

WATER & WASTEWATER

Department: Water and Wastewater Utility

Program Managers: Water Utility Superintendent
Wastewater Utility Superintendent

General Program Description:

The Utility Department is responsible for water and wastewater services.

Department Motto: "Providing Safe and Reliable Water and Wastewater Service"

Products & Services:

- Operation and maintenance of wastewater collection system and treatment facility.
- Operation and maintenance of water pumping and treatment facilities and distribution system.
- Review engineering plans for new or replacement systems.
- Oversight of construction of new facilities and replacement and repair of existing facilities.
- Install, repair, replace, and read meters.
- Provide and maintain fire hydrants.
- Landscape, pavement, and exterior building maintenance and repairs.
- Investigate complaints: Loss of water pressure, high water usage, and sanitary sewer backups.
- Maintain compliance with State and Federal rules applying to public water supply systems and sewer discharges to surface waters.
- Repair damaged facilities: Water main breaks, broken hydrants, collapsed or blocked sewers.
- Provide reciprocal mutual aid support with Public Works Department and neighboring communities during times of emergency.

Staffing:

1.00	Water Utility Superintendent
1.00	Wastewater Utility Superintendent
1.00	Utility Foreman
2.00	Operator/Laborers
1.00	Seasonal Help

2018 Accomplishments:

1. Completed all testing of the water system on or before due dates.
2. Completed all testing of the wastewater system on or before due dates.
3. Continued industrial testing and billing for wastewater.
4. Painted piping throughout the water and wastewater facilities.
5. Continued work on electronic regulatory reporting.
6. HydroCorp continued cross connection inspections Village-wide.
7. Hauled and land applied sludge.
8. Grouted several leaking manholes. Spray lined 8 bad manholes.
9. Installed new sludge polymer system (mixing valve).
10. Completed SCADA upgrades for water & wastewater.
11. GPS new utility coordinates for water & wastewater - updated mapping.
12. Worked on Phosphorus Preliminary Compliance Alternative Plan.
13. Cut many trees down at the WWTP (done in-house).

14. Inspected ionic tanks and monitors. Investigated pulling old diesel tank out.
15. Performed lab bench-testing for phosphorus removal and sludge de-watering.
16. Cleaned the east interceptor behind the EVS dealership.
17. Replaced/repaired hydrants.
18. Cleaned and inspected all four well reservoirs.
19. Cleaned and inspected lift stations.
20. Cleaned sewers and televised laterals for leaks.
21. Continued employee education and training.
22. Purchased safety equipment.
23. Made landscaping repairs around wastewater plant and wells.
24. Worked on construction of Well #6, punch list items, etc.
25. Tested all commercial and industrial meters in the Village - water.
26. Slip-lined portion of North Mill Street.
27. Continued to work with Jeneil Biotech on their discharge and pretreatment plans.
28. Currently working with Dept. of Natural Resources and Jeneil Biotech on enforcement and future design so that an illegal discharge does not happen again.
29. Updated sanitary manholes and numbered all in the Village; integrated into the GIS.
30. Rebuilt North Mill Street lift station pumps and repainted.
31. Replaced WWTP generator.
32. Pilot tested Phosphorus Removal System filters - performed well.
33. Painted exterior of Dekora Woods Blvd Water Tower; did spot repair on dry interior.
34. Completed mechanical rehab of Well #1 (pump, piping, transducer, mag meter).
35. Replaced pressure relief at Well #3.
36. Extended water main into Charter Steel. They then looped their water system and installed another meter vault.
37. Potential last quarter upgrade to the Meter Reading Program. Current system is becoming outdated. Special package price on equipment/meters runs until the end of 2018 (\$25,000).

2019 Objectives:

1. Continuation of the Village's Vision, Mission, and Strategic Priorities throughout the Utility operations.
2. Continue to restructure the department to provide more ownership of operations throughout and improve operational efficiency where possible.
3. Investigate opportunities with other communities to better serve the Village's utility needs.
4. Continue cross-training employees and working on operator certifications.
5. Continue to provide a safe working environment and safety training.
6. Continue to provide high quality services to the Village's customers.
7. Continue to respond to all requests and emergencies in a timely professional manner.
8. Continue Cross Connection Control Program for the water system.
9. Continue GIS enhancement efforts and Digger's Hotline locates.
10. Review holding tank and septic waste disposal fees.
11. Continue with Well #6 punch list.
12. Continue with phosphorus removal ideas.
13. Continue employee training.
14. Begin engineering for re-hab of standpipe (wet interior with a mixer).

Additional Comments:

As with 2018, fee increases and new programs from the State of Wisconsin continue to increase. Yearly raw material cost increases have also impacted the bottom line. The Wastewater Utility is focusing on scheduled and preventative maintenance to continue to replace older operational systems without borrowing. The Wastewater Utility continues to run a lean operation throughout the Utility Department.

2019 VILLAGE OF SAUKVILLE WATER UTILITY

BUDGET NOTES

Revenue:

Residential, Commercial, and Industrial usage is based on the 2018 revenues. We will be conservative on our estimated revenue from our water customers. Delinquent payments have been increasing forfeited discounts and this trend is not anticipated to end anytime in the near future.

Expenses:

Well #6 is progressing. We continue to hold operational expenses level, however our aging facilities and infrastructures, along with increasing material costs, becomes more challenging each year.

Capital:

- Priority 1: Put \$15,000 away for the purchase of a new dump truck in 2020.
- Priority 2: Paint wet interior of standpipe in Quade Park. Add a mixer for better overall water quality (\$200,000). 2019 Borrowing or existing funds (CIP Plan).
- Priority 3: Replace 2014 Kubota lawn mower with a 2019 model- \$8,750 Water/Wastewater.
- Priority 4: Water Meter Replacement Account, \$30,000. Keep budgeting money for meter replacement starting in approximately 2023.
- Priority 5: Complete mechanical rehab of Well #5 (booster pumps, deep well pump, acidize well).

Additional Comments:

- As with 2018, fee increases and new program requirements from the State of Wisconsin, as well as raw material costs, continue to increase.
- The Water Utility continues to run a lean, efficient operation.
- Increased account #86250 by \$60,000 for complete mechanical rehab of Well #5 pumping station (booster pumps, deep well pump).

ACCT NUMBER	DESCRIPTION	2015 BUDGET	2015 ACTUAL	2016 BUDGET	2016 ACTUAL	2017 BUDGET	2017 ACTUAL	2018 BUDGET	2018 PROJECTED	2019 BUDGET
84190-000	INTEREST INCOME	8,000.00	8,670.00	9,000.00	10,243.00	10,200.00	18,217.00	12,000.00	20,000.00	25,000.00
	NON-OPERATING REVENUE	8,000.00	8,670.00	9,000.00	10,243.00	10,200.00	18,217.00	12,000.00	20,000.00	25,000.00
84611-000	METERED SALES-RES	296,100.00	271,059.00	328,030.00	310,799.00	375,000.00	315,640.00	325,000.00	320,000.00	320,000.00
84612-000	METERED SALES-COM	97,650.00	70,960.00	83,020.00	92,671.00	100,000.00	95,435.00	100,000.00	100,000.00	100,000.00
84613-000	METERED SALES-IND	558,723.00	447,138.00	551,510.00	545,383.00	600,000.00	533,344.00	550,000.00	500,000.00	525,000.00
84614-000	METERED SALES-MULTI RES	11,929.00	21,485.00	26,850.00	25,401.00	32,000.00	26,774.00	30,000.00	30,000.00	30,000.00
84630-000	PUBLIC FIRE PROTECTION	289,852.00	280,333.00	326,200.00	280,127.00	280,000.00	283,818.00	280,000.00	295,000.00	298,000.00
84640-000	OTHER SALES-PUBLIC AUTH	4,095.00	3,469.00	4,910.00	4,251.00	4,400.00	4,839.00	4,000.00	4,000.00	4,000.00
	SALE OF WATER	1,258,349.00	1,094,444.00	1,320,520.00	1,258,632.00	1,391,400.00	1,259,850.00	1,289,000.00	1,249,000.00	1,277,000.00
84700-000	FORFEITED DISCOUNTS	7,000.00	3,409.00	7,000.00	5,710.00	6,500.00	5,504.00	6,000.00	5,520.00	5,600.00
84710-000	MISC. SERVICE REVENUES	400.00	65.00	500.00	500.00	500.00	722.00	500.00	500.00	500.00
84720-000	OTHER REVENUE	30,000.00	35,469.00	36,350.00	31,900.00	32,000.00	34,365.00	28,000.00	30,000.00	32,000.00
81830-000	SPECIAL ASSMT RECEIVABLE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OTHER REVENUES	37,400.00	38,943.00	43,850.00	38,110.00	39,000.00	40,591.00	34,500.00	36,020.00	38,100.00
TOTAL WATER UTILITY REVENUES		1,303,749.00	1,142,057.00	1,373,370.00	1,306,985.00	1,440,600.00	1,318,658.00	1,335,500.00	1,305,020.00	1,340,100.00
		6.1428%		5.3401%		4.8953%		-7.2956%		0.3444%

**Note: Per GASB 34 - "Change in Net Assets"

ACCT NUMBER	DESCRIPTION	2015 BUDGET	2015 ACTUAL	2016 BUDGET	2016 ACTUAL	2017 BUDGET	2017 ACTUAL	2018 BUDGET	2018 PROJECTED	2019 BUDGET
84030-390	DEPRECIATION EXPENSE	255,000.00	255,000.00	265,000.00	284,877.00	265,000.00	288,634.00	270,000.00	270,000.00	275,000.00
84080-390	PROPERTY TAXES	165,000.00	165,000.00	165,000.00	165,000.00	165,000.00	165,000.00	165,000.00	165,000.00	170,000.00
84270-390	INTEREST/LONG TERM DEBT	120,000.00	120,000.00	110,000.00	110,000.00	110,000.00	110,000.00	110,000.00	110,000.00	94,586.00
84280-390	AMORTIZED EXPENSE									
	OTHER OPERATING EXP	540,000.00	540,000.00	540,000.00	559,877.00	540,000.00	563,634.00	545,000.00	545,000.00	539,586.00
86000-110	OPERATION LABOR	52,150.00	52,150.00	65,000.00	69,220.00	69,000.00	70,408.00	72,220.00	75,000.00	75,000.00
86020-310	OPERATION SUPPLIES	8,100.00	8,100.00	7,500.00	798.00	7,500.00	763.00	7,500.00	7,500.00	7,500.00
86050-390	MAINT WATER PLANT	9,000.00	9,000.00	8,500.00	1,467.00	8,500.00	3,739.00	8,500.00	8,500.00	8,500.00
	SOURCE OF PLANT	69,250.00	69,250.00	81,000.00	71,485.00	85,000.00	74,910.00	88,220.00	91,000.00	91,000.00
86200-110	OPERATION LABOR	15,300.00	15,300.00	22,500.00	24,081.00	27,500.00	23,084.00	27,500.00	27,500.00	27,500.00
86210-220	FUEL - POWER PRODUCTION *	112,360.00	112,360.00	110,000.00	90,418.00	115,000.00	109,308.00	115,000.00	115,000.00	125,000.00
86220-220	FUEL PURCH - PUMPING	1,500.00	1,500.00	1,500.00	1,250.00	1,500.00	816.00	1,250.00	1,100.00	1,250.00
86230-310	OPERATION SUPPLIES	3,000.00	3,000.00	3,500.00	4,294.00	5,000.00	4,018.00	5,000.00	5,000.00	5,000.00
86250-390	MAINT OF PLANT	45,000.00	45,000.00	75,000.00	11,790.00	75,000.00	60,903.00	135,000.00	135,000.00	135,000.00
	PUMPING EXPENSE	177,160.00	177,160.00	212,500.00	131,833.00	224,000.00	198,129.00	283,750.00	283,600.00	293,750.00
86310-390	CHEMICALS	20,000.00	20,000.00	20,000.00	12,718.00	16,000.00	23,760.00	15,000.00	15,000.00	17,000.00
	WATER TREATMENT EXP	20,000.00	20,000.00	20,000.00	12,718.00	16,000.00	23,760.00	15,000.00	15,000.00	17,000.00
86400-110	OPERATION LABOR	11,000.00	11,000.00	17,000.00	19,837.00	22,000.00	15,426.00	20,000.00	20,000.00	20,000.00
86410-310	OPERATION SUPPLIES	2,000.00	2,000.00	2,500.00	1,591.00	2,300.00	1,574.00	2,000.00	2,000.00	2,000.00
86500-110	MAINTENANCE STANDPIPE	9,000.00	9,000.00	44,500.00	37,500.00	8,000.00	9,380.00	8,000.00	8,000.00	8,000.00
86510-110	MAINTENANCE MAINS	35,000.00	35,000.00	35,000.00	48,470.00	42,000.00	39,279.00	45,000.00	45,000.00	45,000.00
86520-110	MAINTENANCE SERVICES (CC Prog)	32,000.00	32,000.00	34,000.00	23,659.00	34,000.00	31,687.00	35,000.00	35,000.00	38,000.00
86530-110	MAINTENANCE METERS	10,000.00	10,000.00	4,000.00	3,640.00	5,500.00	3,994.00	6,000.00	6,000.00	6,000.00
86540-110	MAINTENANCE HYDRANTS	11,500.00	11,500.00	11,500.00	14,083.00	13,000.00	13,189.00	13,000.00	13,000.00	13,000.00
	TRANSMIT & DISTRIBUTE	110,500.00	110,500.00	148,500.00	148,780.00	126,800.00	114,529.00	129,000.00	129,000.00	132,000.00
89010-110	METER READING LABOR	2,000.00	2,000.00	2,000.00	1,034.00	2,800.00	679.00	2,000.00	2,000.00	2,500.00
89020-110	ACCOUNT & COLLECT	22,000.00	22,000.00	22,000.00	27,144.00	24,000.00	24,679.00	25,590.00	25,590.00	26,000.00
89030-310	SUPPLIES & EXPENSES	5,000.00	5,000.00	5,000.00	4,805.00	6,500.00	4,303.00	6,500.00	6,000.00	6,500.00
	CUSTOMER ACCTS EXP	29,000.00	29,000.00	29,000.00	32,983.00	33,300.00	29,661.00	34,090.00	33,590.00	35,000.00

ACCT NUMBER	DESCRIPTION	2015 BUDGET	2015 ACTUAL	2016 BUDGET	2016 ACTUAL	2017 BUDGET	2017 ACTUAL	2018 BUDGET	2018 PROJECTED	2019 BUDGET
89200-110	ADMINISTRATION	34,516.00	34,516.00	37,116.00	19,871.00	20,000.00	20,463.00	20,400.00	20,400.00	21,000.00
89231-390	ACCOUNTING	6,000.00	6,000.00	6,000.00	5,800.00	6,500.00	5,900.00	6,600.00	6,000.00	6,000.00
89232-390	ENGINEERING	15,000.00	5,000.00	15,000.00	0.00	15,000.00	500.00	5,000.00	3,500.00	5,000.00
89233-390	LEGAL	1,000.00	0.00	0.00	0.00	0.00	472.00	0.00	0.00	1,000.00
89240-390	INSURANCE	26,000.00	26,000.00	27,000.00	32,511.00	28,000.00	31,877.00	31,000.00	30,000.00	31,000.00
89260-110	HOLIDAY/PTO	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	12,000.00	10,000.00	11,000.00	11,500.00
89261-111	SOCIAL SECURITY	12,925.00	12,925.00	12,925.00	12,925.00	12,925.00	12,925.00	13,250.00	13,250.00	13,500.00
89262-132	WISCONSIN RETIREMENT	10,300.00	10,300.00	10,300.00	10,300.00	10,300.00	10,300.00	10,600.00	10,600.00	10,800.00
89263-133	HEALTH INSURANCE	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00	45,700.00	45,600.00	46,500.00
89264-134	DISABILITY/LIFE INSURANCE	1,200.00	1,200.00	1,400.00	1,400.00	1,400.00	1,400.00	1,600.00	1,600.00	1,700.00
89266-390	TRAINING	2,500.00	2,500.00	2,500.00	2,000.00	2,000.00	319.00	2,000.00	2,000.00	2,000.00
89280-390	REG COMMISSION EXP	9,000.00	9,000.00	9,000.00	9,000.00	9,500.00	1,371.00	9,500.00	8,000.00	9,500.00
89300-390	MISCELLANEOUS GENERAL	12,500.00	12,500.00	12,500.00	9,161.00	12,500.00	5,807.00	12,500.00	12,500.00	13,000.00
89330-110	TRANSPORTATION EXP	16,227.00	16,227.00	6,000.00	7,814.00	8,000.00	9,262.00	8,000.00	8,000.00	8,000.00
	OTHER OPERATING EXP	202,168.00	191,168.00	194,741.00	165,782.00	181,125.00	157,596.00	176,150.00	172,450.00	180,500.00
	TOTAL OPERATING EXP	1,148,078.00	1,137,078.00	1,225,741.00	1,123,458.00	1,206,225.00	1,162,219.00	1,271,210.00	1,269,640.00	1,288,836.00
	Percentage change	1.3490%	2.5238%	0.0670%	0.0360%	-1.5922%	3.4502%	5.3875%	9.2428%	1.3866%
	OPERATING REVENUES IN EXCESS (DEFICIENCY) OF OPERATING EXPENSES	155,671.00	128,069.00	147,629.00	183,527.00	234,375.00	156,439.00	64,290.00	35,380.00	51,264.00

ACCT NUMBER	DESCRIPTION	2015 BUDGET	2015 ACTUAL	2016 BUDGET	2016 ACTUAL	2017 BUDGET	2017 ACTUAL	2018 BUDGET	2018 PROJECTED	2019 BUDGET
CAPITAL OUTLAY										
81501-000	FIRE HYDRANT REPLACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
81502-000	WATER METER REPLACE	5,000.00	5,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00
81503-000	WATER VALVE REPLACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
81504-000	RADIO PURCHASE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
83460-000	METER PURCHASES	0.00	0.00	3,000.00	3,000.00	16,000.00	0.00	3,000.00	3,000.00	5,000.00
81507-000	ROOF REPAIRS - WELL 1	6,000.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00	10,000.00
81528-000	CRANE TRUCK	0.00	0.00	27,500.00	27,500.00	0.00	0.00	0.00	0.00	0.00
81529-000	WELL REHAB	30,000.00	30,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
81532-000	TRUCK (Equip Replacement Fund)	10,000.00	10,000.00	10,000.00	10,000.00	13,000.00	13,000.00	15,000.00	15,000.00	15,000.00
81533-000	LAWN MOWER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,750.00
81535-000	TLR MTD PRESSURE WASHER	0.00	0.00	4,500.00	3,954.00	0.00	0.00	0.00	0.00	0.00
81536-000	BRUSH HOG	2,000.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
81537-000	TOWER REHAB	7,500.00	7,500.00	0.00	0.00	50,000.00	50,000.00	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY		60,500.00	60,500.00	75,000.00	74,454.00	109,000.00	93,000.00	48,000.00	48,000.00	68,750.00

* Increase in Fuel - Well #6

DEBT SERVICE										
82211-000	1980 REVENUE BOND	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	40,000.00	40,000.00	40,000.00
82215-000	2010 GO NOTES	75,000.00	75,000.00	85,000.00	85,000.00	85,000.00	85,000.00	35,000.00	35,000.00	35,000.00
82216-000	2006 REVENUE BONDS	140,000.00	140,000.00	145,000.00	145,000.00	135,000.00	135,000.00	130,000.00	130,000.00	130,000.00
82218-000	2011 REFUNDING	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	25,000.00	25,000.00	30,000.00
	2012/2017 GO BONDS	75,000.00	75,000.00	75,000.00	75,000.00	80,000.00	80,000.00	235,000.00	235,000.00	235,000.00
TOTAL DEBT SERVICE		405,000.00	405,000.00	430,000.00	430,000.00	410,000.00	410,000.00	465,000.00	465,000.00	470,000.00

TOTAL CAPITAL BUDGET & DEBT SERVICE	465,500.00	465,500.00	505,000.00	504,454.00	519,000.00	503,000.00	513,000.00	513,000.00	538,750.00
	7.1346%		8.4855%		2.7723%		-1.1561%		5.0195%

TOTAL OPERATING/CAPITAL & DEBT SERVICE BUDGETS					1,725,225.00	1,665,219.00	1,784,210.00	1,782,640.00	1,827,586.00
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RETAINED EARNINGS USED TO BALANCE BUDGET					284,625.00	346,561.00	448,710.00	477,620.00	487,486.00
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ACCT NUMBER	DESCRIPTION	2015 BUDGET	2015 ACTUAL	2016 BUDGET	2016 ACTUAL	2017 BUDGET	2017 ACTUAL	2018 BUDGET	2018 PROJECTED	2019 BUDGET
	OPERATING REVENUES	1,303,749.00	1,265,147.00	1,280,650.00	1,306,985.00	1,391,400.00	1,318,658.00	1,335,500.00	1,305,020.00	1,340,100.00
	OPERATING EXPENSES	(1,148,078.00)	(1,137,078.00)	(1,223,141.00)	(1,123,458.00)	(1,206,225.00)	(1,162,219.00)	(1,271,210.00)	(1,269,640.00)	(1,288,836.00)
	ADD: DEPRECIATION	255,000.00	255,000.00	265,000.00	284,877.00	265,000.00	288,634.00	270,000.00	270,000.00	275,000.00
	ADD: AMORTIZED EXPENSE	0.00	0.00	0.00	19,163.00	0.00	0.00	0.00	0.00	0.00
	CASH PROVIDED BY OPERATIONS	410,671.00	383,069.00	322,509.00	487,567.00	450,175.00	445,073.00	334,290.00	305,380.00	326,264.00
	CAPITAL OUTLAY	60,500.00	60,500.00	75,000.00	74,454.00	100,000.00	77,625.00	48,000.00	48,000.00	68,750.00
	PRINCIPAL RETIREMENT	405,000.00	405,000.00	430,000.00	430,000.00	410,000.00	410,000.00	465,000.00	465,000.00	470,000.00
	CASH USED FOR CAPITAL PURPOSES	465,500.00	465,500.00	505,000.00	504,454.00	510,000.00	487,625.00	513,000.00	513,000.00	538,750.00
	CASH PROVIDED (USED)	-54,829.00	-82,431.00	-182,491.00	-16,887.00	-59,825.00	-42,552.00	-178,710.00	-207,620.00	-212,486.00
	CASH BALANCE - BEGINNING	1,289,422.00	1,234,593.00	1,206,991.00	1,024,500.00	1,007,613.00	947,788.00	905,236.00	726,526.00	518,906.00
	CASH BALANCE - ENDING	1,234,593.00	1,206,991.00	1,024,500.00	1,007,613.00	947,788.00	905,236.00	726,526.00	518,906.00	306,420.00



2019 Capital Request Justification Form

Department: Water

Check One: New or Replacement

Priority Number (Must Provide Ranking): 1

Item: Dump Truck

Purpose of Item: Replace 2003 Dump Truck

Expected Useful Life: 10-15 yrs.

Vendor Name	Number & Description of Units	Estimated Cost
Freightliner	New Dump Truck for Wastewater & Water Dept.	\$15,000 to put away for 2020 purchase

Note: Quotes/Support Documentation must be submitted

Trade-In: Yes No Trade-In Value: _____ Year Purchased: _____

Anticipated Annual Maintenance Cost of the Item: _____

Explain Why This Item is Requested in This Fiscal Year:
 In an effort to cash fund a 2020 dump truck.
 We will put money away in 2019 for a 2020 purchase.

Personnel Impact:

Number of Persons Required to Operate: _____ Estimated Training Cost (If Applicable): _____

Would This Item Result in an Increase in Man Hours in the Department? (Give Estimate):
 No



2019 Capital Request Justification Form

Department: Water

Check One: New or Replacement Rehab

Priority Number (Must Provide Ranking): 2

Item: Standpipe

Purpose of Item: Store/Convey Water to the Village

Expected Useful Life: 20 yrs.

Vendor Name	Number & Description of Units	Estimated Cost
Lane Tank (contractor)		\$150,000
Dixon Engineering (engineering firm)		\$50,000
		Total: \$200,000

Note: Quotes/Support Documentation must be submitted

Trade-In: Yes No Trade-In Value: _____ Year Purchased: _____

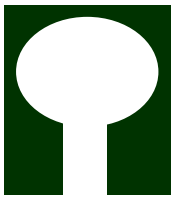
Anticipated Annual Maintenance Cost of the Item: _____

Explain Why This Item is Requested in This Fiscal Year:
 The interior coating of the standpipe is compromised from the winter of 2013-14.

Personnel Impact:

Number of Persons Required to Operate: _____ Estimated Training Cost (If Applicable): _____

Would This Item Result in an Increase in Man Hours in the Department? (Give Estimate):



DIXON
ENGINEERING, INC.

4811 S. 76th St. Suite 108
Greenfield, WI 53220
Telephone (414) 529-1859
Fax (414) 282-7830

September 21, 2018

Dale Kropidlowski
Village of Saukville
1600 Cottontail Lane
Saukville, WI 53080

Re: Revised Engineer's Estimate, 550,000 Gallon Standpipe, Interior Wet Rehabilitation

Dear Dale,

On the next page you find our revised engineer's estimate for the above referenced tank.



Engineer's Estimate

Wet Interior – SSPC SP 10 Near White Metal Blast + 3 coats of NSF coating w/ DH	\$120,000
Install new frost free roof vent (Current vent is not in compliance with WIS DNR Rules))	6,000
Modify Overflow Discharge to Wis DNR Compliance	3,000
Install fill pipe deflector plate	1,000
Install Water Mixer (Optional)	25,000
Sub Total	155,000
Engineering, Contingencies and Inspection	25,000
Total	\$180,000

Please feel to give me a call should you any questions regarding the engineer's estimate.

For Dixon Engineering, Inc.

James Orr
Project Manager – NACE Inspector



2019 Capital Request Justification Form

Department: Water

Check One: New or Replacement

Priority Number (Must Provide Ranking): 3

Item: 2014 Kubota Lawn Mower

Purpose of Item: Cut grass around Utility owned buildings

Expected Useful Life: 5 yrs.

Vendor Name	Number & Description of Units	Estimated Cost
Lochens	1 Kubota Lawn Mower	\$8,750

Note: Quotes/Support Documentation must be submitted

Trade-In: Yes No Trade-In Value: will put on auction site Year Purchased: _____

Anticipated Annual Maintenance Cost of the Item: \$500

Explain Why This Item is Requested in This Fiscal Year:
To replace the current 2014 Kubota lawn mower that currently has 970 hours on it.

Personnel Impact:

Number of Persons Required to Operate: 1 Estimated Training Cost (If Applicable): N/A

Would This Item Result in an Increase in Man Hours in the Department? (Give Estimate):
No

John P. Lochen Co., Inc.

Matt Falkner

512 Franklin Street PO Box 110

Newburg, WI 53060-0110

(262) 675-6565 / (262) 483-1226 (mobile)

email: mfalkner@lochenequipment.com

EQUIPMENT QUOTE

Customer Name
Address
City, State, Zip
Phone Number
Date:

Village of Saukville

6/13/18

Fax 262-284-1801

Steve 262-424-3428

Equipment Description:

Kubota Otum diesel

ZD 1211L-72 72"

Hopper Grapes Catcher

GCK72-ZD1211L

2 G 8103 weights

ZD 5972 chute control

All For:

16,900

Trade In Description

Value:

\$

Cash or Finance Balance

\$

Quote Offered By:

Matt Falkner



2019 Capital Request Justification Form

Department: Water

Check One: New or Replacement

Priority Number (Must Provide Ranking): 4

Item: Water Meter Replacements

Purpose of Item: Record customer water usage

Expected Useful Life: 20 yrs.

Vendor Name	Number & Description of Units	Estimated Cost
Core and Main	Water Meters	\$30,000

Note: Quotes/Support Documentation must be submitted

Trade-In: Yes No Trade-In Value: _____ Year Purchased: _____

Anticipated Annual Maintenance Cost of the Item: _____

Explain Why This Item is Requested in This Fiscal Year:
 To continue to put \$30,000 in this account in an effort to cash fund when we upgrade the meters/system. Current balance is \$95,000.

Personnel Impact:

Number of Persons Required to Operate: _____ Estimated Training Cost (If Applicable): _____

Would This Item Result in an Increase in Man Hours in the Department? (Give Estimate):
 No



Formerly HD Supply Waterworks

Bid Proposal for Saukville - Sensus Meter Special

SAUKVILLE WATER DEPT
Job Location: Saukville, WI
Bid Date: 12/12/2017 12:00 p.m.
Core & Main Bid #: 479293

Core & Main
15655 West Rogers Dr
New Berlin, WI 53151
Phone: 262-786-5186
Fax: 262-786-4240

Seq#	Qty	Description	Units	Price	Ext Price
10	1	VGB	EA	25,000.00	25,000.00
20	1	FL6502-GB SENSUS HHD DEVICE 539075376502GB	EA	N/C	N/C
30	1	SOFTWARE	EA	N/C	N/C
40	24	IPERL METER	NS	N/C	N/C
50	24	510M RADIO	EA	N/C	N/C
70		SPECIAL OFFER			
80		PER SENSUS			
				SUBTOTAL	25,000.00
				Sub Total	25,000.00
				Tax	0.00
				Total	25,000.00



2019 Capital Request Justification Form

Department: Water

Check One: New or Replacement Rehab

Priority Number (Must Provide Ranking): 5

Item: Well #5

Purpose of Item: Pump water to the Village

Expected Useful Life: 7 yrs.

Vendor Name	Number & Description of Units	Estimated Cost
Municipal Well/Pump	Complete mechanical rehab	\$60,000
	of pump house	
	(booster pumps, deep well pump,	
	acidize well)	

Note: Quotes/Support Documentation must be submitted

Trade-In: Yes No Trade-In Value: _____ Year Purchased: _____

Anticipated Annual Maintenance Cost of the Item: _____

Explain Why This Item is Requested in This Fiscal Year:
 To keep Well #5 in good working order. To prevent potential breakdown (maintenance).

Personnel Impact:

Number of Persons Required to Operate: _____ Estimated Training Cost (If Applicable): _____

Would This Item Result in an Increase in Man Hours in the Department? (Give Estimate):
 No