechanic	74,485
	Operator III/Chief Operator	68,309
	Laboratory Analyst	63,669
	Operator II	62,379
	Operator II	62,379
	Operator II	62,379
	Operator II	62,379
	Operator II	62,379
	Operator I	54,891
	Operator I	54,891
	Operator I	54,891
	Administrative Secretary	11,111

Wastewater Treatment

A flow of 900 million gallons is projected for FY 2012/2013

This activity has an annual manpower requirement of 10,000 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 2500 hours.

Sludge Dewatering and Disposal

Proposed FY 2016 Budget

CODE NO. & OBJECT DESCRIPTION	PROGRAM	COST	
	In FY2014, approximately 800 tons of sludge will be dewatered and transported to the Hartford Metropolitan District for disposal. This activity has a manpower requirement of 2300 hours.		
	<u>Pump Stations</u>		
	The Bureau maintains twelve pump stations. This inspection and maintenance activity has an annual manpower requirement of 3500 hours.		
	<u>Sewer Line Cleaning</u>		
	The collection system is available to 90% of the Town and extends approximately 140 miles. It services more than 8000 residential units and more than 400 industrial/commercial users. This activity involves the routine monthly cleaning of trouble areas and the removal of blockages. It also includes cleaning and inspection of manholes and approximately 40 miles of line per year. The manpower requirements for these activities are 5600 hours.		
	<u>Stand-by Compensation</u>		
	Operator on stand-by for response to emergencies. (\$200 per week)	\$	8,400
		\$	870,210
111 - OVERTIME	<u>Weekend and Holiday Plant Inspection</u>		
	(plant operations, record flows and data, inspect equipment, preventive maintenance, etc.)		
	6 holidays x 4 hrs. x 2 workers x 2.0 x 30.27	\$	2,906
	<u>Alarms and Call Before You Dig (CBYD) Callouts</u>		
	Historical records show that the department responds to approximately 80 alarms per year.		
	80 alarms/yr. X 4 hrs. x 2 workers x 1.5 x 30.27	\$	29,060
	<u>Sewer Line Breaks and Line Blockages</u>		
	2 events/yr. X 3 workers x 4 hrs. x 1.5 x 30.27	\$	1,090

Proposed FY 2016 Budget

CODE NO. & OBJECT DESCRIPTION	PROGRAM	COST
	<u>Plant and Pump Station Repairs</u>	
	75 hrs. x 2 workers x 1.5 x 30.27	\$ 6,810
		\$ 39,866
112 - LONGEVITY	Longevity Payments	\$ 1,050
	Earned Day Payments	\$ 770
		\$ 1,820
114 - TEMPORARY HELP	Temporary Help	\$ -
130 - EMPLOYEE BENEFITS	FICA	\$ 65,793
	BC/BS	\$ 239,651
	Dearborn Life	\$ 4,587
	LTD	\$ 3,177
	STD	\$ 195
	W/C	\$ 43,308
	IMCA	\$ 42,192
	Aetna Pension	\$ 152,379
	State Licenses	\$ 3,200
	Prorated for Cost sharing with Public Works (Refuse/Recycling)	\$ 512,695

Proposed FY 2016 Budget

CODE NO. & OBJECT DESCRIPTION	PROGRAM	COST
200 MATERIALS AND SUPPLIES		\$ 174,320
210 - OFFICE SUPPLIES		
	Paper, pens, fax and printer cartridges	\$ 1,200
221 - OPERATING SUPPLIES		
	221.1 Plant Supplies	\$ 1,000
	221.2 Publications	\$ -
	221.3 Shop Supplies	\$ 4,000
	221.4 Signs	\$ 250
	221.5 Emergency	\$ 1,500
	221.6 Custodial Supplies	\$ 3,500
	221.7 Line Cleaning Supplies	\$ 12,000
	221.8 Safety Supplies	\$ 3,000
	221.9 Chemicals	\$ 22,000
	221.10 Building Supplies	\$ 1,750
	221.11 Plumbing Supplies	\$ 2,000
	221.12 Laboratory Supplies	\$ 15,000
	221.13 Hardware Supplies	\$ 3,500
	221.14 Sludge Disposal	\$ 2,000
	221.15 Lubricants	\$ 3,000
	221.16 Electrical Supplies	\$ 3,500
		\$ 78,000
222 - MOTOR VEHICLE SUPPLIES		\$ 24,620

Proposed FY 2016 Budget

CODE NO. & OBJECT DESCRIPTION	PROGRAM		COST
	Assumptions: Gasoline \$2.80 gal., Diesel \$ 2.90 gal.		
	<u>Equipment No.</u>	<u>Usage (gallons)</u>	
	Diesel Generators - Pump Stations	600	\$ 1,740
	81SW - 1997 Ford F-250	400	\$ 1,120
	82SW - 2014 Ford E-350 Camera Truck	500	\$ 1,400
	83SW - 2005 F450 Utility Truck	800	\$ 2,240
	84SW - 1995 Ford LN9000 Vacuum Truck	300	\$ 870
	80SW - 2009 Ford Explorer	300	\$ 840
	86SW - 2008 Combination Truck	1500	\$ 4,350
	87SW - 2014 Ford F-350 Utility Truck	400	\$ 1,120
	Pumps/Misc Equipment	100	\$ 290
			\$ 13,970
	Repair Parts		
	Portable Equipment		\$ 1,200
	80SW - 2009 Ford Explorer		\$ 500
	81SW - 1997 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
			\$ 10,650
223 - UNIFORMS	Uniform rental program - 12 employees		\$ 8,500
	Safety Shoes		\$ 2,200
	New/Replacement Clothes		\$ 2,500
			\$ 13,200

Proposed FY 2016 Budget

CODE NO. & OBJECT DESCRIPTION	PROGRAM	COST	
232 - EQUIPMENT REPAIR	Materials for repair & maintenance of Treatment Plant equipment and pump stations:		
	Plant Equipment	\$	20,000
	UV System Bulbs (24)	\$	10,100
	UV System Ballasts (6)	\$	6,000
	UV System Miscellaneous Parts	\$	1,200
	Pump Station Equipment	\$	20,000
		\$	57,300

Proposed FY 2016 Budget

CODE NO. & OBJECT DESCRIPTION	PROGRAM	COST
300 - CONTRACTUAL SERVICES		\$ 1,539,829
310 - Advertising/Printing		
320 - PROFESSIONAL		
	JobCal Support	\$ 900
	Rockwell Support	\$ 2,000
	Debt Mgt.	\$ 2,000
	Water Consumption Reports	\$ 1,200
	Insurance Premiums	\$ 132,599
	NPDES Compliance Testing	\$ 14,000
	NPDES Permit	\$ 2,300
	Random Drug Testing and Innoculations	\$ 1,000
		\$ 155,999
330 - RENTAL& LEASES		
	Cell Phone Services	\$ 15,250
	Replacement Cell Phones(14)	\$ 2,800
	Copier	\$ 1,920
		\$ 19,970
360 - UTILITIES		
	360.1 Electricity FY 2016 Estimate (+2%)	
	Plant and UV System	\$ 329,500
	<u>Pump Stations</u>	
	Avery	\$ 4,000
	Barrington	\$ 2,500
	Benedict	\$ 30,000
	Clark	\$ 44,750
	Ellington	\$ 2,900

Proposed FY 2016 Budget

CODE NO. & OBJECT DESCRIPTION	PROGRAM	COST
	Pleasant Valley	\$ 9,400
	Quarry Brook	\$ 3,100
	Route 5	\$ 2,600
	Rye	\$ 3,600
	Scantic I	\$ 2,100
	Scantic II	\$ 3,100
		\$ 437,550
	360.2 Fuel	\$ 43,500
	15000 gallons fuel oil at \$ 2.90 gal.	
	360.3 Telephone	\$ 4,800
	360.4 Water	
	Treatment Plant	\$ 5,000
	Clark Sreet Pump Station	\$ 600
		\$ 491,450
371 - MAINTENANCE CONTRACTS	Treatment Plant Pest Control	\$ 1,380
	Container Rental and Trash Collection at the Treatment Plant:	\$ 4,000
	Sludge Transportation and Disposal	\$ 338,000
	Grit Transportation and Disposal	\$ 12,000
	Custodial Building Maintenance at Treatment Plant	\$ 18,000
	Treatment Plant and Pump Station Grounds Maintenance	\$ 10,600
	Stormwater Testing	\$ 3,500
	Power Center and ATS Service Contract	\$ 15,000
	SCADA Maintenance	\$ 24,000
	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
		\$ -
		\$ 491,900

Proposed FY 2016 Budget

CODE NO. & OBJECT DESCRIPTION	PROGRAM	COST
373 - REPAIR MAINTENANCE EQUIPMENT	Service calls	\$ 4,500
	Hoist Certification	\$ 4,000
	Fire Extinguisher Testing and Certifications	\$ 1,000
	Retrieval and Fall Protection Certification	\$ 1,500
	Backflow Preventer Certifications	\$ 750
	Boiler Certifications	\$ 3,000
	Equipment Calibrations/Certifications	\$ 4,000
		\$ 18,750
374 - FEES & MEMBERSHIPS	Water Environment Federation	\$ 1,050
		\$ -
	Annual Meetings	\$ 250
	C.W.P.A.A.	\$ 220
		\$ 1,520
375 - RECRUITMENT & TRAINING	Training materials, technical seminars and conferences	\$ 18,000
	DEEP Licensing Exams	\$ 2,400
	NASSCO	\$ 3,600
	Safety and Compliance Training	\$ 2,500
		\$ 26,500
390 - OTHER PURCHASE SERVICES	Vernon Sanitary Sewer Service (469 Units)	\$ 240,000
	MDC Sanitary Sewer Service	\$ 12,000
	Manchester Sanitary Sewer Service 85 units	\$ 44,500
		\$ 296,500
393 - INTERNAL SERVICE CHARGE	Sewer billing, collection, and engineering inspections	\$ 37,240

Proposed FY 2016 Budget

CODE NO. & DESCRIPTION	PROGRAM	COST
400 - CAPITAL OUTLAY		\$ 75,000.00
430 - CAPITAL PROJECTS		
	BioFilter Media Replacement	\$ 20,000.00
	Generator PLC Power Supply Modification	\$ 3,500.00
	Rolloff Room Refurbishment	\$ 10,000.00
	BDPS Flow Transducers	\$ 12,000.00
	BDPS Wetwell Air Purge System	\$ 11,000.00
	Aeration Tanks - Air Flow Transducers	\$ 18,500.00
		\$ 75,000.00
441 - OFFICE EQUIPMENT		
442 - DEPARTMENT EQUIPMENT		

**ACTIVITY
PUBLIC WORKS**

**SEWAGE TREATMENT
AND DISPOSAL**

**ACCOUNT NO.
1337-3252**

DEBT SERVICE - PRINCIPAL & INTEREST

Department
Request

Manager
Proposed

Council
Approved

TOWN OF VERNON:

Principal	21,899	
Interest	<u>7,093</u>	
Subtotal	28,992	
<u>State Grant UV System:</u>		
Principal	33,831	
Interest	<u>14,283</u>	
Subtotal	48,114	
<u>Pleasant Val. Pump Station Upgrade</u>		
Principal	16,749	
Interest	<u>7,472</u>	
Subtotal	24,221	
<u>Submersible Pump Station Upgrade</u>		
Principal	66,309	
Interest	<u>27,994</u>	
Subtotal	94,303	
<u>Dry Pit Pump Station Upgrades (Interest)</u>		
	61,075	
Total Debt Service	<u>256,705</u>	

CAPITAL IMPROVEMENTS

TREATMENT SYSTEM:

0

COLLECTION SYSTEM:

Manhole Rehab., I/I Removal (Reserve for Capital Projects)	55,000
Nevers Road Sewer Extension	69,000
Truss Pipe Rehab	231,000
Avery St. Sewer Main Improvements	100,000
Easement Vegetation Management	226,000

TOTAL CAPITAL IMPROVEMENTS: 681,000

ACTIVITY
PUBLIC WORKS

SEWAGE TREATMENT
AND DISPOSAL

ACCOUNT NO.
1337-3252

CONTRIBUTIONS TO RESERVE FUNDS

Operating Reserve
Replacement Reserve

	180,200
	31,625
Total	<hr/> 211,825