

**PUBLIC WORKS
POLLUTION CONTROL**

**FISCAL YEAR
2022/2023**

**ACCOUNT NO.
3252**

	FY2021 APPROVED	FY21/22 Approved	FY 22/23 Proposed	DELTA FROM LAST YEAR	% CHANGE
100 Salary & Benefits					
110 Full-time Salaries	\$ 1,081,700	\$ 1,097,110	\$ 1,120,080	\$ 22,969	2.1%
111 Overtime	\$ 114,472	\$ 117,542	\$ 121,533	\$ 3,991	3.3%
112 Longevity	\$ 700	\$ 700	\$ 700	\$ -	0.0%
113 Part-time Salaries	\$ -	\$ -	\$ -	\$ -	0.0%
130 Employee Benefits	\$ 522,872	\$ 538,558	\$ 560,200	\$ 21,642	3.9%
Subtotal:	\$ 1,719,744	\$ 1,753,910	\$ 1,802,513	\$ 48,603	2.7%
200 Materials & Expenses					
210 Office Supplies	\$ 2,000	\$ 2,000	\$ 2,000	\$ -	0.0%
221 Operating Materials	\$ 118,950	\$ 138,950	\$ 149,950	\$ 11,000	7.3%
222 Motor Vehicle Supplies	\$ 24,100	\$ 25,213	\$ 27,838	\$ 2,625	9.4%
223 Uniforms & Clothing	\$ 15,750	\$ 15,750	\$ 15,750	\$ -	0.0%
232 Equipment Repair	\$ 115,000	\$ 115,000	\$ 125,000	\$ 10,000	8.0%
Subtotal:	\$ 275,800	\$ 296,913	\$ 320,538	\$ 23,625	7.4%
300 Contractual Services					
310 Advertising	\$ -	\$ -	\$ -	\$ -	0.0%
320 Professional	\$ 160,100	\$ 164,100	\$ 173,000	\$ 8,900	5.1%
330 Rentals & Leases	\$ 33,400	\$ 33,400	\$ 33,400	\$ -	0.0%
360 Utilities	\$ 456,000	\$ 486,000	\$ 501,000	\$ 15,000	3.0%
371 Maintenance Contracts	\$ 674,300	\$ 673,300	\$ 931,200	\$ 257,900	27.7%
373 Repair Maintenance Equip.	\$ 32,300	\$ 32,300	\$ 34,300	\$ 2,000	5.8%
374 Fees & Memberships	\$ 1,900	\$ 2,150	\$ 2,150	\$ -	0.0%
375 Recruitment & Training	\$ 23,750	\$ 23,750	\$ 23,400	\$ (350)	-1.5%
390 Other Purchase Services	\$ 326,000	\$ 326,000	\$ 358,000	\$ 32,000	8.9%
393 Internal Service Charge	\$ 45,000	\$ 45,000	\$ 47,500	\$ 2,500	5.3%
Subtotal:	\$ 1,752,750	\$ 1,786,000	\$ 2,103,950	\$ 317,950	15.1%
400 Capital Outlay					
430 Capital Projects	\$ 168,000	\$ 47,300	\$ 75,000	\$ 27,700	36.9%
441 Office Equipment	\$ -	\$ -	\$ -	\$ -	0.0%
442 Department Equipment	\$ 76,500	\$ 245,000	\$ 595,000	\$ 350,000	58.8%
Subtotal:	\$ 244,500	\$ 292,300	\$ 670,000	\$ 377,700	56.4%
Department Total:	\$ 3,992,794	\$ 4,129,123	\$ 4,897,001	\$ 767,878	15.7%

CODE NO. & DESCRIPTION	PROGRAM	COST
100 PERSONNEL SERVICES		\$ 1,802,513
110 FULL TIME SALARIES		ANNUAL
	SUPERINTENDENT*	\$ 95,951
	PLANT SUPERVISOR	\$ 104,020
*SALARY IS 80% FUNDED BY WPCA	LEAD OPERATOR W/CERT	\$ 88,211
**SALARY IS 25% FUNDED BY WPCA	LEAD OPERATOR W/O CERT	\$ 87,350
	LEAD OPERATOR W/O CERT	\$ 87,350
	OPERATOR 3 STEP 3	\$ 80,896
	OPERATOR 3 STEP 3	\$ 80,896
CONTRACTUAL	OPERATOR 3 STEP 3	\$ 80,896
SALARY INCREASES:	OPERATOR 3 STEP 3	\$ 80,896
CSEA UNION 2.00%	OPERATOR 3 STEP 2	\$ 80,103
AFSME UNION 2.00%	OPERATOR 3 STEP 2	\$ 80,103
MANAGEMENT 2.25%	OPERATOR 3 STEP 1	\$ 79,302
	LABORTORY ANALYST	\$ 80,896
	ADMINISTRATIVE SECRETARY**	\$ 13,208
	Salary Total	1,120,080
111 OVERTIME		
<i>SCHEDULED OVERTIME:</i>		
<i>SATURDAYS (52 DAYS)</i>		
# OF HRS # OF STAFF WAGE x 1.5		
2 2 \$ 62.99	SATURDAY OVERTIME	\$ 13,103
	SUNDAY OVERTIME	\$ 17,470
<i>SUNDAYS (52) AND HOLIDAYS (13)</i>	HOLIDAY OVERTIME	\$ 4,368
# OF HRS # OF STAFF WAGE x 2	SCHEDULED OT TOTAL	\$ 34,940
2 2 \$ 83.99		
<i>UNSCHEDULED OVERTIME:</i>	ALARMS	\$ 58,793
ALARMS/YR 100	LINE BLOCKAGES	\$ 1,176
LINE BLOCKAGES/YR 2	REPAIRS	\$ 11,024
PLANT/PS REPAIR (HRS.) 75	UNSCHEDULED OT TOTAL	\$ 70,993
# OF HRS # OF STAFF WAGE x 1.75		
4 2 \$ 73.49		
<i>STAND BY COMP:</i>	STAND BY COMPENSATION	\$ 15,600
WKS/YR COST/WK.	TOTAL	\$ 15,600
52 \$ 300		
112 LONGEVITY		
	LONGEVITY PAYMENT	700
May 3, 2022 Draft	TOTAL	\$ 700

CODE NO. & DESCRIPTION	PROGRAM	COST
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114 TEMPORARY HELP

TEMPORARY/SEASONAL HELP	\$	-
TOTAL \$		-

130 EMPLOYEE BENEFITS

FICA	\$	94,659
BC/BS	\$	230,981
DEARBORN LIFE	\$	8,483
LTD	\$	1,574
STD	\$	221
W/C	\$	36,648
ICMA	\$	58,795
LAB CERTIFICATION	\$	1,600
AETNA PENSION	\$	118,587
CDL LICENSE	\$	2,652
STATE LICENSES	\$	6,000
TOTAL \$		560,200

CODE NO. & DESCRIPTION	PROGRAM	COST	
200 MATERIALS AND SUPPLIES		\$	320,538
210 OFFICE SUPPLIES			
PAPER, PENS, FAX, AND PRINTER CARTRIDGES	SUPPLIES	\$	2,000
		TOTAL \$ 2,000	
221 OPERATING SUPPLIES			
221.1 PLANT SUPPLIES		\$	1,500
221.2 PUBLICATIONS		\$	1,500
221.3 SHOP SUPPLIES		\$	6,000
221.4 SIGNS		\$	1,200
221.5 EMERGENCY		\$	1,500
221.6 CUSTODIAL SUPPLIES		\$	3,500
221.7 LINE CLEANING SUPPLIES		\$	17,000
221.8 SAFETY SUPLIES		\$	4,000
221.9 CHEMICALS		\$	24,000
221.10 BUILDING SUPPLIES		\$	1,750
221.11 PLUMBING SUPLIES		\$	2,000
221.12 LABORATORY SUPPLIES		\$	20,500
221.13 HARDWARE SUPPLIES		\$	3,500
221.14 SLUDGE DISPOSAL		\$	2,500
221.15 LUBRICANTS		\$	2,500
221.16 ELECTRICAL SUPPLIES		\$	5,000
221.17 MECHANICAL SUPPLIES		\$	52,000
		TOTAL \$ 149,950	
222 MOTOR VEHICLE SUPPLIES			
			USE (GAL.)
ASSUMPTIONS:	FUEL:		
GASOLINE \$ 3.00	Diesel Generators - Pump Stations	600	\$ 2,100
DIESEL \$ 3.50	80SW - 2009 Ford Explorer	350	\$ 1,050
	81SW - 2017 Ford F-250	350	\$ 1,050
	82SW - 2014 Ford E-350 Cam. Tr.	500	\$ 1,500
	83SW - 2019 F550 Utility Truck	775	\$ 2,325
	84SW - 1995 Ford LN9000 Vac Tr.	775	\$ 2,713
	86SW - 2008 Combination Truck	1500	\$ 5,250
	87SW - 2014 Ford F-350 Utility Tr.	300	\$ 900
	Pumps/Misc Equipment	100	\$ 300
		TOTAL \$ 17,188	
REPAIR PARTS:	Portable Equipment	\$	1,200
	1995 - 84SW Ford LN9000 Vacuum Truck	\$	1,500
	2008 - 86SW Combination Truck	\$	4,500
	2009 - 80SW Ford Explorer	\$	1,200
	2014 - 82SW Ford E-350 Camera Truck	\$	750
	2014 - 87SW Ford F-350 Utility Truck	\$	500
	2017 - 81SW Ford F-250	\$	500
	2019 - 83SW F450 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	\$	80,000
	PUMP STATION EQUIPMENT	\$	45,000
		TOTAL	\$ 125,000

CODE NO. & DESCRIPTION	PROGRAM	COST
300 - CONTRACTUAL SERVICES		\$ 2,103,950
310 ADVERTISING/PRINTING		
	ADVERTISING	\$ -
	TOTAL	\$ -
320 PROFESSIONAL		
320.1 JobCal Support		\$ 500
320.2 Rockwell Support		\$ 1,000
320.3 Debt Mgt.		\$ 2,500
320.4 Water Consumption Reports		\$ 1,200
320.5 Insurance Premiums		\$ 150,000
320.6 NPDES Compliance Testing		\$ 16,000
320.7 NPDES PERMIT		\$ 300
320.8 Drug Testing and Inoculations		\$ 1,500
	TOTAL	\$ 173,000
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		\$ 350,000
PUMP STATIONS:		
Avery		\$ 3,000
Barrington		\$ 2,500
Benedict		\$ 22,000
Clark		\$ 35,000
Ellington		\$ 2,900
Pleasant Valley		\$ 8,500
Quarry Brook		\$ 3,100
Route 5		\$ 2,600
Rye		\$ 3,000
Scantic I		\$ 1,700
Scantic II		\$ 3,100
HEATING FUEL COST	360.2 HEATING FUEL 15,000/YR	\$ 52,500
\$3.50	360.3 TELEPHONE LAND LINES	\$ 3,000
	360.4 WATER SERVICE:	
	TREATMENT PLANT	\$ 7,500
	CLARK ST PS	\$ 600
	TOTAL	\$ 501,000

CODE NO. & DESCRIPTION	PROGRAM	COST
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371 MAINTENANCE CONTRACTS

371.1 Treatment Plant Pest Control	\$ 7,000
371.2 Container Rental Grit/Trash Collection	\$ 30,000
371.3 Sludge Transportation and Disposal	\$ 600,000
371.4 Custodial Building Maintenance	\$ 19,000
371.5 Grounds Maintenance	\$ 17,000
371.6 Stormwater Inspection and Testing	\$ 3,000
371.7 Power Center and ATS Service Contract	\$ 6,000
371.8 Plant/PS Generator Load Test/Adjustment	\$ 6,000
371.9 SCADA Maintenance	\$ 20,000
371.10 Fire Alarm System Maintenance	\$ 8,000
372.11 HACH Analyzer Maintenance	\$ 7,000
372.12 HVAC Control System Service Contract	\$ 3,200
372.13 HVAC Mechanical System Maintenance	\$ 45,000
372.14 Controls/PLC Service Contract	\$ 5,000
372.15 Easement Vegetation Management	\$ 55,000
372.16 Sewer Line & Grease Trap Inspection	\$ 100,000

TOTAL	\$ 931,200
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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	\$ 800
Boiler Certifications	\$ 3,000
Machining	\$ 12,000
Flow Meter Calibrations	\$ 1,500
Equipment Calibrations/Certifications	\$ 3,000

TOTAL	\$ 34,300
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374 FEES & MEMBERSHIPS

NEWEA	\$ 1,650
CTWEA	\$ 500

TOTAL	\$ 2,150
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375 RECRUITMENT & TRAINING

Training materials and conferences	\$ 18,000
DEEP Licensing Exams	\$ 400
NASSCO	\$ 2,500
Safety and Compliance Training	\$ 2,500

TOTAL	\$ 23,400
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CODE NO. & DESCRIPTION	PROGRAM	COST
400 CAPITAL OUTLAY		\$ 670,000
430 CAPITAL PROJECTS		
	EV Power Station	\$ 20,000
	PS Fire Alarm Panel	\$ 50,000
	Sludge Storage Floor Repair	\$ 5,000
		TOTAL \$ 75,000
441 OFFICE EQUIPMENT		\$ -
		TOTAL \$ -
442 DEPARTMENT EQUIPMENT		
	Electric Vehicle (Truck 80 Replacement)	\$ 60,000
	Truck 86 Replacement	\$ 500,000
	NH4_NO3 Probes	\$ 35,000
		TOTAL \$ 595,000

DEBT SERVICE/CIP/RESERVE TOTAL \$ 4,270,301

DEBT SERVICE - PRINCIPAL AND INTEREST

PROJECT NAME	COST
1 TOWN OF VERNON UPGRADE	\$ 93,771
SUBTOTAL	\$ 93,771
2 PLEASANT VALLEY PS UPGRADE (FINAL PAY. 2026)	
PRINCIPAL	\$ 22,604
INTEREST	\$ 1,617
SUBTOTAL	\$ 24,221
3 SUBMERSIBLE PS UPGRADE (FINAL PAY. 2027)	
PRINCIPAL	\$ 84,279
INTEREST	\$ 10,025
SUBTOTAL	\$ 94,304
4 DRY PIT PS UPGRADE (FINAL PAY. 2028)	
PRINCIPAL	\$ 97,000
INTEREST	\$ 36,005
SUBTOTAL	\$ 133,005
TOTAL DEBT SERVICE \$ 345,301	

CAPITAL IMPROVEMENT PROJECTS

PROJECT LOCATION	PROJECT NAME	COST
TREATMENT PLANT	Aeration Tank Slide Gates	\$ 50,000
	Odor Control System	\$ 200,000
	Var. Freq. Drive Replacement	\$ 25,000
COLLECTION SYSTEM	Clark St. Pump Station Upgrade	\$ 3,500,000
	I/I REMOVAL AND MH REHAB.	\$ 50,000
CIP TOTAL		\$ 3,825,000

RESERVE FUND CONTRIBUTION

FUND NAME	COST
OPERATING RESERVE (FUND BALANCE)	\$ -
REPLACEMENT RESERVE (CAPITAL PROJECTS)	\$ 100,000
RESERVE TOTAL	\$ 100,000

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 (74,000 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	\$ 4,897,001
DEBT SERVICE	\$ 345,301
*REPLACE. RESERVE	\$ 100,000
OPERATING RESERVE	\$ -
CAP. IMPROVEMENT	\$ 3,825,000
WPCA	\$ 3,200
TOTAL EXPENDITURES	\$ 9,170,502

Cr= SURCHARGES	\$ 25,000
Ro= OTHER SOURCES OF REVENUE	\$ 3,904,050
Qt= RESIDENTIAL FLOW	672,586,000
COM/IND FLOW	260,000,000
TOTAL FLOW	932,586,000

Qo= USER DISCHARGE FLOW 74,000 GAL

USER CHARGE = \$ 415.91

ALLOWABLE FOR UNCOLLECTABLES 2% \$ 8.32

USER CHARGE	\$ 424.22
FINAL USER CHARGE	\$ 425

REVENUES

Sources of Revenue	ACTUAL FY1819	ACTUAL FY1920	ACTUAL FY2021	PROJECTED FY2122	ESTIMATED FY2223
Sewer User Charges	\$ 4,986,299	\$ 4,745,397	\$ 5,310,339	\$ 5,200,000	\$ 5,279,568
Industrial Surcharges	\$ 112,044	\$ 71,287	\$ 14,625	\$ 25,000	\$ 25,000
Septic Dumping Fees	\$ 26,392	\$ 19,893	\$ 34,703	\$ 20,000	\$ 20,000
Grant Reimbursement/Loan	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000
Interest Income	\$ 68,073	\$ 67,336	\$ 113,402	\$ 65,000	\$ 65,000
Lien Fees	\$ 18,487	\$ 16,712	\$ 21,845	\$ 15,000	\$ 17,000
Gen. Gov. Sundry	\$ 2,873	\$ 7,601	\$ 5,815	\$ 8,500	\$ 6,000
Permit Fees	\$ 7,840	\$ 4,160	\$ 4,800	\$ 18,000	\$ 6,000
Assessments	\$ 14,898	\$ 32,561	\$ 47,568	\$ 45,000	\$ 40,000
Connection Charges	\$ 129,559	\$ 335,699	\$ 196,833	\$ 150,000	\$ 175,000
Capacity Charge	\$ 50,439	\$ 67,869	\$ 33,300	\$ 20,000	\$ 30,000
Investment Interest Earnings	\$ 449	\$ 251	\$ 48	\$ 28	\$ 50
Cancel Pr. Year Encumbrances	\$ 10,918	\$ 119,824	\$ 20,106	\$ 10,000	\$ -
Internal Services	\$ 25,800	\$ 13,695	\$ 25,005	\$ 25,000	\$ 25,000
Fund Balance Appropriations	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Rebate	\$ -	\$ -	\$ 1,591	\$ 20,000	\$ 20,000
	\$ 5,454,071	\$ 5,502,285	\$ 5,829,980	\$ 5,621,528	\$ 9,208,618