

VILLAGE OF EPHRAIM

FOUNDED 1853



Wastewater Committee Agenda
Monday, August 26th, 9:00 AM
Village Hall 9996 Water Street

NOTE: This Meeting of the Village Wastewater Committee will also be held via teleconferencing. It will be available to the public to attend in person or by computer, phone, tablet, or dial in. Connection information is included below in this notice.

1. Call to order
2. Changes in Agenda
3. Previous minutes – 6/3/2024
4. Visitors' comments
5. Plant managers report
6. Discussion and recommendation of the 2025 Budget.
7. Visitors' comments
8. New business for next meeting
9. Adjournment

WW Meeting

Aug 26, 2024, 9:00 – 11:00 AM (America/Chicago)

Please join my meeting from your computer, tablet or smartphone.

<https://meet.goto.com/454808397>

You can also dial in using your phone.

Access Code: 454-808-397

United States: [+1 \(224\) 501-3412](tel:+12245013412)

**It is possible that a quorum of the Village Board or other Village Committees may be present at the meeting. However, no action will be taken by any other Board or Committee unless specifically noticed.*

	Date <u>8/23/2024</u>
<hr/> Andrea Collak, Clerk	<input checked="" type="checkbox"/> Village Administrative Office
	<input checked="" type="checkbox"/> Visitors' Center
	<input checked="" type="checkbox"/> Post Office
<hr/> Kim Roberts, Deputy Clerk	<input checked="" type="checkbox"/> Website www.ephraim-wisconsin.com
	<input checked="" type="checkbox"/> Emailed to WDOR/Peninsula Pulse

VILLAGE OF EPHRAIM

FOUNDED 1853



Wastewater Committee Minutes Monday, June 3, 2024, 9:00 AM

Present: Karen McMurtry- Chair, Michael McCutcheon, Bruce Nelson, Jim Peterman

Absent: Dennis Jewell

Staff: Brad Rasmusson – Wastewater Manager/Operator in Charge, Daniel Oakley – Operator in Charge, Brent Bristol – Village Administrator, Andrea Collak – Clerk/Treasurer

1. **Call to order:** The meeting was called to order by Chair - McMurtry and a quorum was present for this meeting.
2. **Changes in Agenda:** None
3. **Previous minutes – Minutes from March 4, 2024**

Peterman moved, Nelson seconded to approve the March 4, 2024, meeting minutes as presented, all ayes, and the motion carried.

4. **Visitors' comments:** None
5. **Ephraim Wastewater Operator in Charge Report:** Rasmusson reviewed the WW, WWT, and SS OIC reports as included in the agenda packet. Wastewater duties were completed according to schedule.

April 3rd, an emergency call in – clarifier drive restarted

April 7th, communication failure at all lift stations. Burnt modem at Lift station #1 from power surges. Modem replaced.

April 11th, the ops to ops class/ tour at De Pere and GB Metro treatment plants/continuing ed credits for WW licenses

April 15th, the pumper truck tank was flushed and inspected.

April 16th, repaired sludge transfer hose coupling.

April 17th, ammonia samples shipped.

April 18th, the grit dumpster was emptied and cleaned.

April 19th, EDMR submitted to DNR

April 22nd, annual inspection of Plant & Hall generators by Cummins.

From April 23rd to 24, Ironbrook reinstalled the UV system.

April 26th, Pj Kortens on-site to diagnose the SCADA problems, blown fuse under the SCADA cabinet.

May 2nd, 4 loads of sludge hauled by Septic Maintenance

Hach salesman on-site to demo a new spectrophotometer. Testing a machine that can do a large variety of tests much faster than we currently can. We could offer more well water/wastewater tests. More to follow once more information is provided.

On May 8th, the AC problem on the F-150 was investigated by Keith's Automotive.

On May 14th to 15th, W. Clarifier was repaired by Sable.

May 21st, clarifier drive reset and communication fail at lifts #1 & 2.

On May 22nd, a burnt-out modem at Lift #1 was replaced.

May 23rd, 3 used modems bought on E-bay.

May 24th, new service truck from Monroe in DePere

On May 27th, a tree down on Larson Lane blocked the road. Cut up and moved to the side of the road.

May 29th, programmed and tested 3 modems from E-bay.

Testing as of May 29th, 2024:

There were 416 in-house bacteria tests completed, 421 water tests, and 5 clean water tests. 16 holding tank pump-outs and 5 septic pump-outs/problems. There were 4 emergency call-ins.

6. Discussion and consideration of the 2023 WI DNR eCMAR report and resolution:

Compliance Maintenance Annual Report (CMAR) is a self-evaluation tool that promotes the owner's awareness and responsibility for wastewater collection and treatment needs, measures the performance of wastewater treatment works during a calendar year, and assesses its level of compliance with permit requirements. The governing body of a publicly owned treatment works shall pass a resolution that verifies its review of the CMAR, summarizes recommended or corrective actions if necessary, and authorizes the submittal of the eCMAR form.

Rasmusson went down the list and reported that categories such as Influent Flow and Loading, Effluent Quality and Plant Performance (BOD/CBOD, Total Suspended Solids, Ammonia – NH₃, Phosphorus), Biosolids Quality and Management, Staffing and Preventive Maintenance, Operator Certification and Education, Financial Management, Sanitary Sewer Collection Systems received a 4.0 overall Grade Point Average (GPA) Grade A with no corrections or deficiencies at the time of the regular meeting of the Wastewater Committee.

After a short discussion, Chair-McMurtry signed the Village of Ephraim, Resolution 05-2024 Wisconsin Department of Natural Resources, NR 208 – Compliance Maintenance Resolution.

Rasmusson will submit the 2023 WI DNR eCMAR this week.

7. Discussion and consideration receiving station and plant improvements

Rasmusson said that he is getting some quotes to have a truck to the receiving station direct connection made. This will help prevent spills. Some of the haulers have complained about the current setup and that the hoses like to jump out causing spills. This adjustment could encourage more haulers to stop at the plant.

Furthermore, if there is someone with a core drill big enough to fit a 6” pipe through a concrete wall, drilling a hole under the catwalk in the tank room, could improve the output for the sludge transfer pumps and eliminate the trip hazard when entering the tank room. Rasmusson will report further at the next meeting.

8. **Visitors’ comments:** None
9. **New business for next meeting:** McMahon Report. Plant Improvements and receiving station. The next meeting is Monday, July 1st, 2024, at 9:00 AM.
10. **Adjournment**

McMurtry moved, McCutcheon seconded to adjourn the meeting, all ayes, and the motion carried.
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Recorded by,
Andrea Collak- Clerk/Treasurer

DRAFT

August 26th 2024
Ephraim WW, WWT, SS
Manager OIC Report



Po4 lab setup-complete with lab cleanup samples twice per week

EFF samples sent to Northern Lake Services for ammonia testing:

Ph testing: Five times per week as required.

TSS, BOD labs with lab cleanup: Twice per week as required.

6-11 We had a load of Aluminum Sulfate “Alum” delivered.

Cummins on-site making repairs to plant generator, luckily during the process the tech found that the water pump was broke and extremely wore out and on the edge of failure. He had another tech deliver a new pump from Green Bay and installed it that day.

6-12 Shipped out nitrate sample.

6-14 Dan and I helped build the main Fyr-Bal fire and helped with set up.

6-15 Dan and I both took shifts working during the Fyr-Bal event.

6-21 EDMR long and short both entered.

New well water media check.

7-4 I worked the holiday, garbage, flower watering, and bathroom cleaning.

7-10 I did a confined space entry into the W. Basin to replace broken diffusers with the assistance of Dan and the Maintenance Dept.

7-11 We had a well water lab audit with the Wi Dept. of Agriculture, Trade and Consumer Protection. We passed with flying colors. Dan deserves a lot of credit for the quality and condition of our lab.

7-12 Opened the W. Basin for wasting.

7-17 Submitted EDMR

7-29 Water sample bottle vessel check.

8-7 Shipped out ammonia test.

8-13 Cleaned Eff sampler and tubing.

8-15 Hilgers delivered 4 pounds of minnows for midge flies, this has been working very well.

DC Pest Control sprayed for wasps and spiders.

We meet with the salesman from AMS “Advanced Microbial Solutions” they have had a lot of success with removing organic sludge from lagoon systems but have yet to try their product in an extended air system such as ours. After several discussions with the salesman, and Brent we decided to conduct an experiment at our facility. We purchased one tote of their sludge removing bacteria, they gave us a second tote for trying it. We will be conducting several tests before and after including sludge characteristics tests on both sides. AMS is saying that their product will remove all of our organic sludge but even if it could reduce the amount, it would help greatly. We are excited to be part of this and could possibly change the future for a lot of plants including ours. We had the money in the budget and thought this would be a good opportunity to try it with our uncertain future for biosolids. There will plenty more information to follow.

Reporting from 6-1-2024 to 8-15-2024

Ephraim Well Water Testing

Number of Water Tests: 509	total for 2024 so far 946
In-House Bacteria: 481	913
Clean Water Testing: 28	33

Ephraim Septage Service:

Holding Tank Pump Outs: 29
Septic Pump Outs: 1

Emergency Call Ins:

Weather:

Precipitation: 10.17 inches rain
Max Temp: 85
Min Temp: 40

Respectfully submitted,
Brad Rasmusson

Village of Ephraim
Wastewater Manager

Compliance Maintenance Annual Report

Ephraim Wastewater Treatment Facility

Last Updated: Reporting For:
6/4/2024 2023

DNR Response to Resolution or Owner's Statement

Name of Governing
Body or Owner:

Village of Ephraim

Date of Resolution or
Action Taken:

2024-06-03

Resolution Number:

05-2024

Date of Submittal:

6/4/2024

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO SPECIFIC CMAR SECTIONS (Optional for grade A or B. Required for grade C, D, or F):

Influent Flow and Loadings: Grade = A

Permittee Response:

DNR Response:

Effluent Quality: BOD: Grade = A

Permittee Response:

DNR Response:

Effluent Quality: TSS: Grade = A

Permittee Response:

DNR Response:

Effluent Quality: Ammonia: Grade = A

Permittee Response:

DNR Response:

Effluent Quality: Phosphorus: Grade = A

Permittee Response:

DNR Response:

Biosolids Quality and Management: Grade = A

Permittee Response:

DNR Response:

Staffing: Grade = A

Compliance Maintenance Annual Report

Ephraim Wastewater Treatment Facility

Last Updated: Reporting For:
6/4/2024 2023

Permittee Response:	
DNR Response:	
<input type="text"/>	
Operator Certification: Grade = A	
Permittee Response:	
DNR Response:	
<input type="text"/>	
Financial Management: Grade = A	
Permittee Response:	
DNR Response:	
<input and="" assessment."="" associates="" facility="" for="" funds="" mcmahon="" to="" type="text" value="Great future planning. Question 3.3.1 should be answered no with an explanation. I think the explanation should be "/>	
Collection Systems: Grade = A (Regardless of grade, response required for Collection Systems if SSOs were reported)	
Permittee Response:	
DNR Response:	
<input type="text" value="The Department again recommends that a minimum of 20% per year sewer line televising of the sanitary sewer collection system to be completed. Great overall sewer maintenance program. The Department requests a current copy of the Ephraim WWTF CMOM"/>	
ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO THE OVERALL GRADE POINT AVERAGE AND ANY GENERAL COMMENTS (Optional for G.P.A. greater than or equal to 3.00, required for G.P.A. less than 3.00)	
G.P.A. = 4	
Permittee Response:	
DNR G.P.A. Response:	
<input type="text"/>	
DNR CMAR Overall Response:	
<input type="text" value="The Department requests a current copy of the Ephraim WWTF CMOM. Thank you for submitting and certifying the CMAR on time."/>	
DNR Reviewer: Haas, David	Phone: (920) 662-5401
Address: 2984 Shawano Ave, Green Bay, WI 54313-6727	Date: 7/30/2024

Wastewater

Brad's notes for 2025 Budget

57401-211 Property Insurance

I raised to \$7,500 because it cost \$7,334.00 in 2024.

57401-306 Phone

I raised \$400 because of slight overages in the last few years. This also includes internet and we might look at other options in the future.

57401-310 Vehicle Fuel

I left at \$2500 I believe the overages over the past couple of years were due to the maintenance department using the WW F-350 for daily garbage collection and flower watering in the summer.

57401-320 Training / Conferences

Lowered \$4000. This was raised last year to get Dan's CDL which we will be working on yet this fall.

57401-337 Auditing expense

I raised \$1500 due to \$1400 over in 2023 and \$1400 over to date in 2024.

57402-303 Electricity

I raised this \$ 3,000 due to the trend of going up roughly \$ 3,000 per year for the last several years.

57402-304 LP Gas

I raised \$1000 because of overages in 2023 & 2024.

57402-380 Chemicals Plant

I raised \$500 because of increasing costs and transportation in the last few years.

57402-383 Sludge Expense

I think this should be left at \$20,000 because of the uncertain future, Sturgeon Bay is not accepting sludge in the summer of 2025.

Well water testing

I didn't see any reasons to change the expenditure amounts here.

Rates

I think we should follow our accountant's advice and raise rates across the board except for well water test another 5%-10% so that we can meet inflation and also still contribute to the replacement fund. Last year we went up 7%.

2025 Village of Ephraim Budget

<i>Activity Description</i>	<i>Code</i>	<i>Description</i>	<i>Item. Breakdown</i>			<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>	<i>2025 Proposed Budget</i>	<i>Increase (Decrease)</i>	<i>2023 Actual</i>	<i>2022 Actual</i>	<i>2021 Actual</i>	<i>2020 Actual</i>	<i>2019 Actual</i>	<i>2018 Actual</i>	
	201-20	INCOME																	
Water Fund	46410	Water Test Revenue	Inc. water acct interest			\$ 36,100.00	\$ 36,100.00	\$ 36,100.00	\$ 36,100.00	\$ 36,100.00	\$ 36,100.00	\$ -		\$ 26,233	\$ 26,233	\$ 21,153	\$ 25,782	\$ 29,026	
Water Fund	49200	Transfers In - Other Funds - Water				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -							
		Total Revenue				\$ 36,100.00	\$ 36,100.00	\$ 36,100.00	\$ 36,100.00	\$ 36,100.00	\$ 36,100.00	\$ -						\$ 25,782	\$ 29,026
												\$ -							
	201-30-	EXPENSE										\$ -							
Water Fund/Water Tests	53700-110	Personnel Services				\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ -	\$ 1,000	\$ 1,000	\$ 1,000	\$ 698	\$ 1,000	
Water Fund/Water Tests	53700-210	Other Contractual Services	Pd to WW for testing			\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ -	\$ -	\$ 9,000	\$ 9,000	\$ 9,000	\$ 7,500	\$ 7,500	
Water Fund/Water Tests	53700-331	Postage				\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 481.41	\$ 564	\$ 564	\$ 478	\$ 698	\$ 960	
Water Fund/Water Tests	53700-335	Professional Dues/Expenses				\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ -	\$ 876.00					\$ 31	
Water Fund/Water Tests	53700-397	Water Testing Costs				\$ 12,800.00	\$ 12,800.00	\$ 12,800.00	\$ 12,800.00	\$ 12,800.00	\$ 12,800.00	\$ -	\$ 6,083.72	\$ 11,474	\$ 11,474	\$ 7,340	\$ 8,679	\$ 8,318	
Water Fund/Water Tests	53700-398	Water Testing Operations Exp				\$ 8,400.00	\$ 8,400.00	\$ 8,400.00	\$ 8,400.00	\$ 8,400.00	\$ 8,400.00	\$ -	\$ 10,482.83	\$ 7,528	\$ 7,528	\$ 2,180	\$ 2,635	\$ 7,888	
Water Fund/Water Tests	53700-400	Vehicle Replacement	Pd to WW/ vehicle replaement			\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ -							
		Total Expense				\$ 36,100.00	\$ 36,100.00	\$ 36,100.00	\$ 36,100.00	\$ 36,100.00	\$ 36,100.00	\$ -		\$ 29,566	\$ 29,566	\$ 19,998	\$ 20,210	\$ 25,697	

2023 Village of Ephraim Budget

Activity Description	Code	Description	Item. Breakdown				2020	2021	2022	2023	2024	Proposed 2025 Budget	Increase (Decrease)	2023 Actual	2022 Actual	2021 Actual	2020 Actual	2019 Actual	2018 Actual	
	610-30	INCOME																		
Wastewater Fund	41900	Misc Nonoperating Income/Tax				\$ 123,361	\$ 123,362	\$ 128,059	#REF!				\$ -			\$ 124,449	\$ 123,040	\$ 124,872	\$ 123,058	
Wastewater Fund	46410	Sewer Charges				\$ 333,000	\$ 333,000	\$ 333,000	\$ 352,027.00				\$ -			\$ 328,430	\$ 325,316	\$ 247,019	\$ 327,986	
Wastewater Fund	46411	Holding Tank/Septic Charges				\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000.00				\$ -			\$ 14,672	\$ 16,963	\$ 16,688	\$ 20,738	
Wastewater Fund	44900	Connect/HT Permit Fees				\$ -	\$ -	\$ -	\$ -				\$ -			\$ 3,900			\$ -	
Wastewater Fund	45190	0.045 Late Charge - Sewered Cus				\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500.00				\$ -			\$ 411	\$ 192	\$ 300	\$ 356	
Wastewater Fund	46730	Misc Rentals/Services	Grinder pump outs			\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000.00				\$ -						\$ -	
Wastewater Fund	48410	Water Test Labor Income	Pd from wellwater testing			\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000.00				\$ -			\$ 10,000	\$ 10,000		\$ 8,500	
Wastewater Fund	48400	Misc Income/Lawsuit Settlement	Inc. Interst on Investments			\$ 1,400	\$ 1,400	\$ 1,400	\$ 1,400.00				\$ -			\$ 365	\$ 2,883	\$ 7,520	\$ 5,812	
Wastewater Fund	49200	Transfers In - Other Funds - Wastewater				\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500.00				\$ -							
		Total Revenue				\$ 496,761	\$ 496,762	\$ 501,459	#REF!				\$ -			\$ 482,227	\$ 478,394	\$ 396,399	\$ 486,450	
		Total Revenue O&M				\$ 373,400	\$ 373,400	\$ 373,400	\$ 392,427.00				\$ -							
													\$ -							
	610-30-	EXPENSE											\$ -							
Wastewater Admin	57401-100	Salaries				\$ 117,738	\$ 121,775	\$ 130,050	\$ 146,855.53	\$ 148,201.38			\$ (148,201.38)	\$ 159,383.20	\$ 143,163.72	\$ 126,295	\$ 125,668	\$ 89,517	\$ 103,835	
Wastewater Admin	57401-101	SS/Med				\$ 9,007	\$ 9,316	\$ 9,949	\$ 11,234.45	\$ 11,337.41			\$ (11,337.41)	\$ 11,241.87	\$ 10,909.34	\$ 9,638	\$ 9,626	\$ 7,426	\$ 8,045	
Wastewater Admin	57401-102	Retirement				\$ 7,947	\$ 8,220	\$ 8,778	\$ 9,986.18	\$ 10,077.69			\$ (10,077.69)	\$ 10,573.98	\$ 8,942.77	\$ 8,500	\$ 8,489	\$ 5,867	\$ 7,045	
Wastewater Admin	57401-103	Health Insurance				\$ 44,694	\$ 38,931	\$ 37,780	\$ 39,883.76	\$ 41,140.31			\$ (41,140.31)	\$ 42,019.67	\$ 37,712.45	\$ 38,120	\$ 34,936	\$ 25,651	\$ 34,687	
Wastewater Admin	57401-104	Disability Insurance				\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000.00	\$ 2,000.00			\$ (2,000.00)	\$ 2,043.62	\$ 1,766.60	\$ 1,890	\$ 1,594	\$ 1,499	\$ 1,608	
Wastewater Admin	57401-105	Workers Compensation				\$ 5,473	\$ 7,879	\$ 8,414	\$ 9,610.63	\$ 9,024.86			\$ (9,024.86)	\$ 9,711.00	\$ 9,063.00	\$ 8,041	\$ 5,532	\$ 4,450	\$ 4,293	
Wastewater Admin	57401-107	Supplemental Insurance				\$ -	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -				\$ -	
Wastewater Admin	57401-109	Overtime Wages				\$ 3,500	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ 2,228	\$ 4,933	\$ 2,153		
Wastewater Admin	57401-110	Personnel Services				\$ -	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -				\$ 13,784	
Wastewater Admin	57401-200	Legal Fees				\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ -	\$ -				\$ 297	
Wastewater Admin	57401-211	Property Insurance				\$ 3,649	\$ 3,941	\$ 3,941	\$ 6,800.00	\$ 7,468.66	\$ 7,500.00	\$ 7,500.00	\$ 31.34	\$ 6,832.00	\$ 6,286.75	\$ 6,002	\$ 6,310	\$ 3,248	\$ 3,249	
Wastewater Admin	57401-306	Phone	Inc. Internet			\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000.00	\$ 3,600.00	\$ 4,000.00	\$ 4,000.00	\$ 400.00	\$ 4,059.90	\$ 3,432.88	\$ 3,704	\$ 3,553	\$ 3,516	\$ 3,429	
Wastewater Admin	57401-309	Internet				\$ -	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -				\$ 20	
Wastewater Admin	57401-310	Vehicle Fuel	All three vehicles			\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ -	\$ 2,751.38	\$ 3,226.73	\$ 1,827	\$ 1,383	\$ 1,426	\$ 1,715	
Wastewater Admin	57401-311	Vehicle Maintenance	Inc. Pumper Truck Maint			\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ -	\$ 3,980.65	\$ 2,980.05	\$ 1,949	\$ 1,074	\$ 1,835	\$ 3,861	
Wastewater Admin	57401-312	Cellphones				\$ 600	\$ 600	\$ 600	\$ 600.00	\$ 600.00	\$ 600.00	\$ 600.00	\$ -	\$ 1,295.25	\$ 540.00	\$ 390	\$ 360	\$ 405	\$ 791	
Wastewater Admin	57401-320	Training/Conferences				\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000.00	\$ 8,000.00	\$ 4,000.00	\$ 4,000.00	\$ (4,000.00)	\$ 1,027.69	\$ 1,744.83	\$ 780	\$ 1,025	\$ 659	\$ 2,534	
Wastewater Admin	57401-331	Postage				\$ 500	\$ 500	\$ 500	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ -	\$ 9.90	\$ 246.33	\$ 45	\$ 108	\$ 404	\$ 368	
Wastewater Admin	57401-333	Office Supplies/Expenses				\$ -	\$ -	\$ -	\$ -	\$ 250.00	\$ 250.00	\$ 250.00	\$ -	\$ 58.40	\$ 449.00	\$ 68	\$ 28	\$ 39	\$ 165	
Wastewater Admin	57401-334	Computer Supplies/Expenses	3825			\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ -	\$ 1,275.01	\$ 158.40	\$ 996	\$ 982	\$ 937	\$ 787	
Wastewater Admin	57401-335	Professional Dues/Expenses				\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ -	\$ 5,227.53	\$ 2,726.37	\$ 3,551	\$ 2,375	\$ 2,614	\$ 2,192	
Wastewater Admin	57401-337	Auditing Expenses				\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500.00	\$ 5,000.00	\$ 6,500.00	\$ 6,500.00	\$ 1,500.00	\$ 7,860.00	\$ 4,138.37	\$ 4,500	\$ 4,413	\$ 4,400	\$ 4,009	
Wastewater Admin	57401-340	Vehicle Insurance				\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,572.89	\$ 1,620.35	\$ 1,620.35	\$ 1,620.35	\$ -	\$ 1,594.00	\$ 1,560.00	\$ 1,520	\$ 1,460	\$ 1,514	\$ 1,090	
Wastewater Admin	57401-343	Contingency				\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ -	\$ 232.77	\$ 201.98	\$ 134		\$ 111	\$ 27	
Wastewater Admin	57401-344	Uniforms				\$ 450	\$ 450	\$ 450	\$ 450.00	\$ 450.00	\$ 450.00	\$ 450.00	\$ -	\$ 209.57	\$ 111.15	\$ 28	\$ 155	\$ 220	\$ 190	
Wastewater Admin	57401-387	Grounds Maintenance				\$ 500	\$ 500	\$ 500	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ -	\$ 605.89	\$ 324.62		\$ 469	\$ 40	\$ 74	
Wastewater Admin	57401-389	Safety Expenses				\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 1,899.12	\$ 1,002.09	\$ 561	\$ 888	\$ 920	\$ 813	

Wastewater (610-30)

2023 Village of Ephraim Budget

Activity Description	Code	Description	Item. Breakdown	2020	2021	2022	2023	2024	Proposed 2025 Budget	Increase (Decrease)	2023 Actual	2022 Actual	2021 Actual	2020 Actual	2019 Actual	2018 Actual
Wastewater Operatio	57402-210	Other Contractual Services		\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ -	\$ 4,034.25	\$ 2,151.49	\$ 3,235	\$ 2,819	\$ 1,446	\$ 1,693
Wastewater Operatio	57402-303	Electricity / Generator fuel	Inc. Backup Generator Fuel	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000.00	\$ 27,000.00	\$ 30,000.00	\$ 3,000.00	\$ 30,214.63	\$ 25,152.20	\$ 22,670	\$ 23,325	\$ 20,482	\$ 24,267
Wastewater Operatio	57402-304	LP Gas		\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000.00	\$ 1,500.00	\$ 2,500.00	\$ 1,000.00	\$ 2,707.00	\$ 438.09	\$ 531	\$ 1,375	\$ 34	\$ 708
Wastewater Operatio	57402-351	Hardware/Tools	Inc. Other Operating Supplies	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300.00	\$ 1,300.00	\$ 1,300.00	\$ -	\$ 1,512.14	\$ 402.48	\$ 217	\$ 100	\$ 552	\$ 738
Wastewater Operatio	57402-380	Chemicals Plant		\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000.00	\$ 9,000.00	\$ 9,500.00	\$ 500.00	\$ 8,342.44	\$ 13,510.21	\$ 3,140	\$ 6,773	\$ 6,189	\$ 7,153
Wastewater Operatio	57402-381	Chemicals Lab		\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000.00	\$ 3,000.00	\$ 3,000.00	\$ -	\$ 1,695.02	\$ 3,048.88	\$ 2,637	\$ 1,700	\$ 1,340	\$ 1,552
Wastewater Operatio	57402-382	Lab Equipment & Repair		\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ -	\$ 1,958.35	\$ 797.00	\$ 718	\$ 1,075	\$ 215	\$ 1,749
Wastewater Operatio	57402-383	Sludge Expense		\$ 12,000	\$ 12,000	\$ 12,000	\$ 16,000.00	\$ 20,000.00	\$ 20,000.00	\$ -	\$ 16,210.83	\$ 18,660.71	\$ 19,278	\$ 12,183	\$ 12,491	\$ 13,061
Wastewater Operatio	57402-385	Plant Equipment & Repair		\$ 7,500	\$ 7,500	\$ 7,500	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ -	\$ 8,413.71	\$ 17,159.29	\$ 15,077	\$ 9,565	\$ 6,916	\$ 7,442
Wastewater Operatio	57402-386	Odor Control		\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600.00	\$ 2,600.00	\$ 2,600.00	\$ -	\$ 1,696.31	\$ 1,350.47	\$ 1,771		\$ 1,227	\$ 1,650
Wastewater Operatio	57402-390	UV Plant Disinfection		\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00	\$ -	\$ 49.76	\$ -	\$ 4,480	\$ 2,420	\$ 3,532	\$ 4,164
Wastewater Operatio	57402-810	Equipment Outlay	Plant Improvemnts	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ -	\$ 14,730.00	\$ 1,780.00	\$ 5,264	\$ 2,363	\$ 3,015	\$ 3,110
Wastewater Collectio	57403-303	Electricity	Inc. Backup Generator Fuel	\$ 7,200	\$ 7,200	\$ 7,200	\$ 7,200.00	\$ 7,200.00	\$ 7,200.00	\$ -	\$ 7,238.72	\$ 7,363.76	\$ 5,585	\$ 6,992	\$ 6,296	\$ 5,652
Wastewater Collectio	57403-304	LP Gas Lift 1 generator		\$ 800	\$ 800	\$ 800	\$ 800.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ -	\$ 1,620.62	\$ 1,140	\$ 245	\$ 863	\$ 275
Wastewater Collectio	57403-384	Collection System Maint		\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500.00	\$ 12,500.00	\$ 12,500.00	\$ -	\$ 20,937.38	\$ 53,507.37	\$ 38,299	\$ 7,432	\$ 5,126	\$ 8,730
Wastewater Collectio	57403-810	Equipment Outlay		\$ 6,441	\$ 6,888	\$ -	\$ -			\$ -	\$ -	\$ -	\$ 25,392	\$ 17,129	\$ 11,957	\$ 2,432
Wastewater Replacer	57404-810	Equipment Outlay	Money to Replacement Fund	\$ 50,000	\$ 50,000	\$ 48,037	\$ 35,033.56	\$ 10,698.33		\$ (10,698.33)	\$ 890.00	\$ 4,043.56	\$ 1,989	\$ 17,042	\$ 14,202	\$ 24,661
Wastewater Replacer	57404-820	Bldg Improvement Outlay		\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ 1,303.83				\$ -
Wastewater Replacer	57404-830	Other Improvement Outlay		\$ -	\$ -	\$ -	\$ -			\$ -	\$ 113.36	\$ -				\$ -
		Total Expense		\$ 373,400	\$ 373,400	\$ 373,400	\$ 392,427.00	\$ 387,068.99		\$ (387,068.99)			\$ 369,962	\$ 325,194	\$ 257,514	\$ 310,098
		Subtotal without replacemet:		\$ 366,959	\$ 366,512	\$ 373,400	\$ 392,427.00									
							\$ 357,393.44									

Wastewater (610-30)