

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

2019 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 bad manholes.
9. Pilot tested new PAC 1997 Phosphorous chemical.
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.
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. Replaced all old piping with stainless steel piping and check checked valves; new lift station covers at Hwy 33 bridge lift station.
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. Replaced some asphalt at Well #5 and at WWTP.
27. Continued to work with Jeneil Biotech on their discharge and pretreatment plans. Jeneil started up new plant in July - Staff is working on a new permit for them.
28. Updated sanitary manholes and numbered all in the Village; integrated into the GIS.
29. Rebuilt some large oxidation ditch valves.
30. Traveled to Alabama to investigate Aqua Aerobic filters for phosphorous removal.
31. Updated reuse system for belt press.
32. Painted interior of standpipe in Quade Park and installed mixer.
33. Replaced gate opener at WWTP.
34. Worked with new potential GIS provider.
35. Replaced several doors at WWTP.
36. Worked with DNR to get more fields approved for sludge hauling. Also approved for landfill of hauling sludge from Orchard Ridge.

2020 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. Work with Ruekert & Mielke to finish up Well #6 interior.
12. Continue with phosphorus removal ideas.
13. Continue employee training.

Additional Comments:

As with 2019, 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.

**2020 VILLAGE OF SAUKVILLE
WATER UTILITY
BUDGET NOTES**

Revenue:

Residential, Commercial, and Industrial usage is based on the 2019 revenues, plus a 3% PSC increase. 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 nearly finished. We continue to hold operational expenses level, however our aging facilities and infrastructures, along with increasing material costs, becomes more challenging each year.

Increase account #89300 by \$7,000 due to GIS system conversion and implementation project. The new GIS platform will allow for easier internal/external access. This has numerous capabilities such as real time field updates, making it more cost effective to make updates to the system while keeping costs down.

Capital:

Priority 1: \$15,000 into acct. #81532 for the purchase of a new dump truck in 2020.

Priority 2: Increase acct. #86530, Maintenance of Meters, to \$10,000 due to aging water meters

Priority 3: Water Meter Replacement Account, \$30,000. Keep budgeting money for meter replacement starting in approximately 2023.

Priority 4: Extend water main west of Fire Dept. to west lot line - \$25,000

Additional Comments:

- As with 2019, 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.
- Complete mechanical rehab of Well #5 pumping station (booster pumps, deep well pump), with use of 2015 Borrowing (Well #6 Proceeds).

ACCT NUMBER	DESCRIPTION	2016 BUDGET	2016 ACTUAL	2017 BUDGET	2017 ACTUAL	2018 BUDGET	2018 ACTUAL	2019 BUDGET	2019 PROJECTED	2020 BUDGET
84190-000	INTEREST INCOME	9,000.00	10,243.00	10,200.00	18,217.00	12,000.00	29,733.00	25,000.00	35,000.00	35,000.00
	NON-OPERATING REVENUE	9,000.00	10,243.00	10,200.00	18,217.00	12,000.00	29,733.00	25,000.00	35,000.00	35,000.00
84611-000	METERED SALES-RES	328,030.00	310,799.00	375,000.00	315,640.00	325,000.00	314,229.00	320,000.00	310,000.00	330,000.00
84612-000	METERED SALES-COM	83,020.00	92,671.00	100,000.00	95,435.00	100,000.00	99,098.00	100,000.00	100,000.00	103,000.00
84613-000	METERED SALES-IND	551,510.00	545,383.00	600,000.00	533,344.00	550,000.00	504,034.00	525,000.00	480,000.00	495,000.00
84614-000	METERED SALES-MULTI RES	26,850.00	25,401.00	32,000.00	26,774.00	30,000.00	26,810.00	30,000.00	27,000.00	27,500.00
84630-000	PUBLIC FIRE PROTECTION	326,200.00	280,127.00	280,000.00	283,818.00	280,000.00	297,337.00	298,000.00	298,000.00	307,000.00
84640-000	OTHER SALES-PUBLIC AUTH	4,910.00	4,251.00	4,400.00	4,839.00	4,000.00	4,241.00	4,000.00	4,500.00	4,120.00
	SALE OF WATER	1,320,520.00	1,258,632.00	1,391,400.00	1,259,850.00	1,289,000.00	1,245,749.00	1,277,000.00	1,219,500.00	1,266,620.00
84700-000	FORFEITED DISCOUNTS	7,000.00	5,710.00	6,500.00	5,504.00	6,000.00	5,402.00	5,600.00	5,700.00	5,600.00
84710-000	MISC. SERVICE REVENUES	500.00	500.00	500.00	722.00	500.00	90.00	500.00	500.00	500.00
84720-000	OTHER REVENUE	36,350.00	31,900.00	32,000.00	34,365.00	28,000.00	54,643.00	32,000.00	40,000.00	36,000.00
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	43,850.00	38,110.00	39,000.00	40,591.00	34,500.00	60,135.00	38,100.00	46,200.00	42,100.00
TOTAL WATER UTILITY REVENUES		1,373,370.00	1,306,985.00	1,440,600.00	1,318,658.00	1,335,500.00	1,335,617.00	1,340,100.00	1,300,700.00	1,343,720.00
		5.3401%		4.8953%		-7.2956%		0.3444%	-2.6143%	0.2701%

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

ACCT NUMBER	DESCRIPTION	2016 BUDGET	2016 ACTUAL	2017 BUDGET	2017 ACTUAL	2018 BUDGET	2018 ACTUAL	2019 BUDGET	2019 PROJECTED	2020 BUDGET
84030-390	DEPRECIATION EXPENSE	265,000.00	284,877.00	265,000.00	288,634.00	270,000.00	323,069.00	275,000.00	290,000.00	290,000.00
84080-390	PROPERTY TAXES	165,000.00	165,000.00	165,000.00	165,000.00	165,000.00	165,000.00	170,000.00	180,000.00	185,000.00
84270-390	INTEREST/LONG TERM DEBT	110,000.00	110,000.00	110,000.00	110,000.00	110,000.00	110,000.00	94,586.00	94,586.00	90,851.00
84280-390	AMORTIZED EXPENSE									
	OTHER OPERATING EXP	540,000.00	559,877.00	540,000.00	563,634.00	545,000.00	598,069.00	539,586.00	564,586.00	565,851.00
86000-110	OPERATION LABOR	65,000.00	69,220.00	69,000.00	70,408.00	72,220.00	70,211.00	75,000.00	72,000.00	76,000.00
86020-310	OPERATION SUPPLIES	7,500.00	798.00	7,500.00	763.00	7,500.00	852.00	7,500.00	7,000.00	7,500.00
86050-390	MAINT WATER PLANT	8,500.00	1,467.00	8,500.00	3,739.00	8,500.00	7,276.00	8,500.00	8,000.00	8,500.00
	SOURCE OF PLANT	81,000.00	71,485.00	85,000.00	74,910.00	88,220.00	78,339.00	91,000.00	87,000.00	92,000.00
86200-110	OPERATION LABOR	22,500.00	24,081.00	27,500.00	23,084.00	27,500.00	24,435.00	27,500.00	25,000.00	28,500.00
86210-220	FUEL - POWER PRODUCTION *	110,000.00	90,418.00	115,000.00	109,308.00	115,000.00	87,887.00	125,000.00	75,000.00	105,000.00
86220-220	FUEL PURCH - PUMPING	1,500.00	1,250.00	1,500.00	816.00	1,250.00	608.00	1,250.00	1,250.00	1,500.00
86230-310	OPERATION SUPPLIES	3,500.00	4,294.00	5,000.00	4,018.00	5,000.00	4,794.00	5,000.00	5,000.00	5,000.00
86250-390	MAINT OF PLANT	75,000.00	11,790.00	75,000.00	60,903.00	135,000.00	2,588.00	135,000.00	125,000.00	125,000.00
	PUMPING EXPENSE	212,500.00	131,833.00	224,000.00	198,129.00	283,750.00	120,312.00	293,750.00	231,250.00	265,000.00
86310-390	CHEMICALS	20,000.00	12,718.00	16,000.00	23,760.00	15,000.00	20,262.00	17,000.00	13,000.00	17,000.00
	WATER TREATMENT EXP	20,000.00	12,718.00	16,000.00	23,760.00	15,000.00	20,262.00	17,000.00	13,000.00	17,000.00
86400-110	OPERATION LABOR	17,000.00	19,837.00	22,000.00	15,426.00	20,000.00	14,586.00	20,000.00	17,000.00	20,000.00
86410-310	OPERATION SUPPLIES	2,500.00	1,591.00	2,300.00	1,574.00	2,000.00	1,575.00	2,000.00	2,000.00	2,000.00
86500-110	MAINTENANCE STANDPIPE	44,500.00	37,500.00	8,000.00	9,380.00	8,000.00	131,644.00	8,000.00	8,000.00	8,000.00
86510-110	MAINTENANCE MAINS	35,000.00	48,470.00	42,000.00	39,279.00	45,000.00	20,161.00	45,000.00	40,000.00	45,000.00
86520-110	MAINTENANCE SERVICES (CC Prog)	34,000.00	23,659.00	34,000.00	31,687.00	35,000.00	32,445.00	38,000.00	35,000.00	38,000.00
86530-110	MAINTENANCE METERS	4,000.00	3,640.00	5,500.00	3,994.00	6,000.00	3,209.00	6,000.00	5,000.00	10,000.00
86540-110	MAINTENANCE HYDRANTS	11,500.00	14,083.00	13,000.00	13,189.00	13,000.00	6,566.00	13,000.00	11,000.00	13,000.00
	TRANSMIT & DISTRIBUTE	148,500.00	148,780.00	126,800.00	114,529.00	129,000.00	210,186.00	132,000.00	118,000.00	136,000.00
89010-110	METER READING LABOR	2,000.00	1,034.00	2,800.00	679.00	2,000.00	879.00	2,500.00	2,000.00	2,000.00
89020-110	ACCOUNT & COLLECT	22,000.00	27,144.00	24,000.00	24,679.00	25,590.00	29,783.00	26,000.00	20,000.00	26,000.00
89030-310	SUPPLIES & EXPENSES	5,000.00	4,805.00	6,500.00	4,303.00	6,500.00	4,537.00	6,500.00	6,000.00	6,500.00
	CUSTOMER ACCTS EXP	29,000.00	32,983.00	33,300.00	29,661.00	34,090.00	35,199.00	35,000.00	28,000.00	34,500.00

ACCT NUMBER	DESCRIPTION	2016 BUDGET	2016 ACTUAL	2017 BUDGET	2017 ACTUAL	2018 BUDGET	2018 ACTUAL	2019 BUDGET	2019 PROJECTED	2020 BUDGET
89200-110	ADMINISTRATION	37,116.00	19,871.00	20,000.00	20,463.00	20,400.00	20,887.00	21,000.00	20,000.00	28,000.00
89231-390	ACCOUNTING	6,000.00	5,800.00	6,500.00	5,900.00	6,600.00	6,218.00	6,000.00	6,000.00	6,000.00
89232-390	ENGINEERING	15,000.00	0.00	15,000.00	500.00	5,000.00	1,960.00	5,000.00	4,000.00	5,000.00
89233-390	LEGAL	0.00	0.00	0.00	472.00	0.00	0.00	1,000.00	1,000.00	1,000.00
89240-390	INSURANCE	27,000.00	32,511.00	28,000.00	31,877.00	31,000.00	28,004.00	31,000.00	30,000.00	32,000.00
89260-110	HOLIDAY/PTO	10,000.00	10,000.00	10,000.00	12,000.00	10,000.00	13,000.00	11,500.00	11,000.00	12,000.00
89261-111	SOCIAL SECURITY	12,925.00	12,925.00	12,925.00	12,925.00	13,250.00	13,597.00	13,500.00	12,000.00	14,000.00
89262-132	WISCONSIN RETIREMENT	10,300.00	10,300.00	10,300.00	10,300.00	10,600.00	10,555.00	10,800.00	10,600.00	11,500.00
89263-133	HEALTH INSURANCE	45,000.00	45,000.00	45,000.00	45,000.00	45,700.00	43,587.00	46,500.00	46,000.00	50,000.00
89264-134	DISABILITY/LIFE INSURANCE	1,400.00	1,400.00	1,400.00	1,400.00	1,600.00	1,258.00	1,700.00	1,650.00	1,800.00
89266-390	TRAINING	2,500.00	2,000.00	2,000.00	319.00	2,000.00	1,905.00	2,000.00	2,000.00	2,000.00
89280-390	REG COMMISSION EXP	9,000.00	9,000.00	9,500.00	1,371.00	9,500.00	1,304.00	9,500.00	9,000.00	9,500.00
89300-390	MISCELLANEOUS GENERAL	12,500.00	9,161.00	12,500.00	5,807.00	12,500.00	6,231.00	13,000.00	12,000.00	20,000.00
89330-110	TRANSPORTATION EXP	6,000.00	7,814.00	8,000.00	9,262.00	8,000.00	10,186.00	8,000.00	7,500.00	8,000.00
	OTHER OPERATING EXP	194,741.00	165,782.00	181,125.00	157,596.00	176,150.00	158,692.00	180,500.00	172,750.00	200,800.00
	TOTAL OPERATING EXP	1,225,741.00	1,123,458.00	1,206,225.00	1,162,219.00	1,271,210.00	1,221,059.00	1,288,836.00	1,214,586.00	1,311,151.00
	Percentage change	0.0670%	0.0360%	-1.5922%	3.4502%	5.3875%	5.0627%	1.3866%	-0.5301%	1.7314%
	OPERATING REVENUES IN EXCESS (DEFICIENCY) OF OPERATING EXPENSES	147,629.00	183,527.00	234,375.00	156,439.00	64,290.00	114,558.00	51,264.00	51,264.00	32,569.00

ACCT NUMBER	DESCRIPTION	2016 BUDGET	2016 ACTUAL	2017 BUDGET	2017 ACTUAL	2018 BUDGET	2018 ACTUAL	2019 BUDGET	2019 PROJECTED	2020 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	30,000.00	30,000.00	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	3,000.00	3,000.00	16,000.00	0.00	3,000.00	3,000.00	5,000.00	5,000.00	5,000.00
81507-000	ROOF REPAIRS - WELL 1	0.00	0.00	0.00	0.00	0.00	0.00	10,000.00	10,000.00	0.00
81528-000	CRANE TRUCK	27,500.00	27,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
81529-000	WELL REHAB	0.00	0.00	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	13,000.00	13,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
81533-000	LAWNMOWER	0.00	0.00	0.00	0.00	0.00	0.00	8,750.00	8,750.00	0.00
81535-000	TLR MTD PRESSURE WASHER	4,500.00	3,954.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
81536-000	BRUSH HOG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
81537-000	TOWER REHAB	0.00	0.00	50,000.00	50,000.00	0.00	0.00	0.00	0.00	0.00
81538-000	HWY 33 WATERMAIN EXTENSION									25,000.00
TOTAL CAPITAL OUTLAY		75,000.00	74,454.00	109,000.00	93,000.00	48,000.00	48,000.00	68,750.00	68,750.00	75,000.00

DEBT SERVICE										
82211-000	1980 REVENUE BOND	15,000.00	15,000.00	15,000.00	15,000.00	40,000.00	40,000.00	40,000.00	40,000.00	0.00
82215-000	2010 GO NOTES	85,000.00	85,000.00	85,000.00	85,000.00	35,000.00	35,000.00	35,000.00	35,000.00	0.00
82216-000	2006 REVENUE BONDS	145,000.00	145,000.00	135,000.00	135,000.00	130,000.00	130,000.00	130,000.00	130,000.00	140,000.00
82218-000	2011 REFUNDING	30,000.00	30,000.00	30,000.00	30,000.00	25,000.00	25,000.00	30,000.00	30,000.00	30,000.00
	2012/2017 GO BONDS	75,000.00	75,000.00	80,000.00	80,000.00	235,000.00	235,000.00	235,000.00	235,000.00	235,000.00
TOTAL DEBT SERVICE		430,000.00	430,000.00	410,000.00	410,000.00	465,000.00	465,000.00	470,000.00	470,000.00	405,000.00

TOTAL CAPITAL BUDGET & DEBT SERVICE	505,000.00	504,454.00	519,000.00	503,000.00	513,000.00	513,000.00	538,750.00	538,750.00	480,000.00
	8.4855%		2.7723%		-1.1561%		5.0195%		-10.9049%

TOTAL OPERATING/CAPITAL & DEBT SERVICE BUDGETS			1,725,225.00	1,665,219.00	1,784,210.00	1,734,059.00	1,827,586.00	1,753,336.00	1,791,151.00
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RETAINED EARNINGS USED TO BALANCE BUDGET			284,625.00	346,561.00	448,710.00	398,442.00	487,486.00	452,636.00	447,431.00
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ACCT NUMBER	DESCRIPTION	2016 BUDGET	2016 ACTUAL	2017 BUDGET	2017 ACTUAL	2018 BUDGET	2018 ACTUAL	2019 BUDGET	2019 PROJECTED	2020 BUDGET
	OPERATING REVENUES	1,280,650.00	1,306,985.00	1,391,400.00	1,318,658.00	1,335,500.00	1,335,617.00	1,340,100.00	1,300,700.00	1,343,720.00
	OPERATING EXPENSES	(1,223,141.00)	(1,123,458.00)	(1,206,225.00)	(1,162,219.00)	(1,271,210.00)	(1,221,059.00)	(1,288,836.00)	(1,214,586.00)	(1,311,151.00)
	ADD: DEPRECIATION	265,000.00	284,877.00	265,000.00	288,634.00	270,000.00	270,000.00	275,000.00	290,000.00	290,000.00
	ADD: AMORTIZED EXPENSE	0.00	19,163.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CASH PROVIDED BY OPERATIONS	322,509.00	487,567.00	450,175.00	445,073.00	334,290.00	384,558.00	326,264.00	376,114.00	322,569.00
	CAPITAL OUTLAY	75,000.00	74,454.00	100,000.00	77,625.00	48,000.00	48,000.00	68,750.00	68,750.00	75,000.00
	PRINCIPAL RETIREMENT	430,000.00	430,000.00	410,000.00	410,000.00	465,000.00	465,000.00	470,000.00	470,000.00	405,000.00
	CASH USED FOR CAPITAL PURPOSES	505,000.00	504,454.00	510,000.00	487,625.00	513,000.00	513,000.00	538,750.00	538,750.00	480,000.00
	CASH PROVIDED (USED)	-182,491.00	-16,887.00	-59,825.00	-42,552.00	-178,710.00	-207,620.00	-212,486.00	-162,636.00	-157,431.00
	CASH BALANCE - BEGINNING	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	143,784.00
	CASH BALANCE - ENDING	1,024,500.00	1,007,613.00	947,788.00	905,236.00	726,526.00	518,906.00	306,420.00	143,784.00	-13,647.00



2020 Capital Request Justification Form

Department: Water

Check One: New or Replacement

Priority Number (Must Provide Ranking): 1

Item: 2020 Freightliner 114 SD

Purpose of Item: Haul sludge, spoils, etc.

Expected Useful Life: 20 yrs.

Vendor Name	Number & Description of Units	Estimated Cost
Truck Country	Chassis	\$15,000
Truck Equipment Inc.	Box DH 15	

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:

Proposed Payment Method: WW: \$30,000 (\$15,000 in 2019 and 2020 budgets)
Water: \$30,000 (\$15,000 in 2019 and 2020 budgets)
\$40,000 - Resale of old dump truck
\$55,000 - split between W/WW out of surplus account

Current dump truck is 17 years old.

Personnel Impact:

Number of Persons Required to Operate: 1 Estimated Training Cost (If Applicable): included

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

No



2020 Capital Request Justification Form

Department: Water

Check One: New or Replacement

Priority Number (Must Provide Ranking): 2

Item: Water Meter Replacement Parts

Purpose of Item: Continue to operate meters

Expected Useful Life: 10 yrs. on battery

Vendor Name	Number & Description of Units	Estimated Cost
Core and Main	12	\$10,000

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 maintain proper operation of non-household water meters.

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



2020 Capital Request Justification Form

Department: Water

Check One: New or Replacement

Priority Number (Must Provide Ranking): 3

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 replace/upgrade meters in approximately 2023. Current balance is \$100,000.

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



2020 Capital Request Justification Form

Department: Water

Check One: New or Replacement

Priority Number (Must Provide Ranking): 4

Item: Extend Water Main

Purpose of Item: Extend Water Main per agreement with owner of 550 W. Dekora St.

Expected Useful Life: 50 yrs.

Vendor Name	Number & Description of Units	Estimated Cost
Chosen Contractor	Water Main Pipe	\$25,000

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:

550 W. Dekora St. needs to be hooked up to the water system. It currently has a private well. In October of 2018, an agreement was made that the homeowner would hook up in 2020. To do that, the water main must be extended to the property.

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