

received 05/03/2019 @ 12:25 pm
C. Diaz & C. Diaz 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***

**PUBLIC HEARING
COUNCIL CHAMBERS**

AGENDA

**6:30 PM
MAY 7, 2019**

1. Proposed Water Pollution Control Budget, proposed Sewer User Charges, Surcharges, Sewer Assessment Schedules, Septic Disposal Fees, and to present the proposed Sewer User Charge Discount Rates for Qualified Income Residents for Fiscal Year 2019/2020.

received 4/4/19 @ 11:30 AM
country canceller, etc

TOWN OF SOUTH WINDSOR
Sewer User Rates, Surcharge Rates, Sewer Assessment Schedule, and
Septic Disposal Fees for FY 2019/2020

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, May 7, 2019 at 6:30 p.m. at 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, and to present the proposed sewer user charge discount rates for qualified income residents for fiscal year 2019-2020. The proposed sewer user charge rates, surcharge rates, assessment schedules, septic disposal fees will be available on Tuesday, April 9, 2019 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

Class of User

July 1, 2019 – June 30, 2020

Residential (single family, condo unit)

\$425– Flat rate per unit

Commercial/Industrial

\$425– Minimum charge per

(per 84,000 gallons)

business or condo unit.

The Pro-rate adjustment for Fiscal Year 2019-2020 shall be as follows:

	<u>Date of Permit</u>	<u>Amount</u>	<u>Date of Permit</u>	<u>Amount</u>
Between	7/01/19 – 7/31/19	\$425.00	1/01/20 – 1/31/20	\$212.48
	8/01/19 – 8/31/19	\$389.58	2/01/20 – 2/29/20	\$177.06
	9/01/19 – 9/30/19	\$354.16	3/01/20 – 3/31/20	\$141.64
	10/01/19 – 10/31/19	\$318.74	4/01/20 – 4/30/20	\$106.22
	11/01/19 – 11/30/19	\$283.32	5/01/20 – 5/31/20	\$ 70.84
	12/01/19 – 12/31/19	\$247.90	6/01/20 – 6/30/20	\$ 35.42

Sewer User Surcharge Rates for Excessive Solids:

Biochemical Oxygen Demand (B.O.D.)

\$0.40/lb.

Total Suspended Solids (TSS)

\$0.66/lb.

Sewer Assessment Schedule

	<u>Base</u>	<u>Frontage</u>	<u>Lateral</u>	<u>Connection Charge</u>
Residential, School	\$2,708	\$43 per foot	\$1,225 per lateral	\$1,225 per unit
Commercial/Industrial	\$2,708	\$82 per foot	\$1,225 per lateral	\$3,920 per acre

Septic Disposal Fees: \$145 Per 1,500 gallons

Equivalent Dwelling Unit (EDU) Table:

EDU	BEDROOMS		EDU	WATER METER SIZE
0.75	2 OR LESS		1	<1"
1	3		2	1"
1.25	4		3	1.5"
1.5	5		4	2"
2	6		6	3"
3	7-9		8	4"
4	10-12		12	6"
5	13-15		16	8"
6	16-18		20	10"
7	19-21		24	12"
8	22-24			
9	25-27			
10*	28-30			

*1 EDU will be applied for every 3 bedrooms over 30 bedrooms
Qualifying Income Sewer User Charge Discount

Home Owners
FY 2019/2020
Full Undiscounted Residential User Charge is \$425
Filing Period February 1, 2019 – May 15, 2019

Income		User Charge Credit %		Discounted User Charge	
Over	To	Married	Unmarried	Married	Unmarried
\$0	\$18,100	50%	40%	\$212.50	\$255.00
\$18,100	\$24,200	40%	30%	\$255.00	\$297.50
\$24,200	\$30,200	30%	20%	\$297.50	\$340.00
\$30,200	\$36,000	20%	10%	\$340.00	\$382.50
\$36,000	\$43,900	10%	0%	\$382.50	\$425.00

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

FUNCTION
Water Pollution
Control Authority

TOWN OF SOUTH WINDSOR
WATER POLLUTION CONTROL AUTHORITY
BOARDS AND COMMISSIONS

ACCOUNT NO.
1129

EXPENDITURE CLASSIFICATION	FY1718 ACTUAL	FY1819 ADOPTED	FY1819 ESTIMATED	FY1920 REQUEST
PERSONAL SERVICES				
110 FULL TIME SALARIES	\$ -	\$ -	\$ -	\$ -
SUBTOTAL:	\$ -	\$ -	\$ -	\$ -
MATERIALS & EXPENSES				
210 OFFICE SUPPLIES	\$ 155	\$ 50	\$ 50	\$ 50
SUBTOTAL:	\$ 155	\$ 50	\$ 50	\$ 50
CONTRACTUAL SERVICES				
310 ADVERTISING	\$ 1,029	\$ 850	\$ 850	\$ 850
320 PROFESSIONAL	\$ -	\$ -	\$ -	\$ 2,000
350 PRINTING	\$ -	\$ -	\$ -	\$ -
374 FEES AND MEMBERSHIPS	\$ -	\$ -	\$ -	\$ -
SUBTOTAL:	\$ 1,029	\$ 850	\$ 850	\$ 2,850
CAPITAL OUTLAY				
430 Capital Projects	\$ -	\$ -	\$ -	\$ -
441 Office Equipment	\$ -	\$ -	\$ -	\$ -
SUBTOTAL	\$ -	\$ -	\$ -	\$ -
DEPARTMENT TOTAL	\$ 1,184	\$ 900	\$ 900	\$ 2,900

	FY1718 Adopted	FY1819 ADOPTED	YTD AS OF 3-28-19	FY1920 PROPOSED	DELTA FROM LAST YEAR	% CHANGE
100 Personal Services						
110 Full-time Salaries	\$ 963,940	\$ 998,895	\$ 734,477	\$ 1,010,251	\$ 11,356	1.1%
111 Overtime	\$ 51,969	\$ 107,319	\$ 65,832	\$ 113,539	\$ 6,220	5.8%
112 Longevity	\$ -	\$ -	\$ 700	\$ 700	\$ 700	0.0%
113 Part-time Salaries	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
130 Employee Benefits	\$ 572,606	\$ 599,684	\$ 560,201	\$ 498,475	\$ (101,209)	-16.9%
Subtotal:	\$ 1,588,515	\$ 1,705,898	\$ 1,361,210	\$ 1,622,965	\$ (82,933)	-4.9%
200 Materials & Expenses						
210 Office Supplies	\$ 1,600	\$ 1,600	\$ 550	\$ 1,600	\$ -	0.0%
221 Operating Materials	\$ 84,000	\$ 91,450	\$ 57,487	\$ 131,450	\$ 40,000	43.7%
222 Motor Vehicle Supplies	\$ 24,620	\$ 24,620	\$ 4,934	\$ 27,550	\$ 2,930	11.9%
223 Uniforms & Clothing	\$ 15,750	\$ 15,750	\$ 8,908	\$ 15,750	\$ -	0.0%
232 Equipment Repair	\$ 65,000	\$ 83,000	\$ 71,829	\$ 97,000	\$ 14,000	16.9%
Subtotal:	\$ 190,970	\$ 216,420	\$ 143,708	\$ 273,350	\$ 56,930	26.3%
300 Contractual Services						
310 Advertising	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
320 Professional	\$ 155,999	\$ 160,252	\$ 151,921	\$ 161,500	\$ 1,248	0.8%
330 Rentals & Leases	\$ 26,020	\$ 30,420	\$ 17,887	\$ 33,400	\$ 2,980	9.8%
360 Utilities	\$ 491,450	\$ 501,950	\$ 307,344	\$ 529,650	\$ 27,700	5.5%
371 Maintenance Contracts	\$ 464,855	\$ 497,255	\$ 251,811	\$ 567,100	\$ 69,845	14.0%
373 Repair Maintenance Equip.	\$ 19,000	\$ 29,700	\$ 31,078	\$ 32,000	\$ 2,300	7.7%
374 Fees & Memberships	\$ 1,520	\$ 2,670	\$ 750	\$ 2,670	\$ -	0.0%
375 Recruitment & Training	\$ 25,300	\$ 23,480	\$ 8,762	\$ 24,200	\$ 720	3.1%
390 Other Purchase Services	\$ 296,500	\$ 326,000	\$ 66,983	\$ 326,000	\$ -	0.0%
393 Internal Service Charge	\$ 37,240	\$ 37,240	\$ 37,240	\$ 45,000	\$ 7,760	17.2%
Subtotal:	\$ 1,517,884	\$ 1,608,967	\$ 873,776	\$ 1,721,520	\$ 112,553	7.0%
400 Capital Outlay						
430 Capital Projects	\$ 43,000	\$ 65,000	\$ 18,620	\$ 45,000	\$ (20,000)	-30.8%
441 Office Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
442 Department Equipment	\$ 50,000	\$ 96,600	\$ 8,506	\$ 72,500	\$ (24,100)	-24.9%
Subtotal:	\$ 93,000	\$ 161,600	\$ 27,126	\$ 117,500	\$ (44,100)	-27.3%
Department Total:	\$ 3,390,369	\$ 3,692,885	\$ 2,405,820	\$ 3,735,335	\$ 42,450	1.1%

CODE NO. & DESCRIPTION	PROGRAM	COST
100 PERSONNEL SERVICES		\$ 1,622,964.61
110 FULL TIME SALARIES	ANNUAL	
	SUPERINTENDENT*	\$ 83,796
	PLANT SUPERVISOR	\$ 85,640
*SALARY IS 80% FUNDED BY WPCA	FACILITIES MECHANIC	\$ 81,830
**SALARY IS 25% FUNDED BY WPCA	TECHNICIAN 4	\$ 81,830
	TECHNICIAN 4	\$ 81,830
	TECHNICIAN 3	\$ 75,784
	MECHANIC 2	\$ 75,784
SALARY INCREASES:	MECHANIC 2	\$ 75,784
MANAGEMENT	MECHANIC 2	\$ 75,784
CSEA UNION 2%	LABORTORY ANALYST	\$ 75,784
AFSME UNION 2%	MECHANIC 1	\$ 75,041
	TECHNICIAN 2	\$ 69,207
	TECHNICIAN 1	\$ 60,296
	ADMINISTRATIVE SECRETARY**	\$ 11,861
	Salary Total	\$ 1,010,251
111 OVERTIME		
SCHEDULED OVERTIME:		
SATURDAYS (52 DAYS)		
# OF HRS # OF STAFF WAGE x 1.5		
2 2 \$ 59.01	SATURDAY OVERTIME	\$ 12,275
	SUNDAY OVERTIME	\$ 16,366
SUNDAYS (52) AND HOLIDAYS (13)	HOLIDAY OVERTIME	\$ 4,092
# OF HRS # OF STAFF WAGE x 2	SCHEDULED OT TOTAL	\$ 32,732
2 2 \$ 78.68		
UNSCHEDULED OVERTIME:	ALARMS	\$ 55,077.96
ALARMS/YR 100	LINE BLOCKAGES	\$ 1,101.56
LINE BLOCKAGES/YR 2	REPAIRS	\$ 10,327.12
PLANT/PS REPAIR (HRS.) 75	UNSCHEDULED OT TOTAL	\$ 66,507
# OF HRS # OF STAFF WAGE x 1.75		
4 2 \$ 68.85		
STAND BY COMP:	STAND BY COMPENSATION	\$ 14,300
WKS/YR COST/WK.	TOTAL	\$ 14,300
52 \$ 275		
112 LONGEVITY		
	LONGEVITY PAYMENT	700
	TOTAL	\$ 700

CODE NO. & DESCRIPTION	PROGRAM	COST
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114 TEMPORARY HELP

TEMPORARY/SEASONAL HELP	\$	-
TOTAL	\$	-

130 EMPLOYEE BENEFITS

FICA	\$	86,631
BC/BS	\$	207,035
DEARBORN LIFE	\$	7,752
LTD	\$	1,374
STD	\$	221
W/C	\$	38,924
ICMA	\$	56,579
LAB CERTIFICATION	\$	1,500
AETNA PENSION	\$	91,359
CDL LICENSE	\$	2,500
STATE LICENSES	\$	4,600
TOTAL	\$	498,475

CODE NO. & DESCRIPTION	PROGRAM	COST
200 MATERIALS AND SUPPLIES		\$ 273,350

210 OFFICE SUPPLIESPAPER, PENS, FAX, AND PRINTER
CARTRIDGES

SUPPLIES	\$ 1,600
TOTAL	\$ 1,600

221 OPERATING SUPPLIES

221.1 PLANT SUPPLIES	\$ 1,000
221.2 PUBLICATIONS	\$ -
221.3 SHOP SUPPLIES	\$ 4,000
221.4 SIGNS	\$ 1,200
221.5 EMERGENCY	\$ 1,500
221.6 CUSTODIAL SUPPLIES	\$ 3,500
221.7 LINE CLEANING SUPPLIES	\$ 25,000
221.8 SAFETY SUPPLIES	\$ 4,000
221.9 CHEMICALS	\$ 25,000
221.10 BUILDING SUPPLIES	\$ 1,750
221.11 PLUMBING SUPPLIES	\$ 2,000
221.12 LABORATORY SUPPLIES	\$ 18,500
221.13 HARDWARE SUPPLIES	\$ 3,500
221.14 SLUDGE DISPOSAL	\$ 2,500
221.15 LUBRICANTS	\$ 4,500
221.16 ELECTRICAL SUPPLIES	\$ 3,500
221.17 MECHANICAL SUPPLIES	\$ 30,000

TOTAL	\$ 131,450
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222 MOTOR VEHICLE SUPPLIES

ASSUMPTIONS:

GASOLINE \$ 3.40
DIESEL \$ 3.50

	USE (GAL.)	
FUEL: Diesel Generators - Pump Stations	600	\$ 2,100
81SW - 2017 Ford F-250	400	\$ 1,360
82SW - 2014 Ford E-350 Camera Truck	500	\$ 1,700
83SW - 2005 F450 Utility Truck	800	\$ 2,720
1995 Ford LN9000 Vacuum Truck	300	\$ 1,050
80SW - 2009 Ford Explorer	300	\$ 1,020
86SW - 2008 Combination Truck	1500	\$ 5,250
87SW - 2014 Ford F-350 Utility Truck	400	\$ 1,360
Pumps/Misc Equipment	100	\$ 340

TOTAL	\$ 16,900
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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

TOTAL	\$ 10,650
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CODE NO. & DESCRIPTION	PROGRAM	COST
223 UNIFORMS		
UNIFORM RENTAL	\$	7,500
SAFETY SHOES	\$	3,250
REPLACEMENT CLOTHING	\$	5,000
		TOTAL \$ 15,750
232 EQUIPMENT REPAIR		
PLANT EQUIPMENT	\$	69,000
PUMP STATION EQUIPMENT	\$	28,000
		TOTAL \$ 97,000

CODE NO. & DESCRIPTION	PROGRAM	COST
300 - CONTRACTUAL SERVICES		\$ 1,721,520
310 ADVERTISING/PRINTING		
	ADVERTISING	\$ -
	TOTAL	\$ -
320 PROFESSIONAL		
320.1 JobCal Support		\$ 900
320.2 Rockwell Support		\$ 2,000
320.3 Debt Mgt.		\$ 2,000
320.4 Water Consumption Reports		\$ 1,200
320.5 Insurance Premiums		\$ 138,000
320.6 NPDES Compliance Testing		\$ 14,000
320.7 NPDES PERMIT		\$ 2,400
320.8 Drug Testing and Innoculations		\$ 1,000
	TOTAL	\$ 161,500
330 RENTAL & LEASES		
330.1 Communications		\$ 22,000
330.2 2 Way Radio		\$ 2,000
330.3 GPS Rental		\$ 2,100
330.4 SCADA Line Equipment Rental		\$ 3,300
330.5 Security System		\$ 2,000
330.6 Copier		\$ 2,000
	TOTAL	\$ 33,400
360 UTILITIES		
360.1 ELECTRICAL USE:		
TREATMENT PLANT		\$ 370,000
PUMP STATIONS:		
Avery		\$ 4,000
Barrington		\$ 2,500
Benedict		\$ 30,000
Clark		\$ 44,700
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
360.2 HEATING FUEL 15,000/YR		\$ 41,250
360.3 TELEPHONE LAND LINES		\$ 4,800
360.4 WATER SERVICE:		
TREATMENT PLANT		\$ 5,000
CLARK ST PS		\$ 600
	TOTAL	\$ 529,650
HEATING FUEL COST \$2.75		

CODE NO. & DESCRIPTION	PROGRAM	COST
371 MAINTENANCE CONTRACTS		
371.1 Treatment Plant Pest Control		\$ 1,500
371.2 Container Rental and Trash Collection		\$ 4,000
371.3 Sludge Transportation and Disposal		\$ 347,000
371.4 Grit Transportation and Disposal		\$ 24,000
371.5 Custodial Building Maintenance		\$ 18,000
371.6 Grounds Maintenance		\$ 13,000
371.7 Stormwater Inspection and Testing		\$ 6,000
371.8 Power Center and ATS Service Contract		\$ 15,000
371.9 Plant Generator Load Test/Adjustment		\$ 6,000
371.10 SCADA Maintenance		\$ 20,000
371.11 Fire Alarm System Maintenance		\$ 2,800
371.12 HACH Analyzer Maintenance		\$ 7,000
371.13 HVAC Control System Service Contract		\$ 2,800
371.14 HVAC Mechanical System Maintenance		\$ 45,000
371.15 Controls/PLC Service Contract		\$ 5,000
371.16 Easement Vegetation Management		\$ 50,000
		TOTAL \$ 567,100
373 REPAIR MAINTENANCE EQUIP.		
Service calls		\$ 6,000
Hoist Certification		\$ 4,000
Fire Extinguisher Testing		\$ 1,200
Fall Protection Certification		\$ 2,800
Backflow Preventer Certifications		\$ 1,500
Boiler Certifications		\$ 3,000
TWAS Pump Rebuild		\$ -
Machining		\$ 8,000
Flow Meter Calibrations		\$ 1,500
Equipment Calibrations/Certifications		\$ 4,000
		TOTAL \$ 32,000
374 FEES & MEMBERSHIPS		
Water Environment Federation		\$ 1,650
Annual Meetings		\$ 800
C.W.P.A.A.		\$ 220
		TOTAL \$ 2,670
375 RECRUITMENT & TRAINING		
Training materials and conferences		\$ 18,000
DEEP Licensing Exams		\$ 1,200
NASSCO		\$ 2,500
Safety and Compliance Training		\$ 2,500
		TOTAL \$ 24,200

CODE NO. & DESCRIPTION	PROGRAM	COST
390 OTHER PURCHASE SERVICES		
SANITARY SEWER SERVICES: Vernon (469 Units)		
		\$ 260,000
	MDC	\$ 14,000
	Manchester (85 units)	\$ 52,000
		TOTAL \$ 326,000
393 INTERNAL SERVICE CHARGE		
	ENGINEERING/COLLECTOR OF REV.	\$ 45,000
		TOTAL \$ 45,000

CODE NO. & DESCRIPTION	PROGRAM	COST
400 CAPITAL OUTLAY		\$ 117,500
430 CAPITAL PROJECTS		
	Aeration Air Flow Control	\$ 16,000
	Alarm System Radio Replacement	\$ -
	Processor Replacement - UV System	\$ 14,000
	Sludge Storage Tank Floors	\$ 15,000
	TOTAL	\$ 45,000
441 OFFICE EQUIPMENT		\$ -
	TOTAL	\$ -
442 DEPARTMENT EQUIPMENT		
	Portable Flow Meters	\$ 15,000
	Trailer	\$ 8,000
	Gantry	\$ 3,500
	Portable DO Meter	\$ 4,000
	Aeration Air Flow Meters	\$ 8,000
	Aeration Air Control Valve Actuators	\$ 8,000
	CCTV Inspection Camera	\$ 26,000
	TOTAL	\$ 72,500

DEBT SERVICE/CIP/RESERVE TOTAL **\$ 1,701,582**

DEBT SERVICE - PRINCIPAL AND INTEREST

PROJECT NAME	COST
1 TOWN OF VERNON UPGRADE	\$ -
2 STATE GRANT UV SYSTEM (FINAL PAY. 7/1/21)	
PRINCIPAL	\$ 46,576
INTEREST	\$ 1,537
SUBTOTAL	\$ 48,113
3 PLEASANT VALLEY PS UPGRADE (FINAL PAY. 2026)	
PRINCIPAL	\$ 21,728
INTEREST	\$ 2,503
SUBTOTAL	\$ 24,231
4 SUBMERSIBLE PS UPGRADE (FINAL PAY. 2027)	
PRINCIPAL	\$ 82,611
INTEREST	\$ 11,692
SUBTOTAL	\$ 94,303
5 DRY PIT PS UPGRADE (FINAL PAY. 2028)	
PRINCIPAL	\$ 100,000
INTEREST	\$ 39,935
SUBTOTAL	\$ 139,935
TOTAL DEBT SERVICE	
	\$ 306,582

CAPITAL IMPROVEMENT PROJECTS

PROJECT LOCATION	PROJECT NAME	COST
TREATMENT PLANT	OUTFALL STABILIZATION	\$ 60,000
COLLECTION SYSTEM	CLARK ST. UPGRADE	\$ -
	Chapel Rd Phase 2A	\$ 845,000
	I/I REMOVAL AND MH REHAB.	\$ 30,000
CIP TOTAL		\$ 935,000

RESERVE FUND CONTRIBUTION

FUND NAME	COST
OPERATING RESERVE	\$ -
REPLACEMENT RESERVE**	\$ 460,000
TOTAL	\$ 460,000

**\$310,000 is earmarked for Clark St. PS upgrade

PUBLIC WORKS
POLLUTION CONTROL

FISCAL YEAR
2019/2020

ACCOUNT NO.
3252

Sources of Revenue	Actual FY1617	Actual FY1718	ESTIMATED FY1819	PROJECTED FY1920
Sewer User Charges	\$ 4,224,366	\$ 4,427,505	\$ 4,727,535	\$ 5,067,568
Industrial Surcharges		\$ -	\$ 100,000	\$ 25,000
Septic Dumping Fees	\$ 8,242	\$ 10,400	\$ 15,000	\$ 12,000
Grant Reimbursement/Loan	\$ -	\$ -	\$ 27,450	\$ -
Interest Income	\$ 145,270	\$ 188,456	\$ 160,000	\$ 145,000
Lien Fees	\$ 22,270	\$ 35,552	\$ 25,000	\$ 25,000
Gen. Gov. Sundry	\$ 990	\$ 2,035	\$ 3,000	\$ 2,000
Permit Fees	\$ 4,184	\$ 4,820	\$ 4,000	\$ 5,000
Assessments	\$ 59,860	\$ 11,336	\$ 10,000	\$ 15,000
Connection Charges	\$ 94,982	\$ 205,508	\$ 100,000	\$ 100,000
Capacity Charge	\$ -	\$ 1,303	\$ 26,000	\$ 30,000
Investment Interest Earnings	\$ 110	\$ 464	\$ 300	\$ 400
Cancel Pr. Year Encumbrances	\$ 9,156	\$ (2,248)	\$ -	\$ -
Internal Services	\$ 28,350	\$ 46,591	\$ 33,000	\$ 40,000
Fund Balance Appropriations	\$ -	\$ -	\$ -	\$ -
	\$ 4,597,780	\$ 4,931,722	\$ 5,231,285	\$ 5,466,968

DEFINITIONS

Ct = Total annual cost for operation, debt service, capital projects, contributions to reserves

Cr = Surcharges for removal of excess TSS/BOD

Ro = Other sources of revenue: dumping fees, permit fees, assessments, interest, liens, connection charges, grants, transfers from reserves, internal services transfers, and investment earnings

Qo = Annual individual user discharge (84,000 gallons)

Qt = total annual indust/comm and residential discharge

$$\text{USER CHARGE} = \frac{(\text{Ct} - (\text{Cr} + \text{Ro})) \times \text{Qo}}{\text{Qt}}$$

ASSUMPTIONS

Ct=	OPERATIONS	\$ 3,735,335
	DEBT SERVICE	\$ 306,582
	REPLACE. RESERVE	\$ 460,000
	OPERATING RESERVE	\$ -
	CAP. IMPROVEMENT	\$ 935,000
	WPCA	\$ 2,900
	TOTAL EXPENDITURES	\$ 5,439,817

Cr=	SURCHARGES	\$ 25,000
Ro=	OTHER SOURCES OF REVENUE	\$ 374,400
Qt=	RESIDENTIAL FLOW	713,342,770
	COM/IND FLOW	297,069,230
	TOTAL FLOW	1,010,412,000
Qo=	USER DISCHARGE FLOW	84,000 GAL

USER CHARGE =	\$ 419.03
ALLOWABLE FOR UNCOLLECTABLES 1.4%	\$ 5.87

USER CHARGE	\$ 424.90
FINAL USER CHARGE	\$ 425

RESIDENTIAL USERS	8,390
COM/IND REVENUE	\$ 1,502,670
RES. REVENUE	\$ 3,564,898

TOTAL	\$ 5,067,568
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