



UTILITY/MARINA COMMITTEE
420 N Front St.
Suttons Bay, MI 49682
Monday November 7, 2022 8:30 am

For the public wishing to view the meeting using remote attendance, there will also be a Zoom link (which can be found on our website at www.suttonsbayvillage.org). Public participation shall be limited to in-person or via written communication received prior to the meeting

AGENDA

Call to Order

1. Reports (staff)
 - a. DPW Director Report
 - b. Marina Report
 - c. WWTP Report

2. Public Comments

Please limit remarks to no more than three (3) minutes or less.

3. Committee Business

- a. 2023 Fee Schedule
- b. 2023 Draft Budget


4. Status Update – Other Committees

5. Public Comments/Written Communication

6. Committee Member Comments

7. Announcements

8. Adjournment

		DEPARTMENT OF PUBLIC WORKS REPORT DPW -2022- 08	
Prepared:	Oct 31, 2022	Pages:	1 of 1
Meeting:	Nov 21, 2022	Attachments:	None <input checked="" type="checkbox"/>
Subject:	Monthly DPW Updates		

GENERAL SERVICE HIGHLIGHTS

Winterization of parks has started, final seasonal closures to bathroom amenities will be completed 11/1/2022. Final wrap up of all the parks should be completed by next week.

Fall leaf and brush pickup began recently, weather conditions and leaf drop have been mostly favorable.

New John Deere loader has arrived at the DPW, our staff has been out utilizing it with fall cleanup.

We are beginning to shift towards winter operations now, final preparations of snow equipment wrapping up.

UTILITY HIGHLIGHTS

Biannual chlorination was completed for entire system.

Ground storage tanks: (North Cell) had 5-year inspection completed by Dixon Engineering. South Cell is to be inspected on 11/1/2022. Improvements to site drainage were completed to prevent water from washing out parking lot and neighboring springs/stream sources.

Water tanks and control room exterior walls have been painted; some eggs were thrown at the tank wall as of last week.

Port Sutton pneumatic tank inspection was completed during the same day as North Cell.

Village fire hydrants are in the process of being pumped down and inspected for the winter to prevent freezing.

Utility marking post are being installed in off street areas so finding assets under snow makes it easier.

As mentioned in prior report, PFAS sampling round two was completed on August 2nd for collections system. New areas focused was along Front St. from Dame to Jefferson, Fire Station, 4th St., resample Main LS. Group meeting was 10/24/22, EGLE is pleased with our methodology and has been using our strategy in assisting other communities using what we have developed as a guideline. Next round of sampling is next June. Number of sampling sites have been reduced moving forward.

REGULATORY HIGHLIGHTS

Water reliability study is still in progress, sharing data and information with the engineer to finalize project.

Village water supply monthly sample results were all clear, including samples during the tank inspections.

To: Rob Larrea
Dave Miller

From: Mark Huggard, JACOBS

Date: October 2nd, 2022

Copy: Nick Lenzi, JACOBS
Andrew Waldron, JACOBS
Justin Straub, JACOBS

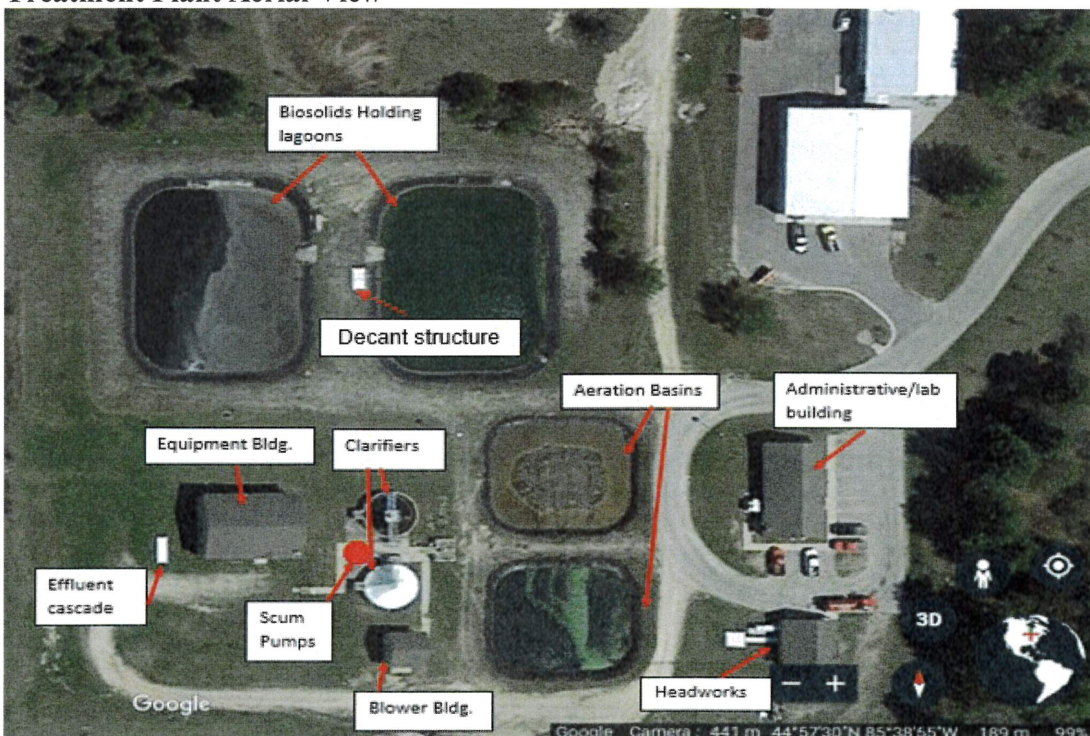
This report describes our activities during the month of October 2022. If there is additional information you would like included in the report, please let us know.

Permit Compliance:

Available lab results for the month of October indicate the facility is in compliance with its National Pollution Discharge Elimination System (NPDES) permit.

Jacobs completed and submitted September’s Discharge Monitoring Report (DMR) to the Michigan Department of Environment, Great Lakes, and Energy (EGLE). The facility was in full compliance.

Treatment Plant Aerial View



Operations:

October Flow Report

Average Influent Flow 2022	0.135	Million Gallons per day
Average Influent Flow 2021	0.103	Million Gallons per day
Total monthly hauled truck waste 2022	70,205	Gallons
Total monthly hauled truck waste 2021	70,904	Gallons

Ferric chloride delivery is scheduled for the first or second week of November.

On October 18th we responded to a brief power outage due to high winds. A full plant walk through was conducted to verify all equipment was functioning.

On October 19th we held our first annual public open house. Guests were welcomed with fresh coffee, cookies, a tour brochure, and Jacob's handouts. A brief overview of the facilities processes was presented followed by a tour of the facility. Approximately 12 ppl attended the event which included Village council members and members of the public. Feedback was very positive, and we look forward to increasing attendance next year.

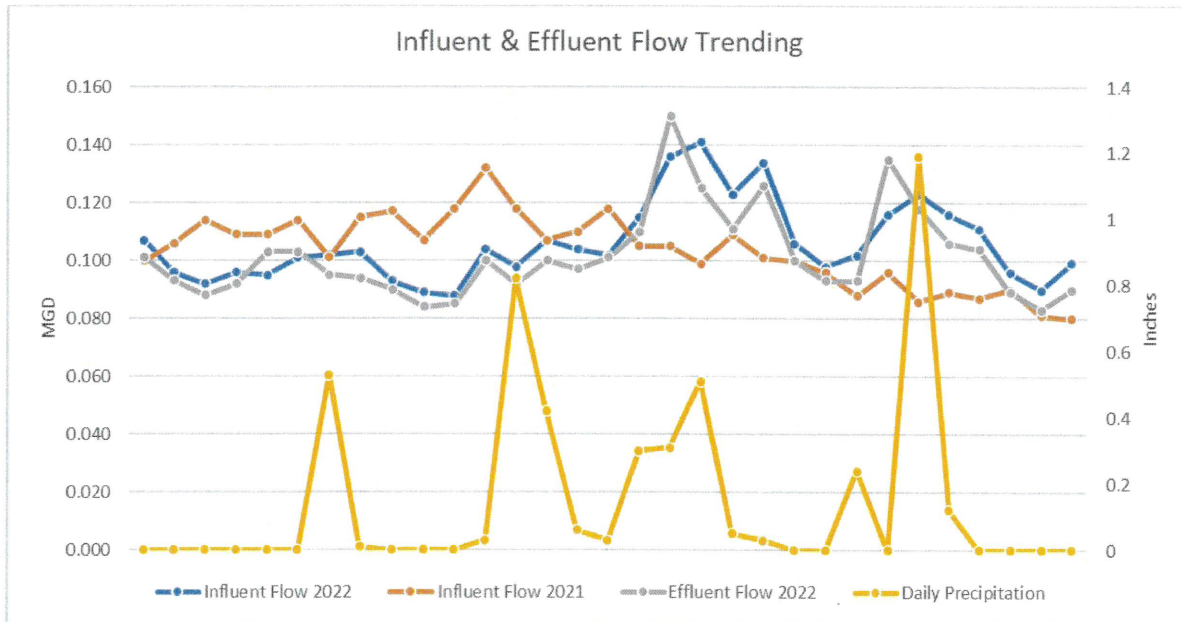
The cloth disk filter tank interior, including the solid's wasting piping was cleaned to remove buildup that was restricting solids removal 0.102 during the filters automatic solids wasting cycle.

On the Horizon:

- Clarifier #2 preventive maintenance inspections (Fall 2022)
- Upgrade of fine screen and headworks PLC's. (Fall 2022)
 - Update: The Village approved Windemuller to perform the upgrade. Equipment has been ordered.
- UV PLC uninterrupted power supply installation (2023)
- Repair leaking yard valve by clarifiers (2023)

The following plant flow graph illustrates the facilities current influent and effluent flow trend for the reporting month and the influent flow for the same month of the previous year.

October Plant Flow Trend

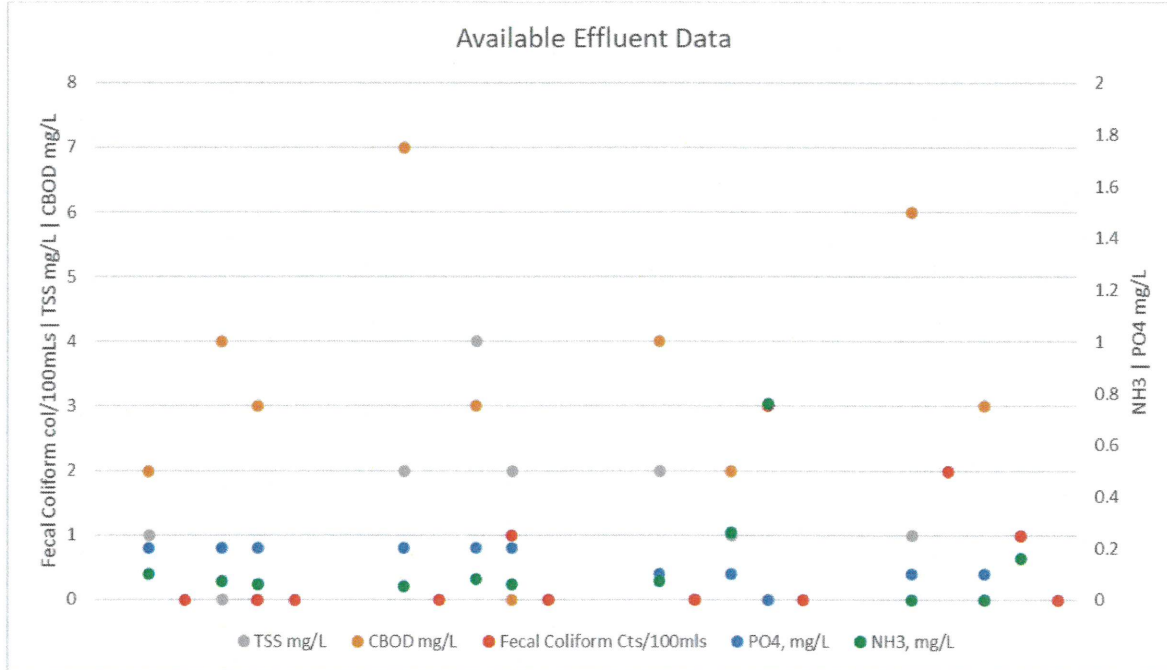


The NPDES permit limit table details the monthly average permit limits for each parameter, the graphs below this table illustrate the available parameter concentrations and % removals for the reported month.

NPDES Permit Limits

Parameters	Monthly average	7-day average
Total Suspended Solids	30 mg/L	45 mg/L
Fecal Coliform	200 counts/100 mLs	400 counts/100 mLs
Carbonaceous Biochemical Oxygen Demand	25 mg/L	40 mg/L
Total Phosphorus, PO4	0.5 mg/L	No Limit
Ammonia, NH3	Report only, no limit	Report only, no limit
CBOD % Minimum Removal	85%	NA
TSS % Minimum Removal	85%	NA

October Effluent Permit Data Trend



Financial Report:

Current Month	Oct-22	Comments
Current Month Repairs	\$ 30.55	Hoses and camlock fittings
Current Month Repair Labor Hrs	\$ 1.00	
Current Month Chemicals	\$ -	
Current Month Electricity	\$ 2,395.85	
Current Month Natural Gas	\$ -	
YTD Repairs		
YTD Repairs	\$ 6,574.25	
Repair Budget Remaining (\$6,000 Limit)	\$ (574.25)	Amount over limit
YTD Repair Labor Hrs		
YTD Repair Labor Hrs	58.50	
Repair Labor Hrs Remaining (Limit 104 hrs)	\$ 45.50	
YTD Chemicals		
YTD Chemicals	\$ -	
Chemical Budget Remaining (\$5,500 Limit)	\$ 5,500.00	
YTD Electricity		
YTD Electricity	\$ 20,103.60	
Utility Budget Remaining (\$21,000 Limit)	\$ 896.40	
YTD Natural Gas		
YTD Natural Gas	\$ 6,851.22	
Utility Budget Remaining (\$12,000 Limit)	\$ 5,148.78	

Mark Huggard | Jacobs | Project Manager
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 606 Hannah Ave. | Traverse City, MI 49686 | United States



2023

Proposed Fee Schedule

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2022 SCHEDULE OF FEES

NOTES	SEWER FEES		TOTAL COST (PER UNIT)
	System Development Fee		\$5,000.00
*See Note 1 & 2	Tap Fee		\$500.00
	Total Connection Fees		\$5,500.00
Please note: Total connection fees (per unit) are required to be paid at the time of application for sewer.			
METER SIZE	READY TO SERVE (MONTHLY FEE)	CAPITAL FEE (MONTHLY)	COMBINED COST
5/8" to 1"	\$17.00	\$24.25	\$41.25
1 ¼ " to 1 ½"	\$57.12	\$81.48	\$138.60
2"	\$105.06	\$149.78	\$254.84
3"	\$241.23	\$344.06	\$585.29
4"	\$433.50	\$618.40	\$1,051.90
NOTES	WATER USAGE FEE (SEWER ONLY)		COST
Per 1,000 Gallons	Metered Water		\$6.63
MULTI-USE & MULTI-FAMILY	READY TO SERVE (MONTHLY FEE)	CAPITAL CHARGE (MONTHLY)	COMBINED COST
PER UNIT	\$17.00	\$24.25	\$41.25
PLEASE NOTE: ESTIMATED FEES ARE BASED ON A 1" METER SIZE PER EACH INDIVIDUAL UNIT			
*PLEASE SEE NOTE #3			
NOTES	OTHER SEWER FEES		TOTAL COST
Per Gallon	Holding Tank Waste		\$0.06
NON-VILLAGE USER RATE	Sewer and/or Water Monthly service charge, commodity charge, terminated service turn on fee, or any other charge relating to water and/or sewer services for Township parcels shall be 1.5 times the fees or charges for Village residents.		1.5 x RATE
NOTES	WATER FEES		TOTAL COST (PER UNIT)
	System Development Fee		\$3,000.00
	Tap Fee		\$500.00
	Total Connection Fees		\$3,500
Please note: Total connection fees (per unit) are required to be paid at the time of application for water.			
METER SIZE	READY TO SERVE (MONTHLY FEE)	CAPITAL FEE (MONTHLY)	COMBINED COST
5/8" to 1"	\$9.58	\$9.00	\$18.58
1 ¼ " to 1 ½"	\$28.95	\$27.24	\$56.19
2"	\$54.80	\$51.54	\$106.34
3"	\$139.50	\$131.12	\$270.62
4"	\$251.10	\$236.89	\$487.99
MULTI-USE & MULTI-FAMILY	READY TO SERVE (MONTHLY FEE)	CAPITAL CHARGE (MONTHLY)	COMBINED COST
PER UNIT	\$9.58	\$9.00	\$18.58

2022 SCHEDULE OF FEES

PLEASE NOTE: ESTIMATED FEES ARE BASED ON A 1" METER SIZE PER EACH INDIVIDUAL UNIT		
*PLEASE SEE NOTE #3		
METER TYPE / NOTES	OTHER WATER FEES	COST
Metered Water	Per 1,000 gal.	\$2.95
Irrigation Meter	Monthly Fee	\$5.00
PLEASE NOTE: THE CUSTOMER IS RESPONSIBLE FOR THE COST OF THE METER, ASSEMBLY AND INSTALLATION		
Analysis	Water Quality Analysis	\$65.00 + COST OF THE TEST
TURNING ON & TURNING OFF WATER		COST
During working hours - less than 72 hour notice		\$60.00
During non-working hours - emergency calls		\$90.00
Seasonal Off/On - with 72 hour advance notice.	EACH SERVICE	Off \$25/ On \$25.00
Turn Off/On Fee - water service failure to pay	EACH SERVICE	Off \$25/ On \$25.00
Turn on Fee - sewer only customer minimum fee	EACH SERVICE	\$250.00
Late Penalty Fee		10%
Bulk Water Purchase		\$50.00 plus \$5.90 per 1,000 gallons
WATER & SEWER NOTES		
NOTE #1	If the actual tap installation cost exceeds the minimum tap fee of \$500.00, the property owner will be required to pay the additional costs on an actual time and material.	
NOTE #2	The Village is responsible for installing the service pipe from the main to property line.	
	The property owner is responsible for installing the building pipe.	
	Services over a 1" in size will have an additional fee based on an additional time and material charge.	
NOTE #3	For buildings with businesses, and no residential units billing for the RTS/CAP charges would be per connection size, regardless of the number of businesses.	
	For buildings with both businesses and residential units, billing for RTS/CAP charges would be one at the 1" connection rate for one less than the number of residential units and one at the connection size rate for the rest of the building, regardless of the number of businesses.	
EXAMPLES	# OF UNITS	COST
SINGLE FAMILY HOUSE	1	UNIT RATE
DUPLEX	2	UNIT RATE
APARTMENT BUILDING (4-UNITS)	4	UNIT RATE COST PER UNIT
BUILDING WITH 1" METER & 5 BUSINESSES	1	UNIT RATE

2022 SCHEDULE OF FEES

PLANNING COMMISSION APPLICATION FEES		MARINA SLIP FEES	
Site Plan Review Level A		Seasonal Main Marina Slip Vessels up to 25 ft	\$1975/ \$2075
< 5,000 sq ft addition	\$500.00	Seasonal Main Marina Slip, per foot over 25 ft	79/ \$83.00
< 5,000 sq ft use permitted by right. See exceptions ZO Section 14-4 (3)	\$500.00	Seasonal Coal Dock Slips Vessels up to 25 ft	1725/ \$1825
Amendment to Level A	\$250.00	Seasonal Coal Dock Slips per foot over 25 ft	69/ \$73
Site Plan Review Level B		Day Use Slip, per hour for boat, pwc, or dinghy	\$3.00
> 5,000 sq ft (SUP, PUD, Site Condominiums) Section 14-4	\$1,000.00	Transient Slip, vessels up to 25 ft overall length per day	\$34.00
Amendment to Level B	\$500.00	Transient Slip vessels > 25 ft overall length per day	\$34.00 + 1.00 per ft
(See Note 7)		Transient pre-season rate: 4-15 thru 6-15	Discount 25%
MEETING FEES		Transient Post Season rate: 9-15 thru 10-15	Discount 25%
Conceptual Review	\$100.00	Waiting List Fee, annual	20/ \$25.00
Zoning Board of Appeals	\$500.00	Pump Out Services	\$10.00
Petition for Master Plan Amendment	\$2,500.00	Launch Fee Annual	30/ \$40.00
Request for Zoning Ordinance Amendment	\$1,000.00	Commercial/Livery Launch Fee Annual	\$200.00
Request for Map Amendment	\$1,000.00	Launch Fee each occurrence	\$5.00
Request for Annexation	\$1,000.00	MARINA SEASONAL SLIP REFUND PERCENTAGE	
See Note 7		January 1-February 28	100%
RESIDENTIAL LAND USE PERMITS		March 1 to May 14	75%
Single Family Dwelling	\$50.00	May 15-May 31	50%
Residential Additions	\$50.00	June 1 -June 30	25%
Residential Garages	\$50.00	July 1 -end of the season	NO REFUND
Assessory/Incidental Uses	\$50.00	Michigan State Waterways Rate-Scale E. All 42' docks min of 40' charge	
Two Family (Duplex) Dwelling	\$100.00	Civil Infraction Fines-Local Ordinance	
		1st Offense	\$100.00
		2nd Offense	\$250.00
		3rd Offense	\$500.00
		PARK FACILITY RESERVATIONS	
NSF Fee -Returned Check	Fee Per Statute	Bahle Hut /Per Day (See Note 4)	\$100 + \$100 Deposit
		North Park	(See Note 5)

Schedule of Fees (cont)

OTHER PERMIT FEES		OTHER PERMITS	
Failure to Permit	2 x the required fee		
Sign Permit	\$50.00	Curb Cut /Driveway Application	\$50.00
Commercial/Industrial LUP	\$100.00	Mass Gathering Application	\$100.00
No structure yet uses that require a permit	\$50.00	Short Term Rental Application	\$500.00 /3 yr term.
Home Occupation Permit	\$100.00	DOCUMENT FEES	
Land Division/Boundary Adjustment	\$250.00	Master Plan or Recreation Plan	\$30.00
Mileage Fees	IRS Reimbursement	Zoning Ordinance	\$30.00
		(See Note 6 & 7)	
NOTES CONTINUED			
NOTE #4	NOTE: Fee is waived for Suttons Bay Schools during regular scheduled school		
NOTE #5	No Fee - Reservations Required		
NOTE #6	Mailing cost are in addition to Document Fees		
NOTE #7	Escrow Fees pursuant to ZO Section 14.2(F) shall apply as indicated		

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Sewer Fund

Revenues	2019 Actual	2020 Actual	2021 Actual	2022 Adopted	2022 Amended	2023 Proposed
Permits and Fees	5,500	0	5,500	5,500	5,500	5,500
Grant Revenue	0	1,250	0	1,250	1,250	1,250
Charge for Services	142,969	137,556	140,000	140,000	140,000	140,000
General Fund	15,000	15,000	15,000	15,000	15,000	15,000
Marina Fund	10,000	10,000	10,000	10,000	10,000	10,000
RTS Fees	114,248	114,710	113,800	113,800	113,800	113,800
Waste Hauler Fees	125,826	135,408	92,000	92,000	92,000	92,000
Capital Charge	163,036	163,720	163,000	163,000	163,000	163,000
Penalties	3,423	2,572	1,300	1,300	1,300	1,300
Interest Earnings	12,527	3,676	3,000	1,750	1,750	1,750
Miscellaneous Income	24,134	0	0	0	0	0
Total Sewer Fund Revenues	616,663	583,892	543,600	543,600	543,600	543,600

Connection fee for 1 new hook up
 2021- 1/2 of camera grant, split w parks
 usage based fee fluctuates by user, \$ 0.00663 per gal
 Parks and Public Works
 Static charge on monthly bill based on meter size
 Revenue of \$0.06 per gal, Williams
 Static charge on monthly bill based on meter size
 reduced penalty rev covid

Expenditures

	2019 Actual	2020 Actual	2021 Actual	2022 Adopted	2022 Amended	2023 Proposed
Collection System						
Administrative Wages	31,751	44,144	45,800	37,500	38500	41000
Wages	22,264	24,197	25,500	26,000	27000	29000
FICA Contribution	3,984	5,038	5,295	4,490	4600	5000
Medical Insurance	7,512	8,564	9,600	10,950	10950	12500
Workers Compensation Insurance	351	381	500	725	725	780
Retirement Contribution	4,968	6,921	6,990	6,500	6500	7000
Life, AD&D Insurance	612	663	750	800	800	725
Unemployment Insurance	4	7	50	2,270	2270	2500
Office Supplies	0	0	200	200	200	200
Safety Equipment	307	554	2,000	2,000	2,000	2,000
Operating Supplies	3,604	4,364	3,500	5,000	8,500	6,500
Postage	1,288	1,533	1,300	1,500	1,500	1,500

Mcall-emerg repair-includes meters, badger serv, billing stoc
 100 per mo for mailing bills, 100 addtl misc postage

	2022	Collections	2023	
Legal Services	0	750	750	
Audit Services	2,263	2,313	665	
Contractual Services	2,539	2,600	2,600	
Lease of Building	0	2,500	2,500	
Settlements	0	0	0	
Telephones	3,552	4,100	6,000	Computer IT, misc services
Printing & Publishing	0	50	50	
Insurance	375	435	535	Internet, Centurylink phone lines, equip, and cell phones
Utilities - Electric	8,541	10,748	10,600	Liability ins - Par Plan Premium Increase
Utilities - Gas	1,126	709	1,200	DTE Energy, includes lift stations
Repair & Maintenance	10,667	7,158	37,500	sewer patching, cctv sewer lines, generator annual maint, Ct
Education, Training & Dues	0	130	500	Sewer fund portion of Bldgs loan payment
Loan Payment - Property Replacement Fund	13,725	13,725	13,725	
Depreciation	66,871	63,823	70,000	Trans to Motor Pool
Equipment/Vehicle Rent	7,050	7,050	7,050	
Capital Improvement	106,822	0	15,000	
Total Sewer Fund Collection System	300,176	208,725	271,970	
				2022 Collections 2023
				SCADA 15000 By-pass pump \$50,000
				R & M Patching 30000 R&M Patching \$1500
				SCADA 15000
Wastewater Treatment Plant				
Administrative Wages	9,110	9,886	18,500	
Wages	9,676	9,474	11,000	
FICA Contribution	1,393	1,452	2,200	
Medical Insurance	2,487	2,288	2,200	
Workers Compensation	215	165	3,650	
Retirement Contribution	1,870	1,904	400	
Life, AD&D Insurance	233	297	2,850	
Unemployment Insurance	7	10	400	
Safety Equipment	266	78	1,412	
Operating Supplies	2,426	2,752	1,500	Gas Detector, protective gear
Postage	0	0	3,500	includes water cooler, copier maint contract, Northern
			50	
			343,030	

Fuel and Lubricants	0	0	0	0	0	0	0	0	0	0	0	0	part of Jacobs contract
Chemicals and Treatment	0	0	0	0	0	0	0	0	0	0	0	0	part of Jacobs contract
Engineering Services	0	0	0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	
Legal Services	0	0	0	0	0	0	0	0	0	0	0	0	
Contractual Service	188,161	184,810	189,000	189,000	189,000	186,000	186,000	189,000	189,000	189,000	189,000	189,000	add'l available for year end reconcile, per agreement
Analytics for WW	0	0	0	3,500	3,500	3,500	3,500	3,500	3,500	8,000	8,000	8,000	PFAS Testing
Janitorial Service	0	0	1,000	500	500	500	500	500	500	500	500	500	Annual licences from St of MI
Permits and Fees	2,358	3,236	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	Cable & Phone
Telephones	3,156	3,543	3,150	3,150	3,150	3,150	3,150	3,150	3,150	4,500	4,500	4,500	Liability ins - Par Plan
Insurance	600	435	600	650	650	650	650	650	650	650	650	650	no exp in 2018, part of Jacobs agreement
Utilities - Electric	0	0	0	0	0	0	0	0	0	0	0	0	no exp in 2018, part of Jacobs agreement
Utilities - Gas	0	0	0	0	0	0	0	0	0	0	0	0	chem control, fire ext; Tank Welding, OMI repairs, Actuator
Repair & Maintenance	3,970	1,496	5,000	15,000	15,000	15,000	15,000	15,000	15,000	16,000	16,000	16,000	
Chemical Feed Equipment	0	0	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	
Building and Grounds	1,834	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	
Depreciation	101,533	100,438	113,575	113,575	113,575	113,575	113,575	113,575	113,575	113,575	113,575	113,575	
Equipment/Vehicle Lease	2,150	2,150	2,150	2,150	2,150	2,150	2,150	2,150	2,150	2,150	2,150	2,150	to motor pool
Capital Improvements	221,251	22,069	50,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	Principle pymnt on sewer bonds
Sewer Bond Payment	115,000	115,000	115,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	Amort on sewer bonds
Amortize Bond Issue Costs	0	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	Interest pymnt on sewer bonds
Interest Expense	15,763	13,893	13,000	11,500	11,500	11,500	11,500	11,500	11,500	11,500	11,500	11,500	2022
Total Wastewater Treatment Plant	683,459	479,126	539,629	559,737	559,737	560,487	560,487	572,257	572,257	572,257	572,257	572,257	SCADA?
Total Sewer Expenditures	983,635	687,851	802,039	825,597	825,597	832,457	832,457	832,457	832,457	832,457	832,457	915,287	2023
Total Expenditures	983,635	687,851	802,039	825,597	825,597	832,457	832,457	832,457	832,457	832,457	832,457	915,287	Update prog logic control 1/2 - 40,000 and 2023
Total Expenditures less depreciation	815,231	523,590	618,464	642,022	642,022	648,882	648,882	648,882	648,882	648,882	648,882	731,712	
Total Revenue	616,663	583,892	543,600	543,600	543,600	543,600	543,600	543,600	543,600	543,600	543,600	543,600	
Excess Cash Revenues or Expense (-)	-198,568	60,302	-74,864	-98,422	-98,422	-105,282	-105,282	-105,282	-105,282	-105,282	-105,282	-188,112	
Beginning Cash Balance	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	
Ending Cash Balance	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	

Water Fund

Revenues	2019	2020	2021	2022	2022	2022	2023
	Actual	Actual	Actual	Adopted	Amended	Proposed	Proposed
Permits and Fees	880	1,317	743	500	500	500	500
Charge for Services	69,224	68,829	77,321	76,000	76,000	76,000	76,000
General Fund	6,800	6,800	6,800	6,800	6,800	6,800	6,800
Marina Fund	5,000	5,000	5,000	5,000	5,000	5,000	5,000
RTS Fees	63,494	63,806	64,185	62,000	62,000	62,000	62,000
Capital Charge	55,085	55,324	55,629	55,000	55,000	55,000	55,000
Grant Revenue - St of MI	0	4,500	0	0	3,600	0	0
Penalties	1,552	1,216	1,492	600	600	600	600
Interest Earnings	3,821	1,798	167	120	120	120	120
Hydrant Rental	25,000	25,000	25,000	25,000	25,000	25,000	25,000
695.0 Miscellaneous Revenue	305	0	9,291	0	0	0	0
Total Water Fund Revenues	231,161	233,590	245,628	231,020	234,620	231,020	231,020

will amend if new hook-ups
water usage based on per gal used, \$0.0295 per gal
From Parks and Public Works
From Marina
These are static, based on meter size \$9.58 per mo
These are static, based on meter size \$9.00 per mo
EGLE - Wellhead pymnt rev

rev transferred in fr gen fund

Expenditures

	2019	2020	2021	2022	2022	2022	2023
	Actual	Actual	Actual	Adopted	Amended	Proposed	Proposed
Administrative Wages	38,807	51,607	51,186	48,000	47,000	49,000	49,000
Wages	29,984	31,997	32,401	34,000	35,000	38,000	38,000
FICA Contribution	5,080	6,169	6,098	6,000	6,400	6,700	6,700
Medical Insurance	9,742	11,708	12,500	15,600	15,600	15,200	15,200
Workers Compensation	673	731	627	1,275	1,275	1,400	1,400
Retirement Contribution	6,452	8,408	8,488	7,500	7,500	8,700	8,700
Life, AD&D Insurance	784	823	897	1,000	1,000	910	910
Unemployment Insurance	6	8	6	3,050	3,050	3,400	3,400
Office Supplies	45	0	182	300	300	300	300
Safety Equipment	320	499	214	2,000	2,000	2,000	2,000
Operating Supplies	6,782	6,806	-5,938	7,000	8,000	13,000	13,000
Lab Analysis	1,733	2,363	5,193	6,000	6,000	6,000	6,000
Postage	1,220	1,533	1,031	1,800	1,800	1,800	1,800
Engineering Services	0	5,377	5,036	8,000	8,000	8,000	8,000

10% contrib beg 2019

includes meters, bill cards, and software fees
weekly, qtrly water samples, add tests for PFAS
\$100 per mo for bills, plus annual report
USDA

Legal Services	0	0	1,000	900	1,000	
Audit Services	1,867	1,917	2,500	2,500	2,500	water portion of audit (25%)
Contractual Service	1,140	1,849	4,000	4,000	4,000	used for annual well tests, comp it, sys review, etc
Lease of Building	0	0	0	0	0	
Telephones	2,589	2,659	2,900	2,900	2,900	landlines and cell phones for staff
Printing & Publishing	291	196	400	500	600	annual ocr report
Insurance	950	835	950	1,050	1,200	annual liab ins cost
Utilities - Electric	10,026	10,473	11,500	11,500	11,500	
Utilities - Gas	0	0	1,000	1,000	1,000	
Repair & Maintenance	12,571	8,829	22,500	22,500	22,500	From New Generator
Miscellaneous Expense	0	0	200	100	200	wellhouse and system maint, Cummins Bridgeway, etc
Education, Training & Dues	825	1,852	3,000	3,000	3,000	MI Rural Water, & classes
Loan Payment - Property Replacement Fund	13,725	13,725	13,725	13,725	13,725	water sys portion of new building payment
Loan Payment - Marina Fund	20,888	0	0	0	0	2019 - final year to repay marina loan
Transfer to General Fund	0	0	0	0	0	
Depreciation	33,854	34,128	37,625	37,625	37,625	
Equipment/Vehicle Rent	11,025	11,025	11,025	11,025	11,025	
Capital Improvements	500	86,908	50,000	50,000	20,000	to Motor Pool
Interest Expense	272	0	0	0	0	2021 - 30000 SCADA 50/50 sewer fund cost
Total Water Fund Expenditures	212,151	302,425	303,850	305,250	287,185	moved to 2022-tank inspections
						2023
Expenditures	212,151	302,425	303,850	305,250	287,185	Tank Inspection \$9000
Less Depreciation	178,297	268,297	266,225	267,625	249,560	Meters \$1300
Total Revenue	231,161	233,590	231,020	234,620	231,020	Fleis wellhead 9000
Excess Cash Revenues or Expense (-)	52,864	-34,707	-35,205	-33,005	-18,540	Fleis USDA 6000
						50% SCADA 15,000
						Trimble Tablet \$3600
						Tank Lining-Engineer \$5000
						Scada \$15,000
	#REF!	309,451	340,320	340,320	307,315	
	309,451	274,744	305,115	307,315	288,775	

MARINA FUND

Revenues	2019 Actual	2020 Actual	2021 Actual	2022 Adopted	2022 Amended	2023 Proposed
Pump outs	3,474	3,129	2,668	3,200	2,500	2,500
Gas Sales	132,354	118,912	148,163	140,000	185,000	140,000
Gas Sales - Tax Exempt	1,557	542	1,823	1,500	2,700	1,500
Sale of Ice	1,510	254	1,910	1,500	1,500	1,500
Launch Fees	32	0	1,839	0	0	0
Annual Launch Pass	6	0	930	0	0	0
Waiting List	2,400	2,700	3,160	2,400	2,500	2,500
Penalties	419	503	0	0	100	0
Interest Earnings	31,069	3,849	245	200	3,500	1,000
Transient Fees	75,534	92,279	108,467	95,000	97,000	95,000
Marina Day Use	1,695	1,213	2,093	2,000	2,000	2,000
Slip Fees	272,351	281,798	284,810	280,000	290,000	300,000
Sale of Fixed Assets	0	0	0	0	0	0
Loan Repayment - Water Fund	21,160	0	0	0	0	0
Miscellaneous Income	72	85	362	0	500	0
Proceeds from Debt Financing	0	0	0	0	0	0
Total Marina Fund Revenues	543,633	505,264	556,470	525,800	587,300	546,000

Park rev begin 2022

Cust removed if non-payment, penalties are rare
 dependant on weather, can fluctuate
 billed annually in Jan, based on boat length
 final payment in 2019 for loan to water fund

Expenditures	2019 Actual	2020 Actual	2021 Actual	2022 Adopted	2022 Amended	2023 Proposed
Administrative Wages	27,555	39,593	39,314	24,000	25,500	26,500
Wages	53,533	57,801	57,655	61,000	62,500	66,600
Wages Dock Hands	30,968	34,747	37,723	40,000	40,000	40,000
FICA Contribution	8,338	9,824	9,975	10,500	10,500	10,500
Medical Insurance	11,543	11,141	12,488	15,500	15,500	16,500
Workers Compensation	2,336	2,534	1,636	2,700	2,700	2,700
Retirement Contribution	7,701	9,595	9,782	8,500	9,200	9,400
Life, AD&D Insurance	1,039	1,045	1,107	1,300	1,300	1,300
Unemployment Insurance	20	15	9	2,000	2,000	2,000
Uniform	536	0	1,086	500	510	1,000
Operating Supplies	6,543	7,388	10,501	9,000	12,000	8,000

Ice Purchases	1,269	194	975	1,300	1,000	1,300	
Gas Purchases	112,318	98,174	119,711	123,000	168,000	123,000	
Sales Tax	3,323	2,970	2,272	5,000	6,000	5,000	based on amount of fuel sold
Waste Removal	1,184	525	689	1,500	1,500	1,500	weekly pick-up for 6 yd draw
Engineering Services	0	0	0	2,000	2,000	2,000	misc as needed, not related to existing projects
Legal Services	0	0	0	1,000	950	1,000	possible ord revision, and misc legal needs
Audit Services	584	624	850	900	900	900	marina portion of audit
Rentals	4,378	4,566	5,560	5,600	7,800	7,800	porta-jons, cleaning, etc
Contractual Services	3,248	2,009	3,876	4,000	4,000	7,000	
Lease of Building	0	0	0				
Telephones	2,627	2,918	3,062	3,500	3,500	3,500	
Community Promotion		0	500	500	500	700	
Insurance	653	553	653	670	720	750	premium increase
Utilities - Electric	9,771	11,596	12,358	15,000	17,000	17,000	increase- bubblers
Utilities - Gas	788	558	786	900	1,100	1,100	
Utilities - Water	5,000	5,000	5,000	5,000	5,000	5,000	water costs - transfer to water dept
Utilities - Sewer	10,000	10,000	10,000	10,000	10,000	10,000	sewer costs - transfer to sewer dept
Repair & Maintenance	13,885	11,200	6,513	8,500	10,000	7,000	
Miscellaneous Expense	53	0	177	1,500	500	1,500	dockhand classes, haz-mat training, CPR
Education, Training & Dues	293	0	689	500	500	500	
Contributions to Property Replacement Fund	2,900	2,855	2,855	2,855	2,855	2,855	
Depreciation	129,202	132,766	130,956	138,000	136,000	137,000	
Equipment/Vehicle Rent	2,450	2,450	2,450	5,450	5,450	5,450	
Capital Improvements	1,373,660	72,000	59,780	100,475	131,445	46,500	
Payment on Marina Bond	45,000	45,000	45,000	45,000	45,000	45,000	
Interest Expense	43,714	42,609	40,922	42,000	40,000	39,000	
Bond Fees		0	0	0	100,000	100,000	
Total Marina Fund Expenditures	1,916,412	622,250	636,920	699,150	883,430	756,855	
							Landscape & Irrigation N Pier 6,400
							Wave Attenuators 35,000 (Possible Pavilion Relocation) 50%
							Bath House Door jams/locks/toilets etc 7,700
							Replace Harbor Hut computer 960.00
							Wetland Bridge 30,000
							Soils Structures soil borings Bridge-\$6,475 50%
							Marina Dock Repair 3,500 Bollards \$960.00 3x3 Steps \$1,60
							Elmer's Stone revetment 37,650.00; deicer \$1,200
							2023
							Native Stabilization SW Coal Dock 4,000, Epoxy Bathroom
							Replace CD Sect 33-36, 25,000
							Fuel Pump-\$5000, IMP Update 10,000
Total Expenditures	1,916,412	622,250	636,920	699,150	883,430	756,855	
Expense Less Depreciation	1,787,210	489,484	505,964	561,150	747,430	619,855	
Total Revenue	543,633	505,264	556,470	525,800	567,300	546,000	
Excess Cash Revenues or Expenses (-)	-1,243,578	15,780	50,506	-35,350	-160,130	-73,855	
Beginning Cash Balance	#REF!	634,634	650,414	700,920	700,920	540,790	
	634,634	650,414	700,920	665,570	540,790	466,935	