

DEPARTMENT

WATER UTILITY
FUND 71

Program Description

The Water Utility is responsible for the day to day operation and maintenance of the Village's wells, towers, services, distribution system, and the metering and billing of all customers. Drawing its water supply from three groundwater wells, two of which, have an iron removal filter. The Slinger Water Utility water system also consists of two elevated storage tanks, one ground level storage tank, one supply pumping station, one booster station, two pressure reducing valve (PRV) stations, and approximately 31 miles of distribution water mains. The water system is separated into three pressure zones to meet the service needs of the customers.

In 2022, the Utility pumped approximately 151 million gallons of water (2 million less than in 2021) and can provide a maximum short-term pumping capacity of approximately 1,100 gallons per minute (gpm).

Improvements identified in the 2017 water study will be the priorities for this year and future budgets.

1. Adding an additional high capacity well.
2. Additional 250,000 gallons of water storage.
3. Provide 12" water main from Well 5 to State Highway 175
4. Provide 8" water main from Stoney Ln. to Cedar Bluffs subdivision.
5. Convert meter reading to AMI.

Staff requested a Public Service Commission Simplified Rate Case, and a 4.5% increase was approved effective January 2, 2023. The last rate increase was in 2011.

2022 Accomplishments

- Completed water main extension for Breuer Park.
- Working with Municipal Well and Pump to finalize the exact location for Well #7.
- Continued the meter replacement, cross connection, hydrant flushing, valve exercising, curb stop repairs, and Wisconsin DNR testing and reporting requirements.
- Completed exterior inspection of both water towers.
- Began work on removing all valve extensions remaining in our system.

- Worked with Strand Engineering in regards to attaining both EPA and WDNR permits and licensing for Well #7.

2023 Objectives

- Complete the design and advertise bid Well 7.
- Complete a water study for the new developments along Hwy 41.
- Continue the meter replacement, cross connection, meter, hydrant flushing, valve exercising, curb stop repairs, and Wisconsin DRN testing and reporting requirements.
- Continue populating data and incorporate it in GIS mapping.
- Investigate and create an AMI meter reading plan/schedule.
- Replace the roof over Well #3 reservoir.
- Begin work on WDNR requirement to collect all pipe material information on its water customers.
- Develop a plan to finance and remove lead water piping based on information gathered on pipe material.

Staffing

Position	FTE (Full-Time Equivalent)
Utility Operator	2

Salary and Wage Distributions

The Utility Operators’ wages range from \$56,930 to \$63,586 annually. Wage amounts are divided between “Pumping Labor Expense”, which covers 50%, and “Distribution Operations Labor”, which covers 50%. These categories were set up to correspond with reporting requirements established by the Public Services Commission (PSC).

In addition to the staff assigned to this department, the Water Utility pays 30% of the Administrator’s salary, 20% of the Engineer’s salary, and 30% of the Utilities Superintendent salary under “Admin & General Salaries”. The department also funds 20% of the Treasurer/Deputy Clerk’s salary and 10% of the Deputy Treasurer’s wages under “Accounting & Collect Labor.”

Account Detail

46410-460 – Private Fire Protection Sales: This is a charge received from customers who utilize private fire protection systems such as automatic sprinkler systems. The charge is based on the customer's connection size and is a flat monthly rate since the fire protection system itself is an unmetered service.

46410-463 – Public Fire Protection Sales: This is an amount determined by the PSC to cover the use of mains and hydrants used for public fire protection purposes. Half of this amount is paid by the General Fund from levy revenue and half is paid by customers as part of their monthly bill.

46411-454 – Rent of Property: The utility receives an annual rental fee from Verizon for placement of their antenna on one of the utility's water towers. There is also rent received from the Sewer Utility for shared use of meters.

53710-605 – Maintenance of Source: This amount covers required testing of the Village wells.

53720-625 – Maintenance of Pumps: This item covers pump repair and generator maintenance costs.

53740-650 – Maintenance of Reservoirs: This expense is for a maintenance agreement that includes a portion that will be set aside towards the next repainting of a water tower.

53740-651 – Maintenance of Mains: This item is for repairs for any water main breaks and to replace valves as needed. The cost of Diggers Hot Line service also comes out of this category.

53740-654 – Maintenance of Hydrants: This category includes hydrant repairs, parts and replacements.

53740-655 – Maintenance of Other Plant: This cost is for alarms, radios and other equipment that is not specifically pumping or distribution-related.

53740-678 – Maintenance SCADA & Mapping: This account tracks the cost of operating and maintaining the Utility's SCADA (Supervisory Control and Data Acquisition) and mapping systems.

53770-921 – Central Services & Building: This category pays the utility's Central Services fee for administrative support and office and storage space.

53770-923 – Outside Services: This item includes the cost of the utility's annual audit and miscellaneous engineering services.

53770-928 – Regulatory Commission Expense: This account is used to cover the fees associated with a rate case application with the Public Services Commission.

53770-933 – Central Equipment Expense: This category includes the fee paid to the Central Equipment fund for the use of municipal-owned vehicles.

**PROPOSED 2023 BUDGET
WATER UTILITY FUND 71 - REVENUES**

	2021 ACTUAL	2022 ACTUAL	PROJECTED	2022	2023	
	12/31/2021	7/31/2022	YEAR-END	AMENDED	PROPOSED	% CHANGE
				BUDGET	BUDGET	
710-46410-000-440 RESIDENTIAL SALES	489,864.16	244,763.80	489,527.60	530,000.00	565,084.00	6.62%
710-46410-000-441 MULTI-FAMILY	7,201.88	2,701.15	5,402.30	15,000.00	15,675.00	4.50%
710-46410-000-442 COMMERCIAL SALES	119,435.55	55,867.60	111,735.20	130,000.00	129,162.00	-0.64%
710-46410-000-443 INDUSTRIAL SALES	9,766.21	4,153.82	8,307.64	15,000.00	10,764.00	-28.24%
710-46410-000-460 UNMETERED SALES	21,361.96	21,836.83	43,673.66	15,000.00	20,600.00	37.33%
710-46410-000-462 PRIVATE FIRE PROTECTION SALES	22,117.17	11,715.90	23,431.80	25,000.00	25,750.00	3.00%
710-46410-000-463 PUBLIC FIRE PROTECTION SALES	393,763.51	113,798.09	417,296.18	410,000.00	432,600.00	5.51%
710-46410-000-464 PUBLIC AUTHORITY SALES	38,438.80	15,738.93	31,477.86	25,000.00	37,672.00	50.69%
710-46411-000-420 WATER SPECIAL FUND INTEREST	163.04	91.61	157.05	-	-	0.00%
710-46411-000-450 FORFEITED DISCOUNTS	1,982.15	1,485.45	2,546.49	5,000.00	5,000.00	0.00%
710-46411-000-454 RENT OF PROPERTY	35,287.16	-	37,000.00	36,000.00	37,000.00	2.78%
710-46411-000-456 OTHER OPERATING REVENUES	5,653.56	178.46	305.93	8,000.00	5,000.00	-37.50%
710-46412-000-419 WATER INTEREST INCOME	16,236.06	7,652.78	13,119.05	13,000.00	13,000.00	0.00%
710-48125-000-000 GAIN ON INVESTMENTS	-	-	-	-	-	0.00%
710-48130-000-000 UNREALIZED GAIN ON INVESTMEN	(16,725.24)	(29,874.09)	(51,212.73)	-	-	0.00%
770-49230-000-000 TRANSFER FROM RESERVES	-	-	61,464.00	61,464.00	46,309.00	100.00%
TOTAL FUND REVENUE	1,144,545.97	450,110.33	1,194,232.03	1,288,464.00	1,343,616.00	4.28%

**PROPOSED 2023 BUDGET
WATER UTILITY FUND 71 - EXPENDITURES**

	2021 ACTUAL	2022 ACTUAL	PROJECTED	2022	2023	
	12/31/2021	7/31/2022	YEAR-END	AMENDED	PROPOSED	% CHANGE
				BUDGET	BUDGET	
710-53710-000-605 MAINTENANCE OF SOURCE	2,328.54	2,017.39	3,458.38	5,000.00	5,000.00	0.00%
710-53720-000-620 PUMPING LABOR EXPENSE	62,854.42	35,171.15	60,293.40	64,993.60	64,994.00	0.00%
710-53720-000-621 PUMPING POWER EXPENSE	51,646.39	22,547.64	38,653.10	55,000.00	50,000.00	-9.09%
710-53720-000-623 PUMPING OPS SUPP & EXP	230.43	1,331.29	2,282.21	8,000.00	8,000.00	0.00%
710-53720-000-625 PUMPING MAINT. OF PUMPS	7,909.52	6,840.27	11,726.18	8,000.00	8,000.00	0.00%
710-53730-000-631 WATER TREATMENT CHEMICALS	25,644.95	14,239.97	24,411.38	32,000.00	40,000.00	25.00%
710-53740-000-640 DISTRIBUTION OPERATIONS LABOR	63,694.47	35,216.09	60,370.44	61,312.00	61,312.00	0.00%
710-53740-000-641 DISTR OPERATION SUPPLIES	2,669.67	2,302.87	3,947.78	8,000.00	8,000.00	0.00%
710-53740-000-650 MAINT OF RESERVOIRS	47,171.84	19,925.97	34,158.81	55,000.00	65,000.00	18.18%
710-53740-000-651 MAINTENANCE OF MAINS	29,244.59	2,416.52	4,142.61	25,000.00	20,000.00	-20.00%
710-53740-000-652 MAINT OF SERVICES	37,180.03	9,788.00	16,779.43	30,000.00	20,000.00	-33.33%
710-53740-000-653 MAINT OF METERS	15,773.06	2,356.35	4,039.46	30,000.00	25,000.00	-16.67%
710-53740-000-654 MAINT OF HYDRANTS	8,482.00	-	8,000.00	15,000.00	8,000.00	-46.67%
710-53740-000-655 MAINT OF OTHER PLANT	2,163.90	-	5,000.00	5,000.00	5,000.00	0.00%
710-53740-000-678 MAINT OF SCADA & MAPPING	12,646.58	12,315.76	21,112.73	20,000.00	21,000.00	5.00%
710-53750-000-903 CUSTOMER ACCOUNT SUPPLIES	5,212.85	4,600.64	7,886.81	7,000.00	10,000.00	42.86%
710-53750-000-904 UNCOLLECTIBLE ACCTS	-	-	-	-	-	0.00%
710-53770-000-920 ADMIN. & GENERAL SALARIES	96,816.89	49,591.61	85,014.19	93,786.34	93,786.00	0.00%
710-53770-000-921 CENTRAL SERVICES & BUILDING	50,484.00	38,537.25	51,383.00	51,383.00	59,589.00	15.97%
710-53770-000-923 OUTSIDE SERVICES	7,493.19	3,827.67	6,561.72	6,000.00	30,000.00	400.00%
710-53770-000-924 PROPERTY INSURANCE	5,395.81	-	4,251.71	4,251.71	4,677.00	10.00%
710-53770-000-925 INJURIES & DAMAGES INS	10,791.63	-	8,503.41	8,503.41	9,354.00	10.00%
710-53770-000-926 EMPLOYEE BENEFITS	50,718.62	42,955.82	73,638.55	75,999.53	81,168.00	6.80%
710-53770-000-928 REG COMM EXPENSE	2,839.91	1,174.05	2,012.66	2,000.00	2,000.00	0.00%
710-53770-000-930 SAFETY & TRAINING	3,385.46	2,763.27	4,737.03	5,000.00	5,000.00	0.00%
710-53770-000-933 CENTRAL EQUIPMENT EXPENSE	66,812.00	56,259.00	75,012.00	75,012.00	92,673.00	23.54%
710-53780-000-403 DEPRECIATION EXPENSE	285,366.06	306,867.00	306,867.00	291,334.00	306,867.00	5.33%
710-53780-000-408 TAXES - PAYROLL	18,081.19	9,347.11	16,023.62	16,718.20	16,718.00	0.00%
710-53780-000-409 TAXES - PROPERTY	160,862.73	-	164,641.00	164,641.00	162,606.00	-1.24%
710-53780-000-427 INTEREST EXPENSE	57,289.16	19,500.00	33,428.57	58,425.00	55,875.00	-4.36%
710-53780-000-439 APPR OF INC TO MUNC	15,921.50	-	15,922.00	15,922.00	3,997.00	-74.90%
TOTAL FUND EXPENDITURES	1,207,111.39	701,892.69	1,154,259.18	1,298,281.79	1,343,616.00	3.49%

NET REVENUE OVER EXPENDITURES (62,565.42) (251,782.36) 39,972.85 (9,817.79) (0.00)