



UTILITY/MARINA COMMITTEE  
420 N Front St.  
Suttons Bay, MI 49682  
Monday November 1, 2021 8:10 am  
VIA Remote Participation

The public may participate in the meeting through Zoom access by computer and smart phone and can find the link on our website at [www.suttonsbayvillage.org](http://www.suttonsbayvillage.org)

### 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. Budget Amendments 2021
  - b. Budget Introduction 2022
4. Status Update – Other Committees
  - a. Budget Amendments 2021
  - b. Budget Introduction 2022
5. Public Comments/Written Communication
6. Committee Member Comments
7. Announcements
8. Adjournment

Village of Suttons Bay is inviting you to a scheduled Zoom meeting.

Topic: Utilities & Marina Committee Meeting

Time: Nov 1, 2021 08:10 AM Eastern Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/83381716069?pwd=Y0huWFE0QmdmOXdVSzN6WDN5a1A5Zz09>

Meeting ID: 833 8171 6069

Passcode: 524003

One tap mobile

+19294362866,,83381716069#,,,,\*524003# US (New York)

+13017158592,,83381716069#,,,,\*524003# US (Washington DC)

Dial by your location

+1 929 436 2866 US (New York)

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

Meeting ID: 833 8171 6069

Passcode: 524003

Find your local number: <https://us02web.zoom.us/j/kcQxWQfJYr>

## **Suttons Bay Marina**

### **October 2021 Staff Report**

The marina is officially closed for the 2021 season. All boats have vacated the harbor for the season and winterization has begun. All buoys and navigational aides have been pulled and put into storage. Next season a couple of the spar buoys at the North Park launch will need to be replaced, these are fairly inexpensive and were originally purchased in 2014. Bubblers have been placed throughout the main marina and all but 1 bubbler has been placed under the fishing pier. One bubbler for the fishing pier was not able to be repaired and is being replaced. This bubbler should be delivered and installed within the next week. The marina water system and pump-out has been winterized by the DPW. The coal dock winterization process has begun. All gangways will be pulled and because of the lower water levels all floating docks will be moved out into deeper water so the floats under the docks are not grounded. The lake level has dropped almost 17" +/- since last year. All electronics have been pulled from the Harbor and Gas Huts and stored in the Village Hall basement. The fuel system has been stabilized and shut off valves have been closed for winter. All power pedestals have been scrubbed and cleaned, fire extinguishers and life rings removed from docks, cleaned and stored.

I am currently still waiting on the ELGE permit for adding the rip rap at the end of the North Pier. The permit had to be updated due to some minor permitting changes regarding slope ratios and height of the area. I am still hoping that this project will be completed before the end of the year. We are on the calendar with Elmer's for the first week of December for this project.

Edie Aylsworth

Suttons Bay Marina, Harbor Master

**To:** Rob Larrea  
Dave Miller  
**Jacobs**

**From:** Mark Huggard,

**Date:** October 27<sup>th</sup>, 2021

**Copy:** Kevin Dahl, **Jacobs**  
Elizabeth Hart, **Jacobs**

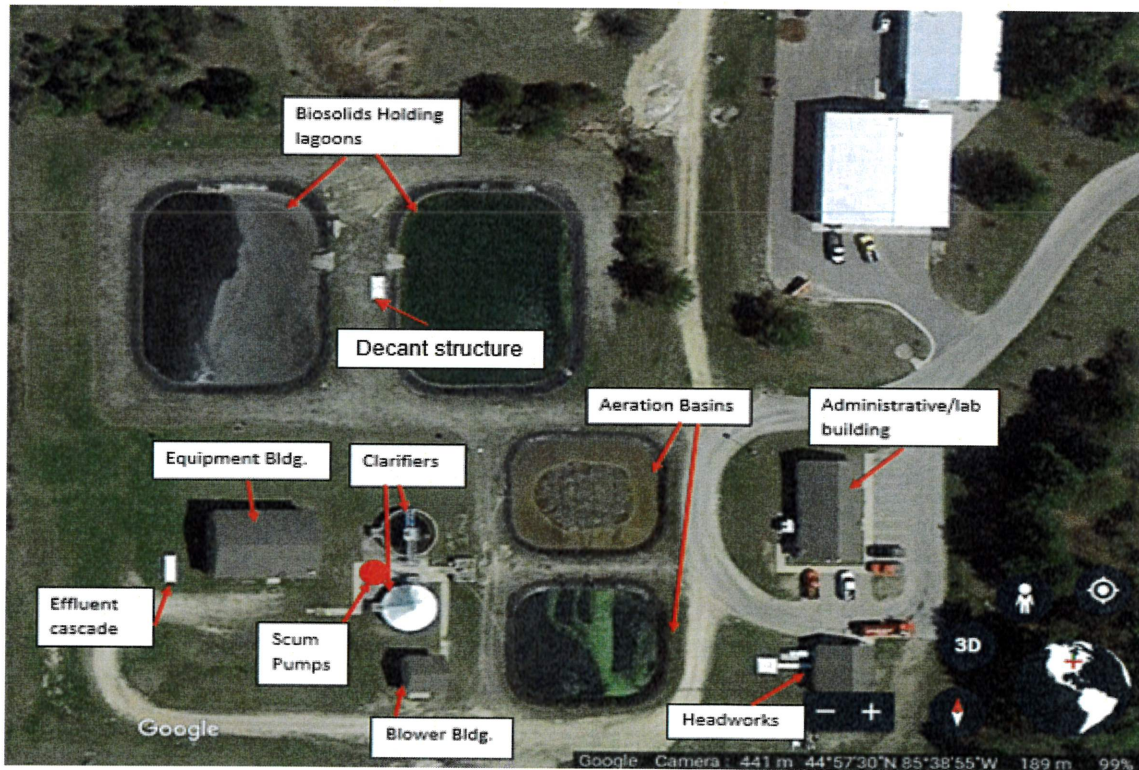
This report describes our activities during the month of October 2021. If there is additional information you would like included in the report, please let us know.

**Permit compliance:**

Available lab results for the month of October indicate full permit compliance.

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 2021*	0.109	Million Gallons per day
Average Influent Flow 2020	0.176	Million Gallons per day
Total monthly hauled truck waste 2021*	70,904	Gallons
Total monthly hauled truck waste 2020	219,494	Gallons

\*Data through October 27<sup>th</sup>.

At the request of EGLE, JACOBS and Dave Miller met with EGLE representatives to review the results of the recent PFAS sampling and status of the source investigation. EGLE provided additional information, resources, and contacts to assist in the investigation. The Village can expect to see a PFAS initiative letter within the coming weeks, detailing any further PFAS sampling and reporting requirements set forth by EGLE. Village staff are currently working to identify possible sources.

Blower #2 was removed and sent to the supplier Carotek for failure analysis.

The following preventive maintenance task were completed:

- Annual aeration blower oil changes
- Annual clarifier collector drive oil changes
- Annual air compressor oil change

Return activated sludge (RAS) pump #1 and the waste activated sludge (WAS) pump were both replaced and commissioned. The install of these pumps completes the replacement of all 4 pumps (3 -RAS, 1-WAS) as detailed in the Capital Improvement Plan (CIP).

The clarifier splitter box is located downstream of the aeration basins and is used to divert aeration basin effluent flow to one or the other or both final clarifiers. Over time scum and other debris builds in this chamber, catching on valve stems, weirs etcetera. Village staff assisted in the removal of the scum and floating debris utilizing the Village's vactor truck. This task is performed based on weekly visual inspections and typically requires cleaning once per quarter.

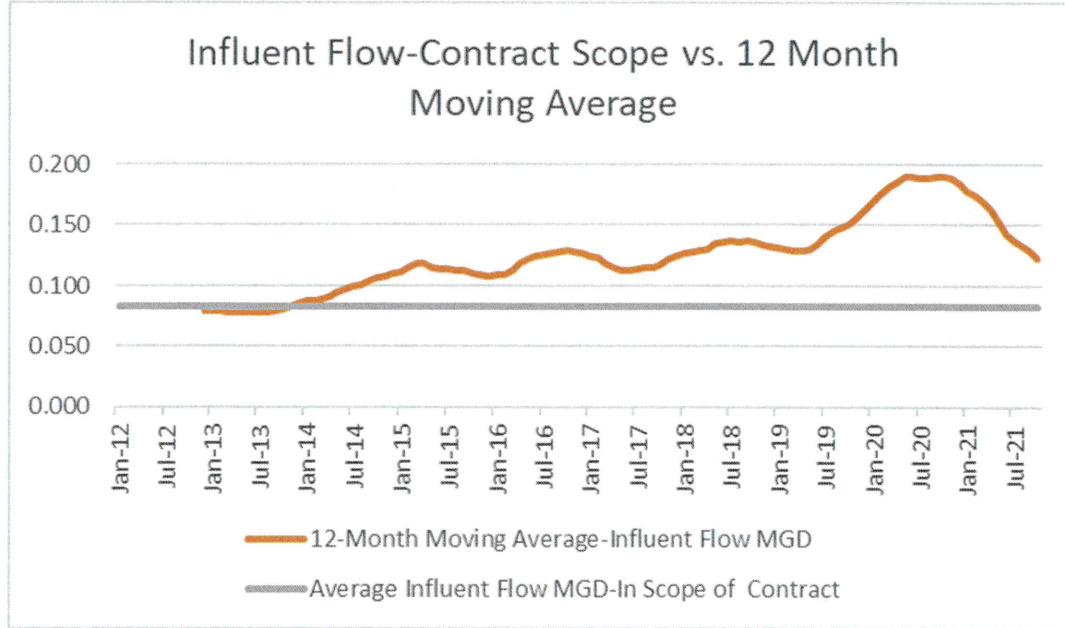
**On the Horizon:**

- Installation of new clarifier #2 drive motor. (2021)
- Repair leaking yard valve by clarifiers. (Spring 2022)

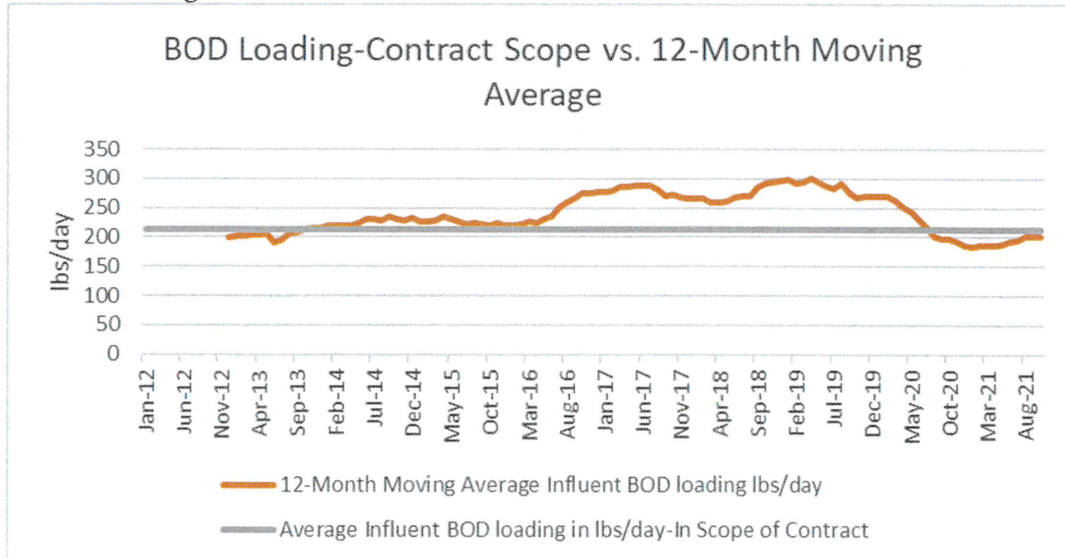
**Plant Influent and Effluent Trends:**

The following graphs illustrate the facility’s influent characteristics encompassed in our scope, per Amendment 3 to our 2010 agreement, compared to actual influent characteristics. Influent flow characteristics are based on a 12-month moving average.

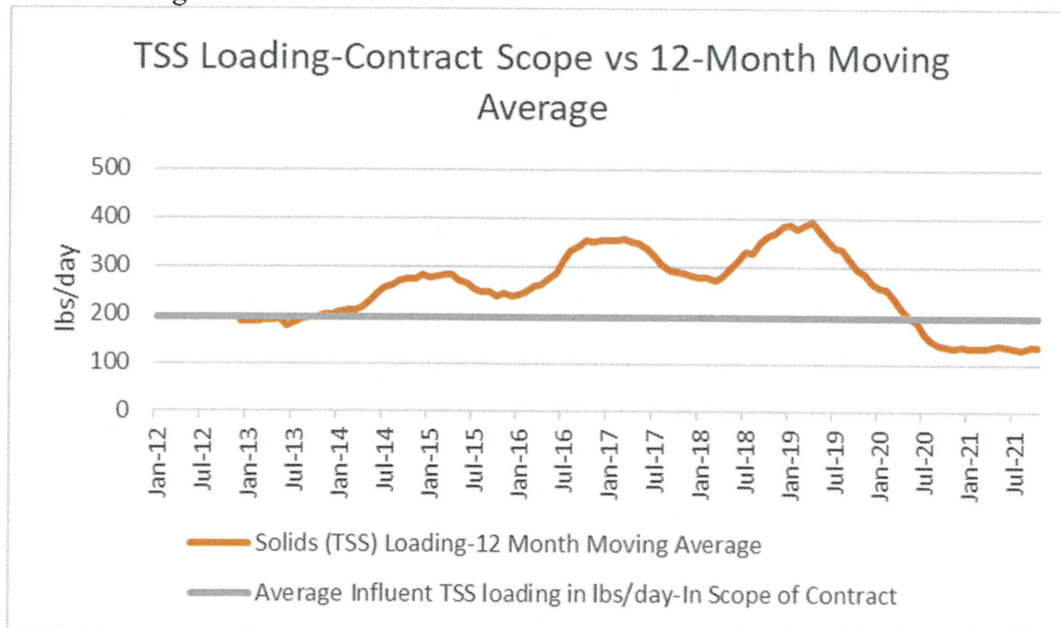
**Influent Flow**



**BOD Loading**

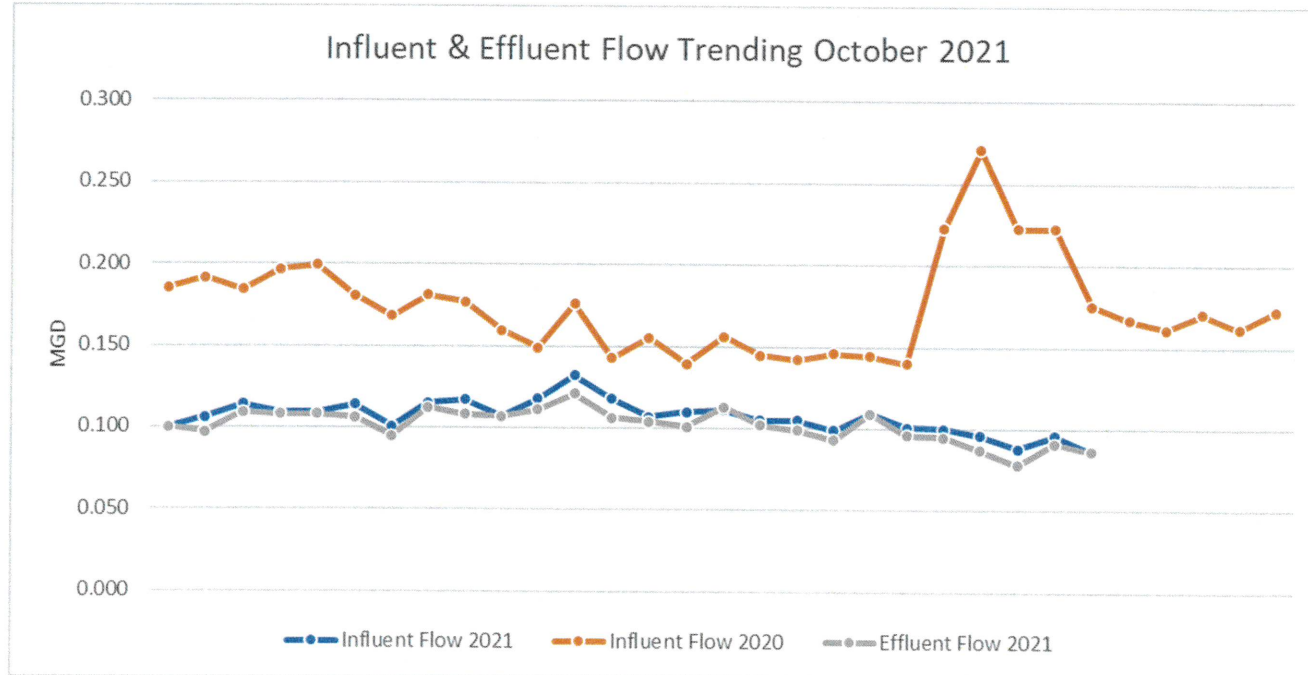


### TSS Loading



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. The NPDES permit limit table details the monthly average permit limits for each parameter, the graph below this table illustrates the available parameter concentrations for the reported month.

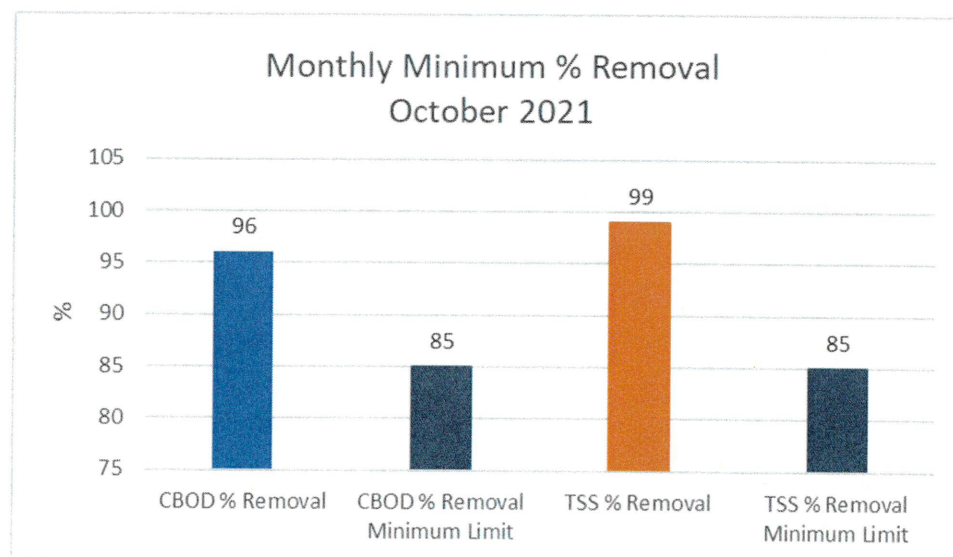
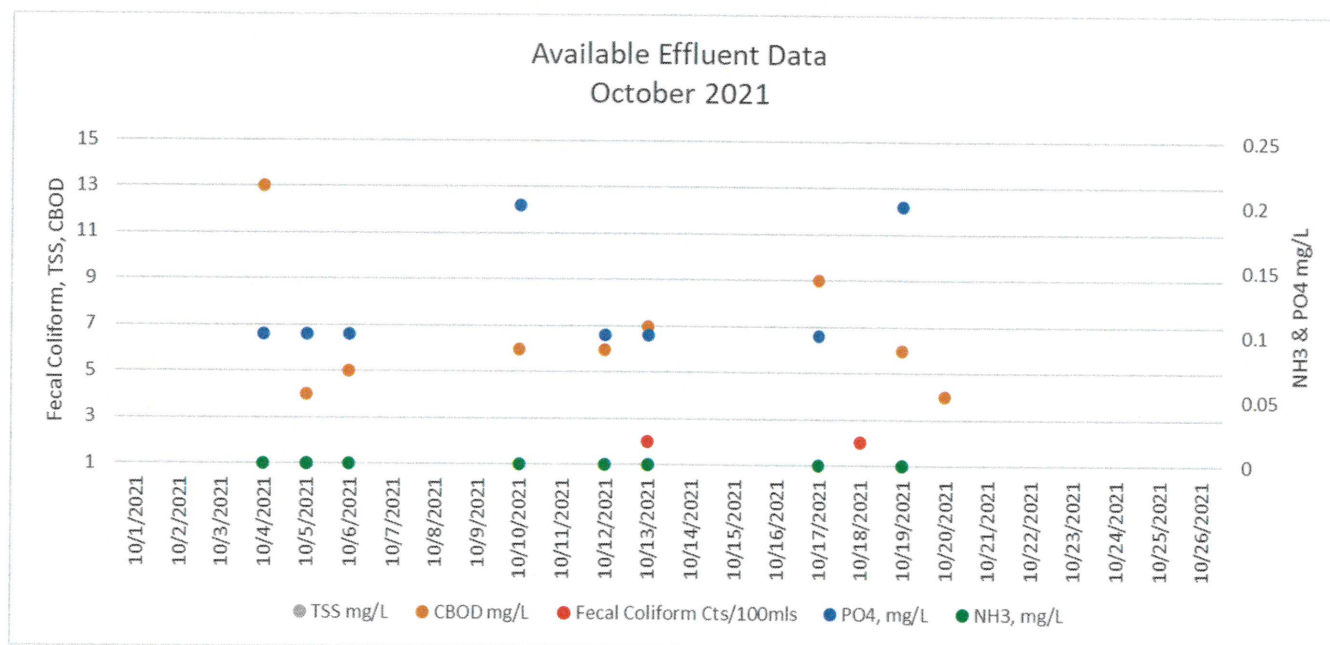
### October Plant Flows



### 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





### Financial Report

Current Month	Oct-21	Comments
Current Month Repairs	\$624.85	\$104.85 - Electrical parts for RAS/WAS pump install \$520.00 - Windemuller electric SCADA communication troubleshooting
Current Month Repair Labor Hrs	13.000	Labor related to RAS and WAS pump installations
Current Month Chemicals	\$-	
Current Month Utilities	\$2,644.65	Electricity - \$2,503.25 (8-20-21 to 9-20-21) Natural Gas - \$141.40 (8-17-21 to 9-16-21)
YTD Repairs	\$8,653.65	
Repair Budget Remaining (\$6,000 Limit)	\$(2,653.65)	Amount over contract limit
YTD Repair Labor Hrs	204.06	
Repair Labor Hrs Remaining (Limit 104 hrs)	\$(100.06)	Amount over labor hour limit
YTD Chemicals	\$5,215.80	
Chemical Budget Remaining (\$5,500 Limit)	\$284.20	Amount under contract limit
YTD Utilities	\$23,280.14	
Utility Budget Remaining (\$33,000 Limit)	\$9,719.86	

Mark Huggard | Jacobs | Assistant Project Manager  
 O 231.922.4922 | M: 231.313.5592 | [mark.huggard@jacobs.com](mailto:mark.huggard@jacobs.com)  
 606 Hannah Ave. | Traverse City, MI 49686 | United States

### Sewer Fund

Revenues	2017 Actual	2018 Budget	2019 Actual	2020 Actual	2021 Adopted	2021 Amended	2022 Proposed
Permits and Fees	5,560	5,500	5,500	0	5,500	11,000	5,500
Grant Revenue	125,782	152,700	0	1,250	0	1,250	1,250
Charge for Services	146,976	140,000	142,969	137,556	140,000	140,000	140,000
General Fund	15,000	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	10,000
RTS Fees	113,757	113,800	114,248	114,710	113,800	113,800	113,800
Waste Hauler Fees	79,421	72,000	125,826	135,408	92,000	92,000	92,000
Capital Charge	162,255	162,000	163,036	163,720	163,000	163,000	163,000
Penalties	5,251	3,000	3,423	2,572	1,300	1,300	1,300
Interest Earnings	5,136	6,600	12,527	3,676	3,000	1,750	1,750
Miscellaneous Income	58	0	24,134	0	0	0	0
<b>Total Sewer Fund Revenues</b>	<b>669,196</b>	<b>680,600</b>	<b>676,663</b>	<b>583,892</b>	<b>543,600</b>	<b>549,100</b>	<b>543,600</b>

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

	2017 Actual	2018 Budget	2019 Actual	2020 Actual	2021 Adopted	2021 Amended	2022 Proposed
<b>Collection System</b>							
Administrative Wages	23,775	26,250	31,751	44,144	45,800	45,800	37,500
Wages	19,430	20,200	22,264	24,197	25,500	25,500	26,000
FICA Contribution	3,154	3,500	3,984	5,038	5,295	5,295	4,490
Medical Insurance	7,927	8,213	7,512	8,564	9,600	9,600	10,950
Workers Compensation Insurance	383	564	381	381	500	500	725
Retirement Contribution	2,151	2,240	4,968	6,921	6,990	7,140	6,500
Life, AD&D Insurance	625	625	612	663	750	750	800
Unemployment Insurance	5	50	4	7	50	50	2,270
Office Supplies	105	0	0	0	200	200	200
Safety Equipment	319	0	307	554	2,000	2,000	2,000
Operating Supplies	2,204	2,500	3,604	4,364	3,500	14,500	5,000
Postage	1,292	1,250	1,288	1,533	1,300	1,300	1,500

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

	2021	Collections	2022	SCADA	15000
				(R & M) Patching 30000	
Legal Services	437	750	0	750	750
Audit Services	2,848	2,970	2,263	2,600	2,600
Contractual Services	1,315	2,000	2,539	2,500	2,500
Lease of Building	0	0	0	0	0
Settlements	0	0	0	0	0
Telephones	2,850	3,300	3,552	4,000	6,000
Printing & Publishing	60	50	0	50	50
Insurance	370	370	375	450	450
Utilities - Electric	6,469	8,200	8,541	10,600	10,600
Utilities - Gas	859	1,100	1,126	1,200	1,200
Repair & Maintenance	4,678	7,500	10,667	7,500	37,500
Education, Training & Dues	95	200	0	500	500
Loan Payment - Property Replacement Fund	13,704	13,704	13,725	13,725	13,725
Depreciation	44,786	61,661	66,871	70,000	70,000
Equipment/Vehicle Rent	7,037	7,037	7,050	7,050	7,050
Capital Improvement.	155,317	249,631	106,822	40,000	15,000
<b>Total Sewer Fund Collection System</b>	<b>302,198</b>	<b>422,465</b>	<b>300,176</b>	<b>262,410</b>	<b>265,860</b>
				<b>308,610</b>	
					<b>Patching-\$52,300 (R&amp;M)</b>
<b>Wastewater Treatment Plant</b>					
Administrative Wages	7,863	7,800	9,110	10,000	18,500
Wages	8,595	9,300	9,676	10,090	10,000
FICA Contribution	1,196	1,308	1,393	1,600	2,200
Medical Insurance	3,275	3,752	2,487	2,480	3,650
Workers Compensation	210	250	215	275	400
Retirement Contribution	817	875	1,870	2,009	2,850
Life, AD&D Insurance	228	250	233	350	400
Unemployment Insurance	6	50	7	50	1,412
Safety Equipment	40	100	266	500	1,500
Operating Supplies	1,384	2,000	2,426	3,000	3,000
Postage	0	35	0	50	50
					<b>Gas Detector, protective gear</b>
					<b>includes water cooler, copier maint contract, Northern</b>

Fuel and Lubricants	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	part of Jacobs contract	
Engineering Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Legal Services	0	3,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Contractual Service	161,706	160,000	188,161	184,810	189,000	189,000	189,000	189,000	189,000	189,000	189,000	189,000	189,000	189,000	189,000	189,000	189,000	189,000	189,000	189,000	addtl available for year end reconcile, per agreement	
Analyticals for WW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PFAS Testing	
Janitorial Service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Annual licences from St of MI	
Permits and Fees	3,967	2,500	2,368	3,236	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500		
Telephones	3,000	3,155	3,156	3,543	3,150	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500		
Insurance	600	600	600	435	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	650	
Utilities - Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Liability ins - Par Plan	
Utilities - Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	no exp in 2018, part of Jacobs agreement	
Repair & Maintenance	34,380	5,000	3,970	1,496	5,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	no exp in 2018, part of Jacobs agreement	
Chemical Feed Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	chem control, fire ext; Tank Welding, OMI replairs, Actuator	
Building and Grounds	785	1,500	1,834	0	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000		
Depreciation	103,072	109,172	101,533	100,438	113,575	113,575	113,575	113,575	113,575	113,575	113,575	113,575	113,575	113,575	113,575	113,575	113,575	113,575	113,575	113,575		
Equipment/Vehicle Lease	2,135	2,135	2,150	2,150	2,150	2,150	2,150	2,150	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	4,540	302,452	221,251	22,069	50,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		
Sewer Bond Payment	110,000	110,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000	Principle pymnt on sewer bonds	
Amortize Bond Issue Costs	3,750	3,750	0	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	Amort on sewer bonds	
Interest Expense	19,338	17,550	15,763	13,893	13,000	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	Interest pymnt on sewer bonds	
<b>Total Wastewater Treatment Plant</b>	<b>470,887</b>	<b>747,034</b>	<b>683,459</b>	<b>479,126</b>	<b>539,629</b>	<b>544,479</b>	<b>544,479</b>	<b>544,479</b>	<b>544,479</b>	<b>544,479</b>	<b>544,479</b>	<b>544,479</b>	<b>544,479</b>	<b>544,479</b>	<b>544,479</b>	<b>544,479</b>	<b>544,479</b>	<b>544,479</b>	<b>544,479</b>	<b>544,479</b>	<b>2021</b>	
<b>Total Sewer Expenditures</b>	<b>773,085</b>	<b>1,169,499</b>	<b>983,635</b>	<b>687,851</b>	<b>802,039</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>2022</b>	
<b>Total Expenditures</b>	<b>773,085</b>	<b>1,169,499</b>	<b>983,635</b>	<b>687,851</b>	<b>802,039</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>853,089</b>	<b>SCADA?</b>	
<b>Total Expenditures less depreciation</b>	<b>625,227</b>	<b>998,666</b>	<b>815,231</b>	<b>523,690</b>	<b>618,464</b>	<b>669,664</b>	<b>669,664</b>	<b>669,664</b>	<b>669,664</b>	<b>669,664</b>	<b>669,664</b>	<b>669,664</b>	<b>669,664</b>	<b>669,664</b>	<b>669,664</b>	<b>669,664</b>	<b>669,664</b>	<b>669,664</b>	<b>669,664</b>	<b>669,664</b>	Update prog logic control 1/2 - 40,000	
<b>Total Revenue</b>	<b>669,196</b>	<b>680,600</b>	<b>616,663</b>	<b>583,892</b>	<b>543,600</b>	<b>549,100</b>	<b>549,100</b>	<b>549,100</b>	<b>549,100</b>	<b>549,100</b>	<b>549,100</b>	<b>549,100</b>	<b>549,100</b>	<b>549,100</b>	<b>549,100</b>	<b>549,100</b>	<b>549,100</b>	<b>549,100</b>	<b>549,100</b>	<b>549,100</b>		
<b>Excess Cash Revenues or Expense (-)</b>	<b>43,969</b>	<b>-318,066</b>	<b>-198,568</b>	<b>60,302</b>	<b>-74,864</b>	<b>-120,564</b>	<b>-120,564</b>	<b>-120,564</b>	<b>-120,564</b>	<b>-120,564</b>	<b>-120,564</b>	<b>-120,564</b>	<b>-120,564</b>	<b>-120,564</b>	<b>-120,564</b>	<b>-120,564</b>	<b>-120,564</b>	<b>-120,564</b>	<b>-120,564</b>	<b>-120,564</b>		
<b>Beginning Cash Balance</b>	<b>976,081</b>	<b>1,020,050</b>	<b>799,984</b>	<b>601,416</b>	<b>601,416</b>	<b>526,552</b>	<b>526,552</b>	<b>526,552</b>	<b>526,552</b>	<b>526,552</b>	<b>526,552</b>	<b>526,552</b>	<b>526,552</b>	<b>526,552</b>	<b>526,552</b>	<b>526,552</b>	<b>526,552</b>	<b>526,552</b>	<b>526,552</b>	<b>526,552</b>		
<b>Ending Cash Balance</b>	<b>1,020,050</b>	<b>799,984</b>	<b>601,416</b>	<b>661,718</b>	<b>601,416</b>	<b>405,988</b>	<b>405,988</b>	<b>405,988</b>	<b>405,988</b>	<b>405,988</b>	<b>405,988</b>	<b>405,988</b>	<b>405,988</b>	<b>405,988</b>	<b>405,988</b>	<b>405,988</b>	<b>405,988</b>	<b>405,988</b>	<b>405,988</b>	<b>405,988</b>		

### Water Fund

Revenues	2017	2018	2019	2020	2021	2021	2021	2022
	Actual	Budget	Actual	Actual	Adopted	Adopted	Amended	Proposed
Permits and Fees	4,150	0	880	1,317	500	500	500	500
Charge for Services	77,629	80,000	69,224	68,829	76,000	76,000	76,000	76,000
General Fund	6,800	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	5,000
RTS Fees	59,489	58,000	63,494	63,806	62,000	62,000	62,000	62,000
Capital Charge	55,601	55,000	55,085	55,324	55,000	55,000	55,000	55,000
Grant Revenue - St of MI	0	0	0	4,500	0	0	0	0
Penalties	2,013	1,000	1,552	1,216	600	600	600	600
Interest Earnings	649	500	3,821	1,798	2,000	120	120	120
Hydrant Rental	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
695.0 Miscellaneous Revenue	223	0	305	0	0	0	0	0
<b>Total Water Fund Revenues</b>	<b>236,554</b>	<b>231,300</b>	<b>231,161</b>	<b>233,590</b>	<b>232,900</b>	<b>231,020</b>	<b>231,020</b>	<b>231,020</b>

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

Expenditures	2017	2018	2019	2020	2021	2021	2021	2022
	Actual	Budget	Actual	Actual	Adopted	Adopted	Amended	Proposed
Administrative Wages	29,665	30,493	38,807	51,607	52,500	52,500	52,500	48,000
Wages	26,472	28,007	29,984	31,997	34,000	34,000	34,000	34,000
FICA Contribution	4,088	4,775	5,080	6,169	6,600	6,600	6,600	6,000
Medical Insurance	10,756	11,225	9,742	11,708	12,500	12,500	12,500	15,600
Workers Compensation	715	1,075	673	731	1,200	1,200	1,200	1,275
Retirement Contribution	2,801	2,925	6,452	8,408	8,650	8,650	8,650	7,500
Life, AD&D Insurance	799	786	784	823	950	950	950	1,000
Unemployment Insurance	4	50	6	8	200	200	200	3050
Office Supplies	200	100	45	0	300	300	300	300
Safety Equipment	120	2,000	320	499	2,000	2,000	2,000	2,000
Operating Supplies	6,435	7,000	6,782	6,806	7,000	7,000	7,000	7,000
Lab Analysis	2,343	3,000	1,733	2,363	3,000	3,000	3,000	6,000
Postage	1,373	1,400	1,220	1,533	1,500	1,500	1,500	1,800
Engineering Services	0	2,000	0	5,377	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	1,000	0	0	1,000	1,000	1,000	0	1,000	0	1,000	
Audit Services	1,315	2,500	1,867	1,917	2,500	2,500	2,500	1,917	2,500	2,500	2,500	water portion of audit (25%)
Contractual Service	7,802	8,000	1,140	1,849	4,000	4,000	4,000	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	0	0	0	0	0	0	
Telephones	1,887	2,150	2,589	2,659	2,900	2,900	2,900	2,659	2,900	2,900	2,900	landlines and cell phones for staff
Printing & Publishing	328	400	291	196	400	400	400	196	400	400	400	annual ccr report
Insurance	935	935	950	835	950	950	950	835	950	950	950	annual liab ins cost
Utilities - Electric	10,152	13,000	10,026	10,473	11,500	11,500	11,500	10,473	11,500	11,500	11,500	
Utilities - Gas	0	500	0	0	0	0	0	0	0	0	0	
Repair & Maintenance	2,549	22,500	12,571	8,829	22,500	22,500	22,500	8,829	22,500	22,500	22,500	From New Generator
Miscellaneous Expense	0	200	0	0	200	200	200	0	200	200	200	wellhouse and system maint, Cummins Bridgeway, etc
Education, Training & Dues	790	1,500	825	1,852	3,000	3,000	3,000	1,852	3,000	3,000	3,000	MI Rural Water, & classes
Loan Payment - Property Replacement Fund	13,710	13,710	13,725	13,725	13,725	13,725	13,725	13,725	13,725	13,725	13,725	water sys portion of new building payment
Loan Payment - Marina Fund	21,271	22,403	20,888	0	0	0	0	0	0	0	0	2019 - final year to repay marina loan
Transfer to General Fund	2,066	0	0	0	0	0	0	0	0	0	0	
Depreciation	31,219	31,403	33,854	34,128	37,625	37,625	37,625	34,128	37,625	37,625	37,625	
Equipment/Vehicle Rent	11,007	11,007	11,025	11,025	11,025	11,025	11,025	11,025	11,025	11,025	11,025	
Capital Improvements	7,882	26,000	0	0	15,000	15,000	900	0	900	50,000	50,000	to Motor Pool
Interest Expense	1,126	0	272	0	0	0	0	0	0	0	0	2021 - 30000 SCADA 50/50 sewer fund cost
<b>Total Water Fund Expenditures</b>	<b>199,810</b>	<b>252,044</b>	<b>211,651</b>	<b>215,517</b>	<b>264,725</b>	<b>242,625</b>	<b>242,625</b>	<b>215,517</b>	<b>264,725</b>	<b>242,625</b>	<b>303,850</b>	<b>2022</b>
<b>Expenditures</b>	<b>199,810</b>	<b>252,044</b>	<b>211,651</b>	<b>215,517</b>	<b>264,725</b>	<b>242,625</b>	<b>242,625</b>	<b>215,517</b>	<b>264,725</b>	<b>242,625</b>	<b>303,850</b>	<b>Tank Lining 15,000</b>
<b>Less Depreciation</b>	<b>168,591</b>	<b>220,641</b>	<b>177,797</b>	<b>181,389</b>	<b>227,100</b>	<b>205,000</b>	<b>205,000</b>	<b>181,389</b>	<b>227,100</b>	<b>205,000</b>	<b>266,225</b>	<b>USDA ?</b>
<b>Total Revenue</b>	<b>236,554</b>	<b>231,300</b>	<b>231,161</b>	<b>233,590</b>	<b>232,900</b>	<b>231,020</b>	<b>231,020</b>	<b>233,590</b>	<b>232,900</b>	<b>231,020</b>	<b>231,020</b>	<b>Fleis wellhead 9000</b>
<b>Excess Cash Revenues or Expense (-)</b>	<b>67,963</b>	<b>10,659</b>	<b>53,364</b>	<b>52,201</b>	<b>5,800</b>	<b>26,020</b>	<b>26,020</b>	<b>52,201</b>	<b>5,800</b>	<b>26,020</b>	<b>-35,205</b>	<b>Fleis USDA 6000</b>
	<b>135,965</b>	<b>203,928</b>	<b>288,587</b>	<b>341,951</b>	<b>341,951</b>	<b>347,751</b>	<b>347,751</b>	<b>341,951</b>	<b>341,951</b>	<b>347,751</b>	<b>373,771</b>	<b>50% SCADA 15,000</b>
	<b>203,928</b>	<b>288,587</b>	<b>341,951</b>	<b>394,152</b>	<b>347,751</b>	<b>373,771</b>	<b>373,771</b>	<b>394,152</b>	<b>347,751</b>	<b>373,771</b>	<b>338,566</b>	

MARINA FUND

Revenues	2017 Actual	2018 Budget	2019 Actual	2020 Actual	2021 Adopted	2021 Amended	2022 Proposed
Pump outs	2,940	2,000	3,474	3,129	3,200	2,650	3,200
Gas Sales	120,696	95,000	132,354	118,912	125,000	145,000	140,000
Gas Sales - Tax Exempt	1,048	0	1,557	542	1,000	1,500	1,500
Sale of Ice	1,220	1,500	1,510	254	1,000	1,800	1,500
Launch Fees	525	450	32	0	500	1,800	0
Annual Launch Pass	90	0	6	0	0	930	0
Waiting List	1,808	1,400	2,400	2,700	1,700	2,800	2,400
Penalties	0	300	419	503	0	0	0
Interest Earnings	3,901	500	31,069	3,849	4,000	200	200
Transient Fees	64,568	60,000	75,534	92,279	65,000	102,500	95,000
Marina Day Use	1,985	1,500	1,695	1,213	1,500	2,000	2,000
Slip Fees	240,407	230,000	272,361	281,798	272,000	280,000	280,000
Sale of Fixed Assets	0	0	0	0	0	0	0
Loan Repayment - Water Fund	21,271	22,403	21,160	0	0	0	0
Miscellaneous Income	1,073	30	72	85	0	300	0
Proceeds from Debt Financing	0	0	0	0	0	0	0
<b>Total Marina Fund Revenues</b>	<b>461,532</b>	<b>415,083</b>	<b>543,633</b>	<b>505,264</b>	<b>474,900</b>	<b>541,480</b>	<b>525,800</b>

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

Bond Revenue

Expenditures	2017 Actual	2018 Budget	2019 Actual	2020 Actual	2021 Adopted	2021 Amended	2022 Proposed
Administrative Wages	16,475	20,467	27,555	39,593	40,887	40,887	24,000
Wages	45,660	59,388	53,533	57,801	58,900	58,900	61,000
Wages Dock Hands	28,492	35,000	30,968	34,747	38,750	38,750	40,000
FICA Contribution	6,747	8,787	8,338	9,824	10,500	10,500	10,500
Medical Insurance	10,949	13,245	11,543	11,141	15,500	15,500	15,500
Workers Compensation	2,709	3,748	2,336	2,534	2,700	2,700	2,700
Retirement Contribution	3,136	3,683	7,701	9,595	9,978	9,978	8,500
Life, AD&D Insurance	935	1,052	1,039	1,045	1,140	1,140	1,300
Unemployment Insurance	16	5,393	20	15	2,000	1,000	2,000
Uniform	397	700	536	0	1,200	1,200	500
Operating Supplies	10,032	11,000	6,543	7,388	7,000	11,000	9,000

2021 -New Village Logo in shirts

2021-New Red Nun Buoys and Green Spar for N. Park Launch

	739	1,000	1,269	194	1,000	1,000	1,300	
Ice Purchases	102,730	95,000	112,318	98,174	120,000	120,000	123,000	bagged ice for sale at marina
Gas Purchases	95	3,000	3,323	2,970	5,000	5,000	5,000	based on amount of fuel sold
Sales Tax	742	1,000	1,184	525	1,000	1,000	1,500	weekly pick-up for 6 yd draw
Engineering Services	0	2,000	0	0	2,000	2,000	2,000	misc as needed, not related to existing projects
Legal Services	758	0	0	0	1,000	1,000	1,000	possible ord revision, and misc legal needs
Audit Services	701	900	584	624	900	900	900	marina portion of audit
Rentals	4,190	4,000	4,378	4,566	4,500	5,600	5,600	partajons, cleaning, etc
Contractual Services	2,692	6,000	3,248	2,009	4,000	4,000	4,000	
Lease of Building	0	0	0	0	0	0	0	
Telephones	3,491	4,200	2,627	2,918	3,500	3,500	3,500	
Community Promotion	0	500	0	0	500	500	500	
Insurance	398	400	653	553	670	670	670	
Utilities - Electric	6,685	8,500	9,771	11,586	14,000	14,000	15,000	increase- bubblers
Utilities - Gas	795	800	788	588	800	1,000	900	
Utilities - Water	5,000	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	10,000	sewer costs - transfer to sewer dept
Repair & Maintenance	13,300	5,000	13,885	11,200	8,500	8,500	8,500	
Miscellaneous Expense	0	0	53	0	200	200	1,500	dockhand classes, haz-mat training, CPR
Education, Training & Dues	300	1,000	293	0	1,000	1,000	500	
Contributions to Property Replacement Fund	2,885	2,885	2,900	2,855	2,855	2,855	2,855	
Depreciation	55,017	59,975	129,202	132,766	136,000	136,000	138,000	
Equipment/Vehiele Rent	2,427	2,427	2,450	2,450	2,450	2,450	2,450	
Capital Improvements	18,287	34,500	1,373,660	72,000	56,800	56,800	100,475	
Payment on Marina Bond	0	0	45,000	45,000	45,000	45,000	45,000	
Interest Expense	0	0	43,714	42,809	43,313	41,625	42,000	
Bond Fees	0	0	0	0	0	0	0	
<b>Total Marina Fund Expenditures</b>	<b>356,680</b>	<b>410,560</b>	<b>1,916,412</b>	<b>622,250</b>	<b>658,543</b>	<b>661,155</b>	<b>696,150</b>	
<b>Total Expenditures</b>	<b>356,680</b>	<b>410,560</b>	<b>1,916,412</b>	<b>622,250</b>	<b>658,543</b>	<b>661,155</b>	<b>696,150</b>	Landscape & Pier 25,000 Landscape & Irrigation N Pier 20000
<b>Expense Less Depreciation</b>	<b>301,663</b>	<b>350,585</b>	<b>1,787,210</b>	<b>489,484</b>	<b>522,543</b>	<b>525,155</b>	<b>588,150</b>	Solar Path Lighting 2000 Wave Attenuators \$35,000
<b>Total Revenue</b>	<b>461,532</b>	<b>415,083</b>	<b>543,633</b>	<b>505,264</b>	<b>474,900</b>	<b>541,480</b>	<b>525,800</b>	Dock Ladders 2500 Bath House Doors \$501
<b>Excess Cash Revenues or Expenses (-)</b>	<b>159,869</b>	<b>64,498</b>	<b>-1,243,578</b>	<b>15,780</b>	<b>-47,643</b>	<b>16,325</b>	<b>-32,350</b>	Wave Attenuator 12000 Replace Harbor Hut computer \$1500
<b>Beginning Cash Balance</b>	<b>478,515</b>	<b>638,384</b>	<b>702,862</b>	<b>599,787</b>	<b>599,787</b>	<b>552,144</b>	<b>568,469</b>	Westland Bridge \$30,000
	<b>638,384</b>	<b>702,882</b>	<b>599,787</b>	<b>615,567</b>	<b>552,144</b>	<b>588,469</b>	<b>536,119</b>	Soils Structures soil borings Bridge-\$6
								Irrigation 12600 Elmer's Stone revetment -32,500
								Soils Structures soil borings Bridge 6475
								Deil Laptop \$1295 Walkway repair \$4550
								Irrig - S Side \$6588 60 CY Sand Fill \$240
								Tree Removal - \$2265 Elmer's 32,500
								Signage - 1200 Soils and Structures \$3100
								Landscape plants -\$686 De-icer \$750
								S Access Gates -docks -\$1750



## Recommendation: Marina Schedule of Fees 2022

Due to increases in operation costs and demand. I suggest that we consider increasing the Seasonal Rate and the Transient Rates on the Marina Schedule of Fees. Currently the marina Seasonal rate is \$75 per ft. (main marina) \$65 per ft. (coal dock), with a minimum fee of 25'. This rate falls between 5-6 scale on the Michigan Waterways Rate Schedule. I am suggesting that we increase the rate to \$79 per ft. (main marina) and \$69 per ft. (coal dock) this increase would bring us into the 5 scale and is an approximate increase of 5.5%. Currently our neighboring marinas are at a higher rate. Northport is currently charging \$94 per ft.; Elmwood is at \$88 and Elk Rapids is at \$81.

The marinas current Transient rates fall under the Michigan Waterways D Rate. I am suggesting that due to the quantum of services provided by staff and increases in overhead that we jump from the D rate to the E rate (attached you will find a rate sheet). The slight increase is approximately 3%.

I am not suggesting any other changes in fees for the 2022 season.

### 2022 Transient Rates

Boat Length	A	B	C	D	E	F	G	H	I	J
25	\$19	\$22	\$27	\$31	\$34	\$37	\$40	\$44	\$48	\$52
26	\$20	\$23	\$28	\$32	\$35	\$38	\$42	\$46	\$49	\$54
27	\$21	\$24	\$29	\$33	\$37	\$40	\$43	\$47	\$51	\$56
28	\$21	\$25	\$30	\$35	\$38	\$41	\$45	\$49	\$53	\$58
29	\$22	\$26	\$31	\$36	\$39	\$43	\$46	\$51	\$55	\$60
30	\$23	\$27	\$32	\$37	\$41	\$44	\$48	\$53	\$57	\$62
31	\$24	\$28	\$33	\$38	\$42	\$46	\$50	\$54	\$59	\$64
32	\$24	\$29	\$34	\$40	\$44	\$47	\$51	\$56	\$61	\$66
33	\$25	\$30	\$35	\$41	\$45	\$49	\$53	\$58	\$63	\$68
34	\$26	\$31	\$36	\$42	\$46	\$50	\$54	\$60	\$65	\$70
35	\$27	\$32	\$37	\$43	\$48	\$52	\$56	\$61	\$67	\$72
36	\$27	\$32	\$38	\$45	\$49	\$53	\$58	\$63	\$68	\$74
37	\$28	\$33	\$39	\$46	\$50	\$55	\$59	\$65	\$70	\$76
38	\$29	\$34	\$40	\$47	\$52	\$56	\$61	\$67	\$72	\$78
39	\$30	\$35	\$41	\$48	\$53	\$58	\$62	\$68	\$74	\$80
40	\$30	\$36	\$42	\$50	\$54	\$59	\$64	\$70	\$76	\$82
41	\$31	\$37	\$43	\$51	\$56	\$61	\$66	\$72	\$78	\$84
42	\$32	\$38	\$45	\$52	\$57	\$62	\$67	\$74	\$80	\$87
43	\$33	\$38	\$46	\$53	\$58	\$64	\$69	\$76	\$82	\$89
44	\$33	\$40	\$47	\$55	\$60	\$65	\$70	\$77	\$84	\$91
45	\$34	\$41	\$48	\$56	\$61	\$67	\$72	\$79	\$86	\$93
46	\$35	\$41	\$49	\$57	\$63	\$68	\$74	\$81	\$87	\$95
47	\$36	\$42	\$50	\$58	\$64	\$70	\$75	\$83	\$89	\$97
48	\$36	\$43	\$51	\$60	\$65	\$71	\$77	\$84	\$91	\$99
49	\$37	\$44	\$52	\$61	\$67	\$73	\$78	\$86	\$93	\$101
50	\$38	\$45	\$53	\$62	\$68	\$74	\$80	\$88	\$95	\$103
51	\$39	\$46	\$54	\$63	\$69	\$75	\$82	\$89	\$97	\$105
52	\$40	\$47	\$55	\$64	\$71	\$77	\$83	\$91	\$99	\$107
53	\$40	\$48	\$56	\$66	\$72	\$78	\$85	\$93	\$101	\$109
54	\$41	\$49	\$57	\$67	\$73	\$80	\$86	\$95	\$103	\$111
55	\$42	\$50	\$58	\$68	\$75	\$81	\$88	\$96	\$105	\$113
56	\$43	\$50	\$59	\$69	\$76	\$83	\$90	\$98	\$106	\$115
57	\$43	\$51	\$60	\$71	\$78	\$84	\$91	\$100	\$108	\$117
58	\$44	\$52	\$61	\$72	\$79	\$86	\$93	\$102	\$110	\$119
59	\$45	\$53	\$63	\$73	\$80	\$87	\$94	\$103	\$112	\$122
60	\$46	\$54	\$64	\$74	\$82	\$89	\$96	\$105	\$114	\$124
61	\$46	\$55	\$65	\$76	\$83	\$90	\$98	\$107	\$116	\$126
62	\$47	\$56	\$66	\$77	\$84	\$92	\$99	\$109	\$118	\$128
63	\$48	\$57	\$67	\$78	\$86	\$93	\$101	\$110	\$120	\$130
64	\$49	\$58	\$68	\$79	\$87	\$95	\$102	\$112	\$122	\$132
65	\$49	\$59	\$69	\$81	\$88	\$96	\$104	\$114	\$124	\$134
66	\$50	\$59	\$70	\$82	\$90	\$98	\$106	\$116	\$126	\$136
67	\$51	\$60	\$71	\$83	\$91	\$99	\$107	\$118	\$127	\$138
68	\$52	\$61	\$72	\$84	\$92	\$101	\$109	\$119	\$129	\$140
69	\$52	\$62	\$73	\$86	\$94	\$102	\$110	\$121	\$131	\$142
70	\$53	\$63	\$74	\$87	\$95	\$104	\$112	\$123	\$133	\$144
71	\$54	\$64	\$75	\$88	\$97	\$105	\$114	\$124	\$135	\$146
72	\$55	\$65	\$76	\$89	\$98	\$107	\$115	\$126	\$137	\$148
73	\$55	\$66	\$77	\$91	\$99	\$108	\$117	\$128	\$139	\$150
74	\$56	\$67	\$78	\$92	\$101	\$110	\$118	\$130	\$141	\$152
75ft plus	\$0.76	\$0.90	\$1.06	\$1.24	\$1.36	\$1.48	\$1.60	\$1.75	\$1.90	\$2.06

2022 Seasonal Rates

Slip Length	Rate 1	Rate 2	Rate 3	Rate 4	Rate 5	Rate 6	Rate 7	Rate 8	Rate 9	Rate 10
20	\$2,200	\$2,040	\$1,880	\$1,720	\$1,540	\$1,360	\$1,220	\$1,040	\$840	\$700
21	\$2,310	\$2,142	\$1,974	\$1,806	\$1,617	\$1,428	\$1,281	\$1,092	\$882	\$735
22	\$2,420	\$2,244	\$2,068	\$1,892	\$1,694	\$1,496	\$1,342	\$1,144	\$924	\$770
23	\$2,530	\$2,346	\$2,162	\$1,978	\$1,771	\$1,564	\$1,403	\$1,196	\$966	\$805
24	\$2,640	\$2,448	\$2,256	\$2,064	\$1,848	\$1,632	\$1,464	\$1,248	\$1,008	\$840
25	\$2,750	\$2,550	\$2,350	\$2,150	\$1,925	\$1,700	\$1,525	\$1,300	\$1,050	\$875
26	\$2,860	\$2,652	\$2,444	\$2,236	\$2,002	\$1,768	\$1,586	\$1,352	\$1,092	\$910
27	\$2,970	\$2,754	\$2,538	\$2,322	\$2,079	\$1,836	\$1,647	\$1,404	\$1,134	\$945
28	\$3,080	\$2,856	\$2,632	\$2,408	\$2,156	\$1,904	\$1,708	\$1,456	\$1,176	\$980
29	\$3,190	\$2,958	\$2,726	\$2,494	\$2,233	\$1,972	\$1,769	\$1,508	\$1,218	\$1,015
30	\$3,300	\$3,060	\$2,820	\$2,580	\$2,310	\$2,040	\$1,830	\$1,560	\$1,260	\$1,050
31	\$3,410	\$3,162	\$2,914	\$2,666	\$2,387	\$2,108	\$1,891	\$1,612	\$1,302	\$1,085
32	\$3,520	\$3,264	\$3,008	\$2,752	\$2,464	\$2,176	\$1,952	\$1,664	\$1,344	\$1,120
33	\$3,630	\$3,366	\$3,102	\$2,838	\$2,541	\$2,244	\$2,013	\$1,716	\$1,386	\$1,155
34	\$3,740	\$3,468	\$3,196	\$2,924	\$2,618	\$2,312	\$2,074	\$1,768	\$1,428	\$1,190
35	\$3,850	\$3,570	\$3,290	\$3,010	\$2,695	\$2,380	\$2,135	\$1,820	\$1,470	\$1,225
36	\$3,960	\$3,672	\$3,384	\$3,096	\$2,772	\$2,448	\$2,196	\$1,872	\$1,512	\$1,260
37	\$4,070	\$3,774	\$3,478	\$3,182	\$2,849	\$2,516	\$2,257	\$1,924	\$1,554	\$1,295
38	\$4,180	\$3,876	\$3,572	\$3,268	\$2,926	\$2,584	\$2,318	\$1,976	\$1,596	\$1,330
39	\$4,290	\$3,978	\$3,666	\$3,354	\$3,003	\$2,652	\$2,379	\$2,028	\$1,638	\$1,365
40	\$4,400	\$4,080	\$3,760	\$3,440	\$3,080	\$2,720	\$2,440	\$2,080	\$1,680	\$1,400
41	\$4,510	\$4,182	\$3,854	\$3,526	\$3,157	\$2,788	\$2,501	\$2,132	\$1,722	\$1,435
42	\$4,620	\$4,284	\$3,948	\$3,612	\$3,234	\$2,856	\$2,562	\$2,184	\$1,764	\$1,470
43	\$4,730	\$4,386	\$4,042	\$3,698	\$3,311	\$2,924	\$2,623	\$2,236	\$1,806	\$1,505
44	\$4,840	\$4,488	\$4,136	\$3,784	\$3,388	\$2,992	\$2,684	\$2,288	\$1,848	\$1,540
45	\$4,950	\$4,590	\$4,230	\$3,870	\$3,465	\$3,060	\$2,745	\$2,340	\$1,890	\$1,575
46	\$5,060	\$4,692	\$4,324	\$3,956	\$3,542	\$3,128	\$2,806	\$2,392	\$1,932	\$1,610
47	\$5,170	\$4,794	\$4,418	\$4,042	\$3,619	\$3,196	\$2,867	\$2,444	\$1,974	\$1,645
48	\$5,280	\$4,896	\$4,512	\$4,128	\$3,696	\$3,264	\$2,928	\$2,496	\$2,016	\$1,680
49	\$5,390	\$4,998	\$4,606	\$4,214	\$3,773	\$3,332	\$2,989	\$2,548	\$2,058	\$1,715
50	\$5,500	\$5,100	\$4,700	\$4,300	\$3,850	\$3,400	\$3,050	\$2,600	\$2,100	\$1,750
51	\$5,610	\$5,202	\$4,794	\$4,386	\$3,927	\$3,468	\$3,111	\$2,652	\$2,142	\$1,785
52	\$5,720	\$5,304	\$4,888	\$4,472	\$4,004	\$3,536	\$3,172	\$2,704	\$2,184	\$1,820
53	\$5,830	\$5,406	\$4,982	\$4,558	\$4,081	\$3,604	\$3,233	\$2,756	\$2,226	\$1,855
54	\$5,940	\$5,508	\$5,076	\$4,644	\$4,158	\$3,672	\$3,294	\$2,808	\$2,268	\$1,890
55	\$6,050	\$5,610	\$5,170	\$4,730	\$4,235	\$3,740	\$3,355	\$2,860	\$2,310	\$1,925
56	\$6,160	\$5,712	\$5,264	\$4,816	\$4,312	\$3,808	\$3,416	\$2,912	\$2,352	\$1,960
57	\$6,270	\$5,814	\$5,358	\$4,902	\$4,389	\$3,876	\$3,477	\$2,964	\$2,394	\$1,995
58	\$6,380	\$5,916	\$5,452	\$4,988	\$4,466	\$3,944	\$3,538	\$3,016	\$2,436	\$2,030
59	\$6,490	\$6,018	\$5,546	\$5,074	\$4,543	\$4,012	\$3,599	\$3,068	\$2,478	\$2,065
60	\$6,600	\$6,120	\$5,640	\$5,160	\$4,620	\$4,080	\$3,660	\$3,120	\$2,520	\$2,100
Over 60 ft	\$110/ft	\$102/ft	\$94/ft	\$86/ft	\$77/ft	\$68/ft	\$61/ft	\$52/ft	\$42/ft	\$35/ft

2021 Marina Fee Schedule

PLANNING COMMISSION APPLICATION FEES		MARINA SLIP FEES	
Site Plan Review Level A		Seasonal Main Marina Slip Vessels up to 25 ft	\$1,875.00
< 5,000 sq ft addition	\$500.00	Seasonal Main Marina Slip, per foot over 25 ft	\$75.00
< 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	\$1,625.00
Amendment to Level A	\$250.00	Seasonal Coal Dock Slips per foot over 25 ft	\$65.00
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)	\$1,000.00	* Transient Slip, vessels up to 25 ft overall length per day	\$32.00
Amendment to Level B	\$500.00	* Transient Slip vessels > 25 ft overall length per day	\$32.00 + 1.00 per ft
Escrow Fees pursuant to ZO Section 14.2(F) shall apply as indicated		Transient pre-season rate: 4-15 thru 6-15	Discount 25%
<b>MEETING FEES</b>		Transient Post Season rate: 9-15 thru 10-15	Discount 25%
*Conceptual Review	\$100.00	Waiting List Fee, annual	\$20.00
Zoning Board of Appeals	\$500.00	Pump Out Services	\$10.00
*Petition for Master Plan Amendment	\$2,500.00	Launch Fee Annual	\$35.00
*Request for Zoning Ordinance Amendment	\$1,000.00	Launch Fee each occurrence	\$5.00
*Request for Map Amendment	\$1,000.00	<b>MARINA SEASONAL SLIP REFUND PERCENTAGE</b>	
*Request for Annexation	\$1,000.00	January 1-February 28	100%
*Escrow Fees pursuant to ZO Section 14.2(F) apply		March 1 to May 14	75%
<b>RESIDENTIAL LAND USE PERMITS</b>		May 15-May 31	50%
Single Family Dwelling	\$50.00	June 1 -June 30	25%
Residential Additions	\$50.00	July 1 -end of the season	NO REFUND
Residential Garages	\$50.00	Michigan State Waterways Rate-Scale D. All 42' docks min of 40' charge	
Assessory/Incidental Uses	\$50.00	<b>CIVIL INFRACTION FINES - LOCAL ORDINANCE VIOLATION (MINIMUM)</b>	
Two Family (Duplex) Dwelling	\$100.00	1st Offense	\$100.00
		2nd Offense	\$250.00
		3rd Offense	\$500.00
Multi-Family Dwelling	\$100.00 + 20.00 per unit / per structure	<b>PARK FACILITY RESERVATIONS</b>	
		*Bahle Hut (per day rate)	\$100 + \$100 Deposit
NSF Fee -Returned Check	\$25.00	North Park Rental	No fee- Reservation Required

**Marina 2022 Proposed Schedule of Fees**

PLANNING COMMISSION APPLICATION FEES		MARINA SLIP FEES	
Site Plan Review Level A		Seasonal Main Marina Slip Vessels up to 25 ft	\$1,975.00
< 5,000 sq ft addition	\$500.00	Seasonal Main Marina Slip, per foot over 25 ft	\$79.00
< 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	\$1,725.00
Amendment to Level A	\$250.00	Seasonal Coal Dock Slips per foot over 25 ft	\$69.00
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
Escrow Fees pursuant to ZO Section 14.2(F) shall apply as indicated		Transient pre-season rate: 4-15 thru 6-15	Discount 25%
<b>MEETING FEES</b>		Transient Post Season rate: 9-15 thru 10-15	Discount 25%
*Conceptual Review	\$100.00	Waiting List Fee, annual	\$20.00
Zoning Board of Appeals	\$500.00	Pump Out Services	\$10.00
*Petition for Master Plan Amendment	\$2,500.00	Launch Fee Annual	\$30.00
*Request for Zoning Ordinance Amendment	\$1,000.00	Launch Fee each occurrence	\$5.00
*Request for Map Amendment	\$1,000.00	<b>MARINA SEASONAL SLIP REFUND PERCENTAGE</b>	
*Request for Annexation	\$1,000.00	January 1-February 28	100%
*Escrow Fees pursuant to ZO Section 14.2(F) apply		March 1 to May 14	75%
<b>RESIDENTIAL LAND USE PERMITS</b>		May 15-May 31	50%
Single Family Dwelling	\$50.00	June 1 -June 30	25%
Residential Additions	\$50.00	July 1 -end of the season	NO REFUND
Residential Garages	\$50.00	Michigan State Waterways Rate-Scale E. All 42' docks min of 40' charge	
Assessory/Incidental Uses	\$50.00	<b>CIVIL INFRACTION FINES - LOCAL ORDINANCE VIOLATION (MINIMUM)</b>	
Two Family (Duplex) Dwelling	\$100.00	1st Offense	\$100.00
		2nd Offense	\$250.00
		3rd Offense	\$500.00
Multi-Family Dwelling	\$100.00 + 20.00 per unit / per structure	<b>PARK FACILITY RESERVATIONS</b>	
		*Bahle Hut (per day rate)	\$100 + \$100 Deposit
NSF Fee -Returned Check	\$25.00	North Park Rental	No fee- Reservation Required