FINAL SEWER ASSESSMENT BUDGET 2021-2022 BALANCE SHEET

Estimated Expenditures:	\$33,000

2021-2022 Estimated Receipts:

Assessment Receipts	\$22,000
Delinquent Interest	\$600
Investment Income	\$7,500

Total Estimated Revenue \$30,100

Transfer to Sewer Assessment Fund Balance

Transfer from Sewer Assessment Fund Balance \$2,900

Budget Total \$33,000

NOTE: Present Fund Balance as of 6/30/20 = \$611,986

Line Items		20/21 FY	21/22 FY	Variance
Legal Fees 73140	Legal Representation as needed by the CWPCA.	\$10,000	\$10,000	\$0
Data Processing 73260	Data Processing for updates, maintenance & repair of Sewer Division QDS program-Assessment Accounts.	\$2,000	\$2,000	\$0
Contracted Services 73500	Assessment portion10% of GIS updating \$1000. IT Vendor \$500, Police Services for traffic control @ construction sites \$3,000.	\$4,500	\$4,500	\$0
Construction Projects 74500	Materials to install service connections to new buildings for Town or contracted work.	\$15,000	\$15,000	\$0
Postage 75320	Assessment billing statements, Assessment certified letters, Sewer construction certified letters	\$400	\$400	\$0
Legal Notices 75340	Legal Notices: assessments, new construction projects, payment due date.	\$800	\$800	\$0
Printing 75510	Printing Related to Sewer Assessment Billing	\$200	\$200	\$0
Bond Interest 78715	*No interest payment	\$0	\$0	\$0
Bond Principal 78715	*No annual bond principal payment	\$0	\$0	\$0
Prior Year Refunds 78998	Allocated monies for incorrectly billed assessment charges for prior years.	\$100	\$100	\$0
	Budget Total	\$33,000	\$33,000	\$0
	* Actual #'s from Finance Department	400,000	400,000	Ψ

2021/2022 ASSESSMENT FUND SUMMARY

DEPARTMENT-SEWER ACCOUNT 25903000	ADJUSTED BUDGET DEC. 31, 2020	ACTUAL EXPENDITURE 2018-2019	ACTUAL EXPENDITURE 2018-2019	ACTUAL EXPENDITURE DEC. 31, 2020	ESTIMATED EXPENDITURE 2020-2021	DEPARTMENT REQUEST 2021-2022
SEWER ASSESSMENT FUND						_
LEGAL FEES DATA PROCESSING	10,000 2,000	-		-	1,000	10,000 2,000
CONTRACTED SERVICES	4,500	665	040.04	0.047	1,000	4,500
CONSTRUCTION PROJECTS POSTAGE	15,000 400	2859	640.64	2,647	3,000	15,000 400
LEGAL NOTICES	800	73			100	800
PRINTING	200				-	200
PRIOR YEAR REFUNDS	100				-	100
BOND INTEREST	-				-	
BOND PRINCIPAL	-				-	
SEWER CNR	-				-	
TOTAL	33,000	3,597	641	2,647	5,100	33,000

REVENUE:	ESTIMATED
	2021-2022
ASSESSMENT RECEIPTS	22,000
DELINQUENT INTEREST + LIENS	600
INVESTMENT INCOME	7,500
TOTAL ESTIMATED REVENUE	30,100
USE OF FUND BALANCE	2,900
TRANSFER TO ASSESS. FUND BAL.	-

FINAL SEWER USAGE BUDGET 2021-2022 BALANCE SHEET

Estimated Expenditures:	<u>\$2,271,861</u>
2021-2022 Estimated Receipts:	
User Accounts: (5000 Accounts) (7465 EDU's @ 99% = 7390.00 Collection @ \$275.00/EDU)	\$2,032,250
Prior Year Collections (all components)	\$100,000
Investment Interest	\$30,000
Permit/Inspection Fees	\$10,000
Outside Services	<u>\$15,000</u>
Total Estimated Revenue	\$2,187,250
Transfer from Sewer Usage Fund Balance	\$84,611
Transfer to Sewer Usage Fund Balance	
Budget Total	\$2,271,861

NOTE: Present Fund Balance as of 6/30/20 = \$2,292,882

Line Items		20/21 FY	21/22 FY	Variance
Wages 71100	Regular Wages (*See Attached "Position Summary")	\$445,747	\$464,678	\$18,931
Part-Time Wages 71200	A. CWPCA Minutes Clerk for meetings and public hearings; Approximately 18 meetings per year 3 hrs each x \$75/per meeting = \$1,500	\$1,500	\$1,350	-\$150
	C. Seasonal Personnel for outside field work 28 wks @ \$13.63 for 40 hrs = \$14,818	\$14,818 \$16,318	\$15,266 \$16,616	\$448 \$298
Over-Time Wages		4.0,0.0	<u> </u>	
71300	Overtime Wages are generally the most difficult budget item to calculate as the weekend on-call duties are the only factor that can be effectively figured. For Budgetary purposes the following calculations are used to identify the potential overtime needs:			
	A. Scheduled - 104 Weekends & 13 Holidays for pumpstation inspection and On-Call service			
	104/weekend days @ 4 hrs per day = 416 hrs of OT @ \$62/hr =	\$25,376	\$25,792	\$416
	6/Holidays @ 4 hrs per day = 24 hrs of DT @ \$83/hr =	\$1,944	\$1,992	\$48
	FOG Inspections For Food Preparation Establishments- In-House B. Unscheduled - response to pump station alarms, meter failure, grinder pump failure, blocked	\$5,000	\$5,000	\$0
	sewer lines, etc. 100 man-hours@60/hr=	\$5,900	\$6,000	\$100
	C. Snow Removal - Board of Education Facilities*	ψ0,000	ψ0,000	ψ.00
	Estimated - 250 man-hours per year @ \$62/hr	\$15,250	\$15,500	\$250
	25% benefits on \$62/hr	\$3,813	\$3,875	\$63
	* Funds are reimbursed from the Board of Education - revenue is deposited into the Usage Fund			•
	Balance in the FY it is expended in.			\$0
	D. I & I Study - Night time flow monitoring - overtime may be required to examine and/or test low flows within the system at off peak hours.	\$0		\$0
	E. Overtime - Office Staff	\$500	\$250	-\$250
		\$57,783	\$58,409	\$627

Line Items		20/21 FY	21/22 FY	Variance
Employee Benefits + Uniforms 72000	Provides for the CWPCA's portion of the Town Social Security Payroll Tax - based on the total payroll, Insurances & pension benefits:			
	Medical/Dental- 15% increase Life/LTD- 5% increase FICA	\$193,500 \$2,200 \$39,768	\$203,175 \$2,266 \$41,287	\$9,675 \$66 \$1,519
	Pension Post Empolyee Benefits- Life Insurance, Medical Coverage before 65 etc. Cost breakdown of Uniforms, Shirts, Pants, Jackets, Coveralls, Safety Shoes - 5 Men in Field Force:	\$41,117 \$11,165	\$40,000 \$12,000	-\$1,117 \$835
	Uniforms \$800/man x 5 = T-Shirts \$41/man x 5 = Safety Shoes \$200/per man x 5 & 1 Seasonal @ \$100 =	\$4,000.00 \$205.00 \$1,100.00	\$4,000.00 \$205.00 \$1,100.00	\$0 \$0 \$0
	calcif chass \$250,pot manks of 1 coasonal & \$100	\$293,055	\$304,033	\$10,978
Vehicle Maintenance 74310	Maintenance & Repair of all departmental vehicles i.e. Dump Truck, 4 Pick-up Trucks, Sewer Cleaner & Sewer Inspection Van.	<u>\$8,000</u>	<u>\$8,000</u>	<u>\$0</u>
Equipment Purchase + Repair 74340	Purchase & repair of departmental equipment including small equipment described as follows: pumps, generators, compressor, chainsaws, cut off saws, & miscellaneous hand & air tools. Routine repairs as needed on the following equipment: John Deere tractor w/ MX6 Rotary Mower, John Deere 710C Tractor/Loader/Backhoe, lifting crane and our 85G Excavator. Purchase and upkeep of urethane grouting machine.	\$25,00 <u>0</u>	\$25,00 <u>0</u>	<u>\$0</u>
Meters, Pumps + Station Repair				_
74350	A. Meter & Pump Maintenance/*Repair/*Replacement including the following:, 5 sewage pump stations w/ generators & 12 flow meter stations-repair/replacement. Semi-Annual pump station cleaning of 5 pump chambers at a cost of \$7.500 *In the event of a pump failure, funds must remain available - repair/replacement estimated @ \$8,500. B. Grinder Pump Replacement Service- Residentially owned grinder pumps (approximately 160),	\$20,000	\$20,000	\$0
	Sewer Department personnel act as an emergency backup to a grinder pump service company. Funds are reimbursed by the resident and revenue is deposited into the Usage fund balance. C. Service & Repairs flow meters flashware (recording software) hardware and ultrasonic	\$2,000	\$1,000	-\$1,000
	transducer.	\$2,000 \$24,000	\$3,000 \$24,000	\$1,000 \$0

Line Items		20/21 FY	21/22 FY	Variance
Departmental Expenses				
75100	Line Item includes:			
	A. General office supplies, server/computer hardware upgrades or repair (parts & materials only),			
	repair or replacement of copiers, printers & scanner.	\$8,500	\$8,500	\$0
	B. Travel, meetings & educational seminars/training for operations, maintenance & management			
	of our wastewater collection system, pump stations, flow meters & FOG Program.	\$5,000	\$4,000	-\$1,000
	Reimbursement to personnel for training/seminar contractual out-of-pocket expenses. C. Dues & Subscriptions- trade publications, office resource publications, fees resulting from	φ5,000	\$4,000	-φ1,000
	maintaining licensing & certification of technical staff.	£4.000	¢4 000	\$0
	D. Legal Notices- legal public notice publication for Public Hearings and/or Press Releases in the	\$1,000	\$1,000	\$0
	newspaper concerning the setting of the Annual Usage EDU Rate, Fiscal Year Budget(s), Town			
	projects for sewer system construction.	\$2,000	\$2,000	\$0
	E. Printing- envelopes, return envelopes, departmental forms, i.e. drain layer permits, insurance	Ψ2,000	Ψ2,000	ΨΟ
	& bond forms, FOG Program media & forms etc.	\$3,000	\$3,000	\$0
	F. Postage-sewer usage billings, return envelope insertion, certified letters, routine & general	φ3,000	\$3,000	φυ
	correspondence.	\$5,000	\$5,000	\$0
	G. Computer Software Renewal, Purchases/Training, GIS,POSM & VUEWorks	\$5,000		
	•	\$3,200	\$3,200	\$0
	H. Tax (Property) Sales Process- for our share of filing, mailing, title search etc of an uncollected	\$2,000	\$2,000	\$0
		\$29,700	<u>\$28,700</u>	<u>-\$1,000</u>
Liability & Property Insurance				
75210	Departmental Liability & Property Insurance increase 5%	\$39,900	<u>\$42,000</u>	\$2,100

Line Items		20/21 FY	21/22 FY	Variance
Outside Services & Rent				
75600	Line Item includes:			
	A. Contracted Services			
	Service & Support for Shared Plotter -CWPCA Contribution	\$960	\$960	\$0
	Verizon Wireless Communication System x 5 Units	\$4,000	\$4,000	\$0
	Comcast High Speed Internet For Sewer (WiFi,Anti-Virus,Anti	# 4 000	#0.000	#4.704
	Spam,Firewall,Cybersecurity software) Sewer Dept share	\$1,296	\$3,000	\$1,704
	4. Service/Repair 5 Pump Station - NIC -Alarm Systems & Control Panels	\$2,500	\$2,500	\$0
	5. Service /Support HVAC Vendor @ 28%	\$0	\$3,000 \$5,500	\$3,000
	6. Service/Repair 5 Pump Station & Garage Generators (28%)	\$4,500 \$5,000	\$5,040	\$1,000 \$40
	7. Service/Support/Labor - A&C (Vendor for 7 Computers & Server) 7 % shared cost	\$6,000	\$6,000	\$40 \$0
	Service/Support - Quality Data Service (QDS) & Webshare Account Access Service/Support of VUEWorks Program (GASB34-Asset Management- Work Orders)	\$4,000	\$4,000	\$0 \$0
	10.Service/Support and Yearly Upgrade of ArcMap Program for 5 Computers	\$3,000	\$3,000	\$0 \$0
	11.Service and Support of (POSM Software) - for TV Van	\$1,500	\$2,000	\$500
	12.Service and Support of (FOSM Software) - for TV Valid	\$1,500	\$1,500	\$0
	13. GIS Mapping Updates/Maintenance- (AppGeo) All digital data of the sewer infrastructure	ψ1,000	Ψ1,000	ΨΟ
	and accounts: new construction, old data corrections, includes shared portion of GIS web			
	hosting and subscription renewal, utilizing the Town's authorized GIS Consultant	\$11,000	\$11,000	\$0
	B. Services Rendered - Compensation to Town's Finance Department for services related to	, , , , , , , , ,	, , , , , , , , ,	* -
	Sewer Division accounts. Includes Yearly Audit at \$3,846	\$29,875	\$30,930	\$1,055
	C. Property Rental - Rental paid to the Town for the Sewer Garage .	\$7,875	\$0	-\$7,875
	D. Legal Representation as needed by the CWPCA.	\$10,000	\$8,500	-\$1,500
	E. Police Services - Extra duty for traffic control.	\$2,500	\$2,500	\$0
		<u>\$95,506</u>	<u>\$93,430</u>	<u>-\$2,076</u>
Materials & Shop Supplies				
76110	Supplies & related materials needed for ongoing maintenance of the sewer system infrastructure			
	and maintenance of Right-of-Ways (approx. 36). Materials: pipe, manholes, manhole covers &			
	risers. <u>DPW road improvements</u> require purchasing manhole frame,covers & risers. Shop			
	Supplies: miscellaneous electrical items, inventory for gravity & force mains . Programs:			
	Rehabilitation repairs, Root Control, I&I & FOG related materials & supplies such as pipe racks,			
	cabinets and other storage containers that might be needed at the new facility.	\$26,000	\$32,000	<u>\$6,000</u>

Line Items		20/21 FY	21/22 FY	Variance
Utilities & Oil	A T. I. M. I. O. I. W. I. W. I.			
76241	A. Telephone/Wireless Services - sewer garage, pump stations, six (6) wireless Verizon connections connecting pump stations to designated computer with (VTScada) and verizon			
	phones, twelve (12) wireless data connections from ultrasonic meters to the sewer garage	40.700		•
	computer. B. Electricity For the Sewer Division in new facility (28%), pumping stations & flow meters	\$6,500 \$23,000	\$6,500 \$25,000	\$0 \$2,000
	C. Natural Gas for Sewer Division Garage, Garage Generator & Pumpstation Generators, Nooks	Ψ20,000	Ψ25,000	Ψ2,000
	Hill, Northbrook. Propane for Bucks Crossing Pumpstation Generator.	\$6,000	\$6,000	\$0
	D. Water - for Sewer Division- Includes New 3" Water Meter for Jet Truck- Quarterly Charge min. \$630	\$550	\$4,000	\$3,450
	3030	<u>\$36,050</u>	<u>\$41,500</u>	<u>\$5,450</u>
Gasoline & Fuel				
76260	Gas & diesel fuel for departmental equipment & vehicles: Based on historical use of 1000 gals of Gas; 1000/gals @ \$1.88/gal for half year =	\$2,210	\$2,210	\$0
	Based on historical use of 3200 gals of Diesel; 3200/gals @ \$1.87/gal =	\$6,400	\$5,984	-\$416
		<u>\$8,610</u>	<u>\$8,194</u>	<u>-\$416</u>
Sewer Capital Items 77900	This item provides the funds needed to continue funding the replacement and upgrading of			
77300	departmental equipment. Purchase of new a server shared with other Town departments.			
	(1/3 of \$ 7,500)	\$22,000		
		\$22,000	<u>\$2,500</u>	<u>-\$19,500</u>
Sewage Treatment 78410	2019 Actual Assessment Cromwell's portion of the Mattabassett District Facility Operations Assessment provided by	\$898,887		
70410	Mattabassett. Increase of 7.3%	\$912,000	\$964,701	\$52,701
	Metered usage - Metropolitan District Facility (MDC) yearly treatment fees of approximately \$950	A		
	per month for the North Main Meter Basin.	\$12,000 \$924,000	\$14,000 \$978.701	\$2,000 \$54,701
Bond Interest		<u> </u>	40.01.0.	<u> </u>
78715	Finadian for Course Maintenance Feelitate Dobt Consider	**	***	***
Bond Principal	Funding for Sewer Maintenance Facility's Debt Service	<u>\$0</u>	\$69,000	\$69,000
78815	Funding for Sewer Maintenance Facility's Debt Service	\$0	<u>\$61,500</u>	\$61,500
Prior Year Refunds	1 unuling for Sewer Maintenance Facility's Debt Service	<u>Ψ0</u>	φ01,300	φ01,300
78998	Allocated monies for incorrectly billed usage charges for prior years	\$3,500	\$3,500	<u>\$0</u>
Damage Claims				
78999	Monies for potential damage claims.	<u>\$100</u>	<u>\$100</u>	<u>\$0</u>
Sewer CNR	CNR Capital Purchase & Improvement Funding (see CNR funding Explanation for Updating N.I.T. Sanitary Sewer Extension Project)			
79260			\$10,000	<u>\$10,000</u>
	Budget Total		\$2,271,861	\$216,593
Capital Improvement- Fund			100% From	\$0
26008000-CNR		CNR (CNR	

2021/2022USAGE FUND SUMMARY

DEPARTMENT-SEWER ACCOUNT 15803000	ADJUSTED BUDGET DEC. 31, 2020	ACTUAL EXPENDITURE 2018-2019	ACTUAL EXPENDITURE 2019-2020	ACTUAL EXPENDITURE DEC. 31, 2020	ESTIMATED EXPENDITURE 2020-2021	DEPARTMENT REQUEST 2021-2022
SEWER USAGE FUND						
WAGES	445,747	427,762	425,831	220,033	445,747	464,678
PART-TIME WAGES	16,318	14,797	9,108	10,022	13,000	16,616
OVERTIME WAGES	57,783	45,819	36,877	23,966	50,000	58,409
EMPLOYEE BENEFITS+UNIFORMS	293,055	185,169	222,419	91,254	270,000	304,033
VEHICLE MAINTENANCE	8,000	4,041	5,581	394	6,500	8,000
EQUIPMENT PURCHASE+REPAIR	25,000	17,704	17,634	7,487	20,000	25,000
METERS, PUMPS,+STATION REPAIR	24,000	17,635	22,608	12,943	24,000	24,000
DEPARTMENTAL EXPENSES	29,700	18,756	16,197	6,740	25,000	28,700
LIABILITY+PROPERTY INSURANCE	39,900	33,900	39,301	30,154	39,000	42,000
OUTSIDE SERVICES+RENT	95,506	56,253	74,446	59,821	80,000	93,430
MATERIALS+SHOP SUPPLIES	37,000	20,374	25,840	18,087	35,000	32,000
UTILITIES + OIL	36,050	34,078	30,761	15,272	36,000	41,500
GASOLINE & FUEL	8,610	7,964	7,270	3,750	8,000	8,194
SEWER CAPITAL ITEMS	11,000	-	-	-	11,000	2,500
PAYMENT FOR SEWAGE TREATMENT	924,000	962,996	922,157	903,801	924,000	978,701
BOND INTEREST					-	69,000
BOND PRINCIPAL					-	61,500
PRIOR YEAR REFUNDS	3,500	1,756		540	1,000	3,500
DAMAGE CLAIMS	100	-		-	-	100
TRANSFER-SEWER CNR FUND	300,000	121,000		300,000	-	10,000
TOTAL	2,355,269	1,970,004	1,856,031	1,704,264	1,988,247	2,271,861
REVENUE:	ESTIMATED					
	<u>2021-2022</u>					
USAGE \$275.00 Per EDU	\$2,032,250					
PRIOR YEAR COLLECTION	100 000					

KEVENOL.	2021-2022
USAGE \$275.00 Per EDU	\$2,032,250
PRIOR YEAR COLLECTION	100,000
INVESTMENT INCOME	30,000
PERMIT FEES	10,000
OUTSIDE SERVICES	15,000
TOTAL REVENUE	2,187,250
USE OF FUND BALANCE	(84,611)
TRANSFER TO USAGE FUND	
TOTAL	2,271,861

(7465 EDU's @ 99% = 7390 Collection @ \$275.00/EDU)

FISCAL YEAR 2021/2022

POSITION SUMMARY

158-03000 SEWER USAGE

		F	PRESENT SUMMA	\RY		PROP(OSED SUM	MARY	
EMPLOYEE	CLASSIFICATION	PAY PLAN	LEVEL	STEP	AMOUNT	PAY PLAN	LEVEL	STEP	AMOUNT
Richard Peck	Sewer Administrator	Е	4	7	91,231	Е	4	7	93,31
Wayne Pierson	Sewer Foreman	Н	8A	2-3	71,780	Н	8A	3-4	77,030
Scott Drinkwater	Sewer Inspector/Maint.	Н	5	5	63,461	Н	5	5	64,88
Gary Brennan	Sewer Inspector/Maint.	Н	5	5	63,461	Н	5	5	64,88
Michael Vetica	Sewer Maintainer	Н	4A	2-3	53,504	N	4A	3-4	56,13
Laurie Berard (50%)	Assist. Collector Tax/Sewer	N	5	5-6	26,956	N	5	6-7	28,373
Michelle Milardo	Administrative Clerk	N	4	8	49,019	N	4	8	50,133
Michelle LuKas (50%)	Assist. Collector Tax/Sewer	N	6	8	29,251	N	6	8	29,908
					\$448,663				\$464,678
Part-Time (Commission Clerk)					\$1,500				\$1,350
Part-Time Seasonal \$13.63/hr	112	0							\$15,266
Overtime									\$58,409
									\$539,703
								FICA x .0765	\$41,28
								TOTAL W/ FICA	\$580,990

CNR/Non-Recurring Capital

Prepared by: Richard Peck

The 2021/2022 Capital Plan Usage Line Item: 15803000-79260

Fiscal Year 2021/2022 Capital Plan Request - Detail

Capital Plan Reques	<u>st - Detail</u>
1.	Shunpike Pump Station Sanitary Sewer Extension Feasibility Study Update
Approximate Cost:	\$10,000 Funding Source: Sewer Fund 26008000-CNR & 15803000-79260-Usage
Description:	Engineering Firm to Update the Northern Industrial Tier Sanitary Sewer Extension Project
	pment of Meter Area 4 (the Shunpike Meter Basin) including the N.I.T. East of Shunpike Road, the Shunpike PS nd trunk sewers are not adequate and will require to be replaced with larger diameter pipe.
2.	
Approximate Cost:	
Description:	
Need:	

CNR/Non-Recurring Capital

<u>Five Year Capital - Projection</u> <u>Equipment Purchase/Capital Improvement Plan</u>

Sewer Fund (15803000-79260-Usage) Sewer Fund (26008000- CNR) Fiscal Year 2021/2022

Prepared by: R. Peck

1st YEAR: (2021/2022) 1 Engineering Services - Shunpike Pump Station Sanitary Sewer Extension Feasibility Study Update	\$10,000 \$10,000
2nd YEAR: (2022/2023)	ψ10,000
Replace Truck & Crane for removing Pumps at Pump Stations	\$105,000
2 Replace existing 2008 GMC Pickup w/Plow	\$56,000
	\$161,000
3rd YEAR: (2023/2024)	·
1. Refurbish/Replace 1997 SRECO Sewer Cleaner Pump	\$75,000
2. Sewer Rehabilitation Project	\$200,000
	\$275,000
4th YEAR: (2024/2025)	
Replace existing 2012 GMC Pickup w/Plow	\$65,000
	\$65,000
5th YEAR: (2025/2026)	
1. Replace Shunpike PS 2003 - 100 Kw Generator	\$35,000
Total	\$35,000
5-Year Total	\$546,000

Estimated Expenditures: With Capital Item(s) 2021-2022 Estimated Receipts:	<u>\$2,271,861</u>
	ED11 4075
User Accounts: (5000 Accounts) (7465 EDU's @ 99% = 7390 Collection @ \$275.00/EDU)	EDU \$275 \$2,032,250
Prior Year Collections (all components)	\$100,000
Investment Interest	\$30,000
Permit/Inspection Fees	\$10,000
Outside Services	\$15,000
Total Estimated Revenue	\$2,187,250
Transfer from Sewer Usage Fund Balance	(\$84,611)
Transfer to Sewer Usage Fund Balance	
	\$2,271,861