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AGENDA
PUBLIC UTILITIES COMMISSION MEETING
TUESDAY, JANUARY 12, 2021 – 6:00 P.M.
PUBLIC UTILITIES SERVICE CENTER
1201 LIVINGSTONE RD.

1. Roll Call.
2. Approval of December 8, 2020 Meeting Minutes.
3. Discussion and Possible Action on Updating of 2020 Sewer Rate Study and Connection Fee Study – Ordinance 198-10.
4. Discussion and Possible Action on Amending Ordinance 242-1 Section B.
5. Discussion and Possible Action on Well #5 Pump & Column Repair Issue Sheet and Bids.
6. Discussion and Possible Action on the Wastewater Treatment Plant Improvement Project – Magney Construction, Inc Pay Request #7.
7. Project Updates/Project Status Report.
8. Other business for information purposes only or for upcoming agenda.
9. Sewer Utility and Water Utility Cash Reports.
10. Discussion and Possible Action on Claims.
11. Adjournment.

Andy Hassan, Chairperson

cc:	Hassan	Peters	Weiss	O'Connor
	Korum	Frye	Chamberlin	Jensen
	Hall	Intihar	Mroz	Parotti
	Nolan	Reeves	Gray	Munkittrick
	Prissel	Johnson	O'Brien	Village of N. Hudson
	TeWinkel	Egger	Boles	River Channel Cable TV
	Wekkin	Eggen	Watson	City Hall Lobbies

Emailed to Commissioners and posted in City Hall lobbies – 1/7/2021

To access the meeting please use the link or phone number below. If you cannot access the meeting via the methods below or need any special accommodations please contact Kip Peters at 715-386-4765 x115 or kpeters@hudsonwi.gov.

Join Zoom Meeting <https://us02web.zoom.us/j/85153296602> Meeting ID: 851 5329 6602
One tap mobile +13126266799,,250672100# US (Chicago) +19292056099,,250672100# US (New York) Dial by your location +1 312 626 6799 US (Chicago) +1 929 205 6099 US (New York) +1 253 215 8782 US +1 301 715 8592 US +1 346 248 7799 US (Houston) +1 669 900 6833 US (San Jose) Meeting ID: 250 672 100

Notice is hereby given that a majority of the City Council may be present at the aforementioned meeting to gather information about a subject over which they have decision-making responsibility. This constitutes a meeting of the City Council pursuant to State ex rel. Badke v. Greendale Village Bd., 173 Wis.2d 553, 494 N. W. 2d 408 (1993), and must be noticed as such, although the Council will not take any formal action at this meeting.

**PUBLIC UTILITIES COMMISSION MEETING
CITY OF HUDSON, WISCONSIN
TUESDAY, DECEMBER 8, 2020**

Vice Chairperson Suzy Korum presiding. Meeting called to order by Korum at 6:00 p.m.

PRESENT: Suzy Korum, Vice Chairperson, Joyce Hall, Pat Nolan, and Dave Prissel, Commissioners; Mary Wekkin, North Hudson Liaison.

ABSENT: Chairperson Andy Hassan.

ALSO PRESENT: Kip Peters and Jace Holzemer, Hudson Public Utilities.

APPROVAL OF NOVEMBER 10, 2020 MEETING MINUTES: Wekkin asked that the minutes state the attorney representing the Utility regarding the Riverside Drive N. lift station maintenance responsibility issue reviewed the three (3) agreements between the City and the Village. Motion by Prissel, second by Hall to approve the minutes of the November 10, 2020 Public Utilities Commission meeting with the noted change. **MOTION CARRIED.**

DISCUSSION AND POSSIBLE ACTION ON THE WASTEWATER TREATMENT PLANT IMPROVEMENT PROJECT – MAGNEY CONSTRUCTION, INC PAY REQUEST #6: Peters presented Magney Construction's Pay Request #6 for the Wastewater Treatment Plant Improvement Project. He said the project is progressing as scheduled.

Motion by Hall, second by Prissel to approve Magney Construction's Pay Request #6, as recommended by SEH, in the amount of \$401,293.43 for the Wastewater Treatment Plant Improvement Project. **MOTION CARRIED.**

DISCUSSION AND POSSIBLE ACTION ON THE LAKE MALLALIEU DAM RE-HAB PROJECT - PEMBER COMPANIES PAY REQUEST #1: Peters presented Pember Companies' Pay Request #1 for the Lake Mallalieu Dam Re-hab Project. He said the project is progressing as scheduled. Discussion followed on possible additional project costs.

Motion by Prissel, second by TeWinkel to approve Pember Companies' Pay Request #1, as recommended by SEH, in the amount of \$34,017.12 for the Lake Mallalieu Dam Re-hab Project. **MOTION CARRIED.**

DISCUSSION AND POSSIBLE ACTION ON SEH LETTER OF ENGAGEMENT (LOE) FOR THE AWIA RISK RESILIENCE ASSESSMENT AND EMERGENCY RESPONSE PLAN: Peters said on October 23, 2018 the America's Water Infrastructure Act (AWIA) was signed into law. Under this law community water systems with a population greater than 3,300 people must develop or update risk and resilience assessments (RRAs) and emergency response plans (ERPs). Peters then presented SEH's LOE to assist the Utility in developing its RRAs and ERPs. Wekkin asked about the need to have SEH assist the Utility with the first two tasks listed in the LOE. Discussion followed. It was the consensus of the Commission to have Peters discuss with SEH on having the Utility complete the first two tasks listed in the LOE.

Motion by Hall, second by Prissel to postpone action on this item until next month's meeting. All ayes. Korum opposed. **MOTION CARRIED.**

PROJECT UPDATES/PROJECT STATUS REPORT: Peters reviewed the report. He noted:

The Meter Replacement/ Residential Cross-connection Inspection Program is completed for the year.

**PUBLIC UTILITIES COMMISSION MEETING
CITY OF HUDSON, WISCONSIN
TUESDAY, DECEMBER 8, 2020**

The Utility is waiting to hear from the State regarding bids received and project timeline for the Hwy 35 Re-hab Project.

Peters then presented a construction summary and photos of the Wastewater Treatment Plant Improvement Project.

The Wisconsin St Tower Re-hab Project is complete and the tower is on-line.

OTHER BUSINESS FOR INFORMATION PURPOSES ONLY OR FOR UPCOMING AGENDA: Nolan asked about the status of the generator for the Riverside Dr. N. Lift Station. Peters said it is scheduled to be installed within the next couple of weeks.

WATER AND WASTEWATER UTILITY'S CASH REPORTS: The water and wastewater utility's monthly cash reports were not available for the Commission's review.

DISCUSSION AND POSSIBLE ACTION ON THE CLAIMS: Prissel asked about the claim from Diamond Tower Services. Peters said it was for the removal and re-installation of the Utility's communication equipment as part of the Wisconsin St. Tower re-hab project. Motion by Prissel, second by Hall to approve claims as reviewed by Commissioners. **MOTION CARRIED.**

ADJOURNMENT: Motion by Hall, second by Nolan to adjourn. **MOTION CARRIED.** – 6:40 p.m.

Jace Holzemer,
Recording Secretary



HUDSON PUBLIC UTILITIES ISSUE SHEET

DATE: January 12, 2021
SUBMITTED TO: PUC and Common Council
SUBMITTED BY: Utility Director Peters
REGARDING: Updating of 2020 Sewer Rate Study and Connection Fee Study/ Ordinance 198-10

ISSUE: The 2020 Sewer Rate and Connection Fee study was adopted by Common Council on July 6, 2020. Since then, there has been the need to make some slight changes to the adopted document. Rates that were adopted on July 6, 2020 have not changed with the proposed changes.

Included changes are an amendment to the report to provide documentation of how much is included in the rates for the WWTP and general capital and how much is for the City and Village collection system accounts. More information on the funding sources for capital costs.

Amendments to Chapter 198 of the Municipal Code are highlighted on the attached sheets.

FUNDING SOURCE:

STAFF RECOMMENDATION:

COMMITTEE RECOMMENDATION:

Sewer Rate Study

Prepared for the

City of Hudson

by Trilogy Consulting, LLC

January 2021

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INTRODUCTION

The City of Hudson owns and operates a wastewater collection system and Wastewater Treatment Facility that provides wastewater service to just over 7,600 customers within the City of Hudson and the Village of North Hudson. The City serves the Village on a retail basis and covers the costs of limited operation and maintenance of the Village's collection system, but the Village is responsible for major repairs, rehabilitation, and replacement for its collection mains and lift stations. About 16 percent of billable wastewater flows over the past five years have been from the Village of North Hudson, and approximately 84 percent were from the customers within the City of Hudson, on average. The City is required to treat at its wastewater treatment plant: organic pollutants (BOD), suspended solids (TSS), phosphorus and ammonia (NH-3). The City last increased wastewater rates in January of 2019.

IMPETUS FOR STUDY

The sewer utility is planning on significant capital investment in upgrades to the Wastewater Treatment Facility in the amount of \$12,700,000, equipment replacement, and ongoing replacement of sewer infrastructure as needed. For these reasons, the City hired Trilogy Consulting to conduct a formal Sewer User Rate Study. The study consisted of determining recommended user rates based on a detailed cost of service study for 2020, and cash flow projections, including future rate increases. A 25-year projection of user rates and cash flows was prepared to develop a plan to complete all necessary capital improvement projects and meet all debt requirements while maintaining the financial health of the Utility.

STUDY METHODOLOGY

The study is generally organized into three sections:

1. An analysis of historical conditions including historical revenues, expenses, and usage.
2. Projections for the next twenty-five years, including billed wastewater usage projections, and projections of future operating and maintenance expenses. The analysis took into consideration the City's 5-year capital improvement needs, as well as estimates of capital improvements for years 6-25 based on prior years' investments and scheduled annual debt service payments for existing utility debt. Utility capital funding in future years includes connection fees, revenues generated from annual rates, new debt issuances and utility reserves.
3. Allocation of costs and detailed rate calculations for the 'test year' or target year for the immediate rate increase(s). In this study, 2022 was used as the year when the full amount of debt service payments for the Wastewater Treatment Facility upgrades will be in place.

The user rates were calculated using a cash-based method. The cash-based method calculates rates to recover the cost of operating and maintenance expenses, administrative expenses, annual debt service and any debt coverage requirements, annual capital outlay expenses, transfers to the City collection system replacement fund and to the Village for collection system costs, and deposits into reserve funds, if necessary.

SEWER RATE STUDY

SUMMARY

The purpose of this study was to recommend rates that will collect adequate revenues for the City of Hudson Wastewater Utility to fulfill all its current and upcoming obligations. Specifically, revenues need to be adequate to recover operation and maintenance expenses, debt service, transfers to the City collection system replacement fund and to the Village for collection system costs, and annual capital improvements. These current revenues will be combined with the reserves in the wastewater fund to fund the capital improvement plan.

The results of the study indicate a significant rate increase of about 47 percent by 2022. This overall level of rate increases is recommended to fund the utility's ongoing operating expenses and \$17.3 million capital improvement program for 2020 through 2024 and to maintain an adequate level of reserve funds available to cover ongoing equipment replacements, unexpected replacement and rehabilitation needs, or unexpected fluctuations in revenues or expenses. Significant capital improvements in this plan include Wastewater Treatment Facility (WWTF) improvements estimated at \$12.7 million, the Hwy 35/2nd Street sewer replacement project estimated at \$1.69 million, a new jet truck at \$450,000, and approximately \$550,000 per year of miscellaneous replacements and rehabilitation projects at the Wastewater Treatment Plant for 2022-2024, based on past history.

Of the \$17.1 million in capital projects included in the projections, \$12.7 million would be funded through debt using the State Clean Water Fund program, \$1.0 million from the City's sewer collection system replacement fund, \$1.5 million from general utility reserves paid in by past customers and the remaining \$1.9 million through annual revenues generated through user charges, connection charges, interest income and other revenues.

Currently, the City's wastewater rates are some of the lowest in Hudson's geographic region. Following this recommendation would increase rates significantly, yet rates would remain below average in the region, not considering any increases to wastewater rates that other communities may also implement in the interim.

Following implementation of the rates for 2020 through 2022, a plan for additional inflationary cost-of-living type rate increases is recommended for consideration by the City Council. These increases should be evaluated on an annual basis and adjusted for changing conditions, such as an increase in sales or unexpected capital needs. The recommended rate increases for 2020 through 2022 would increase the utility's user charge revenues by a total of about \$1.03 million per year by 2022.

HISTORICAL AND FORECAST CUSTOMER DEMANDS

The following table shows the analysis of historical trends in total wastewater treated at the wastewater treatment plant, as well as number of customers, customer volume of wastewater and estimated loadings (BOD, TSS, phosphorus and NH-3) for domestic strength customers. The Utility does not currently serve any known high-strength sewer customers at this time but may in the future. However, it does receive a small amount of leachate from a local landfill; currently, there is no charge for accepting this waste.

Table 1 - Historical Flows and Trends

		2015	2016	2017	2018	Last 12 Months	5-Year Trend
		(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)
WWTP Influent							
Total Annual Inflow		554,699,400	545,828,600	538,910,700	547,665,200	559,053,000	552,394,520
Total Billable Flow		405,324,870	442,895,200	415,254,680	456,951,040	403,052,413	427,548,918
Billable Flow as % of Inflow		73.1%	81.1%	77.1%	83.4%	72.1%	77.4%
Inflow/Infiltration		149,374,530	102,933,400	123,656,020	90,714,160	156,000,587	124,845,602
I/I as % of Inflow		26.9%	18.9%	22.9%	16.6%	27.9%	22.6%
Maximum Monthly Flow per Day							
Average Day Flow		1,519,724	1,491,335	1,476,468	1,500,453	1,531,652	1,513,410
Max Day/Average Day Ratio		-	-	-	-	-	-
BOD (mg/l)		252	245	232	205	224	203
TSS (mg/l)		-	-	-	-	-	-
P (mg/l)		-	-	-	-	-	-
NH3 (mg/l)		-	-	-	-	-	-
BOD (lbs)		1,166,802	1,113,724	1,041,328	937,790	1,043,575	933,927
TSS (lbs)		-	-	-	-	-	-
P (lbs)		-	-	-	-	-	-
NH3 (lbs)		-	-	-	-	-	-
Customer Demand							
Residential Sewer Usage		259,473,810	277,850,490	256,150,740	281,259,470	236,898,257	249,803,916
Residential Customers		6,211	6,300	6,400	6,550	6,629	6,744
Usage / Customer		41,776	44,103	40,024	42,940	35,737	37,042
Multi-Family Sewer Usage		35,290,100	40,371,680	38,935,320	44,931,000	42,024,570	45,719,012
Multi-Family Customers		55	60	62	65	69	72
Usage / Customer		641,638	672,861	627,989	691,246	609,052	634,106
Commercial Sewer Usage		92,840,360	105,372,910	101,686,780	112,599,480	105,635,081	113,471,726
Commercial Customers		470	480	490	500	522	530
Usage / Customer		197,533	219,527	207,524	225,199	202,366	214,259
Industrial Sewer Usage		4,871,310	5,325,380	4,517,320	3,361,300	2,935,032	2,451,078
Industrial Customers		22	23	24	25	25	26
Usage / Customer		221,423	231,538	188,222	134,452	117,401	93,553
Public Authority Sewer Usage		12,849,290	13,974,740	13,964,520	14,799,790	15,337,209	15,925,376
Public Authority Customers		32	33	34	35	35	36
Usage / Customer		401,540	423,477	410,721	422,851	438,206	439,928
Total Domestic Strength Usage	Strength (mg/l)	405,324,870	442,895,200	415,254,680	456,951,040	402,830,149	427,371,107
Estimated BOD (lbs.)	300	1,014,123	1,108,124	1,038,967	1,143,292	1,007,881	1,069,283
Estimated TSS (lbs.)	300	1,014,123	1,108,124	1,038,967	1,143,292	1,007,881	1,069,283
Estimated Phos. (lbs.)	8	27,043	29,550	27,706	30,488	26,877	28,514
Estimated NH-3 (lbs.)	40	135,216	147,750	138,529	152,439	134,384	142,571
Landfill Leachate	Strength (mg/l)	-	-	-	-	222,264	177,811
Estimated BOD (lbs.)	100	-	-	-	-	185	148
Estimated TSS (lbs.)	300	-	-	-	-	556	445
Total				415,254,680	456,951,040	403,052,413	427,548,918
Estimated BOD (lbs.)				1,038,967	1,143,292	1,008,066	1,069,431
Estimated TSS (lbs.)				1,038,967	1,143,292	1,008,437	1,069,727
Estimated Phos. (lbs.)				27,706	30,488	26,877	28,514
Estimated NH-3 (lbs.)				138,529	152,439	134,384	142,571

Wastewater Treatment Plant Influent

The total volume of wastewater treated at the plant has fluctuated some over the past several years, with a dip in 2017 and an increase in 2019. However, the ‘billable’ flow, or wastewater generated by customers, has fluctuated more during the same time, with 2019 flows being down compared to prior years. The remaining volume is clearwater infiltration and inflow, water that seeps into the system via cracks in wastewater mains or customer service laterals, or through sewer manholes. At certain times of year, such as periods of high precipitation, infiltration and inflow (I/I) may be the majority of water volume arriving at the treatment plant. Wastewater entering the plant is sampled daily for wastestrengths, so the total pounds of BOD entering the plant per year can be estimated. Total pounds of these constituents have seen a steady decline in the last several years, before an uptick during 2019. To make sure the all customers are charged fairly, surcharge rates were calculated as a part of this study in case the Utility samples customers that should be charged for high-strength flows for any of the constituent loadings in the future.

Forecast flows for 2020 through 2022 follow trends over the previous five years, as shown in the next table. It should be noted that at the time this study was being completed, the City was in the midst of the global COVID-19 pandemic, with effects on billed water and sewer demand unknown as of yet. This was not factored into the long-term projections, as it is assumed that any impacts will be temporary, but revenues during the pandemic may be higher or lower than expected during a normal year. In addition, the assumptions used in this study should be reviewed post-pandemic to determine whether any impacts on water and sewer use were temporary or if longer-term structural changes resulted.

Table 2 - Projected Flows and Demand

			Current Year		Test Year	
	Last 12 Months	5-Year Trend	2020	2021	2022	
<u>WWTP Influent</u>	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	
Total Annual Inflow	559,053,000	552,394,520	552,352,476	563,657,338	577,118,157	
Total Billable Flow	403,052,413	427,548,918	427,516,377	440,923,457	448,087,068	
Billable Flow as % of Inflow	72.1%	77.4%	77.4%	78.2%	77.6%	
Inflow/Infiltration	156,000,587	124,845,602	124,836,099	122,733,881	129,031,089	
I/I as % of Inflow	27.9%	22.6%	22.6%	21.8%	22.4%	
Maximum Monthly Flow per Day			1,815,953	1,853,120	1,897,375	
Average Day Flow	1,531,652	1,513,410	1,513,294	1,544,267	1,581,146	
Max Day/Average Day Ratio	-	-	1.20	1.20	1.20	
BOD (mg/l)	224	203	232	235	233	
TSS (mg/l)	-	-	232	235	233	
P (mg/l)	-	-	6	6	6	
NH3 (mg/l)	-	-	31	31	31	
BOD (lbs)	1,043,575	933,927	1,069,090	1,102,634	1,120,558	
TSS (lbs)		-	1,069,090	1,102,634	1,120,558	
P (lbs)		-	28,509	29,404	29,882	
NH3 (lbs)		-	142,545	147,018	149,408	
<u>Customer Demand</u>						
Residential Sewer Usage	236,898,257	249,803,916	249,811,324	256,827,148	258,105,858	
Residential Customers	6,629	6,744	6,744	6,852	6,961	
Usage / Customer	35,737	37,042	37,042	37,482	37,079	
Multi-Family Sewer Usage	42,024,570	45,719,012	45,655,601	47,795,528	50,243,885	
Multi-Family Customers	69	72	72	75	79	
Usage / Customer	609,052	634,106	634,106	637,274	635,999	
Commercial Sewer Usage	105,635,081	113,471,726	113,557,429	117,155,646	120,218,932	
Commercial Customers	522	530	530	542	554	
Usage / Customer	202,366	214,259	214,259	216,154	217,002	
Industrial Sewer Usage	2,935,032	2,451,078	2,432,367	2,659,475	2,489,373	
Industrial Customers	25	26	26	26	26	
Usage / Customer	117,401	93,553	93,553	102,288	95,745	
Public Authority Sewer Usage	15,337,209	15,925,376	15,837,391	16,263,395	16,806,757	
Public Authority Customers	35	36	36	37	38	
Usage / Customer	438,206	439,928	439,928	439,551	442,283	
Total Domestic Strength Usage	Strength (mg/l)	402,830,149	427,371,107	427,294,113	440,701,193	447,864,804
Estimated BOD (lbs.)	300	1,007,881	1,069,283	1,069,090	1,102,634	1,120,558
Estimated TSS (lbs.)	300	1,007,881	1,069,283	1,069,090	1,102,634	1,120,558
Estimated Phos. (lbs.)	8	26,877	28,514	28,509	29,404	29,882
Estimated NH-3 (lbs.)	40	134,384	142,571	142,545	147,018	149,408
Landfill Leachate	Strength (mg/l)	222,264	177,811	222,264	222,264	222,264
Estimated BOD (lbs.)	100	185	148	185	185	185
Estimated TSS (lbs.)	300	556	445	556	556	556
Total		403,052,413	427,548,918	427,516,377	440,923,457	448,087,068
Estimated BOD (lbs.)		1,008,066	1,069,431	1,069,275	1,102,820	1,120,743
Estimated TSS (lbs.)		1,008,437	1,069,727	1,069,646	1,103,190	1,121,114
Estimated Phos. (lbs.)		26,877	28,514	28,509	29,404	29,882
Estimated NH-3 (lbs.)		134,384	142,571	142,545	147,018	149,408

Customer Demand

The Wastewater Utility mostly serves domestic sewage customers (residential, multi-family, commercial, industrial and public authority, i.e. government); it does not have any high strength customers currently and the only hauled waste is a small amount of leachate from a local landfill, which is not currently charged. However, if any increase in monitoring indicates that there could be high strength customers that the Utility is unaware of, or if a new customer is known to discharge high-strength waste, then they may be charged surcharges for higher than domestic strength pollutant loadings.

Domestic Waste

The volume of domestic strength waste has fluctuated over the last three years, resulting from changes within all customer classes. The estimates of pounds of pollutant loadings for domestic strength waste are based on current domestic strength assumptions of 300 mg/l for BOD, 300 mg/l for TSS, 8 mg/l for phosphorus, and 40 mg/l for NH-3. A comparison of total pounds being treated at the plant versus estimated pounds from domestic strength sewage indicated that those assumptions are reasonable. Additional sampling at the treatment plant in the future may result in a need for those assumptions to be adjusted, but there is no need to do so at present.

Forecast Revenues at Present Rates

The table below shows the forecast revenues at present rates for the test year, based on the forecast number of customers and volume of sewer usage. The City currently charges the following user charges:

- Sewer Usage Charge of \$3.00 per hundred cubic feet of wastewater (estimated based on metered water use) for all users. This rate is comprised of \$2.88 per hundred cubic feet for collection system operation and maintenance and WWTP operation, maintenance, and capital, and a trunk line and lift station replacement charge of \$0.12 per hundred cubic feet. Revenues from the trunk line and lift station replacement charge are transferred to the Village of North Hudson and to the City's sewer collection system replacement fund based on the amount of billable flows from each municipality. For 2015 through 2019, approximately 16 percent of these revenues, or \$11,000 per year, were transferred to the Village, and 84 percent, or \$58,000 per year, to the City's replacement fund.
- Flat Charge based on the size of customer's water meter

Forecast user charge revenues of \$2,031,586 for the test year of 2022 are higher than 2018 user charge revenues of \$1,900,341 due to projected growth in the number of customers and billed usage through 2022.

Table 3 - Test Year Revenues at Present Rates

YEAR: 2022		Residential	Multi-Family	Commercial	Industrial	Public Authority	Total
Sewer Usage Charges							
Usage	CCF	345,061	67,171	160,720	3,328	22,469	598,750
Revenues	\$2.88	\$993,777	\$193,452	\$462,875	\$9,585	\$64,711	\$1,724,399
Collection System Replacement Charges							
Usage	CCF	345,061	67,171	160,720	3,328	22,469	598,750
Revenues	\$0.12	\$41,407	\$8,061	\$19,286	\$399	\$2,696	\$71,850
Fixed Charges							
Meter Size		6,961	79	554	26	38	7,658
5/8"	\$7.60	6,706	11	322	10	15	7,064
3/4"	\$7.60	248	7	37	2	-	294
1"	\$8.45	6	17	98	7	7	135
1 1/4"	\$9.50						
1 1/2"	\$10.35	1	18	66	5	7	97
2"	\$11.15	-	19	28	-	4	51
2 1/2"	\$11.70						
3"	\$12.50	-	6	3	2	5	16
4"		-	-	-	-	-	-
6"		-	1	-	-	-	1
Revenues		\$211,646	\$3,014	\$18,357	\$908	\$1,411	\$235,337
Total Metered Customers		\$1,246,830	\$204,527	\$500,519	\$10,893	\$68,818	\$2,031,586
Pinkys Landfill Leachate							
		Units	Rates	Revenues			
Holding Tank (CCF)		297.14	\$0.00	\$0			\$0
No. of Loads		70	\$0.00	\$0			\$0
Subtotal				\$0			\$0
					Total		\$2,031,586

HISTORICAL AND FORECAST OPERATION AND MAINTENANCE EXPENSE

The following table shows the actual O&M expenses for 2015 through 2018, budgeted 2019 and 2020 expenses, a 4-year trend analysis and forecast expenses for 2020 through 2022. Some categories of expenses that fluctuate substantially from year to year were normalized to reflect historical average expenses or the 4-year trend analysis. Electricity, chemicals, and biosolids costs were forecast based on the forecast wastewater influent. These adjustments were done to reflect a typical year so that the O&M expenses can be projected for future years. As shown the

projected O&M expense for 2020 used for cash flow forecasting purposes was \$1,841,589, or approximately 2.0 percent higher than actual 2018 expenses. Future years' O&M expenses are forecast to increase by 2.0 percent per year.

Table 4 - Historical and Forecast O&M Expenses

Account Description	2016	2017	2018	Budget 2019	4-Year Trend	Budget 2020	Current Year 2020	2021	Test Year 2022
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
WASTEWATER TREATMENT & DISPOSAL									
Salaries and Wages	217,503	230,697	231,426	216,455	223,417	211,367	211,367	215,594	219,906
FICA	15,624	16,086	16,775	16,560	17,136	16,170	16,170	15,650	15,963
Retirement	14,246	14,967	15,496	13,785	14,410	13,452	13,452	14,073	14,355
Health Insurance	72,956	82,808	93,023	90,060	100,094	76,064	76,064	81,526	83,156
Utilities - Electricity	105,858	108,978	102,390	108,000	106,266	108,000	108,000	107,991	111,675
Utilities - Gas	12,304	12,080	14,078	13,000	13,887	13,000	13,887	14,026	14,166
Contractual Services	280,892	78,662	124,313	73,900	(4,390)	79,500	139,442	140,836	142,245
Chemicals	26,120	27,406	73,794	25,000	48,837	25,000	27,261	28,097	29,056
Supplies	30,082	49,182	46,062	49,000	56,990	48,300	56,990	57,560	58,135
Biosolids Charges	300,810	340,154	335,654	335,000	352,422	335,000	390,138	406,403	417,139
Other Services & Charges	13,036								
SUBTOTAL WASTEWATER TREATMENT & DISPOSAL	1,089,431	961,020	1,053,011	940,760	929,068	925,853	1,052,771	1,081,756	1,105,796
LIFT STATIONS & PUMPING EQUIPMENT									
Salaries and Wages	28,946	23,953	26,411	22,960	21,693	26,467	26,467	26,996	27,536
GASB 68	22,289	29,144	13,357				21,597	22,029	22,469
FICA	2,133	1,710	1,916	1,760	1,652	2,025	1,946	1,985	2,024
Retirement	1,948	1,629	1,769	1,500	1,411	1,472	1,772	1,807	1,843
Health Insurance	8,585	8,206	9,262	8,620	8,959	7,281	8,973	9,153	9,336
Utilities - Electricity	18,845	19,827	18,901	19,900	19,928	19,500	20,854	21,723	22,297
Utilities - Gas	1,286	327	344	400	(71)	400	357	361	364
Contractual Services	5,940	20,314	5,150	6,500	6,105	9,500	6,105	6,166	6,228
Supplies	912	1,428	332	5,000	4,710	5,000	891	900	909
Other Services & Charges									
SUBTOTAL LIFT STATIONS & PUMPING EQUIPMENT	90,884	106,538	77,442	66,640	64,385	71,645	88,961	91,119	93,006
WASTEWATER COLLECTION SYSTEM									
Salaries and Wages	35,930	28,312	24,609	30,010	24,350	88,239	88,239	90,004	91,804
FICA	2,576	1,996	1,770	2,300	1,897	6,750	6,750	6,544	6,675
Retirement	2,375	1,925	1,649	1,970	1,607	5,780	5,780	5,996	6,116
Health Insurance	9,117	9,593	9,363	12,820	12,943	39,861	39,861	30,965	31,584
Contractual Services	35,408	19,675	118,626	50,250	91,859	54,300	55,990	56,550	57,115
Supplies	3,918	2,348	1,656	5,000	3,869	10,600	3,869	3,908	3,947
Other Services & Charges									
SUBTOTAL WASTEWATER COLLECTION SYSTEM	89,324	63,849	157,673	102,350	136,525	205,530	200,489	193,966	197,241
DAMS									
Salaries and Wages	3,496	3,615	3,870	2,580	2,767	3,032	2,767	2,822	2,879
FICA	259	262	281	200	211	232	204	209	213
Retirement	235	245	259	170	182	199	185	189	193
Health Insurance	1,363	1,428	1,635	845	981	713	1,076	1,097	1,119
Contractual Services	1,362	0	3,222	3,000	3,930	4,000	1,896	1,915	1,934
Utilities - Electricity	516	534	1,098	1,000	1,291	100	787	795	803
Supplies				100					
SUBTOTAL DAMS	7,231	6,084	10,365	7,895	9,362	8,276	6,915	7,027	7,140
GENERAL AND ADMINISTRATIVE EXPENSES									
Salaries and Wages	171,758	180,328	170,009	124,638	123,764	130,430	130,430	133,039	135,699
GASB 68		29,144					21,080	21,501	21,931
FICA	12,405	13,089	12,347	9,539	9,510	10,278	10,278	9,746	9,941
Retirement	11,482	12,258	11,374	8,162	8,108	8,735	8,735	8,902	9,080
Health Insurance	56,037	62,877	58,995	37,900	39,379	36,905	36,905	44,394	45,282
Contractual Services	18,677	30,666	27,404	31,900	36,264	30,200	27,162	27,433	27,708
Supplies	3,895	3,650	2,240	7,250	6,423	7,775	4,259	4,301	4,344
Insurance	44,072	74,227	48,530	63,560	65,789	54,688	54,688	55,235	55,787
Other Services & Charges									
SUBTOTAL GENERAL & ADMINISTRATIVE EXPENSES	318,326	406,239	330,899	282,949	289,236	279,011	293,536	304,552	309,773
METER READING									
Salaries and Wages	12,085	12,403	6,766	11,040	8,381	10,760	10,760	10,975	11,195
FICA	821	841	500	845	685	823	823	780	796
Retirement	728	771	453	725	588	705	705	695	709
Health Insurance	2,625	3,190	2,073	4,950	4,674	4,181	4,181	3,331	3,398
Contractual Services	338	698	1,016	500	839	500	839	847	856
Supplies	6,113	6,203	5,337	6,700	6,312	6,600	6,312	6,375	6,439
Meter Use Charge Paid to Water Utility	161,611	173,998	162,205	175,000	175,297	180,000	175,297	180,556	185,973
SUBTOTAL METER READING EXPENSES	184,321	198,104	178,350	199,760	196,775	203,569	198,917	203,560	209,365
TOTAL OPERATION & MAINTENANCE EXPENSES	1,779,517	1,741,834	1,807,740	1,600,354	1,625,350	1,693,884	1,841,589	1,881,980	1,922,322

HISTORICAL AND FORECAST CAPITAL IMPROVEMENTS

Between 2015 and 2019, the Utility invested almost \$2.0 million, or an average of just under \$400,000 per year, in capital improvements and equipment replacement. Most of this amount was for WWTP improvements and communications, vehicles, and other general equipment.

The Utility's forecast capital improvements for 2020 through 2024 includes \$17.1 million of capital improvements and equipment. Of this amount, \$1.69 million is for the Hwy 35/2nd Street trunk sewer replacement project. The rest is for improvements and upgrades to the WWTP, as well as vehicles and other general equipment.

Of this amount, \$12.7 million for major upgrades to the WWTP in 2020 and 2021 is planned to be borrowed through the Wisconsin Clean Water Fund program. The Hwy 35/2nd Street trunk sewer replacement will be funded in part with funds from the City's sewer collection system replacement fund and in part with utility reserves. Other capital expenditures will be funded in part with current revenues and in part with reserves. In total, the Utility plans to issue \$12.7 million in debt, use \$1.5 million of sewer utility reserves and \$1.0 million of sewer collection system replacement reserves, and fund the remaining \$1.9 million with current revenues.

With the borrowing for the WWTP upgrades, annual debt service is projected to increase from no debt service currently to just over \$784,000 per year by 2022.

Table 5 - Forecast Capital Improvements

Account Description	Current Year	Test Year			
	2020	2021	2022	2023	2024
Land and land rights	\$0				
Structures and improvements	\$0				
Service connections, traps and access	\$0				
Collecting mains	\$0				
Interceptor mains	\$0	\$1,690,000			
Force mains	\$0				
Other collecting system equip	\$0				
Land and land rights	\$0				
Pumping structures and improvements	\$0				
Receiving wells	\$0				
Electric pumping equipment	\$0				
Other power pumping equip	\$0				
Misc. pumping equipment	\$0				
Land and land rights	\$0				
Treatment plant structures and improvements	\$6,195,600		\$530,450	\$546,364	\$562,754
Preliminary treatment equip	\$1,395,200				
Primary treatment equip	\$0				
Secondary treatment equip	\$881,200				
Advanced treatment equip	\$1,851,600				
Chlorination equipment	\$0				
Sludge treatment and disposal equip	\$1,214,000				
Plant site piping	\$419,500				
Flow metering equipment	\$0				
Outfall sewer pipes	\$0				
Other treatment and disposal plant equip	\$296,000				
Structures and improvements	\$819,800				
Office furniture and equipment	\$0				
Computers	\$68,300				
Transportation equipment	\$0		\$450,000		
Communication equipment	\$153,800				
Other general equipment	\$0				
Laboratory equipment	\$0				
Total Cost	\$13,295,000	\$1,690,000	\$980,450	\$546,364	\$562,754

CASH FLOW FORECASTS

To estimate the overall level of immediate and future rate increases, a 25-year cash flow forecast was prepared. Multiple cash flow forecasts were prepared for various scenarios of the level and timing of immediate and future rate increases. Each forecast was evaluated with the same criteria:

- Generating positive cash flow;
- Providing sufficient debt coverage for future debt;

- Maintaining the utility’s reserves above recommended levels – Recommended reserve levels include operating reserves to manage cash flow or fluctuations in revenues or expenses, any restricted debt reserves, and capital reserves for unplanned capital costs. Wastewater utilities that have a loan through the state’s Clean Water Fund Program are also required to maintain an equipment replacement fund to pay for replacement of mechanical and other equipment;
- Avoiding or mitigating the need for issuance of new debt for routine wastewater main and equipment replacement; and
- Percentage of debt financing versus equity.

As of December 31, 2018, the wastewater utility had total reserve funds totaling \$6,321,807. About \$1.95 million of this total was held in a restricted account for equipment replacement, meaning it cannot be used for any other use than the designated use, such as operating losses or ongoing capital improvements. The remaining \$4.37 million was unrestricted, meaning it can be used for any purpose, including capital improvements, operating expenses, or debt service payments. Additionally, the City maintains a Sewer Collection System Replacement Fund within its general funds, which had a balance of \$1,076,512. This fund is to be used for replacement of sewer main throughout the City.

The cash flow analysis developed a recommended minimum amount of reserves the Utility should keep on hand, for those purposes and as a rate stabilizer. This amount was determined to be \$3.7 million to \$3.8 million for the next several years, comfortably below the Utility’s actual reserve levels as of the end of 2018.

All the alternative cash flow scenarios were based on the following common assumptions:

- Inflation of approximately two percent per year in operation and maintenance expenses;
- Continuation of a similar level of other operating revenues and non-operating revenues as contained in the 2020 budget;
- Any debt issuance for the treatment plant would be for 20 years at the current interest rate of 1.65% through the Clean Water Fund loan program; any future debt issuances would be for 20 years at 3.50% interest with level annual payments;
- Recommended reserve levels include the following:
 - Operating reserve equal to 3 months of annual operating expenses;
 - Debt service reserve equal to current year’s debt service payments;
 - Equipment replacement fund equal to the estimated year-end 2019 level of \$2,044,440 – this fund currently has a larger balance than necessary, but may need to be adjusted based on final costs of the Wastewater Treatment Facility upgrades;

- Depreciation/Capital reserve equal to \$500,000 for emergency replacement of critical infrastructure.

The following charts show the five cash flow alternatives that were prepared: one with zero increase to rates (do-nothing alternative), one showing all of the increase occurring at the beginning of 2021, and three alternatives for phasing the increase in over two increases, one at the beginning of 2021 and a second increase at the beginning of 2022. All the rate increase scenarios also include future rate increases of 2.0 percent every other year. The three options that were explored for phasing the rate increase were as follows:

- An increase in user charge revenues of approximately 38.0 percent in 2021 and 11.0 percent in 2022. The rate increase of 38.0 percent would provide revenues sufficient to pay debt service on the Clean Water Fund (CWF) loan for the WWTF project plus the required 10 percent debt coverage. The second rate increase is recommended to allow the Utility to cash fund capital improvements other than the WWTF project without significant negative cash flow.
- An increase of 11.0 percent in 2021 and another increase of 38.0 percent in 2022. Since the Utility will not have to make full principal and interest payments on the CWF loan until 2022, the full rate increase needed to provide debt coverage could be delayed until 2022. The smaller increase in 2021, could however, result in the need for larger or more frequent rate increases in future years.
- A third option was to implement the rate increase in equal steps in 2021 and 2022. To achieve the overall target of a 46.5 percent rate increase by 2022, two increases of approximately 23.7 percent could be implemented.

Figure 1 - Projected Cash Flow with Zero Increase

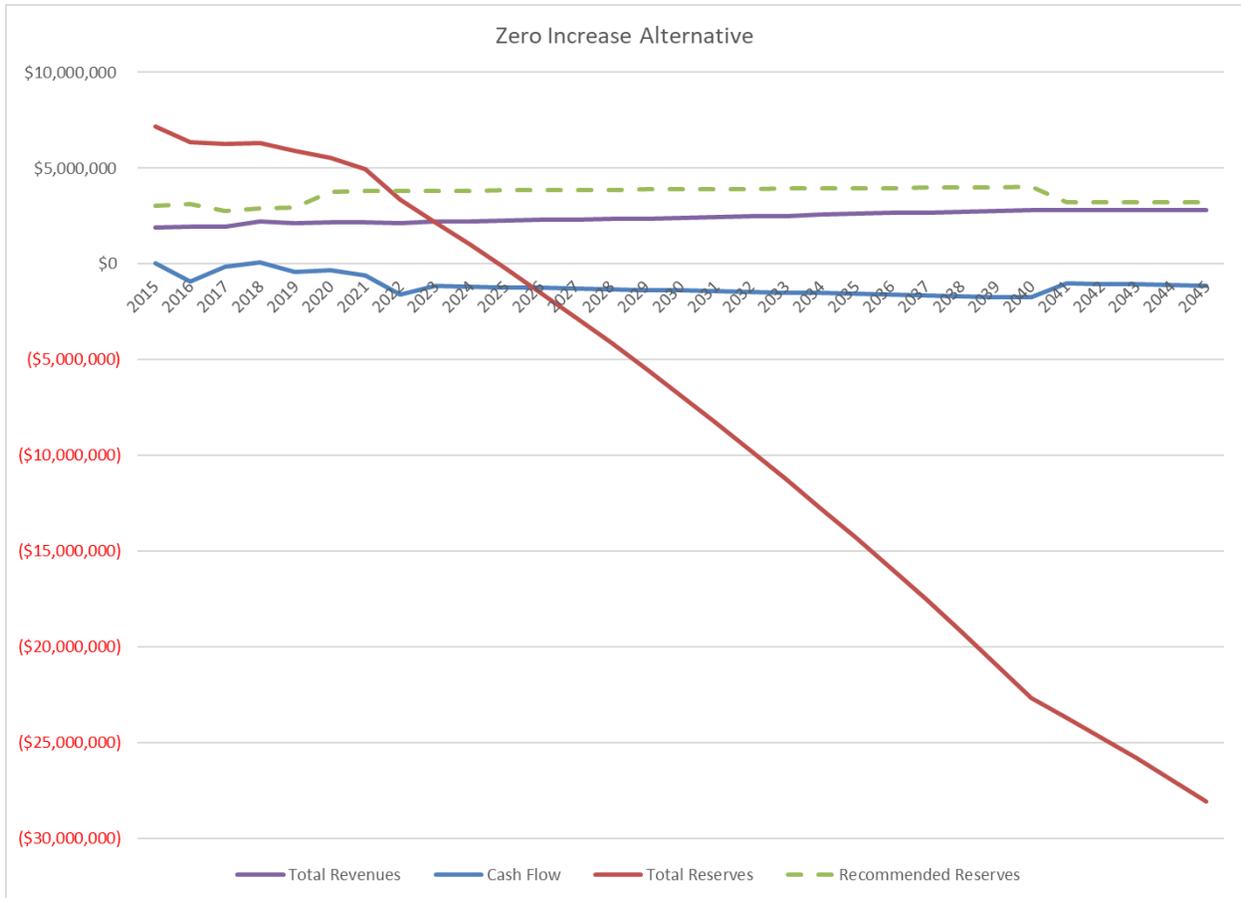


Figure 2 - Projected Cash Flow with 2021 Increase

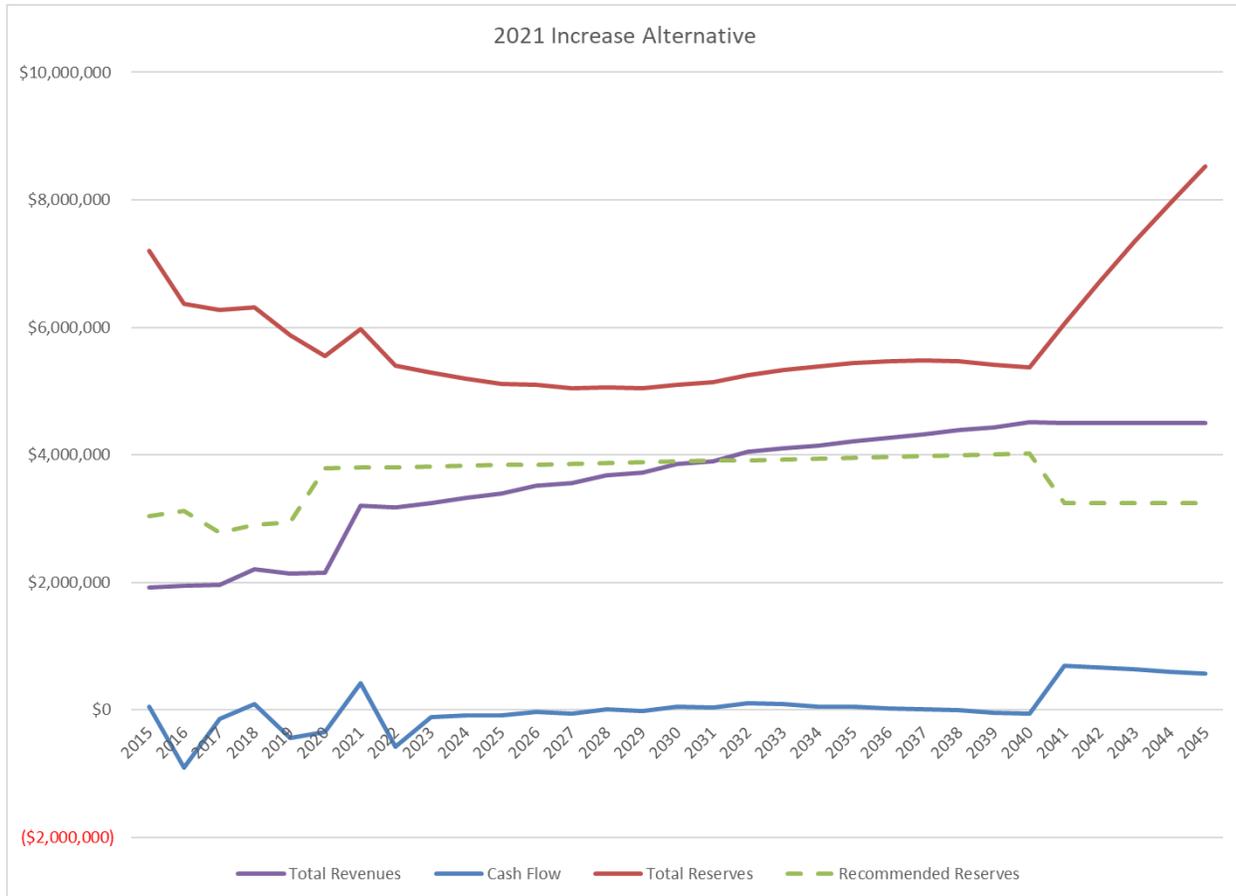


Figure 3 - Projected Cash Flow with Phased-In Increase: 38 Percent in 2021, 11 Percent in 2022

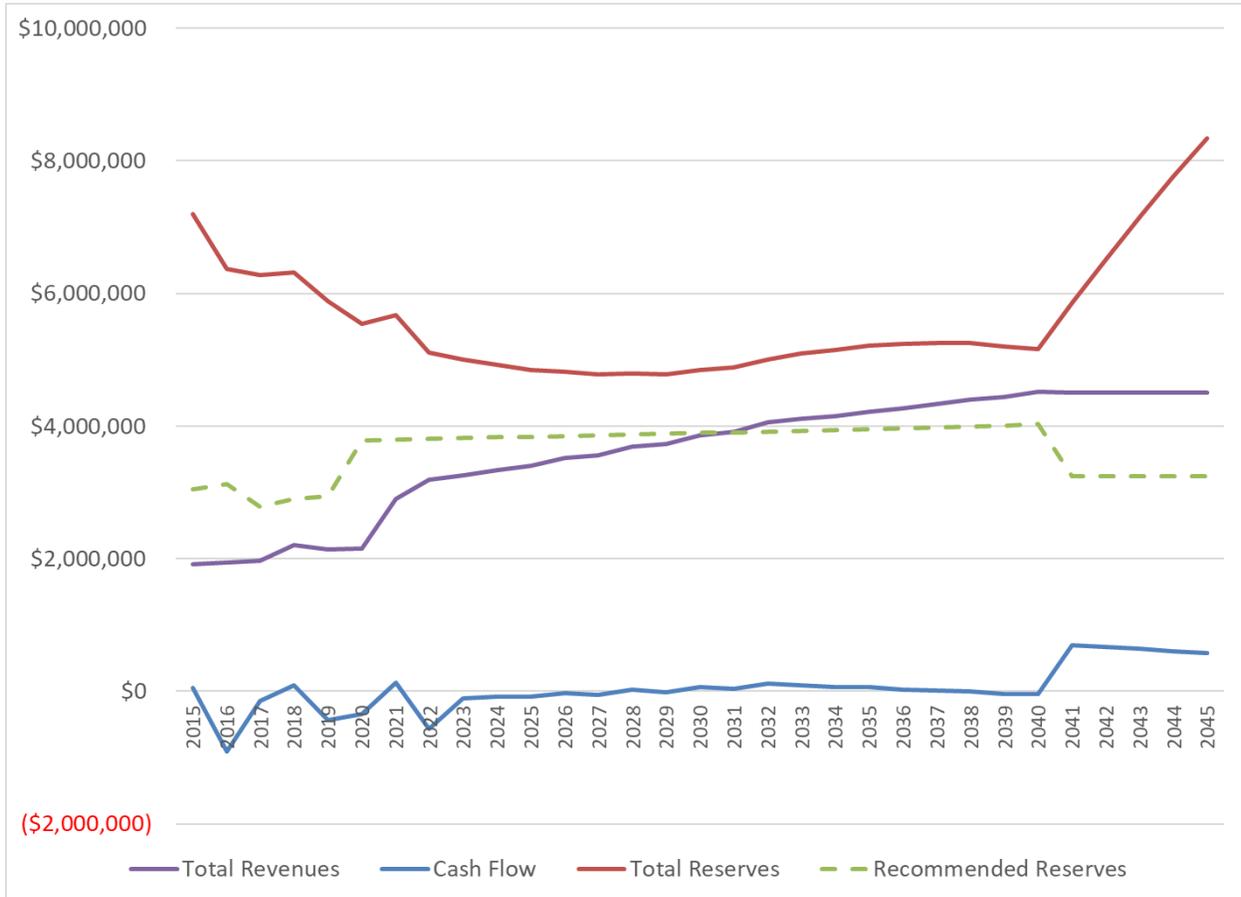


Figure 4 - Projected Cash Flow with Phased-In Increase: 11 Percent in 2021, 38 Percent in 2022

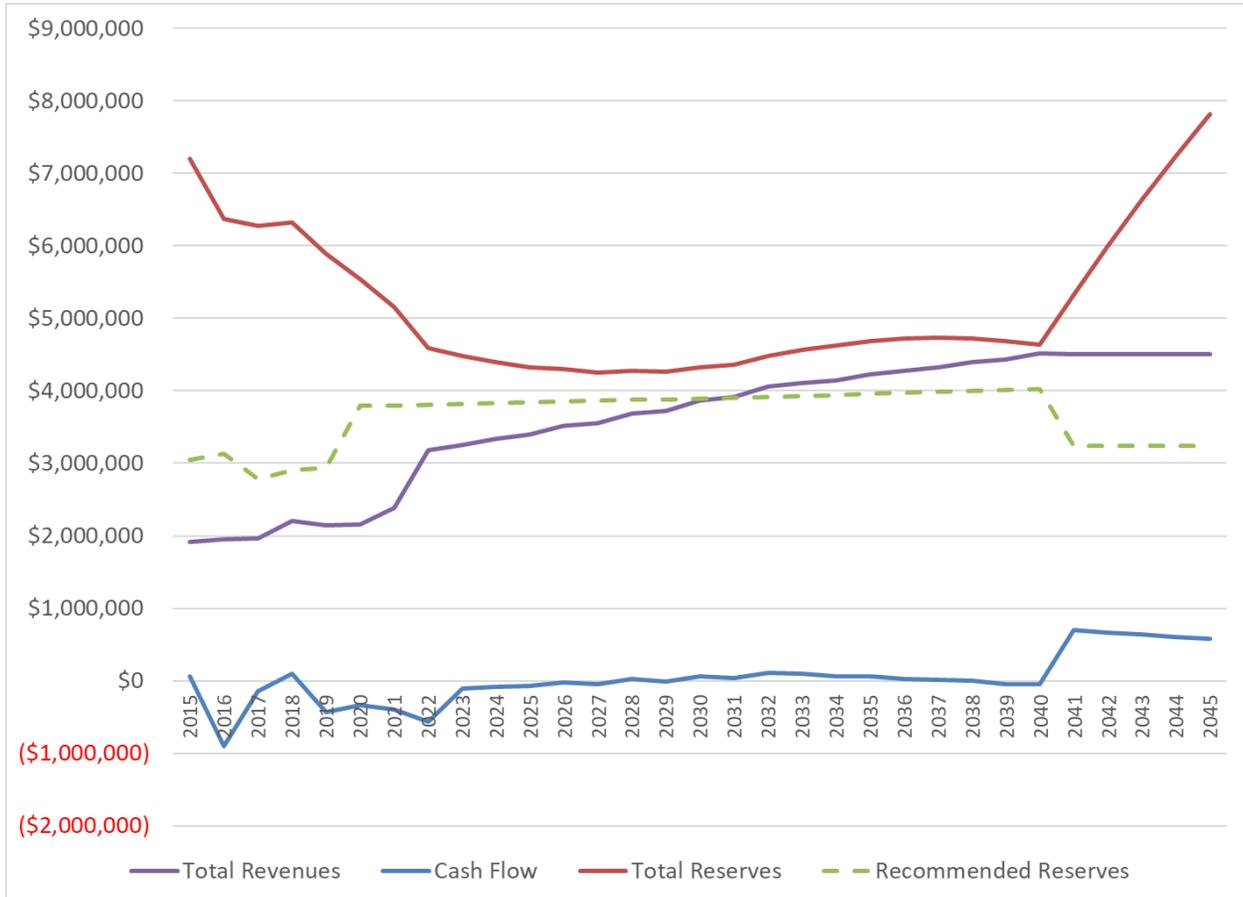
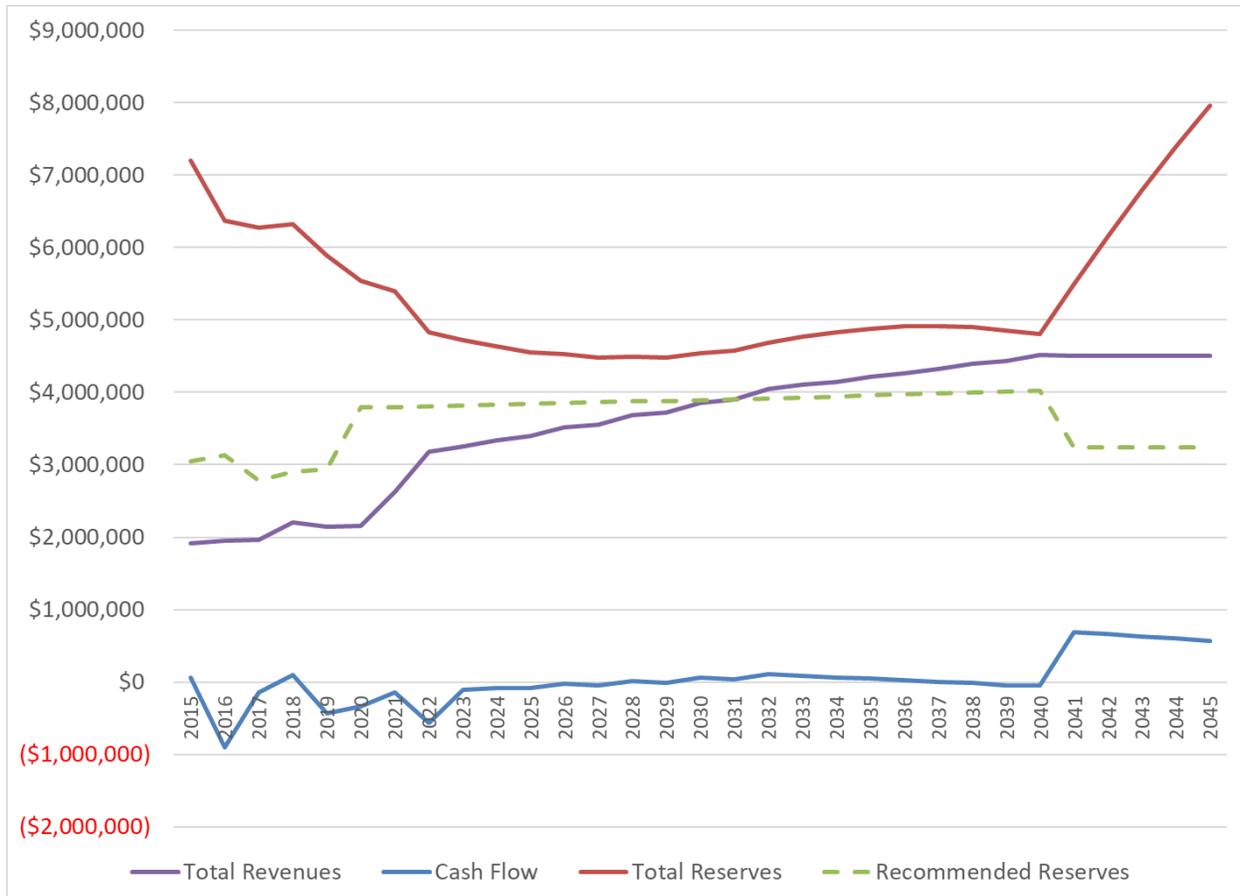


Figure 5 - Projected Cash Flow with Phased-In Rate Increase: 23.7 Percent in 2021, 23.7 Percent in 2022



Key findings and recommendations regarding the utility’s financial condition are as follows:

- The utility has had fluctuating cash flow for several years but had negative cash flow in 2019, with most of the capital additions being funded through reserves.
- Utility reserve levels are above the minimum recommended amount. However, without an increase, reserves are expected to drop below the recommended minimum in 2021 and be completely depleted by 2024 or 2025, due to the debt service on the treatment plant upgrades.
- The utility is currently free of debt.
- The utility has utility-financed capital improvements totaling \$17.1 million, or an average of \$3.4 million per year, planned for the period 2020-2024, with 12.7 million of that for the 2020/2021 upgrades at the treatment plant.

- An increase in user charge revenues of approximately 46.5 percent is recommended to generate sufficient revenues to fund the expected level of expenses, the capital improvement program, and projected debt service while maintaining the cash reserves at the recommended level. A rate increase of 38.0 percent is required to provide revenues sufficient to pay debt service on the Clean Water Fund loan for the WWTF project plus the required 10 percent debt coverage. The remainder of the increase is recommended to allow the Utility to cash fund routine capital improvements to the WWTF and additions and replacements to vehicles, communication equipment and other general equipment without significant negative cash flow.
- Additional future rate increases may be warranted, depending on actual sales and expenses. The projected cash flows include 2.0 percent increases every other year, in 2024, 2026 and 2028. With the rate increases and the use of reserves, it is expected that the utility will not need to issue debt for any other planned capital projects anticipated during the next five years and may not need to issue debt for a longer period of time.
- Under the recommended plan, approximately \$1.5 million of the Utility's cash reserves would be used to fund a portion of the capital improvement program, with an additional \$1.0 million from the City Sewer Collection System Replacement fund used for the Hwy 35 / 2nd Street reconstruction.
- In total, with the recommended plan, the Utility's cash reserves are projected to decrease from \$5.9 million to \$4.4 million in the Wastewater Utility fund, and from \$1.15 million to \$453,000 in the Sewer Collection System Fund between 2019 and 2024.

The following tables show the forecast cash flows with the three options for phasing in the recommended rate increase. It should be noted that these future projections of cash flow are for planning purposes only. The City and the Utility should continue to assess the financial, physical, and operational conditions of the utility on an annual basis to respond to changing conditions and make decisions regarding which capital improvement projects to undertake, how those projects should be financed and the appropriate rate increase that may be needed to meet future revenue requirements.

Table 6 - Forecast Cash Flows: 38 Percent Increase in 2021, 11 Percent Increase in 2022

	Test Year									
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Projected Demand Change		6.1%	3.1%	1.6%	1.6%	1.4%	1.7%	1.6%	1.5%	1.7%
Customer Growth		128	124	126	127	123	127	125	125	127
Projected Average Expense Change		15.1%	2.2%	2.1%	2.1%	2.1%	2.0%	2.1%	2.1%	2.1%
Projected Rate Increase		0.0%	38.0%	11.0%	0.0%	2.0%	0.0%	2.0%	0.0%	2.0%
Revenues										
Subtotal User Charge Revenues	\$1,944,250	\$1,944,250	\$2,683,065	\$2,978,202	\$3,025,398	\$3,130,037	\$3,184,300	\$3,298,628	\$3,349,688	\$3,475,389
Less: Charges for City/Village Collection Systems ⁽¹⁾	(\$71,000)	(\$68,580)	(\$70,731)	(\$71,880)	(\$73,019)	(\$74,064)	(\$75,348)	(\$76,522)	(\$77,707)	(\$79,042)
Subtotal Other Operating Revenues	\$42,560	\$61,245	\$63,212	\$41,823	\$46,309	\$51,030	\$52,724	\$51,020	\$48,581	\$49,933
Subtotal Non-Operating Revenues	\$226,800	\$227,746	\$231,768	\$238,025	\$256,213	\$227,653	\$241,121	\$246,402	\$236,043	\$242,362
Total Cash In	\$2,142,610	\$2,159,661	\$2,907,314	\$3,186,171	\$3,254,902	\$3,334,656	\$3,402,797	\$3,519,527	\$3,556,605	\$3,688,643
Expenses										
Subtotal O&M	\$1,600,354	\$1,841,589	\$1,881,980	\$1,922,322	\$1,962,088	\$2,004,233	\$2,045,203	\$2,087,767	\$2,131,553	\$2,177,285
Debt Service	\$0	\$0	\$136,429	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117
Capital Outlay	\$916,750	\$13,295,000	\$1,690,000	\$980,450	\$546,364	\$562,754	\$579,637	\$597,026	\$614,937	\$633,385
Less: New Borrowing		\$12,700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transfer to General Fund per Intermunicipal Contract	\$62,000	\$63,788	\$65,331	\$66,091	\$67,666	\$69,065	\$70,255	\$71,528	\$72,961	\$74,211
Less: Transfer from Sewer Collection Replacement Fund ⁽²⁾			\$1,000,000							
Total Cash Out	\$2,579,104	\$2,500,377	\$2,773,741	\$3,752,979	\$3,360,234	\$3,420,169	\$3,479,211	\$3,540,438	\$3,603,567	\$3,668,997
Net Cash Flow	(\$436,494)	(\$340,716)	\$133,574	(\$566,809)	(\$105,332)	(\$85,513)	(\$76,414)	(\$20,911)	(\$46,962)	\$19,645
Sewer Utility Reserves										
Beginning Balance	\$6,321,807	\$5,885,313	\$5,544,597	\$5,678,171	\$5,111,362	\$5,006,030	\$4,920,517	\$4,844,103	\$4,823,192	\$4,776,230
Net Cash Flow	(\$436,494)	(\$340,716)	\$133,574	(\$566,809)	(\$105,332)	(\$85,513)	(\$76,414)	(\$20,911)	(\$46,962)	\$19,645
Ending Balance	\$5,885,313	\$5,544,597	\$5,678,171	\$5,111,362	\$5,006,030	\$4,920,517	\$4,844,103	\$4,823,192	\$4,776,230	\$4,795,876
Unrestricted Reserves	\$3,840,873	\$7,716,040	\$2,849,614	\$2,282,805	\$2,177,473	\$2,091,960	\$2,015,546	\$1,994,635	\$1,947,674	\$1,967,319
Restricted Reserves	\$2,044,440	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557
Total Reserves	\$5,885,313	\$5,544,597	\$5,678,171	\$5,111,362	\$5,006,030	\$4,920,517	\$4,844,103	\$4,823,192	\$4,776,230	\$4,795,876
Recommended Reserves										
Unrestricted Reserves	\$400,089	\$460,397	\$470,495	\$480,581	\$490,522	\$501,058	\$511,301	\$521,942	\$532,888	\$544,321
Operating Reserve	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Capital Reserve										
Restricted Reserves	\$0	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117
DNR Grant Replacement Account	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440
Total	\$2,944,529	\$3,788,954	\$3,799,052	\$3,809,137	\$3,819,079	\$3,829,615	\$3,839,857	\$3,850,498	\$3,861,445	\$3,872,878
Sewer Collection System Replacement Fund										
Beginning Balance	\$1,076,512	\$1,152,300	\$1,209,907	\$269,321	\$329,701	\$391,037	\$453,251	\$516,543	\$580,822	\$646,095
Transfer from Sewer Utility	\$59,640	\$57,608	\$59,414	\$60,379	\$61,336	\$62,213	\$63,292	\$64,279	\$65,274	\$66,395
Expenditures ⁽²⁾		\$0	(\$1,000,000)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Ending Balance	\$1,152,300	\$1,209,907	\$269,321	\$329,701	\$391,037	\$453,251	\$516,543	\$580,822	\$646,095	\$712,491

Notes:
 (1) Funds transferred to the City and Village for collection system costs.
 (2) Funds to be used for the Hwy 35 / 2nd Street trunk sewer replacement project in 2021.



Table 7 - Forecast Cash Flows: 11 Percent Increase in 2021, 38 Percent Increase in 2022

	Current Year		Test Year							
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Projected Demand Change		6.1%	3.1%	1.6%	1.6%	1.4%	1.7%	1.6%	1.5%	1.7%
Customer Growth		128	124	126	127	123	127	125	125	127
Projected Average Expense Change		15.1%	2.2%	2.1%	2.1%	2.1%	2.0%	2.1%	2.1%	2.1%
Projected Rate Increase		0.0%	11.0%	38.0%	0.0%	2.0%	0.0%	2.0%	0.0%	2.0%
Revenues										
Subtotal User Charge Revenues	\$1,944,250	\$1,944,250	\$2,158,118	\$2,978,202	\$3,025,398	\$3,130,037	\$3,184,300	\$3,298,628	\$3,349,688	\$3,475,389
Less: Charges for City/Village Collection Systems ⁽¹⁾	(\$71,000)	(\$68,580)	(\$70,731)	(\$71,880)	(\$73,019)	(\$74,064)	(\$75,348)	(\$76,522)	(\$77,707)	(\$79,042)
Subtotal Other Operating Revenues	\$42,560	\$61,245	\$63,212	\$41,823	\$46,309	\$51,030	\$52,724	\$51,020	\$48,581	\$49,933
Subtotal Non-Operating Revenues	\$226,800	\$222,746	\$231,768	\$238,025	\$256,213	\$227,653	\$241,121	\$246,402	\$236,043	\$242,362
Total Cash In	\$2,142,610	\$2,159,661	\$2,382,367	\$3,186,171	\$3,254,902	\$3,334,656	\$3,402,797	\$3,519,527	\$3,556,605	\$3,688,643
Expenses										
Subtotal O&M	\$1,600,354	\$1,841,589	\$1,881,980	\$1,922,322	\$1,962,088	\$2,004,233	\$2,045,203	\$2,087,767	\$2,131,553	\$2,177,285
Debt Service	\$0	\$0	\$136,429	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117
Capital Outlay	\$916,750	\$13,295,000	\$1,690,000	\$980,450	\$546,364	\$562,754	\$579,637	\$597,026	\$614,937	\$633,385
Less: New Borrowing	\$12,700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transfer to General Fund per Intermunicipal Contract	\$62,000	\$63,788	\$65,331	\$66,091	\$67,666	\$69,065	\$70,255	\$71,528	\$72,961	\$74,211
Less: Transfer from Sewer Collection Replacement Fund ⁽²⁾		\$1,000,000								
Total Cash Out	\$2,579,104	\$2,500,377	\$2,773,741	\$3,752,979	\$3,360,234	\$3,420,169	\$3,479,211	\$3,540,438	\$3,603,567	\$3,668,997
Net Cash Flow	(\$436,494)	(\$340,716)	(\$391,374)	(\$566,809)	(\$105,332)	(\$85,513)	(\$76,414)	(\$20,911)	(\$46,962)	\$19,645
Sewer Utility Reserves										
Beginning Balance	\$6,321,807	\$5,885,313	\$5,544,597	\$5,153,223	\$4,586,414	\$4,481,082	\$4,395,569	\$4,319,155	\$4,298,244	\$4,251,283
Net Cash Flow	(\$436,494)	(\$340,716)	(\$391,374)	(\$566,809)	(\$105,332)	(\$85,513)	(\$76,414)	(\$20,911)	(\$46,962)	\$19,645
Ending Balance	\$5,885,313	\$5,544,597	\$5,153,223	\$4,586,414	\$4,481,082	\$4,395,569	\$4,319,155	\$4,298,244	\$4,251,283	\$4,270,928
Unrestricted Reserves	\$3,840,873	\$2,716,040	\$2,324,667	\$1,757,858	\$1,652,526	\$1,567,013	\$1,490,599	\$1,469,688	\$1,422,726	\$1,442,372
Restricted Reserves	\$2,044,440	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557
Total Reserves	\$5,885,313	\$5,544,597	\$5,153,223	\$4,586,414	\$4,481,082	\$4,395,569	\$4,319,155	\$4,298,244	\$4,251,283	\$4,270,928
Recommended Reserves										
Unrestricted Reserves	\$400,089	\$460,397	\$470,495	\$480,581	\$490,522	\$501,058	\$511,301	\$521,942	\$532,888	\$544,321
Operating Reserve	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Capital Reserve	\$0	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117
Restricted Reserves	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440
Debt Service	\$2,944,529	\$3,788,954	\$3,799,052	\$3,809,137	\$3,819,079	\$3,829,615	\$3,839,857	\$3,850,498	\$3,861,445	\$3,872,878
DNR Grant Replacement Account										
Total	\$1,076,512	\$1,152,300	\$1,209,907	\$269,321	\$329,701	\$391,037	\$453,251	\$516,543	\$580,822	\$646,095
Sewer Collection System Replacement Fund	\$59,640	\$57,608	\$59,414	\$60,379	\$61,336	\$62,213	\$63,292	\$64,279	\$65,274	\$66,395
Beginning Balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transfer from Sewer Utility	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Expenditures ⁽²⁾	\$1,152,300	\$1,209,907	\$269,321	\$329,701	\$391,037	\$453,251	\$516,543	\$580,822	\$646,095	\$712,491
Ending Balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Notes:
(1) Funds transferred to the City and Village for collection system costs.
(2) Funds to be used for the Hwy 35 / 2nd Street trunk sewer replacement project in 2021.



Table 8 - Forecast Cash Flows: 23.7 Percent Increase in 2021, 23.7 Percent Increase in 2022

	Current Year		Test Year									
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
Projected Demand Change		6.1%	3.1%	1.6%	1.6%	1.4%	1.7%	1.6%	1.5%	1.7%		
Customer Growth		128	124	126	127	123	127	125	125	127		
Projected Average Expense Change		15.1%	2.2%	2.1%	2.1%	2.1%	2.0%	2.1%	2.1%	2.1%		
Projected Rate Increase		0.0%	23.7%	23.7%	0.0%	2.0%	0.0%	2.0%	0.0%	2.0%		
Revenues												
Subtotal User Charge Revenues	\$1,944,250	\$1,944,250	\$2,405,037	\$2,975,031	\$3,022,177	\$3,126,705	\$3,180,909	\$3,295,115	\$3,346,122	\$3,471,689		
Less: Charges for City/Village Collection Systems ⁽¹⁾	(\$71,000)	(\$68,580)	(\$70,731)	(\$71,880)	(\$73,019)	(\$74,064)	(\$75,348)	(\$76,522)	(\$77,707)	(\$79,042)		
Subtotal Other Operating Revenues	\$42,560	\$61,245	\$63,212	\$41,823	\$46,309	\$51,030	\$52,724	\$51,020	\$48,581	\$49,933		
Subtotal Non-Operating Revenues	\$226,800	\$222,746	\$221,768	\$238,025	\$256,213	\$227,653	\$241,121	\$246,042	\$236,043	\$242,362		
Total Cash In	\$2,142,610	\$2,159,661	\$2,629,287	\$3,183,000	\$3,251,680	\$3,331,324	\$3,399,407	\$3,516,015	\$3,553,039	\$3,684,942		
Expenses												
Subtotal O&M	\$1,600,354	\$1,841,589	\$1,881,980	\$1,922,322	\$1,962,088	\$2,004,233	\$2,045,203	\$2,087,767	\$2,131,553	\$2,177,285		
Debt Service	\$0	\$0	\$136,429	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117		
Capital Outlay	\$916,750	\$13,295,000	\$1,690,000	\$980,450	\$546,364	\$562,754	\$579,637	\$597,026	\$614,937	\$633,385		
Less: New Borrowing	\$12,700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Transfer to General Fund per Intermunicipal Contract	\$62,000	\$63,788	\$65,331	\$66,091	\$67,666	\$69,065	\$70,255	\$71,528	\$72,961	\$74,211		
Less: Transfer from Sewer Collection Replacement Fund ⁽²⁾		\$1,000,000										
Total Cash Out	\$2,579,104	\$2,500,377	\$2,773,741	\$3,752,979	\$3,360,234	\$3,420,169	\$3,479,211	\$3,540,438	\$3,603,567	\$3,668,997		
Net Cash Flow	(\$436,494)	(\$340,716)	(\$144,454)	(\$569,980)	(\$108,553)	(\$88,846)	(\$79,805)	(\$24,423)	(\$50,528)	(\$15,945)		
Sewer Utility Reserves												
Beginning Balance	\$6,321,807	\$5,885,313	\$5,544,597	\$5,400,143	\$4,830,163	\$4,721,610	\$4,632,764	\$4,552,959	\$4,528,536	\$4,478,008		
Net Cash Flow	(\$436,494)	(\$340,716)	(\$144,454)	(\$569,980)	(\$108,553)	(\$88,846)	(\$79,805)	(\$24,423)	(\$50,528)	(\$15,945)		
Ending Balance	\$5,885,313	\$5,544,597	\$5,400,143	\$4,830,163	\$4,721,610	\$4,632,764	\$4,552,959	\$4,528,536	\$4,478,008	\$4,493,953		
Unrestricted Reserves	\$3,840,873	\$2,716,040	\$2,571,586	\$2,001,606	\$1,893,053	\$1,804,207	\$1,724,403	\$1,699,980	\$1,649,451	\$1,665,396		
Restricted Reserves	\$2,044,440	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557	\$2,828,557		
Total Reserves	\$5,885,313	\$5,544,597	\$5,400,143	\$4,830,163	\$4,721,610	\$4,632,764	\$4,552,959	\$4,528,536	\$4,478,008	\$4,493,953		
Recommended Reserves												
Unrestricted Reserves	\$400,089	\$460,397	\$470,495	\$480,581	\$490,522	\$501,058	\$511,301	\$521,942	\$532,888	\$544,321		
Capital Reserve	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000		
Restricted Reserves	\$0	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117	\$784,117		
Debt Service	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440	\$2,044,440		
DNR Grant Replacement Account	\$2,944,529	\$3,788,954	\$3,799,052	\$3,809,137	\$3,819,079	\$3,829,615	\$3,839,857	\$3,850,498	\$3,861,445	\$3,872,878		
Total	\$1,076,512	\$1,152,300	\$1,209,907	\$1,269,321	\$329,701	\$391,037	\$453,251	\$516,543	\$580,822	\$646,095		
Sewer Collection System Replacement Fund	\$59,640	\$57,608	\$59,414	\$60,379	\$61,336	\$62,213	\$63,292	\$64,279	\$65,274	\$66,395		
Beginning Balance	\$1,152,300	\$1,209,907	\$269,321	\$329,701	\$391,037	\$453,251	\$516,543	\$580,822	\$646,095	\$712,491		
Transfer from Sewer Utility	\$0	\$0	(\$1,000,000)	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Expenditures ⁽²⁾												
Ending Balance	\$1,152,300	\$1,209,907	\$269,321	\$329,701	\$391,037	\$453,251	\$516,543	\$580,822	\$646,095	\$712,491		

Notes:

- (1) Funds transferred to the Village and the City for collection system costs.
- (2) Funds to be used for the Hwy 35 / 2nd Street trunk sewer replacement project in 2021.

REVENUE REQUIREMENTS AND COST-OF-SERVICE ANALYSIS

The tables attached to this report as an appendix show the detailed revenue requirements and the cost of service analysis based on projected 2022 revenue requirements. The cost of service analysis allocates the utility's revenue requirements first to utility functions and then to each customer class. Rates were calculated to recover the costs for 2022, and then stepped-in rates for 2021 were developed to phase in the rate increase. Finally, the estimated revenues at the proposed rates for 2020 through 2022 were calculated. Utility revenue requirements include operation and maintenance expense, debt service, and capital improvements.

Costs were first allocated to the functions served by the utility. Each of the utility's costs was split between costs to provide collector sewer conveyance, wastewater treatment for average daily volume, costs to provide peak (maximum day) treatment capacity, costs to treat pollutant loadings (BOD, TSS, phosphorus and NH-3), and customer costs that are relatively fixed per customer or meter.

Costs were then allocated to each customer class (residential, multi-family, commercial, industrial, public authority) based on the demand characteristics of each customer class. A portion of the conveyance system, average day and peak day flow costs were allocated to infiltration and inflow (I/I) based on forecast percentage of I/I on an average and peak day basis. Costs allocated to I/I are proposed to be recovered through the flat charge, as the amount of I/I in the system is related more closely to the number of customers, size of sewer laterals and feet of sewer main rather than the volume of wastewater generated by each customer.

PROPOSED RATE SCHEDULE

The targeted overall increase in user charge revenues by 2022 is approximately 46.5 percent. The following tables show the specific schedule of rates for 2021 and 2022 under each of the three options for phasing in the rate increase. Rate increases for specific types of charges vary from the overall rate increase.

Table 9 - Proposed Phased-In Rate Schedule – Increase of 38 Percent in 2021 and 11 Percent in 2022

Flat Charge

Connection Size	Current Charge	2020	Percent Change	2021	Percent Change	2022	Percent Change
5/8	\$7.60	\$7.60	0%	\$11.53	52%	\$12.80	11%
3/4	\$7.60	\$7.60	0%	\$11.53	52%	\$12.80	11%
1	\$8.45	\$8.45	0%	\$21.71	157%	\$24.10	11%
1 1/4	\$9.50	\$9.50	0%	\$30.72	223%	\$34.10	11%
1 1/2	\$10.35	\$10.35	0%	\$39.73	284%	\$44.10	11%
2	\$11.15	\$11.15	0%	\$62.16	458%	\$69.00	11%
2 1/2	\$11.70	\$11.70	0%	\$87.84	651%	\$97.50	11%
3	\$12.50	\$12.50	0%	\$107.66	761%	\$119.50	11%
4	\$0.00	\$0.00	NA	\$170.54	NA	\$189.30	11%
6	\$0.00	\$0.00	NA	\$319.91	NA	\$355.10	11%
8	\$0.00	\$0.00	NA	\$498.11	NA	\$552.90	11%
10	\$0.00	\$0.00	NA	\$734.05	NA	\$814.80	11%
12	\$0.00	\$0.00	NA	\$969.91	NA	\$1,076.60	11%

Usage Charges

	Units	Current Rate	2020	Percent Change	2021	Percent Change	2022	Percent Change
Domestic Sewage	\$/CCF	\$3.00	\$3.00	0%	\$3.83	28%	\$4.25	11%
Landfill Leachate	\$/CCF	\$0.00	\$2.00	NA	\$2.77	38%	\$3.07	11%
	\$/1,000 gals	\$0.00	\$2.68	NA	\$3.70	38%	\$4.11	11%
	per load	\$0.00	\$0.44	NA	\$0.61	38%	\$0.68	11%

Surcharge Rates

BOD	\$/pound	\$0.00	\$0.50	NA	\$0.68	38%	\$0.76	11%
TSS	\$/pound	\$0.00	\$0.47	NA	\$0.65	38%	\$0.72	11%
Phosphorus	\$/pound	\$0.00	\$4.18	NA	\$5.77	38%	\$6.41	11%
TKN	\$/pound	\$0.00	\$0.80	NA	\$1.10	38%	\$1.22	11%

Table 10 - Proposed Phased-In Rate Schedule – Increase of 11 Percent in 2021 and 38 Percent in 2022

Flat Charge

Connection Size	Current Charge	2020	Percent Change	2021	Percent Change	2022	Percent Change
5/8	\$7.60	\$7.60	0%	\$9.28	22%	\$12.80	38%
3/4	\$7.60	\$7.60	0%	\$9.28	22%	\$12.80	38%
1	\$8.45	\$8.45	0%	\$17.46	107%	\$24.10	38%
1 1/4	\$9.50	\$9.50	0%	\$24.71	160%	\$34.10	38%
1 1/2	\$10.35	\$10.35	0%	\$31.96	209%	\$44.10	38%
2	\$11.15	\$11.15	0%	\$50.00	348%	\$69.00	38%
2 1/2	\$11.70	\$11.70	0%	\$70.65	504%	\$97.50	38%
3	\$12.50	\$12.50	0%	\$86.59	593%	\$119.50	38%
4	\$0.00	\$0.00	NA	\$137.10	NA	\$189.20	38%
6	\$0.00	\$0.00	NA	\$257.25	NA	\$355.00	38%
8	\$0.00	\$0.00	NA	\$400.65	NA	\$552.90	38%
10	\$0.00	\$0.00	NA	\$590.36	NA	\$814.70	38%
12	\$0.00	\$0.00	NA	\$780.14	NA	\$1,076.60	38%

Usage Charges

	Units	Current Rate	2020	Percent Change	2021	Percent Change	2022	Percent Change
Domestic Sewage	\$/CCF	\$3.00	\$3.00	0%	\$3.08	3%	\$4.25	38%
Landfill Leachate	\$/CCF	\$0.00	\$2.01	NA	\$2.23	11%	\$3.08	38%
	\$/1,000 gals	\$0.00	\$2.68	NA	\$2.98	11%	\$4.11	38%
	per load	\$0.00	\$0.44	NA	\$0.49	11%	\$0.68	38%

Surcharge Rates

BOD	\$/pound	\$0.00	\$0.50	NA	\$0.55	11%	\$0.76	38%
TSS	\$/pound	\$0.00	\$0.47	NA	\$0.52	11%	\$0.72	38%
Phosphorus	\$/pound	\$0.00	\$4.18	NA	\$4.64	11%	\$6.40	38%
TKN	\$/pound	\$0.00	\$0.79	NA	\$0.88	11%	\$1.21	38%

Table 11 - Proposed Phased-In Rate Schedule – Increase of 23.7 Percent in 2021 and 23.7 Percent in 2022

Flat Charge

Connection Size	Current Charge	2020	Percent Change	2021	Percent Change	2022	Percent Change
5/8	\$7.60	\$7.60	0%	\$10.35	36%	\$12.80	24%
3/4	\$7.60	\$7.60	0%	\$10.35	36%	\$12.80	24%
1	\$8.45	\$8.45	0%	\$19.48	131%	\$24.10	24%
1 1/4	\$9.50	\$9.50	0%	\$27.57	190%	\$34.10	24%
1 1/2	\$10.35	\$10.35	0%	\$35.65	244%	\$44.10	24%
2	\$11.15	\$11.15	0%	\$55.78	400%	\$69.00	24%
2 1/2	\$11.70	\$11.70	0%	\$78.74	573%	\$97.40	24%
3	\$12.50	\$12.50	0%	\$96.60	673%	\$119.50	24%
4	\$0.00	\$0.00	NA	\$152.95	NA	\$189.20	24%
6	\$0.00	\$0.00	NA	\$286.98	NA	\$355.00	24%
8	\$0.00	\$0.00	NA	\$446.89	NA	\$552.80	24%
10	\$0.00	\$0.00	NA	\$658.61	NA	\$814.70	24%
12	\$0.00	\$0.00	NA	\$870.25	NA	\$1,076.50	24%

Usage Charges

	Units	Current Rate	2020	Percent Change	2021	Percent Change	2022	Percent Change
Domestic Sewage	\$/CCF	\$3.00	\$3.00	0%	\$3.44	15%	\$4.25	24%
Landfill Leachate	\$/CCF	\$0.00	\$2.01	NA	\$2.48	24%	\$3.07	24%
	\$/1,000 gals	\$0.00	\$2.69	NA	\$3.32	24%	\$4.11	24%
	per load	\$0.00	\$0.44	NA	\$0.55	24%	\$0.68	24%

Surcharge Rates

BOD	\$/pound	\$0.00	\$0.50	NA	\$0.61	24%	\$0.76	24%
TSS	\$/pound	\$0.00	\$0.47	NA	\$0.58	24%	\$0.72	24%
Phosphorus	\$/pound	\$0.00	\$4.18	NA	\$5.17	24%	\$6.39	24%
TKN	\$/pound	\$0.00	\$0.79	NA	\$0.98	24%	\$1.21	24%

COMMUNITY RATE COMPARISON

To provide context for the proposed rates for Hudson, a comparison with the sewer user rates charged by other communities in the region was prepared. The two communities in Minnesota included in the comparison were chosen because they have their own wastewater treatment plant and are comparable to Hudson. The basis of the charges, and the estimated total annual bill for a residential customer for each community are shown in the following table. As shown, for a customer using 4,850 cubic feet or 36,278 gallons of water per year, the estimated annual sewer bill under current Hudson rates would be \$175.90 per year. Under the proposed rates for 2022, this would increase to \$257.33, or a total increase of \$20.36 per quarter. Even with the

increase, the average bill would remain significantly below the average or median bill for the other regional communities.

Table 12 - Regional Comparison of Average Residential Bills

Community	Fixed Charge	Bills per Year	Volume Rate	Annual Usage	Units	Annual Bill
Roberts	\$81.50	4	\$17.74	36,278	gallons	\$969.57
Hammond	\$14.75	12	\$13.39	36,278	gallons	\$662.76
Star Prairie	\$50.00	12	\$0.00	36,278	gallons	\$600.00
Wyoming, MN	\$30.06	4	\$12.80	36,278	gallons	\$584.60
Osceola	\$35.00	4	\$9.00	4,850	ft ³	\$576.50
Somerset	\$8.92	12	\$11.14	36,278	gallons	\$511.18
Ashland	\$15.92	12	\$6.21	4,850	ft ³	\$492.23
River Falls	\$16.50	12	\$7.04	36,278	gallons	\$453.40
Lindstrom, MN	\$32.00	4	\$8.86	36,278	gallons	\$449.26
Amery	\$42.27	4	\$5.33	36,278	gallons	\$362.44
New Richmond	\$8.50	12	\$6.68	36,278	gallons	\$344.34
Baldwin	\$27.30	4	\$5.28	36,278	gallons	\$300.75
Hudson (proposed 2022)	\$12.80	4	\$4.25	4,850	ft³	\$257.33
Chippewa Falls	\$17.01	4	\$2.85	4,850	ft ³	\$206.27
Menomonie	\$18.00	4	\$2.70	4,850	ft ³	\$202.95
Glenwood City	\$29.00	4	\$2.32	36,278	gallons	\$200.16
Hudson (current)	\$7.60	4	\$3.00	4,850	ft³	\$175.90
Rice Lake	\$4.40	12	\$3.08	36,278	gallons	\$164.54
Average w/o Hudson						\$442.56
Median w/o Hudson						\$451.33

A similar comparison was prepared for an average non-residential customer in Hudson using 28,700 cubic feet, or 214,676 gallons per year, with a 3/4" meter. Under current rates, this customer would receive an annual bill of \$894.80. Under the proposed increase for 2022, the annual bill would increase to \$1,316.15, or an increase of \$105.34 per quarter. Again, this would keep the average non-residential bill well below the median for the region.

Table 13 - Regional Comparison of Average Non-Residential Bills

Community	Fixed Charge	Bills per Year	Volume Rate	Annual Usage	Units	Annual Bill
Roberts	\$81.50	4	\$17.74	214,676	gallons	\$4,134.35
Hammond	\$14.75	12	\$13.39	214,676	gallons	\$3,051.51
Wyoming, MN	\$30.06	4	\$12.80	214,676	gallons	\$2,868.09
Osceola	\$35.00	4	\$9.00	28,700	ft ³	\$2,723.00
Somerset	\$22.71	12	\$11.14	214,676	gallons	\$2,664.01
Ashland	\$36.00	12	\$6.21	28,700	ft ³	\$2,214.27
Lindstrom, MN	\$32.00	4	\$9.28	214,676	gallons	\$2,119.30
River Falls	\$22.50	12	\$7.04	214,676	gallons	\$1,781.32
New Richmond	\$12.90	4	\$6.68	214,676	gallons	\$1,485.64
Amery	\$55.79	4	\$5.33	214,676	gallons	\$1,367.38
Hudson (proposed 2022)	\$24.10	4	\$4.25	28,700	ft³	\$1,316.15
Baldwin	\$36.07	4	\$5.28	214,676	gallons	\$1,277.77
Hudson (current)	\$8.45	4	\$3.00	28,700	ft³	\$894.80
Chippewa Falls	\$17.01	4	\$2.85	28,700	ft ³	\$885.99
Menomonie	\$18.00	4	\$2.70	28,700	ft ³	\$846.90
Rice Lake	\$4.40	12	\$3.08	214,676	gallons	\$714.00
Glenwood City	\$29.00	4	\$2.32	214,676	gallons	\$614.05
Star Prairie	\$50.00	12	\$0.00	214,676	gallons	\$600.00
Average w/o Hudson						\$1,834.22
Median w/o Hudson						\$1,633.48

RECOMMENDATIONS

It is recommended that the City phase in the rate increase according to one of the schedules shown in Tables 8-10 and continue to monitor the financial health of the utility for the necessity of additional future rate increases as presented in the cash flow forecasts. This will allow the Wastewater Utility to generate the revenue needed to provide adequate funding for the utility's operation and maintenance expenses and capital improvement program while maintaining the utility's reserve funds at the recommended levels.

**APPENDIX A – SEWER UTILITY COST OF SERVICE STUDY AND PROPOSED RATE
DESIGN**

Allocation of Operation and Maintenance Expenses to Service Cost Functions

YEAR		2022												
Acct No.	Alloc No.	Account Description	Total (\$)	CONVEYANCE		FLOW		TREATMENT PLANT				CUSTOMER COSTS		
				Collection System (\$)	Interceptor System (\$)	Average (\$)	Peak (\$)	BOD (\$)	TSS (\$)	P (\$)	NH-3 (\$)	Billing (\$)	Equivalent Meter (\$)	Equivalent Service (\$)
WASTEWATER TREATMENT & DISPOSAL														
	5	Salaries and Wages	219,906			43,981	0	65,972	65,972	21,991	21,991			
	5	FICA	15,963			3,193	0	4,789	4,789	1,596	1,596			
	5	Retirement	14,355			2,871	0	4,306	4,306	1,435	1,435			
	5	Health Insurance	83,156			16,631	0	24,947	24,947	8,316	8,316			
	7	Utilities - Electricity	111,675			44,670	0	27,919	22,335	11,168	5,584			
	7	Utilities - Gas	14,166			5,666	0	3,542	2,833	1,417	708			
Propor.		Contractual Services	142,245	0	0	18,383	0	56,161	45,880	11,404	10,416	0	0	0
	8	Chemicals	29,056			0	0	17,433	0	5,811	5,811			
Propor.		Supplies	58,135	0	0	7,513	0	22,953	18,751	4,661	4,257	0	0	0
	6	Biosolids Charges	417,139			0	0	208,570	166,856	20,857	20,857			
Propor.		Other Services & Charges	0	0	0	0	0	0	0	0	0	0	0	0
LIFT STATIONS & PUMPING EQUIPMENT														
	1	Salaries and Wages	27,536			22,947	4,589	0	0	0	0			
	1	GASB 68	22,469			18,724	3,745	0	0	0	0			
	1	FICA	2,024			1,687	337	0	0	0	0			
	1	Retirement	1,843			1,536	307	0	0	0	0			
	1	Health Insurance	9,336			7,780	1,556	0	0	0	0			
	1	Utilities - Electricity	22,297			18,581	3,716	0	0	0	0			
	1	Utilities - Gas	364			303	61	0	0	0	0			
	1	Contractual Services	6,228			5,190	1,038	0	0	0	0			
	1	Supplies	909			757	151	0	0	0	0			
	1	Other Services & Charges	0			0	0	0	0	0	0			
WASTEWATER COLLECTION SYSTEM														
Coll		Salaries and Wages	91,804	91,804										
Coll		FICA	6,675	6,675										
Coll		Retirement	6,116	6,116										
Coll		Health Insurance	31,584	31,584										
Coll		Contractual Services	57,115	57,115										
Coll		Supplies	3,947	3,947										
Coll		Other Services & Charges	0	0										
DAMS														
Propor.		Salaries and Wages	2,879	407	0	455	32	900	735	183	167	0	0	0
Propor.		FICA	213	30	0	34	2	67	54	14	12	0	0	0
Propor.		Retirement	193	27	0	30	2	60	49	12	11	0	0	0
Propor.		Health Insurance	1,119	158	0	177	12	350	286	71	65	0	0	0
Propor.		Contractual Services	1,934	273	0	305	21	605	494	123	112	0	0	0
Propor.		Utilities - Electricity	803	113	0	127	9	251	205	51	47	0	0	0
Propor.		Supplies	0	0	0	0	0	0	0	0	0	0	0	0
METER READING														
Cust		Salaries and Wages	11,195									11,195		
Cust		FICA	796									796		

YEAR	2022
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Acct No.	Alloc No.	Account Description	Total	CONVEYANCE		FLOW		TREATMENT PLANT				CUSTOMER COSTS		
				Collection System	Interceptor System	Average	Peak	BOD	TSS	P	NH-3	Billing	Equivalent Meter	Equivalent Service
	Cust	Retirement	709									709		
	Cust	Health Insurance	3,398									3,398		
	Cust	Contractual Services	856									856		
	Propor.	Supplies	6,439									538	5,901	
	Meter	Meter Use Charge Paid to Water Utility	185,973										185,973	
		SUBTOTAL	1,612,549	198,250	0	221,542	15,580	438,825	358,494	89,109	81,385	17,491	191,874	0
		Subtotal for allocation of G & A expenses	1,612,549	198,250	0	221,542	15,580	438,825	358,494	89,109	81,385	17,491	191,874	0
		PERCENTAGE		12.29%	0.00%	13.74%	0.97%	27.21%	22.23%	5.53%	5.05%	1.08%	11.90%	0.00%
		GENERAL AND ADMINISTRATIVE EXPENSES												
	Gen	Salaries and Wages	135,699	16,683	0	18,643	1,311	36,928	30,168	7,499	6,849	1,472	16,147	0
	Gen	GASB 68	21,931	2,696	0	3,013	212	5,968	4,876	1,212	1,107	238	2,610	0
	Gen	FICA	9,941	1,222	0	1,366	96	2,705	2,210	549	502	108	1,183	0
	Gen	Retirement	9,080	1,116	0	1,248	88	2,471	2,019	502	458	98	1,080	0
	Gen	Health Insurance	45,282	5,567	0	6,221	438	12,323	10,067	2,502	2,285	491	5,388	0
	Gen	Contractual Services	27,708	3,406	0	3,807	268	7,540	6,160	1,531	1,398	301	3,297	0
	Gen	Supplies	4,344	534	0	597	42	1,182	966	240	219	47	517	0
	Gen	Insurance	55,787	6,859	0	7,664	539	15,181	12,402	3,083	2,816	605	6,638	0
	Gen	Other Services & Charges	0	0	0	0	0	0	0	0	0	0	0	0
		SUBTOTAL	309,773	38,084	0	42,559	2,993	84,299	68,867	17,118	15,634	3,360	36,859	0
		TOTAL	1,922,322	236,334	0	264,100	18,573	523,124	427,361	106,227	97,019	20,851	228,733	0

Allocation of Total Plant to Service Cost Functions

Acct No.	Alloc No.	Account Description	Average Balance (\$)	CONVEYANCE		FLOW		TREATMENT PLANT				CUSTOMER COSTS		
				Collection System (\$)	Interceptor System (\$)	Average (\$)	Peak (\$)	BOD (\$)	TSS (\$)	P (\$)	NH-3 (\$)	Billing (\$)	Equivalent Meter (\$)	Equivalent Service (\$)
		INTANGIBLE PROPERTY												
Cust		Misc. intangible property	0									0		
		COLLECTION SYSTEM												
Prop.		Land and land rights	0	0	0	0	0	0	0	0	0	0	0	0
Serv.		Service connections, traps and accessories	0											0
Coll		Collecting mains	680,920	680,920										
Int		Interceptor mains	0		0									
Int		Force mains	0		0									
Coll		Structures and improvements	0	0										
Coll		Receiving wells	0	0										
Coll		Electric pumping equipment	0	0										
Prop.		Other power pumping equipment	0	0	0	0	0	0	0	0	0	0	0	0
Prop.		Misc. pumping equipment	12,400	12,400	0	0	0	0	0	0	0	0	0	0
		TREATMENT AND DISPOSAL PLANT												
Prop.		Land and land rights	129,856			35,193	1,050	34,258	38,922	10,247	10,187			
5		Structures and improvements	10,547,988			2,109,598	0	3,164,396	3,164,396	1,054,799	1,054,799			
5		Electrical controls	804,635			160,927	0	241,391	241,391	80,464	80,464			
3		Preliminary treatment equipment	940,714			611,464	0	0	329,250	0	0			
2		Primary treatment equipment	207,974			103,987	0	20,797	83,189	0	0			
5		Secondary treatment equipment	1,253,173			250,635	0	375,952	375,952	125,317	125,317			
6		Advanced treatment equipment	925,800			0	0	462,900	370,320	46,290	46,290			
8		Chlorination equipment	83,276			0	0	49,966	0	16,655	16,655			
2		Sludge treatment and disposal equipment	1,006,547			503,274	0	100,655	402,619	0	0			
2		Biogas equipment	221,334			110,667	0	22,133	88,534	0	0			
1		Plant site piping	823,504			686,253	137,251	0	0	0	0			
7		Flow metering equipment	157,484			62,994	0	39,371	31,497	15,748	7,874			
1		Outfall sewer pipes	0			0	0	0	0	0	0			
Prop.		Other treatment and disposal plant equipment	645,902			175,050	5,223	170,398	193,596	50,967	50,668			
		SUBTOTAL TREATMENT AND DISPOSAL	17,748,187	0	0	4,810,040	143,524	4,682,217	5,319,665	1,400,487	1,392,253	0	0	0
		PERCENTAGE		0.00%	0.00%	27.10%	0.81%	26.38%	29.97%	7.89%	7.84%	0.00%	0.00%	0.00%
		SUBTOTAL COLLECTION, TREATMENT AND DISPOSAL	18,441,507	693,320	0	4,810,040	143,524	4,682,217	5,319,665	1,400,487	1,392,253	0	0	0
		PERCENTAGE		3.76%	0.00%	26.08%	0.78%	25.39%	28.85%	7.59%	7.55%	0.00%	0.00%	0.00%

Acct No.	Alloc No.	Account Description	CONVEYANCE			FLOW		TREATMENT PLANT				CUSTOMER COSTS			
			Average Balance	Collection System	Interceptor System	Average	Peak	WASTE TREATMENT				Billing	Equivalent Meter	Equivalent Service	
GENERAL PLANT															
Gen		Structure and improvements	819,800	30,821	0	213,826	6,380	208,144	236,481	62,257	61,891	0	0	0	
Gen		Office furniture and equipment	25,067	942	0	6,538	195	6,364	7,231	1,904	1,892	0	0	0	
Gen		Computers	47,520	1,787	0	12,394	370	12,065	13,708	3,609	3,588	0	0	0	
Gen		SCADA equipment	325,863	12,251	0	84,994	2,536	82,735	93,999	24,747	24,601	0	0	0	
Gen		Transportation equipment	397,393	14,940	0	103,651	3,093	100,896	114,632	30,179	30,001	0	0	0	
8		Laboratory and monitoring equipment	5,879			0	0	3,528	0	1,176	1,176				
Gen		Other general equipment	17,256	649	0	4,501	134	4,381	4,978	1,310	1,303	0	0	0	
Gen		Communication equipment	83,805	3,151	0	21,859	652	21,278	24,175	6,364	6,327	0	0	0	
			1,722,583	64,541	0	447,762	13,361	439,391	495,203	131,546	130,780	0	0	0	
		TOTAL	20,164,091	757,861	0	5,257,803	156,884	5,121,608	5,814,868	1,532,033	1,523,033	0	0	0	

Allocation of Debt to Service Cost Functions

Acct No.	Alloc No.	Account Description	Capital Financed through Debt (\$)	CONVEYANCE		FLOW		TREATMENT PLANT WASTE TREATMENT				CUSTOMER COSTS		
				Collection System (\$)	Interceptor System (\$)	Average (\$)	Peak (\$)	BOD (\$)	TSS (\$)	P (\$)	NH-3 (\$)	Billing (\$)	Equivalent Meter (\$)	Equivalent Service (\$)
INTANGIBLE PROPERTY														
Cust		Misc. intangible property	0									0		
COLLECTION SYSTEM														
Prop.		Land and land rights	0											
Serv.		Service connections, traps and accessories	0											0
Coll		Collecting mains	0	0										
Int		Interceptor mains	0		0									
Int		Force mains	0		0									
Coll		Structures and improvements	0	0										
Coll		Receiving wells	0	0										
Coll		Electric pumping equipment	0	0										
Prop.		Other power pumping equipment	0											
Prop.		Misc. pumping equipment	0											
TREATMENT AND DISPOSAL PLANT														
Prop.		Land and land rights	0			0	0	0	0	0	0			
5		Structures and improvements	5,855,900			1,171,180	0	1,756,770	1,756,770	585,590	585,590			
5		Electrical controls	0			0	0	0	0	0	0			
3		Preliminary treatment equipment	1,318,700			857,155	0	0	461,545	0	0			
2		Primary treatment equipment	0			0	0	0	0	0	0			
5		Secondary treatment equipment	832,900			166,580	0	249,870	249,870	83,290	83,290			
6		Advanced treatment equipment	1,750,000			0	0	875,000	700,000	87,500	87,500			
8		Chlorination equipment	0			0	0	0	0	0	0			
2		Sludge treatment and disposal equipment	1,147,400			573,700	0	114,740	458,960	0	0			
2		Biogas equipment	0			0	0	0	0	0	0			
1		Plant site piping	396,500			330,417	66,083	0	0	0	0			
7		Flow metering equipment	0			0	0	0	0	0	0			
1		Outfall sewer pipes	0			0	0	0	0	0	0			
Prop.		Other treatment and disposal plant equipment	279,700			76,698	1,636	74,158	89,769	18,720	18,720			
SUBTOTAL			11,581,100	0	0	3,175,730	67,719	3,070,538	3,716,914	775,100	775,100	0	0	0
PERCENTAGE				0.00%	0.00%	27.42%	0.58%	26.51%	32.09%	6.69%	6.69%	0.00%	0.00%	0.00%

Acct No.	Alloc No.	Account Description	Capital Financed through Debt	CONVEYANCE		FLOW		TREATMENT PLANT				CUSTOMER COSTS		
				Collection System	Interceptor System	Average	Peak	WASTE TREATMENT				Billing	Equivalent Meter	Equivalent Service
								BOD	TSS	P	NH-3			
GENERAL PLANT														
Gen		Structure and improvements	207,800	0	0	56,982	1,215	55,095	66,693	13,908	13,908	0	0	0
Gen		Office furniture and equipment	0	0	0	0	0	0	0	0	0	0	0	0
Gen		Computers	64,600	0	0	17,714	378	17,128	20,733	4,324	4,324	0	0	0
Gen		SCADA equipment	145,400	0	0	39,871	850	38,550	46,666	9,731	9,731	0	0	0
Gen		Transportation equipment	0	0	0	0	0	0	0	0	0	0	0	0
8		Laboratory and monitoring equipment	0	0	0	0	0	0	0	0	0	0	0	0
Gen		Other general equipment	0	0	0	0	0	0	0	0	0	0	0	0
Gen		Communication equipment	0	0	0	0	0	0	0	0	0	0	0	0
			417,800	0	0	114,568	2,443	110,773	134,091	27,963	27,963	0	0	0
		TOTAL	11,998,900	0	0	3,290,298	70,162	3,181,311	3,851,005	803,062	803,062	0	0	0

Summary of Allocation of Operating Costs to Service Cost Functions

YEAR		2022											
Retail Rate of Return		3.90%											
Net Asset Base		17,648,242											
Operating Cost	Total	CONVEYANCE			FLOW		TREATMENT PLANT				CUSTOMER COSTS		
		Collection System O&M	Interceptor System O&M	Collection System Replacement	Average	Peak	BOD	TSS	P	NH-3	Billing	Equivalent Meter	Equivalent Service
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Operation and Maintenance	1,922,322	236,334	0		264,100	18,573	523,124	427,361	106,227	97,019	20,851	228,733	0
Debt Service	784,117	0	0		215,018	4,585	207,896	251,659	52,479	52,479	0	0	0
City Sewer Collection System Replacement	60,379			60,379									
North Hudson Collection System Allowance	11,501			11,501									
Other Capital Improvements	253,207	0	0		68,623	2,048	66,800	75,894	19,980	19,863	0	0	0
Total	3,031,526	236,334	0	71,880	547,741	25,206	797,819	754,914	178,686	169,361	20,851	228,733	0
Wholesale Rate of Return		3.90%											
Net Asset Base		17,648,242											
Operating Cost	Total	CONVEYANCE			FLOW		TREATMENT PLANT				CUSTOMER COSTS		
		Collection System O&M	Interceptor System O&M	Collection System Replacement	Average	Peak	BOD	TSS	P	NH-3	Billing	Equivalent Meter	Equivalent Service
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Operation and Maintenance	1,922,322	236,334	0		264,100	18,573	523,124	427,361	106,227	97,019	20,851	228,733	0
Debt Service	784,117	0	0		215,018	4,585	207,896	251,659	52,479	52,479	0	0	0
City Sewer Collection System Replacement	60,379			60,379									
North Hudson Collection System Allowance	11,501			11,501									
Other Capital Improvements	253,207	0	0		68,623	2,048	66,800	75,894	19,980	19,863	0	0	0
Total	3,031,526	236,334	0	71,880	547,741	25,206	797,819	754,914	178,686	169,361	20,851	228,733	0
Overall Rate of Return		3.90%											
Net Asset Base		17,648,242											
Operating Cost	Total	CONVEYANCE			FLOW		TREATMENT PLANT				CUSTOMER COSTS		
		Collection System O&M	Interceptor System O&M	Other Collection System	Average	Peak	BOD	TSS	P	NH-3	Billing	Equivalent Meter	Equivalent Service
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Operation and Maintenance	1,922,322	236,334	0		264,100	18,573	523,124	427,361	106,227	97,019	20,851	228,733	0
Debt Service	784,117	0	0		215,018	4,585	207,896	251,659	52,479	52,479	0	0	0
City Sewer Collection System Replacement	60,379			60,379									
North Hudson Collection System Allowance	11,501			11,501									
Other Capital Improvements	253,207	0	0		68,623	2,048	66,800	75,894	19,980	19,863	0	0	0
Total	3,031,526	236,334	0	71,880	547,741	25,206	797,819	754,914	178,686	169,361	20,851	228,733	0

Customer Class Demand Allocation

YEAR		2022																							
Billing Units - CCF		BASE DEMAND					EXTRA-CAPACITY MAX DAY DEMAND						TREATMENT CATEGORIES												
Customer Class	Annual Volume	Average Day Volume	System Percent (%)	Collection Percent (%)	Collection System Replace. Percent (%)	Max Day / Average Day Ratio	Extra Capacity Ratio	Extra Capacity Volume Rate Per Day	Percent (%)	System Adjust. Percentage (%)	Coll. Adjust. Percentage (%)	Waste Strength (mg/l)	BOD		TSS		P		NH3						
													Loadings (lbs)	Percent (%)	Waste Strength (mg/l)	Loadings (lbs)	Percent (%)	Waste Strength (mg/l)	Loadings (lbs)	Percent (%)	Waste Strength (mg/l)	Loadings (lbs)	Percent (%)		
Residential	345,061	94,537	44.72%	44.74%	57.63%	1.20	0.20	18,907	57.59%	57.59%	57.63%	300	863,343	57.62%	300	863,343	57.60%	8.0	23,022	57.60%	40.0	115,112	57.60%		
Multi-Family	67,171	18,403	8.71%	8.71%	11.22%	1.20	0.20	3,681	11.21%	11.21%	11.22%	300	168,062	11.22%	300	168,062	11.21%	8.0	4,482	11.21%	40.0	22,408	11.21%		
Commercial	160,720	44,033	20.83%	20.84%	26.84%	1.20	0.20	8,807	26.82%	26.82%	26.84%	300	402,123	26.84%	300	402,123	26.83%	8.0	10,723	26.83%	40.0	53,616	26.83%		
Industrial	3,328	912	0.43%	0.43%	0.56%	1.20	0.20	182	0.56%	0.56%	0.56%	300	8,327	0.56%	300	8,327	0.56%	8.0	222	0.56%	40.0	1,110	0.56%		
Public Authority	22,469	6,156	2.91%	2.91%	3.75%	1.20	0.20	1,231	3.75%	3.75%	3.75%	300	56,217	3.75%	300	56,217	3.75%	8.0	1,499	3.75%	40.0	7,496	3.75%		
Landfill Leachate	297	81	0.04%	0.00%	0.00%	1.30	0.30	24	0.07%	0.07%	0.00%	100	248	0.02%	300	744	0.05%	8.0	20	0.05%	40.0	99	0.05%		
Inflow / Infiltration	172,501	47,261	22.36%	22.37%	0.00%	1.00	0.00	-	0.00%	0.00%	0.00%	-	-	0.00%	-	-	0.00%	-	-	0.00%	-	-	0.00%		
Total	771,548	211,383	100.0%	100.0%	100.0%			32,833	100.0%	100.0%	100.0%		1,498,320	100.0%		1,498,816	100.0%		39,968	100.0%		199,842	100.0%		

Consumer Costs Allocation Factors

		Number of Meters											Total	Percent
<u>Customer Class</u>	5/8	3/4	1	1 1/4	1 1/2	2	3	4	6	8	10	12	Meters	Total
Residential	6,706	248	6		1								6,961	90.87%
Multi-Family	11	7	17		18	19	6		1				79	1.03%
Commercial	322	37	98		66	28	3	-					554	7.23%
Industrial	10	2	7		5		2						26	0.34%
Public Authority	15	-	7		7	4	5	2	-				40	0.52%
Total	7,064	294	135	0	97	51	16	2	1	0	0	0	7,660	

		Equivalent Meters											Total	Percent	
Allocation factor:	Meter Size (Inches):	5/8	3/4	1	1 1/4	1 1/2	2	3	4	6	8	10	12	Equiv. Meters	Total
	Equiv. Meters Ratio:	1	1.0	2.5	3.7	5	8	15	25	50	80	120	160		

<u>Customer Class</u>	5/8	3/4	1	1 1/4	1 1/2	2	3	4	6	8	10	12	Total	Percent
Residential	6,706	248	15	-	5	-	-	-	-	-	-	-	6,974	78.11%
Multi-Family	11	7	43	-	90	152	90	-	50	-	-	-	443	4.96%
Commercial	322	37	245	-	330	224	45	-	-	-	-	-	1,203	13.47%
Industrial	10	2	18	-	25	-	30	-	-	-	-	-	85	0.95%
Public Authority	15	-	18	-	35	32	75	50	-	-	-	-	225	2.51%
Total	7,064	294	338	0	485	408	240	50	50	0	0	0	8,929	100.00%

		Equivalent Services											Total	Percent	
Allocation factor:	Meter Size (Inches):	5/8	3/4	1	1 1/4	1 1/2	2	3	4	6	8	10	12	Equiv. Services	Total
	Equiv. Services Ratio:	1	1.0	1.3	1.7	2	3	4	5	6	7	8	9		

<u>Customer Class</u>	5/8	3/4	1	1 1/4	1 1/2	2	3	4	6	8	10	12	Total	Percent
Residential	6,706	248	8	-	2	-	-	-	-	-	-	-	6,964	87.48%
Multi-Family	11	7	22	-	36	57	24	-	6	-	-	-	163	2.05%
Commercial	322	37	127	-	132	84	12	-	-	-	-	-	714	8.97%
Industrial	10	2	9	-	10	-	8	-	-	-	-	-	39	0.49%
Public Authority	15	-	9	-	14	12	20	10	-	-	-	-	80	1.01%
Total	7,064	294	176	0	194	153	64	10	6	0	0	0	7,961	100.00%

Allocation of Service Cost Functions to Customer Classes - Combined Retail and Wholesale ROI

TEST YEAR		2022						
CASH BASIS	Total	Residential	Multi-Family	Commercial	Industrial	Public Authority	Landfill Leachate	Infiltration / Inflow
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
CONVEYANCE COSTS:								
Collection O&M	236,334	105,737	20,583	49,249	1,020	6,885	0	52,860
Interceptor O&M	0	0	0	0	0	0	0	0
Other Collection System	71,880	41,425	8,064	19,295	400	2,697	0	0
FLOW COSTS:								
Average Flow	547,741	244,968	47,686	114,099	2,363	15,951	211	122,463
Peak Flow	25,206	14,515	2,826	6,761	140	945	19	0
TREATMENT COSTS:								
BOD	797,819	459,709	89,489	214,121	4,434	29,934	132	0
TSS	754,914	434,844	84,648	202,539	4,194	28,315	375	0
P	178,686	102,926	20,036	47,940	993	6,702	89	0
NH-3	169,361	97,555	18,990	45,439	941	6,352	84	0
CUSTOMER COSTS:								
Billing	20,851	18,948	215	1,508	71	109	0	
Equivalent Meters	228,733	178,662	11,336	30,819	2,165	5,751	0	
Equivalent Services	0	0	0	0	0	0	0	
SUBTOTAL COST before I/I	3,031,526	1,699,289	303,874	731,770	16,719	103,643	909	175,323
I/I Allocation %		70%	7%	19%	1%	3%	0%	
TOTAL COST after I/I	3,031,526	1,822,099	316,883	764,795	18,037	108,803	909	
LESS OTHER REVENUE	41,837	24,891	4,451	10,719	245	1,518	13	
		59%	11%	26%	1%	4%	0%	
COST OF SERVICES	2,989,690	1,797,208	312,432	754,077	17,792	107,285	896	
REVENUE AT PRESENT RATES	2,031,586	1,246,830	204,527	500,519	10,893	68,818	0	
DIFFERENCE	958,104	550,378	107,905	253,558	6,899	38,467	896	
PERCENT INCREASE/DECREASE	47.16%	44.14%	52.76%	50.66%	63.34%	55.90%	#DIV/0!	

General Service Charge Calculation

						Billing Cycle - Quarterly					
	Cost of Service	Allocated I/I	Units	Annual Billing Periods	Cost per Billing Cycle (\$/Unit)						
Billing Cost	\$20,851	\$0	7,660	4	\$0.68						
Equivalent Meters	\$228,733	\$0	8,929	4	\$6.40						
Equivalent Services	\$0	\$175,323	7,961	4	\$5.51						
	\$249,584	\$175,323									

Size of Connection	Billing Cost (\$/unit)	Equivalent Meter Ratio	Meter Cost (\$/unit)	Equivalent Service Ratio	Service Cost (\$/unit)	Calculated Charge (\$/unit)	Present Charge (\$/unit)	Proposed Service Charge (\$/unit)	No. Connections	Revenues at Present Rates	Revenues at Proposed Rates
5/8-inch	\$0.68	1.0	\$6.40	1.0	\$5.51	\$12.59	\$7.60	\$12.80	7,064	\$214,746	\$361,677
3/4-inch	\$0.68	1.0	\$6.40	1.0	\$5.51	\$12.59	\$7.60	\$12.80	294	\$8,938	\$15,053
1-inch	\$0.68	2.5	\$16.01	1.3	\$7.16	\$23.85	\$8.45	\$24.10	135	\$4,563	\$13,014
1 1/4-inch	\$0.68	3.7	\$23.70	1.7	\$9.36	\$33.74	\$9.50	\$34.10	-	\$0	\$0
1 1/2-inch	\$0.68	5.0	\$32.02	2.0	\$11.01	\$43.72	\$10.35	\$44.10	97	\$4,016	\$17,111
2-inch	\$0.68	8.0	\$51.24	3.0	\$16.52	\$68.44	\$11.15	\$69.00	51	\$2,275	\$14,076
2 1/2-inch	\$0.68	12.0	\$76.85	3.5	\$19.27	\$96.81	\$11.70	\$97.50	-	\$0	\$0
3-inch	\$0.68	15.0	\$96.07	4.0	\$22.02	\$118.77	\$12.50	\$119.50	16	\$800	\$7,648
4-inch	\$0.68	25.0	\$160.11	5.0	\$27.53	\$188.32		\$189.20	2	\$0	\$1,514
6-inch	\$0.68	50.0	\$320.23	6.0	\$33.04	\$353.95		\$355.00	1	\$0	\$1,420
8-inch	\$0.68	80.0	\$512.37	7.0	\$38.54	\$551.59		\$552.90	-	\$0	\$0
10-inch	\$0.68	120.0	\$768.55	8.0	\$44.05	\$813.28		\$814.70	-	\$0	\$0
12-inch	\$0.68	160.0	\$1,024.73	9.0	\$49.55	\$1,074.97		\$1,076.60	-	\$0	\$0
Total									7,660	\$235,337	\$431,512
Cost of Service											\$424,906
Percent of Cost											101.6%

Volumetric and Surcharge Rate Calculation

		Total	Residential	Multi-Family	Commercial	Industrial	Public Authority	Landfill Leachate
Allocated Cost - Volumetric		\$2,564,783	\$1,476,788	\$287,872	\$688,724	\$14,238	\$96,265	\$896
Billable Units	CCF	599,047	345,061	67,171	160,720	3,328	22,469	297
Calculated Rate	\$ / CCF		\$4.28	\$4.29	\$4.29	\$4.28	\$4.28	\$3.01
Proposed Rate	\$ / CCF		\$4.25	\$4.25	\$4.25	\$4.25	\$4.25	\$3.08
Allocated Cost - BOD		\$797,819					Billable Units - 1,000 Gallons	222
Billable Units	Pounds	1,069,090					Calculated Rate - 1,000 Gallons	\$4.03
Calculated Rate	\$ / lb.	\$0.746					Proposed Rate - 1,000 Gallons	\$4.11
Proposed Rate		\$0.76						
Allocated Cost - TSS		\$754,914						
Billable Units	Pounds	1,069,090						
Calculated Rate	\$ / lb.	\$0.706						
Proposed Rate		\$0.72						
Allocated Cost - Phosphorus		\$178,686						
Billable Units	Pounds	28,509						
Calculated Rate	\$ / lb.	\$6.268						
Proposed Rate		\$6.40						
Allocated Cost - NH-3		\$169,361						
Billable Units	Pounds	142,545						
Calculated Rate	\$ / lb.	\$1.188						
Proposed Rate		\$1.21						
Estimated Revenues		\$2,545,602	\$1,466,511	\$285,477	\$683,062	\$14,144	\$95,493	\$915

Comparison of Current and Proposed Rate Schedules

TEST YEAR 2022

**Billing Cycle - Quarterly
Billing Units - CCF**

Quarterly Flat Charge

Connection Size	Current Charge	2020	Percent Change	2021	Percent Change	2022	Percent Change
5/8	\$7.60	\$7.60	0%	\$9.28	22%	\$12.80	38%
3/4	\$7.60	\$7.60	0%	\$9.28	22%	\$12.80	38%
1	\$8.45	\$8.45	0%	\$17.46	107%	\$24.10	38%
1 1/4	\$9.50	\$9.50	0%	\$24.71	160%	\$34.10	38%
1 1/2	\$10.35	\$10.35	0%	\$31.96	209%	\$44.10	38%
2	\$11.15	\$11.15	0%	\$50.00	348%	\$69.00	38%
2 1/2	\$11.70	\$11.70	0%	\$70.65	504%	\$97.50	38%
3	\$12.50	\$12.50	0%	\$86.59	593%	\$119.50	38%
4	\$0.00	\$0.00	NA	\$137.10	NA	\$189.20	38%
6	\$0.00	\$0.00	NA	\$257.25	NA	\$355.00	38%
8	\$0.00	\$0.00	NA	\$400.65	NA	\$552.90	38%
10	\$0.00	\$0.00	NA	\$590.36	NA	\$814.70	38%
12	\$0.00	\$0.00	NA	\$780.14	NA	\$1,076.60	38%

Usage Charges

	Units	Current Rate	2020	Percent Change	2021	Percent Change	2022	Percent Change
Domestic Sewage	\$/CCF	\$3.00	\$3.00	0%	\$3.08	3%	\$4.25	38%
Landfill Leachate	\$/CCF	\$0.00	\$2.01	NA	\$2.23	11%	\$3.08	38%
	\$/1,000 gals	\$0.00	\$2.68	NA	\$2.98	11%	\$4.11	38%
	per load	\$0.00	\$0.44	NA	\$0.49	11%	\$0.68	38%

Surcharge Rates

BOD	\$/pound	\$0.00	\$0.50	NA	\$0.55	11%	\$0.76	38%
TSS	\$/pound	\$0.00	\$0.47	NA	\$0.52	11%	\$0.72	38%
Phosphorus	\$/pound	\$0.00	\$4.18	NA	\$4.64	11%	\$6.40	38%
TKN	\$/pound	\$0.00	\$0.79	NA	\$0.88	11%	\$1.21	38%

Comparison of Revenue at Present Rates, Cost-of-Service and Proposed Rates

Customer Class	Cost of Service			Proposed Rates		
	Revenue at Present Rates	Revenue Required	Increase Over Present Rates	Revenue	Increase Over Present Rates	Percent of Cost of Service
Domestic						
Residential	\$1,246,830	\$1,797,208	44.1%	\$1,823,310	46.2%	101.5%
Multi-Family	\$204,527	\$312,432	52.8%	\$300,744	47.0%	96.3%
Commercial	\$500,519	\$754,077	50.7%	\$731,695	46.2%	97.0%
Industrial	\$10,893	\$17,792	63.3%	\$17,271	58.6%	97.1%
Public Authority	\$68,818	\$107,285	55.9%	\$103,178	49.9%	96.2%
Subtotal Domestic Retail	\$2,031,586	\$2,988,794	47.1%	\$2,976,198	46.5%	99.6%
Landfill Leachate	\$0	\$896		\$963		107.5%
Subtotal Wholesale	\$0	\$896	#DIV/0!	\$963	#DIV/0!	107.5%
Total	\$2,031,586	\$2,989,690	47.2%	\$2,977,161	46.5%	99.6%
Volumetric Charges	\$1,724,399	\$2,563,887		\$2,544,686		
Fixed Customer Charges	\$235,337	\$424,906		\$431,512		
Hauled Waste	\$0	\$896		\$963		
% Volumetric Charges	84.9%	85.8%		85.5%		
% Fixed Customer Charges	11.6%	14.2%		14.5%		
% Hauled Waste	0.0%	0.0%		0.0%		

ORDINANCE __ - 21

CITY OF HUDSON, WISCONSIN

AN ORDINANCE AMENDING CHAPTER 198 OF THE MUNICIPAL CODE OF THE CITY OF HUDSON
TO REVISE SEWER SERVICE CHARGES AND CONNECTION FEES

WHEREAS, the City of Hudson caused a Sewer Rate Study and a Connection Fee Study for Sanitary Sewer Facilities to be prepared; and

WHEREAS, these studies recommended changes to the City's sewer rates and sewer connection fees;

THE COMMON COUNCIL OF THE CITY OF HUDSON HEREBY ORDAINS AS FOLLOWS:

SECTION 1. Section 198-10 of the Municipal Code is amended to read as follows:

§ 198-10. Sewer service charges and connection fees.

- A. A quarterly sewer service charge and meter charge are hereby imposed and shall be paid by the owner or occupants of each lot, parcel of land, building or premises served by the wastewater treatment works or otherwise discharging wastewater (including industrial waste) into the wastewater treatment works. It shall be the policy of the City to establish sewer service charges in such amount as to obtain sufficient revenues to pay operation and maintenance costs including contributions to a replacement fund, debt service, including any debt service reserves and coverage requirements, and annual capital outlay. Those aspects of sewer service charges relating to operation, maintenance and replacement fund shall be in accord with any relevant and applicable requirements imposed by the Wisconsin Department of Natural Resources or by federal law. The sewer service charge and meter charge shall be paid as herein provided in an amount determined as follows:
- (1) A sewer service charge is hereby imposed to recover the component of total operation, maintenance, and capital costs of the sewer system which relates to sewage flow attributable to users of the system. The sewer service charge shall be based on the cost of conveying and treating flow, BOD and suspended solids at the strength of domestic wastewater. The sewer service charge shall consist of a volumetric charge in terms of dollars per hundred cubic feet (\$/ccf) for operation and maintenance of the collection system, and operation, maintenance, and replacement of the wastewater treatment works, and a surcharge in terms of dollars per hundred cubic feet (\$/ccf) for trunk sewer line and lift station replacement. The sewer service charge for any parcel of land, building or premises served by the wastewater treatment works shall be based upon the quantity of water used as measured by the water meter in use.
 - (2) Quarterly meter charge.

- (a) A quarterly meter charge will be imposed to cover customer costs, including billing and the maintenance cost of the meters ~~and services~~. The meter charge will be imposed as a flat fee per meter based on meter size.
 - (b) The minimum sewer meter charge will be based on the quarterly meter charge (prorated for new and closed accounts or for those with meter removals).
- (3) Measurement by meter; determination by Utility Director.
- (c) When a lot, parcel of land, building or premises discharging wastewater (including industrial waste) into the wastewater treatment works is a user of water not supplied by the City, the ~~amount~~ of water used shall be measured by a meter.
 - (d) When it is impossible or impracticable to measure the amount of water being used, the Utility Director shall determine, in such manner as he finds practicable, the sewer service charge under Subsection A(1). Such determination may be appealed to the Council. In such cases, the Utility Director may, after approval by the Council, establish a flat rate for sewage services or authorize the installation, at the owner's expense, of a sewage meter.
- (4) Whenever the Utility Director determines that any lot, parcel of land, building or premises is discharging wastes of unusual volume, concentration or character or of greatly variable volume, a special rate shall be adopted for such user. The special rate is to ensure that all users pay their proportionate share of wastewater treatment cost.
- (a) The special rate shall be determined by the formula:

$$Cu = (Vc \times Vu) + (Bc \times Bu) + (Sc \times Su) + (Pc \times Pu)$$

Where:

- Cu = User charge in dollars per year.
- Vc = Cost of the wastewater treatment works attributed to 100 cubic feet of wastewater volume.
- Vu = Volume of wastewater from the user per year measured in hundreds of cubic feet.
- Bc = Cost of the wastewater treatment works attributed to 100 pounds of BOD.
- Bu = Amount of BOD from the user per year measured in hundreds of pounds.
- Sc = Cost of the wastewater treatment works attributed to 100 pounds of suspended solids.

- Su = Amount of suspended solids from the user per year measured in hundreds of pounds.
- Pc = Cost of the wastewater treatment works attributed to any unit of any pollutant.
- Pu = Amount of any pollutant from the user per year.

(b) The minimum service charge rate shall be equal to the rate set under Subsection A(1).

(c) "Domestic waste" shall be defined as follows: "normal domestic strength wastewater" shall mean wastewater with concentrations of BOD and suspended solids no greater than 300 milligrams per liter respectively. Discharges in excess of either of these concentrations shall be surcharged at the rate per pound determined by the formula contained in Subsection A(4)(a) through (c).

(5) Wastewater contributions from users shall be reviewed at least biannually, and the sewer services charges shall be adjusted as required to recover actual costs.

(6) Proportionate distribution of operation, maintenance, replacement, and capital costs shall be maintained among wastewater treatment work users.

(7) Sufficient revenues to pay for total operation and maintenance costs including contributions to a replacement fund, debt service, including any debt service reserves and coverage requirements, and annual capital outlay shall be generated by the sewer service charge system.

~~(7)~~(8) Operation and maintenance costs may include an allowance for North Hudson sewer collection system costs to the extent payment of such costs is required by contract.

~~(8)~~(9) Sewer service charge rates, meter charge rates, ~~and~~ special rates, and a North Hudson sewer collection system allowance, if applicable, shall be established by resolution of the Common Council.

B. Payment.

(1) The sewage service charge shall be payable to the Clerk within 20 days of the billing date.

(2) A late payment charge of 1% shall be added to all sewer bills not paid within 20 days from the billing date. Thereafter, a late penalty charge of 1% per month shall be added each month upon the unpaid balance. If any bill is not paid within 60 days from the billing date, the customer may be notified, in writing, that unless payment or satisfactory arrangement for payment is made within the next five days, the water services to the premises may be turned off. After such period, service may be discontinued and may not be restored until full payment of all sewer service charges and penalties due thereon.

(3) Unpaid utility bills will be transferred to the tax roll pursuant to W.S.A. § 66.0809.

C. Disposition of revenue. The amounts received from the charges authorized by this section shall be credited to a separate account which shall show all receipts and

expenditures to the wastewater treatment works. The credits to such account shall be available for payment of:

- (1) Principal and interest of bonds which may be issued to provide funds for wastewater treatment works.
- (2) Cash funded capital outlay.
- (3) Any required cash reserve account payment.
- (4) Operation and maintenance of the wastewater treatment works, including a separate replacement fund. The replacement fund shall be a cash account to be used for future expenditures for obtaining or installing equipment, accessories or appurtenances which are necessary to maintain the capacity and performance of the wastewater treatment works through the service of life for which such works were designed and constructed.

(4)(5) North Hudson sewer collection system allowance.

- D. Sewer service charges as a lien. All charges established hereunder shall be a lien upon the property served pursuant to W.S.A. § 66.076(7) and shall be collected in the manner therein provided.
- E. Sewer connection charge.
 - (1) Sewer connection charges for buildings not presently connected to the wastewater treatment works, or for buildings that have a change in use that requires a larger water meter, shall be based on equivalent residential meters based on the following schedule. For buildings with a change in use the charge would be the difference between the amount for the existing meter size and the amount for the proposed meter size. Buildings connecting directly to the City’s collection system will be charged both the conveyance and treatment connection charges. Buildings connecting to the wastewater treatment works via a collection system outside of the City will be charged the treatment connection charge only.

Meter Size	Conveyance Charge	Treatment Charge	Total Charge
5/8 – inch	\$2,380	\$1,479	\$3,859
3/4 – inch	\$2,380	\$1,479	\$3,859
1 – inch	\$5,951	\$3,697	\$9,648
1 ½ - inch	\$11,902	\$7,395	\$19,297
2 – inch	\$19,043	\$11,832	\$30,875
3 – inch	\$35,705	\$22,184	\$57,889
4 – inch	\$59,509	\$36,974	\$96,483
6 – inch	\$119,018	\$73,948	\$192,966
8 – inch	\$190,429	\$118,317	\$308,746
10 – inch	\$285,644	\$177,476	\$463,120
12 – inch	\$380,858	\$236,634	\$617,492

- (2) The sewer connection charge shall automatically increase effective each January 1 by a percentage equal to the percentage increase in the 20-City Construction Cost

Index published by the Engineering News Record over the most recent 12-month period, unless the City, by resolution, limits the fee increase to a lesser percentage rate shall be subject to review and establishment by the Common Council.

- F. Other charges may be imposed when a customer requests special services such as a special billing or meter reading outside of the normal schedule. Rates for special services will be the same as the rates ordered by the Public Service Commission for the water utility for Other Charges as shown on Schedule OC-1 of the Rate File.

SECTION 2. SEVERABILITY. If a court of competent jurisdiction determines any section, clause, provision or portion of this ordinance to be unconstitutional or invalid for any reason, the remainder of this ordinance shall not be affected thereby.

SECTION 3. EFFECTIVE DATE. This ordinance shall become effective upon adoption by the Common Council and publication as provided by law.

Adopted this _____ day of _____, 2021.

APPROVED:

Rich O' Connor, Mayor

ATTEST:

Becky Eggen, City Clerk

First Reading: _____

Date Adopted: _____

Date Published: _____



HUDSON PUBLIC UTILITIES ISSUE SHEET

DATE: January 12, 2021
SUBMITTED TO: PUC & Common Council
SUBMITTED BY: Utility Director Peters
REGARDING: Amending Ordinance 242-1 Section B

ISSUE: There is some unclarity between the current ordinance 242-1(B) and the 1983 Water Agreement that the City of Hudson and the Village of North Hudson operate under. This amendment is intended to clarify and establish a clear role for the appointed Village of North Hudson liaison on the Public Utility Commission.

-Under the 1983 Water Agreement section 14. Utility Management and Meetings, it states "The Village shall designate one or more people to serve as liaison with the utility. Such Village representatives shall be entitled to attend and be heard at Utility meetings but shall not have any voting rights."

-Current Ordinance 242-1(B) Appointment, it states "One member of the Utility Commission shall be a representative of the Village of North Hudson."

-Suggested Ordinance 242-1(B)(2) Appointment, Village of North Hudson Representative. The Village of North Hudson may designate one or more persons to serve as a representative of the Village of North Hudson and be a liaison between North Hudson and the Public Utility Commission. The North Hudson representative may attend and be heard at all public meetings of the Public Utility Commission, but shall not be a member of the Public Utility Commission and shall not have any voting rights.

FUNDING SOURCE:

STAFF RECOMMENDATION: Accept the proposed changes to Ordinance 242-1(B)(2) and forward to the Hudson City Council for approval.

COMMITTEE RECOMMENDATION:

1983 WATER AGREEMENT

The Village shall also furnish the Utility with projections and plans for Village growth over five (5), ten (10) and twenty (20) years, and updates thereof every five (5) years thereafter.

The above requirements for information to be furnished by the Village to the Utility are directory, not mandatory; failure of the Village to furnish same shall not be a breach of this Agreement unless the Village intentionally withholds or refuses to divulge such information upon written request from the Utility.

13. EXPANSION OF VILLAGE DISTRIBUTION SYSTEM. The Village shall require that all new water mains and water distribution appurtenances hereafter installed in the Village are consistent with the planned location and design of the Village's water system, as determined by the Village in consultation with the Utility from time to time, and that same comply with the design and construction standards, including hydrostatic testing, applied by the Utility in the City. The Utility shall furnish to the Village the current standards and all subsequent changes thereof, in writing.

The Village shall furnish to the Utility copies of all plans for water mains and appurtenances to be installed in the Village. The Utility shall advise the Village in writing, within thirty (30) days after submission of such plans to the Utility, as to the Utility's approval of objections thereto. If the Utility objects, it shall specify in writing the basis for its objections and the steps or changes it deems necessary to correct same. If the Utility timely objects as set forth herein, the water mains and appurtenances objected to shall not be installed until the objections have been mutually resolved; the parties agree to expedite consultations to resolve any objections. Failure of the Utility to return its written approval or detailed objection within thirty (30) days after submission of plans shall be deemed approval.

14. UTILITY MANAGEMENT AND MEETINGS. It is expressly understood that management and operation of the water utility and its facilities, exclusive of the distribution system owned and operated by the Village shall continue to be the responsibility of the Hudson Public Utilities Commission appointed by the Common Council of the City of Hudson. The Village shall designate one or more people to serve as liason with the Utility. Such Village representatives shall be entitled to attend and be heard at Utility meetings, but shall not have any voting rights. Notices of all Utility meetings shall be sent to the Village Clerk and to the person designated by the Village as its primary liason.

§ 242-1. Utility Commission. [Amended by Ord. No. 15-97; 5-1-2000 by Ord. No. 9-00; 8-1-2016 by Ord. No. 19-16]

- A. Creation. Pursuant to W.S.A. § 66.0805(6), there is hereby created a Utility Commission for the City, the members of which shall be selected upon a nonpartisan basis.
- B. Appointment. The Utility Commission shall consist of seven members appointed by the Mayor and subject to the approval of the governing body for three-year terms, with the terms so staggered that no more than two members are appointed each year. One member of the Common Council shall be appointed to the Utility Commission. The Common Council member of the Utility Commission shall resign his/her position on the Utility Commission if that member ceases to be a member of the Common Council. One member of the Utility Commission shall be a representative of the Village of North Hudson. The Village Board shall recommend its representative to the Common Council for appointment; however, the Village representative shall not be eligible to serve as an officer of the Utility Commission nor as a representative to the Plan Commission.
- C. Organization. As soon as possible after their appointment and annually thereafter, the members of the Utility Commission shall organize by choosing from among their members a Chairperson and a Vice Chairperson. All members of the Commission shall receive compensation as may be set by the Common Council.
- D. Eligibility. No person shall be eligible to be a member of the Utility Commission or to hold any office or position with such Commission who, directly or indirectly, has any pecuniary interest in any contract for furnishing heat, light, water or other public service to or for the City or the citizens thereof or who is a stockholder in any corporation which has any such contract. Any such office or position shall become vacant upon the acquiring of any such interest.
- E. Management of Utility. Subject to the general control and supervision of the Common Council, the Utility Commission shall take entire charge and management of the Utility of the City and shall supervise the operation of the utilities. General control and supervision by the Council shall include, but not be limited to, review and approval by the Common Council of:
- (1) The annual operating and capital budgets of the utilities;

- (2) Capital expenditures, construction, extensions, and improvements that exceed the approved annual operating and capital budgets;
 - (3) Public improvement construction contracts, water tower land lease agreements and other similar capital or long term contracts; and
 - (4) Rate changes.
- F. Rules; employees. The Commission shall make rules for its own proceedings and for the government of its departments. It shall appoint a Utility Director, subject to Common Council approval and engage the necessary employees and fix their compensation within the limits established by the Common Council. The Public Utility Department shall be subject to the City's personnel policy, procurement policy, and other City policies of general application.
- G. Use of City officers. The Commission, when necessary, may utilize the services of the City Engineer, City Attorney, City Clerk, City Finance Officer, Public Works Superintendent and other officials and employees of the City upon such basis as shall be mutually agreed to or as determined by the Common Council. In such case, the general fund of the City shall be reimbursed by the Commission for the pro rata cost of such services.
- H. General powers. The Commission shall have such general powers in the construction, extension, improvement and operation of the utilities as shall be designated by the Common Council.
- I. Books of account. The Utility Commission shall keep separate funds and separate books of account for the Wastewater Utility and the Water Utility. The books of account for the Water Utility shall be kept in the manner and form prescribed for water utilities of its class by the Public Service Commission. Such books of account shall be open to the public.
- J. Utility funds. No funds of such utility shall be transferred to the Finance Officer for the use of the City, except in accordance with W.S.A. § 66.0811(3). Any excess funds accumulated by such utility, unless deposited pursuant to law, and all funds in depreciation of retirement reserves may be invested pursuant to W.S.A. §§ 66.0811(2) and 66.0603(1g), (1m), (2) and (3).
- K. Expenditures. All expenditures of the utility shall be audited and approved by the Utility Commission. All expenditures must be authorized by the Chairperson and Vice Chairperson of the Utility

§ 242-1

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Commission and, upon such approval, shall be paid by the Finance Officer.

SUGGESTED ORDINANCE

ORDINANCE NO. _____

WHEREAS, The Hudson Public Utility Commission finds it necessary to clarify the role of the Village of North Hudson representative/liaison with respect to the Hudson Public Utility Commission;

WHEREAS, the Hudson Public Utility Commission has reviewed this Ordinance and recommended that the Common Council adopt the Ordinance to clarify the role of the Village of North Hudson representative with respect to the Utility Commission;

WHEREAS, the Common Council has reviewed the Ordinance and finds that it properly clarifies the role of the Village of North Hudson representative /liaison to the Hudson Public Utility Commission;

NOW THEREFORE, Common Council hereby ordains that Chapter 242 -1 Section B regarding the Public Utility Commission shall be amended to read as follows:

- I. Amendment of Chapter 242-1 Section B:
 - B. Appointment.
 - 1. Public Utility Commission Membership. The Public Utility Commission shall consist of seven members appointed by the Mayor and subject to the approval of the governing body for three-year terms, with the terms staggered so that no more than two members are appointed each year. All members of the Public Utility Commission shall be residents of the City of Hudson. One member of the Common Council shall be appointed to the Utility Commission. The Common Council member of the Utility Commission shall resign his/her position on the Utility Commission if that member ceases to be a member of the Common Council.
 - 2. Village of North Hudson Representative. The Village of North Hudson may designate one or more persons to serve as a representative of the Village of North Hudson and be a liaison between North Hudson and the Public Utility Commission. The North Hudson representative may attend and be heard at all public meetings of the Public Utility Commission, but shall not

be a member of the Public Utility Commission and shall not have any voting rights.

II. Effective Date. This Ordinance shall be effective upon adoption by the Common Council and publication as required by law.

Adopted this ___ day of _____, 2021.

CITY OF HUDSON

By: _____
Richard O'Connor, Mayor

Attest: _____
Becky Engen Clerk

First Reading: _____

Adopted: _____

Published: _____



HUDSON PUBLIC UTILITIES ISSUE SHEET

DATE: January 12, 2020
SUBMITTED TO: PUC
SUBMITTED BY: Utility Director Peters
REGARDING: Well #5 Pump and Column Repair

ISSUE: Well #5 is due in 2021 for pump and column repairs.

Bids were accepted until January 7, 2021(attached).

FUNDING SOURCE: Budgeted item in 2021 Water Budget

STAFF RECOMMENDATION: To accept the bid of Keys Well Drilling in the amount of \$19,005.00 for pump and column repair at well #5.

COMMITTEE RECOMMENDATION:

Keys Well Drilling Company

Quotation

1156 Homer Street, St. Paul, MN 55116-3232
651-646-7871 Fax 651-641-0216

To: City of Hudson
505 3rd Street
Hudson, WI 54016

Date of: December 29, 2020
Attention: Mr. Kip Peters
Project: Well # 5
Location: 600 Lemon Street N

We are pleased to quote you as follows:

Maintenance repair estimate for removal, inspection, and reinstallation of Well Pump # 5

No.	Description	Unit	Est. Qty	Price	Extension
1	Pump testing prior to removal	Ls	1	250	\$ 250.00
2	Remove and reinstall pump and motor	Ls	1	4950	4950.00
3	Check depths	Ls	1	0	0.00
4	Clean and inspect pump and make recommendati	Ls	1	700	700.00
5	Disinfect well, startup and perform pump testing	Ls	1	300	300.00

Labor Estimate \$ 6,200.00

Misc. repair parts as needed

	Unit	Price	Est Qty	Ext
Stainless steel bowl shaft	Ea	450	1	450
Machine and install Bz bowl bearing	Ea	110	7	770
Machine bowl and install Bz wear ring	Ea	400	6	2400
Rubber lineshaft bearings	Ea	35	17	595
Column pipe 6" x 10' .280 wall T & C	Ea	280	16	4480
Column pipe 6" x 5' .365 wall T & C	Ea	195	2	390
1-3/16" x 10' T & C SS lineshaft	Ea	190	2	380
1" PVC probe tube	Lf	1	340	340
SS Headshaft	Ea	450	1	450
Refurbish discharge head, packing bearing, packin	Ea	450	1	450
Shop Time - polish sleeves, clean, repair, reassembl	Hr	105	20	2100

Total repair Estimate

12,805
+ 6,200
\$ 19,005

Terms: N-30

Quotation valid for 60 days

Quoted By Jeffrey W. Keys
Jeffrey W. Keys

Accepted _____

Date _____



MUNICIPAL WELL & PUMP

A Division of Midwest Well Services, Inc.

January 7, 2020

Mr. Kip Peters
City of Hudson
505 Third St.
Hudson, WI 54016

RE: Hudson Municipal Well #5 Proposal

Dear Kip,

Thank you for invitation to submit a quote for the City of Hudson's upcoming Well #5 project. An onsite visit was performed recently at Well #5. Well #5 is located at 600 Lemon St. N., Hudson, WI 54016. It is our understanding the pump is set at 170' with 6" column pipe, 1-3/16" ss shafting, and a 9RCHC-6 stage pump.

Base Proposal -

Proposed base scope of work:

1. Mobilize to job site.
2. Perform brief pump test prior to pulling to check prelube time, GPM, water levels, discharge pressures, amps, Hz (if applicable) & vibrations.
3. Remove existing pump components from Well #5.
4. Sound well for depth.
5. Load motor onto Hudson vehicle for transport to local repair shop.
6. Field inspect pump components. Return to shop with head, stuffing box, bowls, shafting.
7. Disassemble & inspect bowl assembly in shop.
8. Prepare & submit report with repair recommendations.
9. Disinfect/chlorinate well and pump.
10. Re-install new/reconditioned pump components into Well #5 including two new 1" PVC lines, one with new airline and the other for install of a transducer provided by others. Drill & tap existing pump head for new transducer – assuming adequate space.
11. Reconnect to power supply and run pump to waste to collect same information as pretest and one bacti sample for analysis.
12. Clean-up site and demobilize from job site
13. Work to be completed by 03/31/21.

.....**Lump Sum: \$12,160.00**

Materials Pricing -

Item Description	Qty	Units	Unit Price	Ext. Price
Rebuild Stuffing Box w/new bronze bearing & packing	1	LS	\$230.00	\$230.00
New 6" x 5' TBE SCH 40 black steel pipe	1	EA	\$110.00	\$110.00
New 6" x 9' 11-1/4" T&C SCH 40 black steel pipe	16	EA	\$257.00	\$4,112.00
New 6" x 4' 11-1/4" T&C SCH 40 black steel pipe	1	EA	\$150.00	\$150.00
New 1-3/16" (1-3/8" ID) Rubber Bearings	17	EA	\$21.00	\$357.00
New 1-3/16" SS Shaft Sleeves	17	EA	\$21.00	\$357.00
New 1-3/16" x 62" 416 ss top shaft T&C	1	EA	\$190.00	\$190.00
New 1-3/16" x 10' 416 ss shaft T&C	16	EA	\$181.00	\$2,896.00
New 1-3/16" x 5' 416 ss shaft T&C	1	EA	\$170.00	\$170.00
Rebuild 9RCHC-6 stg bowl w/new brgs, wear rings & shaft	1	LS	\$3,080.00	\$3,080.00
New 6" x 10' SCH 40 black steel suction pipe	1	LS	\$210.00	\$210.00
New 6" 304 ss cone strainer	1	LS	\$290.00	\$290.00
New 6" drop in spider (no insert)	17	EA	\$82.00	\$1,394.00

\$13,546
\$12,160

1212 Storbeck Drive, P.O. Box 311, Waupun, WI 53963
Office: 920-324-3400 – Toll-Free: 800-383-7412 – Fax: 920-324-3431 - IL: 847-541-8816
www.municipalwellandpump.com

\$25,706

Please review the above proposal. If you have any questions or would like anything further included, please let me know. We appreciate the opportunity to submit this proposal and would enjoy the opportunity to work with you on this project.

Municipal Well & Pump

John Jensen

John Jensen
Senior Project Manager



City of Hudson
 Attn: Mr. Kip Peters
 505 Third Street
 Hudson, WI 54016

January 6, 2021

Subject: RFP Well #5 Pump and Column Repair 2021

Dear Mr. Peters,

Thank you for giving us the opportunity to provide a proposal for the Well #5 repair work. Our price includes all items included in the "Execution" portion of the RFP with a couple notes. Not all pump discharge heads are setup such that they can accommodate access for a water level transducer- for a 1" hole we would not be too concerned. Sometimes between the hanger flange and distance to the inner casing, there is a problem getting continuity from the PVC carrier pipe which is necessary to allow for removal of the probe without lifting the discharge head so just a note there. The well will be chlorinated according to AWWA standard dosage rates for theoretical free chlorine residual. The base cost is **\$7,468**. Adder item costs can be seen below:

6" 10' Water Lube Pipe	\$ 350.00 x 15	- 350
6" 5' Water Lube Pipe	\$ 268.00 x 2	- 536
6" 5' tailpipe with carbon strainer	\$ 332.00 x 1	- 332
1-3/16" SS 10' shaft (no sleeve)	\$ 239.00 x 16	- 3824
1-3/16" SS 5' shaft (no sleeve)	\$ 159.00 x 1	- 159
6" SS spider	\$ 79.00 x 17	- 1343
2" x 1-3/16" Rubber Bearings	\$ 35.00 x 17	- 595
Stuffing Box Rebuild	\$ 280.00 x 1	- 280
9RCHC, 6-stg base	\$ 8,288.00 x 1	- 8288
(6) Wear Rings adder	\$ 1,839.00	- 1839
(6) SS Collets adder	\$ 756.00	- 756

We would be honored to work with you and your community and provide some local, Wisconsin based service to you.

Sincerely,

CTW Corporation
 W. Hunter Cummens, PE

Handwritten:
 \$18302
 + 7468

 \$25,770



PO Box 547
 Waite Park, MN 56387
 320-251-5090
 joet@trautcompanies.com
 www.trautwells.com

Quote - City of Hudson Well 5 - VHS pump repair

DATE: 12/28/2020 PHONE # 715-381-3882
 NAME: Hudson Public Utilities FAX # _____
 ADDRESS: 1201 Livingstone Road
Hudson, WI 54016
 ATTN: jfrye@hudsonwi.gov JOB # 30-0000

	Description	Unit	Unit Price	Quantity	Totals	
LABOR	Pump Repair					
	Mobilization & Demobilization	LS	\$ 2,200.00	1	\$ 2,200.00	
	Pull Pump	LS	\$ 7,500.00	1	\$ 7,500.00	
	Shop time Clean shafts & Repair	HR	\$ 100.00	15	\$ 1,500.00	
	Remobilize & Demobilize	LS	\$ 2,200.00	1	\$ 2,200.00	
	Reinstall Pump & Hook to System	LS	\$ 7,500.00	1	\$ 7,500.00	
	Drill and tap discharge head for water level probe	LS	\$ 350.00	1	\$ 350.00	
	Start Pump & Test Run	LS	\$ 350.00	1	\$ 350.00	
MATERIALS	Load VHS motor onto HPU vehicle	LS	\$ 150.00	1	\$ 150.00	
	6"x 10' Sch40 T&C Column	EACH	\$ 450.00	16	\$ 7,200.00	
	6"x 5' Sch40 T&C Column	EACH	\$ 325.00	2	\$ 650.00	
	6" x 10' Sch40 suction pipe	EACH	\$ 355.00	1	\$ 355.00	
	1 3/16" x 10' SS shaft w/SS sleeve	EACH	\$ 250.00	16	\$ 4,000.00	
	1 3/16" x 5' SS shaft w/SS sleeve	EACH	\$ 155.00	2	\$ 310.00	
	Remove Existing sleeve, & Furnish, Install new SS line shaft sleeve	EACH	\$ 105.00	17	\$ 1,785.00	
	Furnish, & Install rubber bearing in Existing retainer	EACH	\$ 35.00	17	\$ 595.00	
	1 11/16" SS line shaft coupling	EACH	\$ 75.00	17	\$ 1,275.00	
	Furnish, & Install New Discharge head bearing (packing box)	EACH	\$ 300.00	1	\$ 300.00	
	New SS Head shaft	EACH	\$ 600.00	1	\$ 600.00	
	Rebuild Goulds 9RCHC-6 stage pump	LS	\$ 3,500.00	1	\$ 3,500.00	
	1 1/4" PVC sound tube (2 settings @ 170 ft.)	LF	\$ 3.00	340	\$ 1,020.00	
	Misc supplies	LS	\$ 650.00	1	\$ 650.00	

TOTAL MATERIALS		\$ 22,390.00
TOTAL LABOR		\$ 21,600.00
INCOMING FREIGHT	est.	\$ 1,200.00
TOTAL		\$ 45,190.00

Signature: *Joe Traut*

Date: 12/28/20

Application for Payment No. 7

To: The City of Hudson, WI

From: Magney Construction, Inc., 1401 Park Road, Chanhassen, MN 55317

Contract: _____

Project: Wastewater Treatment Plant 2020 Improvements

Owners Contract No. 42476 Engineer's Project No. HUDSO 149714

Date of this Invoice: 1/4/2020

Invoice Work Period: Dec 1-31, 2020

1) Original Contract amount	\$10,055,600.00
2) Change Orders to date	\$324,214.94
3) Revised Contract amount	\$10,379,814.94
4) Value completed to date	\$1,941,083.52
5) Materials stored on site	\$454,756.03
6) Total Earned to date	\$2,395,839.55
7) Amount retained	\$119,791.98
8) Amount previously paid	\$1,440,729.64
Amount due this Payment	\$835,317.93

Accompanying Documentation:

CONTRACTOR'S Certification:

The undersigned CONTRACTOR certifies that (1) all previous progress payments received from OWNER on account of work done under the Contract referred to above have been applied on account to discharge CONTRACTOR'S legitimate obligations incurred in connection with Work covered by prior Applications for Payment numbered 1 through 1 inclusive; (2) title of all work, materials and equipment incorporated in said Work otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all Liens, security interest or encumbrance (except such as are recovered by a Bond acceptable to OWNER indemnifying OWNER against any such Lien, security interest or encumbrance); and (3) all Work covered by this Application for Payment is in accordance by the Contract Documents and not defective.

Magney Construction, Inc. (Contractor)

By: 
Project Manager

Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

Owner: City of Hudson Engineer: Short Elliott & Hendrickson

By: _____ By: 

Date: _____ Date: Jan. 5, 2021

APPLICATION FOR PAYMENT SCHEDULE

Spec.		Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
06113	Bond & Insurance	\$ 140,300	140,300.00	0.00	0.00	140,300.00	100%	0.00
12100	Allowances (Computer)	\$ 60,000	0.00	0.00	0.00	0.00	0%	60,000.00
15100	Supervision & General Conditions	\$ 221,000	65,000.00	13,000.00	0.00	78,000.00	35%	143,000.00
17113	Mobilization	\$ 381,900	190,950.00	0.00	0.00	190,950.00	50%	190,950.00
24113	Demolition:							
0	Site Demolition	\$ 3,600	0.00	0.00	0.00	0.00	0%	3,600.00
1	Influent and Lab Building	\$ 71,500	8,000.00	0.00	0.00	8,000.00	11%	63,500.00
3	Garage	\$ 59,700	59,700.00	0.00	0.00	59,700.00	100%	0.00
4	Activated Sludge	\$ 25,500	0.00	0.00	0.00	0.00	0%	25,500.00
5	Control Building	\$ 16,700	0.00	0.00	0.00	0.00	0%	16,700.00
6	Final Clarifiers 1 & 2	\$ 13,600	0.00	0.00	0.00	0.00	0%	13,600.00
7	Final Clarifiers 3 & 4	\$ 11,400	0.00	0.00	0.00	0.00	0%	11,400.00
8	Pump Building	\$ 1,800	0.00	0.00	0.00	0.00	0%	1,800.00
9	UV Structures	\$ 72,400	61,500.00	8,500.00	0.00	70,000.00	97%	2,400.00
10	Sludge Conditioning Building	\$ 64,600	0.00	2,500.00	0.00	2,500.00	4%	62,100.00
11	Sludge Storage	\$ 10,700	0.00	0.00	0.00	0.00	0%	10,700.00
12	Centrate Tank	\$ 1,500	0.00	0.00	0.00	0.00	0%	1,500.00
13	Vactor Pad	\$ 12,300	0.00	0.00	0.00	0.00	0%	12,300.00
30130	Concrete Patching (200 SF @ \$60/sf)	\$ 12,000	0.00	0.00	0.00	0.00	0%	12,000.00
31000	Concrete Work:							
1	Influent and Lab Building	\$ 23,200	12,000.00	0.00	0.00	12,000.00	52%	11,200.00
2	Pretreatment Building	\$ 514,600	117,148.14	65,350.00	0.00	182,498.14	35%	332,101.86
3	Garage	\$ 18,400	16,400.00	2,000.00	0.00	18,400.00	100%	0.00
9	UV Structures	\$ 139,700	0.00	85,623.00	0.00	85,623.00	61%	54,077.00
10	Sludge Conditioning Building	\$ 31,200	4,500.00	0.00	0.00	4,500.00	14%	26,700.00
13	Vactor Pad	\$ 8,000	0.00	0.00	0.00	0.00	0%	8,000.00
32000	Rebar	\$ 150,700	34,304.68	13,000.00	12,421.00	59,725.68	40%	90,974.32
34100	Plant Precast Structural Concrete	\$ 344,900	0.00	0.00	20,200.00	20,200.00	6%	324,700.00
42000	Masonry Work:							
1	Influent and Lab Building	\$ 6,300	0.00	3,200.00	0.00	3,200.00	51%	3,100.00
2	Pretreatment Building	\$ 9,600	0.00	0.00	0.00	0.00	0%	9,600.00
3	Garage	\$ 67,800	67,800.00	0.00	0.00	67,800.00	100%	0.00
5	Control Building	\$ 9,900	0.00	0.00	0.00	0.00	0%	9,900.00
9	UV Structures	\$ 68,100	0.00	68,100.00	0.00	68,100.00	100%	0.00
10	Sludge Conditioning Building	\$ 29,300	0.00	3,000.00	0.00	3,000.00	10%	26,300.00
55000	Structural and Misc. Metals	\$ 225,900	24,711.00	4,500.00	0.00	29,211.00	13%	196,689.00

APPLICATION FOR PAYMENT SCHEDULE

Spec.		Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
61053	Rough Carpentry	\$ 24,700	0.00	8,500.00	0.00	8,500.00	34%	16,200.00
71600	Cementitious Waterproofing	\$ 33,500	0.00	12,500.00	0.00	12,500.00	37%	21,000.00
72100	Building Insulation - Below Grade	\$ 8,600	0.00	3,200.00	0.00	3,200.00	37%	5,400.00
72700	Air Barrier	\$ 9,400	0.00	3,000.00	0.00	3,000.00	32%	6,400.00
74113	Metal Wall and Roof Panels	\$ 64,200	0.00	0.00	0.00	0.00	0%	64,200.00
74617	Metal Soffit and Fascia System	w/74113						
75400	Thermoplastic Membrane Roofing	\$ 169,500	0.00	0.00	0.00	0.00	0%	169,500.00
75401	Patch Existing Roofs	\$ 31,500	0.00	6,500.00	0.00	6,500.00	21%	25,000.00
76200	Sheet Metal Flashing & Trim	w/75400						
77200	Roof Accessories	w/75400						
77213	Safety Rail Assemblies	w/75400						
78400	Firestopping	\$ 1,200	0.00	0.00	0.00	0.00	0%	1,200.00
79200	Joint Sealants	\$ 11,900	0.00	0.00	0.00	0.00	0%	11,900.00
81113	HM Doors and Frames	\$ 25,000	0.00	0.00	0.00	0.00	0%	25,000.00
83105	Access Hatches	\$ 7,700	5,539.00	0.00	0.00	5,539.00	72%	2,161.00
83200	Overhead Sectional Door	\$ 4,600	0.00	0.00	0.00	0.00	0%	4,600.00
83300	Coiling Doors and Grilles	\$ 13,700	0.00	0.00	0.00	0.00	0%	13,700.00
84313	Aluminum Doors and Frames	\$ 15,900	0.00	0.00	0.00	0.00	0%	15,900.00
84500	Translucent Wall and Roof Assemblies	\$ 14,200	0.00	0.00	0.00	0.00	0%	14,200.00
87100	Door Hardware	w/81113						
88000	Glass & Glazing	\$ 1,300	0.00	0.00	0.00	0.00	0%	1,300.00
92200	Non-Structural Metal Framing (Mansard)	\$ 24,200	0.00	0.00	0.00	0.00	0%	24,200.00
92900	Gypsum Board and Framing (ceilings)	\$ 4,100	0.00	0.00	0.00	0.00	0%	4,100.00
93000	Tiling	\$ 6,500.00	0.00	0.00	0.00	0.00	0%	6,500.00
95113	Acoustic Panel Ceilings	\$ 5,900	0.00	0.00	0.00	0.00	0%	5,900.00
96516	Resilient Flooring	\$ 30,700	0.00	0.00	0.00	0.00	0%	30,700.00
99720	Painting	\$ 418,200	0.00	0.00	0.00	0.00	0%	418,200.00
101419	Dimensional Letter, Signage and Plaques	\$ 4,800	0.00	0.00	0.00	0.00	0%	4,800.00
101423	Panel Signage	\$ 600	0.00	0.00	0.00	0.00	0%	600.00
102813	Toilet Accessories	\$ 4,900	0.00	0.00	0.00	0.00	0%	4,900.00
104400	Safety Specialties (Fire Extinguishers)	\$ 1,300	0.00	0.00	0.00	0.00	0%	1,300.00
105113	Metal Lockers (Remove and Reinstall)	\$ 1,600	0.00	0.00	0.00	0.00	0%	1,600.00
123553	Laboratory Casework	\$ 29,300	0.00	0.00	0.00	0.00	0%	29,300.00
220000	Plumbing	\$ 158,400	42,000.00	0.00	0.00	42,000.00	27%	116,400.00
230500	HVAC							
1	Mobilization & General Conditions	\$ 23,000	5,800.00	0.00	0.00	5,800.00	25%	17,200.00
2	Testing Adjusting and Balancing	\$ 9,000	0.00	0.00	0.00	0.00	0%	9,000.00

APPLICATION FOR PAYMENT SCHEDULE

Spec.		Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
3	Duct & Pipe Insulation	\$ 8,000	0.00	0.00	0.00	0.00	0%	8,000.00
4	HVAC Controls	\$ 74,000	0.00	0.00	0.00	0.00	0%	74,000.00
5	Hydronic and Refrigerant Piping	\$ 163,000	0.00	0.00	0.00	0.00	0%	163,000.00
6	Demolition Material	\$ 1,000	0.00	0.00	0.00	0.00	0%	1,000.00
7	Demolition Labor	\$ 15,000	1,500.00	0.00	0.00	1,500.00	10%	13,500.00
8	Metal Ductwork - Material	\$ 27,500	0.00	1,800.00	0.00	1,800.00	7%	25,700.00
9	Metal Ductwork - Labor	\$ 42,000	0.00	2,000.00	0.00	2,000.00	5%	40,000.00
10	Non-Metal Ductwork - Material	\$ 23,000	0.00	0.00	0.00	0.00	0%	23,000.00
11	Non-Metal Ductwork - Labor	\$ 11,000	0.00	0.00	0.00	0.00	0%	11,000.00
12	Exhaust Fans and Ventilators - Material	\$ 19,000	0.00	0.00	0.00	0.00	0%	19,000.00
13	Exhaust Fans and Ventilators - Labor	\$ 6,700	0.00	0.00	0.00	0.00	0%	6,700.00
14	GRD & Louver - Material	\$ 6,000	0.00	0.00	0.00	0.00	0%	6,000.00
15	GRD & Louver - Labor	\$ 3,300	0.00	0.00	0.00	0.00	0%	3,300.00
16	Electric Unit Heaters - Material	\$ 54,000	0.00	0.00	0.00	0.00	0%	54,000.00
17	Electric Unit Heaters - Labor	\$ 17,000	0.00	0.00	0.00	0.00	0%	17,000.00
18	MAU-AHU-CU-Mini-Split A/C - Material	\$ 358,000	0.00	0.00	0.00	0.00	0%	358,000.00
19	MAU-AHU-CU-Mini-Split A/C - Labor	\$ 10,000	0.00	0.00	0.00	0.00	0%	10,000.00
260000	Electrical							
1	Mobilization/Temp Power	\$ 11,000	8,000.00	3,000.00	0.00	11,000.00	100%	0.00
2	Clean Up	\$ 7,000	500.00	500.00	0.00	1,000.00	14%	6,000.00
3	Instrument and Control Package	\$ 1,150,000	29,600.00	0.00	0.00	29,600.00	3%	1,120,400.00
4	Lighting Package	\$ 128,000	0.00	0.00	125,359.00	125,359.00	98%	2,641.00
5	Structure #1 - Influent Building	\$ 82,000	6,178.00	3,906.00	4,917.00	15,001.00	18%	66,999.00
6	Structure #2 - Pretreatment Building	\$ 144,500	24,113.00	17,787.00	8,604.00	50,504.00	35%	93,996.00
7	Structure #3 - Garage	\$ 31,600	6,442.00	0.00	1,844.00	8,286.00	26%	23,314.00
8	Structure #4 - Activated Sludge	\$ 21,000	1,545.00	0.00	1,229.00	2,774.00	13%	18,226.00
9	Structure #5 - Control Building	\$ 33,800	7,417.00	2,800.00	1,844.00	12,061.00	36%	21,739.00
10	Structure #6 - Final Clarifier 1 & 2	\$ 26,700	1,930.00	0.00	1,536.00	3,466.00	13%	23,234.00
11	Structure #7 - Final Clarifier #3 & 4	\$ 13,700	1,158.00	0.00	922.00	2,080.00	15%	11,620.00
12	Structure #8 - Pump Building	\$ 28,800	2,317.00	0.00	1,844.00	4,161.00	14%	24,639.00
13	Structure #9 - UV Disinfection	\$ 42,000	6,490.00	17,500.00	2,458.00	26,448.00	63%	15,552.00
14	Structure #10 - Sludge Conditioning Building & DAF	\$ 78,000	5,792.00	0.00	4,610.00	10,402.00	13%	67,598.00
15	Structure #11 - Sludge Storage Tanks & DAF Tanks	\$ 14,000	772.00	0.00	615.00	1,387.00	10%	12,613.00
16	Structure #12 - Centrate Tank	\$ 6,100	386.00	0.00	307.00	693.00	11%	5,407.00
17	Closing Documents	\$ 2,000	0.00	0.00	0.00	0.00	0%	2,000.00
18	Demobilization	\$ 800	0.00	0.00	0.00	0.00	0%	800.00
312210	Site Grading	\$ 28,600	0.00	0.00	0.00	0.00	0%	28,600.00

APPLICATION FOR PAYMENT SCHEDULE

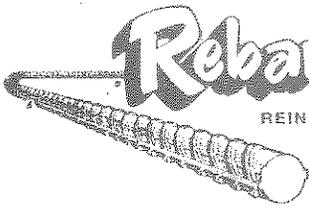
Spec.		Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
312310	Excavation - Pretreatment	\$ 89,700	89,700.00	0.00	0.00	89,700.00	100%	0.00
312316	Backfill - Pretreatment	\$ 92,600	19,000.00	5,000.00	0.00	24,000.00	26%	68,600.00
312316	Backfill - UV Structure	\$ 66,500	56,500.00	3,500.00	0.00	60,000.00	90%	6,500.00
312316	Backfill - Vactor Pad	\$ 11,000	0.00	0.00	0.00	0.00	0%	11,000.00
312319	Dewatering	\$ 65,500	45,000.00	0.00	0.00	45,000.00	69%	20,500.00
312320	Bypass Pumping and Piping	\$ 74,200	0.00	0.00	0.00	0.00	0%	74,200.00
321228	Asphaltic Surfacing	\$ 36,800	0.00	0.00	0.00	0.00	0%	36,800.00
321630	Concrete Curb & Gutter	\$ 9,900	0.00	0.00	0.00	0.00	0%	9,900.00
323113	Chain Link Fences and Gates	\$ 34,700	0.00	0.00	0.00	0.00	0%	34,700.00
329212	Seed and Sod	\$ 7,500	0.00	0.00	0.00	0.00	0%	7,500.00
331100	Site Utilities	\$ 243,400	27,335.00	0.00	0.00	27,335.00	11%	216,065.00
400559	Hydraulic Gates	\$ 33,800	27,130.00	0.00	0.00	27,130.00	80%	6,670.00
402310	Process Pipe and Fittings	\$ 377,500	77,087.70	4,500.00	13,748.03	95,335.73	25%	282,164.27
402320	Process Valves	\$ 308,200	63,990.00	1,200.00	40,798.00	105,988.00	34%	202,212.00
402330	Gauges	\$ 3,200	0.00	0.00	0.00	0.00	0%	3,200.00
402340	Pipe Supports and Hangers	\$ 7,400	0.00	0.00	0.00	0.00	0%	7,400.00
404213	Process Piping Insulation (Blower)	\$ 7,700	0.00	0.00	0.00	0.00	0%	7,700.00
411213	Screw Conveyors	\$ 34,300	0.00	0.00	0.00	0.00	0%	34,300.00
412200	Monorails, Hoists, Trolleys & Davit Cranes	\$ 51,200	0.00	0.00	0.00	0.00	0%	51,200.00
431219	Blower Assemblies	\$ 92,100	86,022.00	0.00	0.00	86,022.00	93%	6,078.00
432114	Torque Flow Pumps	\$ 24,600	0.00	0.00	0.00	0.00	0%	24,600.00
432125	Submersible Pumps	\$ 37,000	0.00	0.00	0.00	0.00	0%	37,000.00
432137	Progressive Cavity Pumps	\$ 91,000	0.00	0.00	0.00	0.00	0%	91,000.00
432252	Magnetic Flowmeters	\$ 1,200	0.00	0.00	0.00	0.00	0%	1,200.00
432253	Parshall Flume	\$ 2,500	0.00	0.00	0.00	0.00	0%	2,500.00
432270	Automatic Sampler	\$ 8,300	0.00	0.00	0.00	0.00	0%	8,300.00
432313	Horizontal Centrifugal Pumps	\$ 77,600	0.00	0.00	0.00	0.00	0%	77,600.00
432331	Vertical Centrifugal Pumps	\$ 209,300	0.00	0.00	0.00	0.00	0%	209,300.00
443100	Odor Treatment Equipment	\$ 130,400	0.00	0.00	0.00	0.00	0%	130,400.00
444680	Tank Cleaning	\$ 55,600	0.00	0.00	0.00	0.00	0%	55,600.00
446656	Ultra Violet Treatment Equipment	\$ 238,000	0.00	0.00	211,500.00	211,500.00	89%	26,500.00
462139	Fine Screening Equipment	\$ 82,400	0.00	0.00	0.00	0.00	0%	82,400.00
462323	Vortex Grit Removal System	\$ 64,200	0.00	0.00	0.00	0.00	0%	64,200.00
462363	Grit Classifying and Washing	\$ 48,200	0.00	0.00	0.00	0.00	0%	48,200.00
464123	Submersible Mixers	\$ 15,000	0.00	0.00	0.00	0.00	0%	15,000.00
464321	Final Clarifier Equipment	\$ 285,300	0.00	0.00	0.00	0.00	0%	285,300.00
465122	Fine Bubble Aeration	\$ 76,200	0.00	0.00	0.00	0.00	0%	76,200.00

Contractor: Magney Construction, Inc.
 Owner: City of Hudson, WI
 Project: Wastewater Treatment Plant 2020 Improvements

Date of Application:
 Work Completed Through:

APPLICATION FOR PAYMENT SCHEDULE

Spec.		Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
467123	Dissolved Air Flotation	\$ 286,000	0.00	0.00	0.00	0.00	0%	286,000.00
	Contract Totals	\$ 10,055,600						
	Change Orders							
	New Personnel Door at Garage	\$ -	0.00	0.00	0.00	0.00	#DIV/0!	0.00
	Pretreatment Building Revisions	\$ 324,214.94	65,000.00	58,560.00	0.00	123,560.00	38%	200,654.94
	Change Order Totals	324,214.94						
	Totals	10,379,814.94	1,516,557.52	424,526.00	454,756.03	2,395,839.55	23%	7,983,975.39
	Original Contract amount		10,055,600.00					
	Change Orders to date		324,214.94					
	Revised Contract amount		10,379,814.94					
	Value completed to date		1,941,083.52					
	Materials stored on site		454,756.03					
	Total Earned to date		2,395,839.55					
	Amount retained		119,791.98					
	Amount previously paid		1,440,729.64					
	Amount due this Payment		835,317.93					

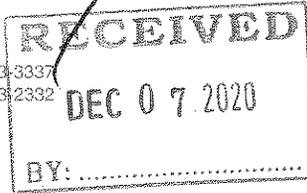


REINFORCING BAR FABRICATORS

Invoice

Plant: 720 First Street Southwest
Mailing: P.O. Box 120267
New Brighton, MN 55112-0015

Phone: (651) 633-3337
Fax: (651) 633-2332



Invoice No / Date: 0004039110 11/25/2020
Bill of Lading No / Date: 0114187 11/25/2020
Sales Order No: 0119597
Customer: MAGCON
Job: 20151
Salesperson: Eric Bowker
Contact:
Phone:

Sold To _____ Ship To _____

CITY of HUDSON. WI
c/o MAGNEY CONSTRUCTION. INC.
1401 PARK ROAD
CHANHASSEN. MN 55317 USA

HUDSON WWTP
329 FRONT STREET
@ Site: Luke Hoisington 507.210.8950
*** 48 HR. ADVANCE NOTICE REQ'D. ***
HUDSON. WI 54016 USA

Customer P.O.	Ship Via	F.O.B.	Terms
562-3200	Our Truck	Jobsite/PREPAID	NET 30 DAYS

Item	Description	Qty Shipped	Price	Amount
Reinforcing Steel Per Release CC CTN, Release 10, Drawing R1, GRIT PAD/WALLS, EQUIP. ROOM PAD				
RB	Black Rebar	24,153 lbs		12,216.00
SB72	L.F. SB 2" ALL PLASTIC	120 LF		15.00
Rebar Freight	Freight - Contract \$	1 EA		190.00
*** MILL TEST REPORTS REQUIRED! ***				
TAX EXEMPT IN WI ONLY				
	Job #	Pd Date	Check #	
	562			

Total Weight: 24,183 Lbs

Subtotal	12,421.00
Freight	0.00
WI-5% 0.00 Tax	0.00
Payment/Credit Amount	0.00
Balance	12,421.00

NO RETAINAGE ALLOWED
NET 30 DAYS

PLEASE PAY FROM THIS INVOICE
NO STATEMENT WILL BE SENT



REINFORCING BAR FABRICATORS

Bill of Lading

NOV 25 2020

11/25/20

2ND BACK

Plant: 720 First Street Southwest
Mailing: P.O. Box 120267
New Brighton, MN 55112-0015

Phone: (651) 633-3337
Fax: (651) 633-2332

Bill of Lading No: 0114187
Ship Date: 11/20/2021

S
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O

MAGNEY CONSTRUCTION, INC.
HUDSON WWTP
329 FRONT STREET
@ Site: Luke Hoisington 507.210.8950
*** 48 HR. ADVANCE NOTICE REQ'D. ***
Hudson, WI 54016 USA

Customer: MAGCON
Job Number: 20151
Ship Via: Our Truck
F.O.B.: Jobsite/PREPAID
Customer P.O.: 562-3200

1011

Contact:
Phone:

Quantity Ordered	Quantity This Ship	UM	Description	Weight Lbs
SO #0119597			Reinforcing Steel Per Release CC CTN, Release 10, Drawing R1, GRIT PAD/WALLS, EQUIP.ROOM PAD	
24,153	24,153	lbs	Black Rebar	24,153
120	120	LF	L.F. SB 2" ALL PLASTIC	30
BATCH #76528 CONTACT: LUKE - 507-210-8950				
Prints req'd.: Y or N Detailer: <u> </u> *** MILL TEST REPORTS REQUIRED! ***				
Total Weight:				24,183

Handwritten signatures and notes:
T-5305
T-5305
T-5305

Special Instructions:
Requested Delivery Date: 11/20/2020
T-5305

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and conditions of contents of package unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by

Note: To obtain allowance for shortage or damage, customer must advise shipper within 5 days of receipt of material. Customer has absolutely no permission to refabricate material which will result in a back-charge to shipper without written consent of shipper.

Rebarfab, Inc. 720 First Street Southwest PO Box 120267 NEW BRIGHTON, MN 55112- Phone: (651) 633-3337 FAX: (651) 633-2332	JOB NUMBER 20151	RELEASE NUMBER 10	REQ. DELIVERY DATE	PAGE 1 of 2
	JOB NAME HUDSON WWTP			CC CTN
	CUSTOMER MAGNEY CONSTRUCTION, INC.			BY EJB

MATERIAL TYPE Rebar, Grade 60, Black				REFERENCE PARTIAL			DRAWING ID R1				DESCRIPTION GRIT PAD/WALLS, EQUIP.ROOM PAD									
Item	Qty	Size	Length	Mark	Shape	Lbs	A	B	C	D	E	F/R	G	H	J	K	O	BC		

*** MILL TEST REPORTS REQUIRED! ***

1	97	8	7-11	8A57		2	2051	1-04	6-07										H05
	97.						2051.												
2	48	7	7-01	7A58		2	695	1-02	5-11										H04
3	26	7	7-00	7A61		2	372	1-02	5-10										H04
	74.						1067.												
4	12	6	10-05	6A60		3	188			4-053	1-06	4-053			2-00		4-00		H01
5	26	6	8-00	6A14		17	312		4-00	4-00									H04
6	88	6	6-04	6A13		2	837	1-00	5-04										H04
7	26	6	5-07	6A5		2	218	1-00	4-07										H04
8	333	6	5-06	6A9		2	2751	1-00	4-06										H04
9	60	6	5-01	6A10		2	458	1-00	4-01										H04
10	40	6	3-02	6A67		2	190	1-00	1-02				1-00						H08
11	26	6	32-04				1263												0
12	44	6	30-00				1983												0
13	18	6	29-00				784												0
14	28	6	27-06				1157												0
15	16	6	27-00				649												0
16	12	6	24-08				445												0
17	32	6	21-06				1033												0
18	18	6	20-06				554												0
19	30	6	19-00				856												0
20	26	6	17-02				671												0
21	28	6	16-00				673												0
22	9	6	13-06				182												0
23	3	6	13-00				59												0
24	26	6	12-00				469												0
25	114	6	11-11				2041												0
26	14	6	11-10				249												0
27	22	6	11-04				374												0
28	42	6	8-00				505												0
29	60	6	6-03				563												0
30	60	6	5-04				480												0

** THE FOLLOWING ITEM HAS END PREPS - Left: Lenton **

31	26	6	4-00				156												0
	1239.						20100.												
32	30	5	5-06	5A12		2	172	0-10	4-08										H03
33	14	5	4-08	5A8		2	68	0-10	3-10										H03
34	14	5	13-06				197												0
	58.						437.												
35	70	4	6-07	4A4		25	308		1-06	1-002	1-06	1-002	1-06		1-00		0-06		C09
36	36	4	6-02	4A3		25	148		1-06	0-101	1-06	0-101	1-06		0-10		0-05		C09
	106.						456.												
37	26	3	3-10	3A68		17	37		1-04	1-02	1-04								C03

Rebarfab, Inc. 720 First Street Southwest PO Box 120267 NEW BRIGHTON, MN 55112- Phone: (651) 633-3337 FAX: (651) 633-2332	JOB NUMBER 20151	RELEASE NUMBER 10	REQ. DELIVERY DATE	PAGE 2 of 2
	JOB NAME HUDSON WWTP			CC CTN
	CUSTOMER MAGNEY CONSTRUCTION, INC.			BY EJB

MATERIAL TYPE Rebar, Grade 60, Black				REFERENCE PARTIAL				DRAWING ID R1				DESCRIPTION GRIT PAD/WALLS, EQUIP.ROOM PAD									
Item	Qty	Size	Length	Mark	Shape	Lbs	A	B	C	D	E	F/R	G	H	J	K	O	BC			
1	4	3	3-04	3A69	17	5		1-04	0-08	1-04								C03			
						30.							42.								

Miscellaneous Items

SB72	L.F. SB 2" ALL PLASTIC			120	LF	30	Lbs
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WEIGHT SUMMARY

TOTAL				STRAIGHT			LIGHT BENDING			HEAVY BENDING		
SIZE	ITEMS	PIECES	LBS	ITEMS	PIECES	LBS	ITEMS	PIECES	LBS	ITEMS	PIECES	LBS
Rebar, Grade 60, Black												
3	2	30	42	0	0	0	2	30	42	0	0	0
4	2	106	456	0	0	0	2	106	456	0	0	0
5	3	58	437	1	14	197	0	0	0	2	44	240
6	28	1239	20,100	21	654	15,146	0	0	0	7	585	4,954
7	2	74	1,067	0	0	0	0	0	0	2	74	1,067
8	1	97	2,051	0	0	0	0	0	0	1	97	2,051
	<u>38</u>	<u>1604</u>	<u>24,153</u>	<u>22</u>	<u>668</u>	<u>15,343</u>	<u>4</u>	<u>136</u>	<u>498</u>	<u>12</u>	<u>800</u>	<u>8,312</u>

END PREP SUMMARY BY BAR SIZE

Rebar, Grade 60, Black

END PREP	6	TOTAL
Lenton	26	26
	<u>26</u>	<u>26</u>

MISCELLANEOUS PRODUCT SUMMARY

SB72	L.F. SB 2" ALL PLASTIC	120	LF	30	Lbs
Sub-Total				30	Lbs

Total Weight: 24,183 Lbs

Longest Length: 32-04



Mill Certification

10/26/2020

MTR#:522219-2
Lot #:360000735721
ONE NUCOR WAY
BOURBONNAIS, IL 60914 US
815 937-3131
Fax: 815 939-5599

Sold To: REBARFAB
PO BOX 120267
NEW BRIGHTON, MN 55112 US

Ship To: REBARFAB
720 1ST ST SW
MNNR IS DELIVERY CARRIER
NEW BRIGHTON, MN 55112 US

Customer PO	11427	Sales Order #	36016131 - 3.1
Product Group	Rebar	Product #	3020138
Grade	A615 Gr 60/AASHTO M31	Lot #	360000735721
Size	#8	Heat #	3600007357
BOL #	BOL-606420	Load #	522219
Description	Rebar #8/25mm A615 Gr 60/AASHTO M31 60' 0" [720"] 6001-10000 lbs	Customer Part #	
Production Date	10/24/2020	Qty Shipped LBS	127840
Product Country Of Origin	United States	Qty Shipped EA	798
Original Item Description		Original Item Number	

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

Melt Country of Origin : United States

Melting Date: 08/26/2019

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.31	0.82	0.030	0.050	0.198	0.25	0.25	0.08	0.41	0.018	0.001

Other Test Results

Yield (PSI) : 67600

Tensile (PSI) : 102000

Average Deformation Height (IN) : 0.055

Elongation in 8" (%) : 14.8

Bend Test : Pass

Weight Percent Variance (%) : -4.09

Comments:

All manufacturing processes of the steel materials in this product, including melting, have occurred within the United States. Products produced are weld free. Mercury, in any form, has not been used in the production or testing of this material.

Zachary Sprintz, Chief Metallurgist



Mill Certification

07/30/2020

MTR#:451956-4
Lot #:360001428720
ONE NUCOR WAY
BOURBONNAIS, IL 60914 US
815 937-3131
Fax: 815 939-5599

Sold To: REBARFAB
PO BOX 120267
NEW BRIGHTON, MN 55112 US

Ship To: REBARFAB
720 1ST ST SW
MNNR IS DELIVERY CARRIER
NEW BRIGHTON, MN 55112 US

Customer PO	11385	Sales Order #	36013499 - 4.3
Product Group	Rebar	Product #	2110277
Grade	A615 Gr 60/AASHTO M31	Lot #	360001428720
Size	#6	Heat #	3600014287
BOL #	BOL-544852	Load #	451956
Description	Rebar #6/19mm A615 Gr 60/AASHTO M31 60' 0" [720"] 6001-10000 lbs	Customer Part #	
Production Date	07/24/2020	Qty Shipped LBS	15140
Product Country Of Origin	United States	Qty Shipped EA	168
Original Item Description		Original Item Number	

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

Melt Country of Origin : United States

Melting Date: 07/22/2020

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)	Sn (%)
0.39	1.01	0.011	0.040	0.206	0.19	0.14	0.07	0.38	0.004	0.002	0.015

Other Test Results

Yield (PSI) : 67500

Tensile (PSI) : 105800

Average Deformation Height (IN) : 0.047

Elongation in 8" (%) : 12.1

Bend Test : Pass

Weight Percent Variance (%) : -2.79

Comments:

All manufacturing processes of the steel materials in this product, including melting, have occurred within the United States. Products produced are weld free. Mercury, in any form, has not been used in the production or testing of this material.

Zachary Sprintz, Chief Metallurgist



ROCKY MOUNTAIN STEEL
A DIVISION OF EVRAZ INC. NA

2100 S. Freeway
Pueblo, CO 81004 USA

MATERIAL TEST REPORT

Date Printed: 30-JUL-20

Certificate ID: 16222

Date Shipped: 30-JUL-20	Product: DEF #4 (1/2")	Specification: ASTM A706/A615 GR 60
FWIP: 52815348	Customer: REBARFAB INC	Cust. PO: 11386
	PO BOX 120267	
	NEW BRIGHTON, MN 55112-0015	

CHEMICAL ANALYSIS (In Weight %, uncertainty of measurement 0.005%)

Heat Number	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al	V	B	Cb	Sn	N	Ti	Co
617028	0.26	1.23	0.010	0.014	0.22	0.27	0.08	0.18	0.016	0.002	0.043	0.0002	0.000	0.009	0.0078	0.001	0.007

(MELTED AND CASTON 06/22/20)

Carbon Equivalent = 0.489

M E C H A N I C A L P R O P E R T I E S

(ROLLED & TESTED ON 07/20/20)

Heat Number	Sample No.	Yield (Psi)	Ultimate (Psi)	Elongation (%)	Reduction (%)	Bend	Wt/ft
617028	01	65558	98300	15.4		OK	0.676
617028	02	452.0 68441	677.8 98450	14.1		OK	0.677
		471.9	678.8				

All melting and manufacturing processes of the material subject to this test certificate occurred in the United States of America.

ERMMS also certifies this material to be free from Mercury contamination.

This material has been produced, tested and conforms to the requirements of the applicable specifications. We hereby certify that the above test results represent those contained in the records of the Company.

Methods used: ASTM A370, A510, A615, A706.

Material test report shall not be reproduced except in full, without approval of the company.

Jon Ball

Jon Ball
General Supervisor of Quality



Great Northern Environmental

1300 Helmo Avenue N
Oakdale, MN 55128

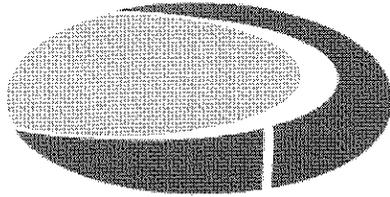
Invoice

Date	Invoice #
12/15/2020	3302

Bill To
Magney Construction, Inc. 1401 Park Road Chanassen, MN 55317

Ship To
Hudson WWTP 329 Front Street Hudson, WI 54016 United States

S.O. No.	P.O. No.	Terms	Rep	Project	Project	
1352844	562-11110	Net 45	MF	Hudson, WI	Hudson, WI	
Item	Description	Orde..	Prev. Invoiced	Invoiced	Rate	Amount
Section 44 66 56 - Huds...	Open-Channel Low Pressure High Intensity Ultraviolet Treatment System	1	0	0.9	235,000.00	211,500.00T
				Subtotal		\$211,500.00
				Sales Tax (0.0%)		\$0.00
				Total		\$211,500.00
				Payments/Credits		\$0.00
				Balance Due		\$211,500.00



Plant & Flanged

EQUIPMENT LLC

10101 XYLITE STREET NE
BLAINE, MN 55449-5227
(763) 792-3870
(763) 792-3876

Sold To:
MAGNEY CONSTRUCTION
1401 PARK ROAD
CHANHASSEN, MN 55317

Confirm To:

Invoice



Invoice Number: 0078065-IN
Invoice Date: 11/30/2020

Page: 1

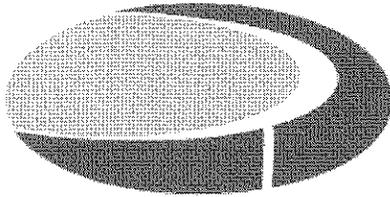
Customer Number: MAG5000
Order Number:
Order Date:

Ship To:
MAGNEY CONSTRUCTION
c/o WASTEWATER TREATMENT FAC.
329 FRONT STREET
LUKE HOISINGTON 507-210-8950
HUDSON, WI 54016

Customer P.O. 562-13300	Ship VIA DIRECT	Tracking Number 00549359918 DAYTON;	Terms NET 30 DAYS
-----------------------------------	---------------------------	---	-----------------------------

Item Desc	MARK	Ordered	Shipped	Back Ordered	Price	Amount
10-28-2020 WTF SWR STRM						
4" MJ C153 LONG SLEEVE BLK USA		2.00	2.00	0.00	58.00	116.00
WATER LID USA		1.00	1.00	0.00	425.00	425.00
26T TOP SECTION 6860 USA		1.00	1.00	0.00	0.00	0.00
#60 EXTENSION 6860 USA		1.00	1.00	0.00	0.00	0.00
#24B BOTTOM 6860 USA		1.00	1.00	0.00	0.00	0.00
#6 BASE USA		1.00	1.00	0.00	0.00	0.00
4" MJ C153 45 BEND CL BLK USA		4.00	4.00	0.00	52.20	208.80
4" MJ C153 90 BEND CL BLK USA		2.00	2.00	0.00	62.55	125.10

Net Invoice:	874.90
Less Discount:	0.00
Freight:	0.00
Sales Tax:	0.00
Invoice Total:	874.90



Plant & Flanged

EQUIPMENT LLC

10101 XYLITE STREET NE
BLAINE, MN 55449-5227
(763) 792-3870
(763) 792-3876

Invoice



Invoice Number: 0078069-IN
Invoice Date: 11/30/2020

Page: 1

Customer Number: MAG5000
Order Number: 0059535
Order Date 11/02/2020

Sold To:
MAGNEY CONSTRUCTION
1401 PARK ROAD
CHANHASSEN, MN 55317

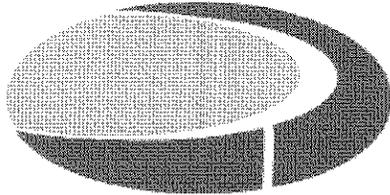
Ship To:
MAGNEY CONSTRUCTION
c/o WASTEWATER TREATMENT FAC.
329 FRONT STREET
LUKE HOISINGTON 507-210-8950
HUDSON, WI 54016

Confirm To:

Customer P.O.	Ship VIA	Tracking Number	Terms
562-13300	C&L		NET 30 DAYS

Item Desc	MARK	Ordered	Shipped	Back Ordered	Price	Amount
10-29-2020 PRETREATMENT SLEEVES						
8" FL X FL WALLPIPE 1'-6" CL BLK W/SR & BETFS	116, 121, 126	3.00	3.00	0.00	623.50	1,870.50
4" MJ X PE WALLPIPE 2'-0" OA CL RPX W/SR 6" FMJ, TFS & CLIPS	149	1.00	1.00	0.00	412.00	412.00
4" MJ X MJ WALLPIPE 1'-6" OA CL RPX W/SR & BETFS	150 & 162	2.00	2.00	0.00	685.00	1,370.00
4" MJ X MJ WALLPIPE 1'-0" OA CL RPX W/SR & BETFS	166	1.00	1.00	0.00	669.00	669.00
6" MJ X MJ WALLPIPE 1'-0" OA CL RPX W/SR & BETFS	178	1.00	1.00	0.00	848.00	848.00
6" MJ X MJ WALLPIPE 0'-8" OA CL RPX W/SR & BETFS	182	1.00	1.00	0.00	848.00	848.00

Net Invoice:	6,017.50
Less Discount:	0.00
Freight:	232.10
Sales Tax:	0.00
Invoice Total:	6,249.60



Plant & Flanged
EQUIPMENT LLC

10101 XYLITE STREET NE
BLAINE, MN 55449-5227
(763) 792-3870
(763) 792-3876

Sold To:
MAGNEY CONSTRUCTION
1401 PARK ROAD
CHANHASSEN, MN 55317

Confirm To:

Invoice



Invoice Number: 0078070-IN
Invoice Date: 11/30/2020

Customer Number: MAG5000
Order Number: 0059548
Order Date: 11/03/2020

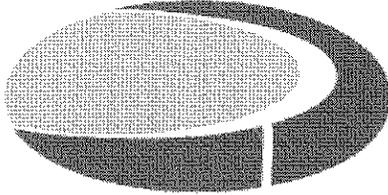


Page: 1

Ship To:
MAGNEY CONSTRUCTION
c/o WASTEWATER TREATMENT FAC.
329 FRONT STREET
LUKE HOISINGTON 507-210-8950
HUDSON, WI 54016

Customer P.O.	Ship VIA	Tracking Number	Terms			
562-13300	C&L		NET 30 DAYS			
Item Desc	MARK	Ordered	Shipped	Back Ordered	Price	Amount
10-28-2020 WTF SWR STRM						
4" MJ Transition Gasket		2.00	2.00	0.00	2.50	5.00
8' CS Square Stem Extension BLK		1.00	1.00	0.00	0.00	0.00
4" AFC Gate Valve Box Adaptor (P/N 20057)		1.00	1.00	0.00	65.00	65.00
4" Mega-Lug		14.00	14.00	0.00	34.10	477.40
4" MJ Blt/Gask (4) 3/4x31/2 CB USA		15.00	15.00	0.00	0.00	0.00
4" Mega-Lug/PVC		2.00	2.00	0.00	39.00	78.00
3/4" X 3 1/2" CB T-Bolt w/Nut USA		4.00	4.00	0.00	3.00	12.00
4" Gask C900 PVC Pipe DR 18		40.00	40.00	0.00	2.40	96.00
4" Gask PVC Sewer Pipe DR 26		112.00	112.00	0.00	1.45	162.40
4" Polywrap (16" Lay-flat)		154.00	154.00	0.00	0.35	53.90
12" Poly-wrap (27" Lay-flat)		44.00	44.00	0.00	0.55	24.20
18" Poly-wrap (37" Lay-flat)		22.00	22.00	0.00	0.90	19.80
24" Poly-wrap (54" Lay-flat)		22.00	22.00	0.00	1.20	26.40
#12 Copperhead 1230BHS 30 Mil Tracer Wire Blue (500' Coil)		1.00	1.00	0.00	175.00	175.00

Continued



Plant & Flanged

EQUIPMENT LLC

10101 XYLITE STREET NE
BLAINE, MN 55449-5227
(763) 792-3870
(763) 792-3876

Invoice



Page: 2

Invoice Number: 0078070-IN
Invoice Date: 11/30/2020

Customer Number: MAG5000
Order Number: 0059548
Order Date 11/03/2020

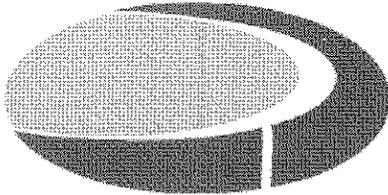
Sold To:
MAGNEY CONSTRUCTION
1401 PARK ROAD
CHANHASSEN, MN 55317

Ship To:
MAGNEY CONSTRUCTION
c/o WASTEWATER TREATMENT FAC.
329 FRONT STREET
LUKE HOISINGTON 507-210-8950
HUDSON, WI 54016

Confirm To:

Customer P.O.	Ship VIA	Tracking Number	Terms			
562-13300	C&L		NET 30 DAYS			
Item Desc	MARK	Ordered	Shipped	Back Ordered	Price	Amount
#12 Copperhead 1230BHS 30 Mil Tracer Wire Purple (500' Coil)		1.00	1.00	0.00	175.00	175.00
3-Way TW Main-to-Service Connector P/N 3WB-01 (10, 12 & 14-AWG)		1.00	1.00	0.00	18.50	18.50
#12 Snakebite Lock Conn Blue (LSC1230B)		5.00	5.00	0.00	13.50	67.50
WATER SNAKEPIT CONCRETE / DRIVEWAY ACCESS POINT P/N CD14B2T-SW		2.00	2.00	0.00	72.50	145.00
#12 Ground Rod (ANO-12)		3.00	3.00	0.00	59.95	179.85
RECLAIM SNAKEPIT CONCRETE / DRIVEWAY ACCESS POINT P/N CD14P2T-SW		1.00	1.00	0.00	72.50	72.50

Net Invoice:	1,853.45
Less Discount:	0.00
Freight:	0.00
Sales Tax:	0.00
Invoice Total:	1,853.45



Plant & Flanged
EQUIPMENT LLC

10101 XYLITE STREET NE
BLAINE, MN 55449-5227
(763) 792-3870
(763) 792-3876

Sold To:
MAGNEY CONSTRUCTION
1401 PARK ROAD
CHANHASSEN, MN 55317

Confirm To:

Invoice



Invoice Number: 0078071-IN
Invoice Date: 11/30/2020

Customer Number: MAG5000
Order Number: 0059598
Order Date: 11/13/2020

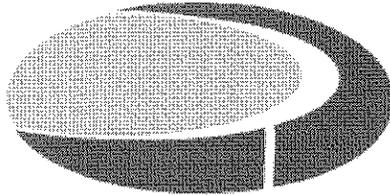


Page: 1

Ship To:
MAGNEY CONSTRUCTION
c/o WASTEWATER TREATMENT FAC.
329 FRONT STREET
LUKE HOISINGTON 507-210-8950
HUDSON, WI 54016

Customer P.O.	Ship VIA	Tracking Number	Terms				
562-13300	C&L		NET 30 DAYS				
Item Desc	MARK	Ordered	Shipped	Back Ordered	Price	Amount	
RELEASE 11-12-20							
12" FL X FL DIP 8'-0" UNL RPX WITH OFHT	1	1.00	0.00	1.00	1,018.00	0.00	
12" FL X FL DIP 3'-1 3/4" UNL RPX	1A	1.00	0.00	1.00	703.00	0.00	
12" FL X FL DIP 1'-6 3/8" UNL RPX	3	1.00	0.00	1.00	563.00	0.00	
10" FL X FL DIP 3'-7 7/8" UNL RPX	7	1.00	0.00	1.00	554.00	0.00	
10" FL X FL DIP 1'-9 1/8" UNL RPX	10	1.00	0.00	1.00	438.00	0.00	
12" FL X FL DIP 8'-0 1/4" UNL RPX	13	1.00	0.00	1.00	1,018.00	0.00	
10" FL X FL DIP 4'-2 3/4" UNL RPX	15	1.00	0.00	1.00	583.00	0.00	
10" FL X FL DIP 4'-10 3/8" UNL RPX	17	1.00	0.00	1.00	612.00	0.00	
10" Galv. Clevis Hanger DIP USA		1.00	1.00	0.00	85.00	85.00	
12" Galv. Clevis Hanger DIP USA		1.00	1.00	0.00	98.00	98.00	
12" F.F. Comp. Gask. 1/8		10.00	10.00	0.00	17.00	170.00	

Continued



Plant & Flanged

EQUIPMENT LLC

10101 XYLITE STREET NE
BLAINE, MN 55449-5227
(763) 792-3870
(763) 792-3876

Invoice



Invoice Number: 0078071-IN
Invoice Date: 11/30/2020

Customer Number: MAG5000
Order Number: 0059598
Order Date 11/13/2020

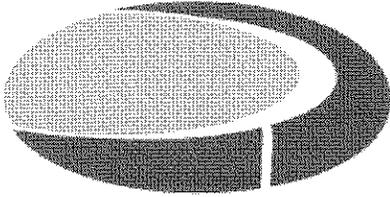
Sold To:
MAGNEY CONSTRUCTION
1401 PARK ROAD
CHANHASSEN, MN 55317

Ship To:
MAGNEY CONSTRUCTION
c/o WASTEWATER TREATMENT FAC.
329 FRONT STREET
LUKE HOISINGTON 507-210-8950
HUDSON, WI 54016

Confirm To:

Customer P.O.	Ship VIA	Tracking Number	Terms			Price	Amount
562-13300	C&L		NET 30 DAYS				
Item Desc	MARK	Ordered	Shipped	Back Ordered	Price	Amount	
NA1001							
10" F.F. Comp. Gask. 1/8 NA1001		15.00	15.00	0.00	12.00	180.00	
12" Galv. Pipe Stand Trumbull (364-5855) (3'-0")		1.00	0.00	1.00	240.00	0.00	
4" X 6" STANDON GALV BASE PLATE WITH 2 1/2" COLLAR		2.00	2.00	0.00	69.00	138.00	
1" Threaded Rod Zinc USA		4.00	4.00	0.00	9.75	39.00	
1" Heavy Nut Zinc USA		4.00	4.00	0.00	2.45	9.80	
12" Standon Model TP102S Galv Restraint Plate		2.00	0.00	2.00	45.00	0.00	
7/8" X 5" Hex Bolt Zinc USA		4.00	4.00	0.00	8.10	32.40	

Net Invoice:	752.20
Less Discount:	0.00
Freight:	0.00
Sales Tax:	0.00
Invoice Total:	752.20



Plant & Flanged

EQUIPMENT LLC

10101 XYLITE STREET NE
BLAINE, MN 55449-5227
(763) 792-3870
(763) 792-3876

Sold To:
MAGNEY CONSTRUCTION
1401 PARK ROAD
CHANHASSEN, MN 55317

Confirm To:

Invoice

Invoice Number: 0078083-IN
Invoice Date: 12/02/2020



Page: 1

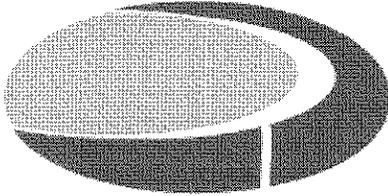
Customer Number: MAG5000
Order Number:
Order Date:

Ship To:
MAGNEY CONSTRUCTION
c/o WASTEWATER TREATMENT FAC.
329 FRONT STREET
LUKE HOISINGTON 507-210-8950
HUDSON, WI 54016

Customer P.O. 562-13300	Ship VIA DIRECT	Tracking Number	Terms NET 30 DAYS
-----------------------------------	---------------------------	------------------------	-----------------------------

Item Desc	MARK	Ordered	Shipped	Back Ordered	Price	Amount
10-29-2020 PRETREATMENT SLEEVES						
20" MJ X MJ WALLPIPE 1' 6" OA CL RPX W/SR & BETFS	(107)	1.00	1.00	0.00	3,547.15	3,547.15

Net Invoice: 3,547.15
Less Discount: 0.00
Freight: 109.91
Sales Tax: 0.00
Invoice Total: 3,657.06



Plant & Flanged

EQUIPMENT LLC

10101 XYLITE STREET NE
BLAINE, MN 55449-5227
(763) 792-3870
(763) 792-3876

Sold To:
MAGNEY CONSTRUCTION
1401 PARK ROAD
CHANHASSEN, MN 55317

Invoice

Invoice Number: 0078179-IN
Invoice Date: 12/16/2020



Page: 1

Customer Number: MAG5000
Order Number:
Order Date

Ship To:
MAGNEY CONSTRUCTION
c/o WASTEWATER TREATMENT FAC.
329 FRONT STREET
LUKE HOISINGTON 507-210-8950
HUDSON, WI 54016

Confirm To:

Customer P.O.	Ship VIA	Tracking Number	Terms
562-13300	DIRECT		NET 30 DAYS

Item Desc	MARK	Ordered	Shipped	Back Ordered	Price	Amount
10-28-2020 WTF SWR STRM						
4" GASKETED X PE NON-PRESSURE C900 PVC 90 BEND DR 18		1.00	1.00	0.00	69.10	69.10
4" GASKETED PVC SEWER 45 BEND DR 26		4.00	4.00	0.00	30.45	121.80
4" INDIANA SHEAR RING COUPLING (IPS PVC/SEWER PVC)		1.00	1.00	0.00	32.50	32.50
6" X 4" INDIANA SHEAR RING COUPLING (SEWER PVC/SEWER PVC)		1.00	1.00	0.00	58.55	58.55
4" INDIANA SHEAR RING COUPLING (SEWER PVC/CIP)		2.00	2.00	0.00	32.50	65.00

Net Invoice:	346.95
Less Discount:	0.00
Freight:	13.87
Sales Tax:	0.00
Invoice Total:	360.82

VESSCO, INC.

8217 Upland Circle
Chanhassen, MN 55317

(952) 941-2678
FAX (952) 941-0796

acct@vessco.com

INVOICE

82038

Bill To: Accounts Payable

MAGNEY CONSTRUCTION, INC.
1401 PARK ROAD
CHANHASSEN, MN 55317

Date 12/21/20

Terms Net 30

Order #	55545	Ordered	07/01/20
Cust Account #	011588	Job #	202040
Cust PO #	562-13350		
Ship Via	BEST	Shipped	12/21/20
FOB	SHIPPING POINT	Rep	160

Ship To:

Luke Hoisington 507-210-8950
MAGNEY CONSTRUCTION, INC.
C/O HUDSON WWTP
329 FRONT STREET
HUDSON, WI 54016

TAX ID EX

Email Invoice pam@magneyconstruction.com

Customer Phone (952) 474-1674

Item Num	Description	Order	Ship	B/O	Unit Price	Ext Price
444EQ	Partial Valve Package	1	1	0	40,798.00	40,798.00
444EQ	BAW,6,F1,CI,EPDN-EPDM,150B,CI-S1,AIS*GB-6B-N,	12	12	0	0.00	0.00
444EQ	PEC,14,F1,CI,NBR,CR,AIS*GB-12-HD16,FSDIR 3'	1	1	0	0.00	0.00
TAG	04-PV-01	1	1	0	0.00	0.00
444EQ	6" FLG RW Gate Valve FUW EMO	1	1	0	0.00	0.00
IQ12W43C5A3	IQ12WT-43A, FA10 480/3/60, W/D 110B0000	1	1	0	0.00	0.00
444EQ	6" FL Mueller RW Gate Valve to IQ12 FA10	1	1	0	0.00	0.00
Description	1.002" bore with a .250" keyway	1	1	0	0.00	0.00
TAG	12-FCV-01	1	1	0	0.00	0.00
444EQ	Incoming Freight - Invoice 78052-IN	1	1	0	0.00	0.00

Amount	40,798.00
Tax	0.00
Freight	0.00
TOTAL	40,798.00



CONSOLIDATED ELECTRICAL DISTRIBUTORS, INC.
 CED SUPPLY
 3131 MELBY ST
 EAU CLAIRE, WI 54703

T: 7158340443 F: 7158347404

Stored Wire

Invoice

INVOICE NO. 1942-440008	INVOICE DATE 12/17/2020
PLEASE SHOW INVOICE NO. AND REMIT TO: PO Box 310656 Des Moines, IA 50331-0656	

SOLD TO:

SIMON ELECTRIC
 345 ST. CROIX AVE
 NEW RICHMOND, WI 54017

SHIP TO:

SIMON ELECTRIC
 SIMON SHOP
 345 ST. CROIX AVE
 NEW RICHMOND, WI 54017

ACCOUNT #/NAME		JOB NAME		CUSTOMER ORDER NO.					
VL-80949 HUDSON WWTP		HUDSON WWTP WIRE		5770A-8425					
SALESPERSON		SHIPPING INFORMATION		SHIP VIA		SHIP DATE			
1300 IH		PREPAID		BEST WAY		12/17/2020			
QTY ORDERED	PRODUCT CODE	DESCRIPTION	CODE	QTY SHIPPED	PRICE	PER	DISC.	EXTENSION	C / D
T 6000	WIRE THHN14STRWHT	#14 THHN STR WHITE X 500		6000	60.00	M		360.00	0.0
T 10000	WIRE THHN14STRBLK	#14 THHN STR BLACK X 500		10000	60.00	M		600.00	0.0
T 10000	WIRE THHN14STRRED	#14 THHN STR RED X 500		10000	60.00	M		600.00	0.0
T 8000	WIRE THHN14STRBLU	#14 THHN STR BLUE X 500		8000	60.00	M		480.00	0.0
T 6000	WIRE THHN14STRGRN	#14 THHN STR GREEN X 500		6000	60.00	M		360.00	0.0
T 22500	WIRE THHN12STRBRN2500R	#12 THHN STR BROWN X 2500		22500	90.00	M		2025.00	0.0
T 22500	WIRE THHN12STRORG2500R	#12 THHN STR ORANGE X 2500		22500	90.00	M		2025.00	0.0
T 22500	WIRE THHN12STRYEL2500R	#12 THHN STR YELLOW X 2500		22500	90.00	M		2025.00	0.0
T 15000	WIRE THHN12STRBLK2500R	#12 THHN STR BLACK X 2500		15000	90.00	M		1350.00	0.0
T 15000	WIRE THHN12STRRED2500R	#12 THHN STR RED X 2500		15000	90.00	M		1350.00	0.0
T 15000	WIRE THHN12STRBLU2500R	#12 THHN STR BLUE X 2500		15000	90.00	M		1350.00	0.0
T 15000	WIRE THHN12STRWHT/BLK2500	#12 THHN STR WHT/BLK TRACER 2500		15000	115.00	M		1725.00	0.0
T 15000	WIRE THHN12STRWHT/RED2500	#12 THHN STR WHT/RED TRACER 2500		15000	115.00	M		1725.00	0.0
T 15000	WIRE THHN12STRWHT/BLU2500	#12 THHN STR WHT/BLU TRACER 2500		15000	115.00	M		1725.00	0.0
T 17500	WIRE THHN12STRGRN2500R	#12 THHN STR GREEN X 2500		17500	90.00	M		1575.00	0.0
T 2500	WIRE THHN12STRGRY2500R	#12 THHN STR GRAY X 2500		2500	90.00	M		225.00	0.0
T 5000	WIRE THHN10STRBLK2500R	#10 THHN STR BLACK X 2500		5000	139.00	M		695.00	0.0
T 5000	WIRE	#10 THHN STR RED X 2500		5000	139.00	M		695.00	0.0

TITLE TO MERCHANDISE PASSES AT POINT OF SHIPMENT. CLAIMS FOR SHORT OR DAMAGED MERCHANDISE SHOULD BE MADE TO CARRIER.
 MERCHANDISE RETURNED WITHOUT OUR CONSENT WILL NOT BE ACCEPTED. A RESTOCKING CHARGE WILL BE MADE ON RETURNED GOODS UNLESS DEFECTIVE OR THRU ERROR ON OUR PART.
 A SERVICE CHARGE OF 1.5% PER MONTH, BUT NOT TO EXCEED THE HIGHEST AMOUNT LAWFULLY ALLOWED BY CONTRACT IN THIS STATE, WILL BE MADE ON ALL PAST DUE ACCOUNTS.
 THIS SALE IS SUBJECT TO OUR TERMS LOCATED AT SALES.OUR-TERMS.COM, WHICH WE MAY CHANGE FROM TIME TO TIME WITHOUT PRIOR NOTICE.

CODE: TO ADVISE YOU PROMPTLY CONCERNING YOUR ORDER, THIS CODE IS USED ON OUR INVOICES.
 B - BACK ORDERED. WILL SHIP AS SOON AS RECEIVED UNLESS INSTRUCTED TO CANCEL.
 C - CANCELLED. NOT IN STOCK. UNABLE TO PURCHASE LOCALLY.
 NET PAYMENT IS DUE BY THE 15TH OF THE MONTH FOLLOWING PURCHASE

Invoice



CED SUPPLY
3131 MELBY ST
EAU CLAIRE, WI 54703

T: 7158340443 F: 7158347404

INVOICE NO. 1942-440008	INVOICE DATE 12/17/2020
PLEASE SHOW INVOICE NO. AND REMIT TO:	
PO Box 310656 Des Moines, IA 50331-0656	

SOLD TO:

SIMON ELECTRIC
345 ST. CROIX AVE
NEW RICHMOND, WI 54017

SHIP TO:

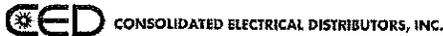
SIMON ELECTRIC
SIMON SHOP
345 ST. CROIX AVE
NEW RICHMOND, WI 54017

ACCOUNT #/NAME		JOB NAME		CUSTOMER ORDER NO.					
VL-80949 HUDSON WWTP		HUDSON WWTP WIRE		5770A-8425					
SALESPERSON		SHIPPING INFORMATION		SHIP VIA		SHIP DATE			
1300 IH		PREPAID		BEST WAY		12/17/2020			
QTY ORDERED	PRODUCT CODE	DESCRIPTION	CODE	QTY SHIPPED	PRICE	PER	DISC.	EXTENSION	C / D
	THHN10STRRED2500R								
T 5000	WIRE THHN10STRBLU2500R	#10 THHN STR BLUE X 2500		5000	139.00	M		695.00	0.0
T 2500	WIRE THHN10STRBRN2500R	#10 THHN STR BROWN X 2500		2500	139.00	M		347.50	0.0
T 2500	WIRE THHN10STORRG2500R	#10 THHN STR ORANGE X 2500		2500	139.00	M		347.50	0.0
T 2500	WIRE THHN10STRYEL2500R	#10 THHN STR YELLOW X 2500		2500	139.00	M		347.50	0.0
T 7500	WIRE THHN10STRGRN2500R	#10 THHN STR GREEN X 2500		7500	139.00	M		1042.50	0.0
T 1000	WIRE THHN8STRBRN1000R	#8 THHN STR BROWN X 1000		1000	225.00	M		225.00	0.0
T 500	WIRE THHN8STRBRN	#8 THHN STR BROWN X 500		500	225.00	M		112.50	0.0
T 1000	WIRE THHN8STORRG1000R	#8 THHN STR ORANGE X 1000		1000	225.00	M		225.00	0.0
T 500	WIRE THHN8STORRG	#8 THHN STR ORANGE X 500		500	225.00	M		112.50	0.0
T 1000	WIRE THHN8STRYEL1000R	#8 THHN STR YELLOW X 1000		1000	225.00	M		225.00	0.0
T 500	WIRE THHN8STRYEL	#8 THHN STR YELLOW X 500		500	225.00	M		112.50	0.0
T 2000	WIRE THHN8STRBLK1000R	#8 THHN STR BLACK X 1000		2000	225.00	M		450.00	0.0
T 2000	WIRE THHN8STRRED1000R	#8 THHN STR RED X 1000		2000	225.00	M		450.00	0.0
T 2000	WIRE THHN8STRBLU1000R	#8 THHN STR BLUE X 1000		2000	225.00	M		450.00	0.0
T 2500	WIRE THHN8STRGRN2500R	#8 THHN STR GREEN X 2500		2500	225.00	M		562.50	0.0
T 1000	WIRE THHN8STRGRN1000R	#8 THHN STR GREEN X 1000		1000	225.00	M		225.00	0.0
T 1000	WIRE THHN6STRBLK1000R	#6 THHN STR BLACK X 1000		1000	340.00	M		340.00	0.0

TITLE TO MERCHANDISE PASSES AT POINT OF SHIPMENT. CLAIMS FOR SHORT OR DAMAGED MERCHANDISE SHOULD BE MADE TO CARRIER.
 MERCHANDISE RETURNED WITHOUT OUR CONSENT WILL NOT BE ACCEPTED. A RESTOCKING CHARGE WILL BE MADE ON RETURNED GOODS UNLESS DEFECTIVE OR THRU ERROR ON OUR PART.
 A SERVICE CHARGE OF 1.5% PER MONTH, BUT NOT TO EXCEED THE HIGHEST AMOUNT LAWFULLY ALLOWED BY CONTRACT IN THIS STATE, WILL BE MADE ON ALL PAST DUE ACCOUNTS.
 THIS SALE IS SUBJECT TO OUR TERMS LOCATED AT SALES.OUR-TERMS.COM, WHICH WE MAY CHANGE FROM TIME TO TIME WITHOUT PRIOR NOTICE.

CODE TO ADVISE YOU PROMPTLY CONCERNING YOUR ORDER, THIS CODE IS USED ON OUR INVOICES.
 B - BACK ORDERED. WILL SHIP AS SOON AS RECEIVED UNLESS INSTRUCTED TO CANCEL.
 C - CANCELLED. NOT IN STOCK. UNABLE TO PURCHASE LOCALLY.
 NET PAYMENT IS DUE BY THE 15TH OF THE MONTH FOLLOWING PURCHASE

Invoice



CED SUPPLY
3131 MELBY ST
EAU CLAIRE, WI 54703

T: 7158340443 F: 7158347404

INVOICE NO. 1942-440008	INVOICE DATE 12/17/2020
PLEASE SHOW INVOICE NO. AND REMIT TO:	
PO Box 310656 Des Moines, IA 50331-0656	

SOLD TO:

SIMON ELECTRIC
345 ST. CROIX AVE
NEW RICHMOND, WI 54017

SHIP TO:

SIMON ELECTRIC
SIMON SHOP
345 ST. CROIX AVE
NEW RICHMOND, WI 54017

ACCOUNT #/NAME		JOB NAME		CUSTOMER ORDER NO.						
VL-80949 HUDSON WWTP		HUDSON WWTP WIRE		5770A-8425						
SALESPERSON		SHIPPING INFORMATION		SHIP VIA		SHIP DATE				
1300 IH		PREPAID		BEST WAY		12/17/2020				
QTY ORDERED	PRODUCT CODE	DESCRIPTION	CODE	QTY SHIPPED	PRICE	PER	DISC.	EXTENSION	C / D	
T 500	WIRE THHN6STRBLK	#6 THHN STR BLACK X 500		500	340.00	M		170.00	0.0	
T 1000	WIRE THHN6STRRED1000R	#6 THHN STR RED X 1000		1000	340.00	M		340.00	0.0	
T 500	WIRE THHN6STRRED	#6 THHN STR RED X 500		500	340.00	M		170.00	0.0	
T 1000	WIRE THHN6STRBLU1000R	#6 THHN STR BLUE X 1000		1000	340.00	M		340.00	0.0	
T 500	WIRE THHN6STRBLU	#6 THHN STR BLUE X 500		500	340.00	M		170.00	0.0	
T 500	WIRE THHN6STRWHT	#6 THHN STR WHITE X 500		500	340.00	M		170.00	0.0	
T 1000	WIRE THHN6STRBRN1000R	#6 THHN STR BROWN X 1000		1000	340.00	M		340.00	0.0	
T 1000	WIRE THHN6STRORG1000R	#6 THHN STR ORANGE X 1000		1000	340.00	M		340.00	0.0	
T 1000	WIRE THHN6STRYEL1000R	#6 THHN STR YELLOW X 1000		1000	340.00	M		340.00	0.0	
T 2500	WIRE THHN6STRGRN2500R	#6 THHN STR GREEN X 2500		2500	340.00	M		850.00	0.0	
T 1000	WIRE THHN6STRGRN1000R	#6 THHN STR GREEN X 1000		1000	340.00	M		340.00	0.0	
Structure No. 1								4,917.00		
Structure No. 2								8,604.00		
Structure No. 3								1,844.00		
Structure No. 4								1,229.00		
Structure No. 5								1,844.00		
Structure No. 6								1,536.00		
Structure No. 7								922.00		
Structure No. 8								1,844.00		
Structure No. 9								2,458.00		
Structure No. 10								4,610.00		
Structure No. 11								615.00		
Structure No. 12								207.00		
Structure Total								30,730.00		
TITLE TO MERCHANDISE PASSES AT POINT OF SHIPMENT. CLAIMS FOR SHORT OR DAMAGED MERCHANDISE SHOULD BE MADE TO CARRIER.				CODE: TO ADVISE YOU PROMPTLY CONCERNING YOUR ORDER, THIS CODE IS USED ON OUR INVOICES.				MERCHANDISE		30730.00
MERCHANDISE RETURNED WITHOUT OUR CONSENT WILL NOT BE ACCEPTED. A RESTOCKING CHARGE WILL BE MADE ON RETURNED GOODS UNLESS DEFECTIVE OR THRU ERROR ON OUR PART.				B - BACK ORDERED. WILL SHIP AS SOON AS RECEIVED UNLESS INSTRUCTED TO CANCEL.				SALES TAX		0.00000 0.00
A SERVICE CHARGE OF 1.5% PER MONTH, BUT NOT TO EXCEED THE HIGHEST AMOUNT LAWFULLY ALLOWED BY CONTRACT IN THIS STATE, WILL BE MADE ON ALL PAST DUE ACCOUNTS.				C - CANCELLED. NOT IN STOCK. UNABLE TO PURCHASE LOCALLY.				SHIPPING CHARGE		0.00
THIS SALE IS SUBJECT TO OUR TERMS LOCATED AT SALES.OUR-TERMS.COM, WHICH WE MAY CHANGE FROM TIME TO TIME WITHOUT PRIOR NOTICE.				NET PAYMENT IS DUE BY THE 15TH OF THE MONTH FOLLOWING PURCHASE				TOTAL DUE		30,730.00

Werner Electric
PO #5770A-8491
Hudson WWTP

Stored Light fixture Package

11/4/2020	S010315583.002	905.38
12/4/2020	S010342353.001	3,155.08
12/10/2020	S010315583.004	412.38
12/10/2020	S010315583.007	36,075.19
12/10/2020	S010315583.009	1,593.05
12/11/2020	S010315583.011	1,840.39
12/11/2020	S010315583.013	366.65
12/11/2020	S010315583.015	1,718.08
12/11/2020	S010315582.002	10,847.64
12/15/2020	S010315584.002	68,444.88

125,358.72 BILLED TO DATE

AS OF: 12/15/2020





WERNER ELECTRIC
 7450 95TH ST S
 COTTAGE GROVE MN 55016-3949
 651-458-3701 Fax 651-768-5204

www.wernermn.com

BILL TO:

SIMON ELECTRIC CONSTR CO INC
 345 ST CROIX AVE
 NEW RICHMOND WI 54017

INVOICE

INVOICE DATE		OUR INVOICE NUMBER	
12/15/20		S010315584.002	
Bill To#	Ship To#	Price Br	Ship Br
32477	94215	2042	20
PLEASE REMIT PAYMENT TO:			DUE DATE
Werner Electric Bin 88502 Milwaukee, WI 53288-8502			01/15/21
TO VIEW AND PAY ONLINE GO TO:		ENROLLMENT TOKEN	
wernermn.billtrust.com		TWW PRT ZPZ	

SHIP TO:

SIMON ELECTRIC HUDSON WWTP
 329 FRONT STREET
 YOUR PO# 5770A-8491
 HUDSON WI 54016

YOUR PO/ORDER #		ORDERED BY	JOB/RELEASE #	YOUR ACCOUNT MANAGER	
5770A-8491			LUMENCIA	Bob Matthew COGR 5830	
ORDER WRITER		SHIP VIA	TERMS	ORDER DATE	SHIP DATE
Chris Deno RST 5015		DIRECT	NET 30 DAYS	06/26/20	12/15/20
ORDER QTY	SHIP QTY	DESCRIPTION		Unit Price/UM	Extension
1	1	LOT: ENVY/LUMNCIA 1 - TYPE EX1: XPEH-1-R-DT-2-0-W 9 - TYPE ECX: XPEH-1-R-DT-2-2-W 13 - TYPE EMX: EXPEL-U-2-0-M		68444.880/E	68444.88

Entered

Questions?
 Please email arsupport@wernerelec.com and
 we will get you an answer!

Invoice is due by 01/15/21.

Invoice Questions?
 Call Chris Deno at
 651-458-3701

Subtotal	\$68,444.88
Freight	\$0.00
Handling	\$0.00
Sales Tax	\$0.00
Amount Due	\$68,444.88

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The Terms and Conditions at the listed web page are subject to change from time to time. A hard copy or email or fax copy of the Terms and Conditions is available upon request.

Past due invoices are subject to 1.5% late payment fee.



WERNER ELECTRIC
 7450 95TH ST S
 COTTAGE GROVE MN 55016-3949
 651-458-3701 Fax 651-768-5204

www.wernermn.com

BILL TO:

SIMON ELECTRIC CONSTR CO INC
 345 ST CROIX AVE
 NEW RICHMOND WI 54017

SHIP TO:

SIMON ELECTRIC HUDSON WWTP
 329 FRONT STREET
 YOUR PO# 5770A-8491
 HUDSON WI 54016

INVOICE

INVOICE DATE		OUR INVOICE NUMBER	
12/14/20		S010315582.002	
Bill To#	Ship To#	Price Br	Ship Br
32477	94215	2042	20
PLEASE REMIT PAYMENT TO			DUE DATE
Werner Electric Bin 88502 Milwaukee, WI 53288-8502			01/14/21
TO VIEW AND PAY ONLINE GO TO		ENROLLMENT TOKEN	
wernermn.billtrust.com		TWV PRT ZPZ	

YOUR PO/ORDER #		ORDERED BY	JOB/RELEASE #	YOUR ACCOUNT MANAGER		
5770A-8491			LDPI	Bob Matthew COGR 5830		
ORDER WRITER		SHIP VIA	TERMS	ORDER DATE	SHIP DATE	
Chris Deno RST 5015		DIRECT	NET 30 DAYS	06/26/20	12/14/20	
ORDER QTY	SHIP QTY	DESCRIPTION			Unit Price/UM	Extension
1	1	LOT: LDPI 21 - TYPE X1: LEHL1-L1-V1-4-V130-G-P 3 - TYPE X2: LEHS-L1-V1-4-V110-D 5 - TYPE X3: LEXS-L1-V1-5-V110-D			10847.640/E	10847.64



Questions?

Please email at support@werner-elect.com and we will get you an answer!

Invoice is due by 01/14/21.

Invoice Questions?
 Call Chris Deno at
 651-458-3701

Subtotal	\$10,847.64
Freight	\$0.00
Handling	\$0.00
Sales Tax	\$0.00
Amount Due	\$10,847.64

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WERNER ELECTRIC
 7450 95TH ST S
 COTTAGE GROVE MN 55016-3949
 651-458-3701 Fax 651-768-5204

www.wernermn.com

BILL TO:

SIMON ELECTRIC CONSTR CO INC
 345 ST CROIX AVE
 NEW RICHMOND WI 54017

INVOICE

INVOICE DATE		OUR INVOICE NUMBER	
12/11/20		S010315583.015	
Bill To#	Ship To#	Price Br	Ship Br
32477	94215	2042	20
PLEASE REMIT PAYMENT TO:			DUE DATE
Werner Electric Bin 88502 Milwaukee, WI 53288-8502			01/11/21
TO VIEW AND PAY ONLINE GO TO:		ENROLLMENT TOKEN	
wernermn.billtrust.com		TWV PRT ZPZ	

SHIP TO:

SIMON ELECTRIC HUDSON WWTP
 329 FRONT STREET
 YOUR PO# 5770A-8491
 HUDSON WI 54016

YOUR PO/ORDER #		ORDERED BY	JOB/RELEASE #	YOUR ACCOUNT MANAGER		
5770A-8491			LITHONIA	Bob Matthew COGR 5830		
ORDER WRITER		SHIP VIA	TERMS	ORDER DATE	SHIP DATE	
Chris Deno RST 5015		DIRECT	NET 30 DAYS	06/26/20	12/11/20	
ORDER QTY	SHIP QTY	DESCRIPTION			Unit Price/UM	Extension
1	1	LOT: LITHONIA 6 - TYPE A1E: 2GTL 4 40L FWA12125 EZ1 E10WLCP LP840. PAF			1718.080/E	1718.08

Ordered

Questions?

Please email arsupport@wernerelec.com and we will get you an answer!

Invoice is due by 01/11/21.

Invoice Questions?
 Call Chris Deno at
 651-458-3701

Subtotal	\$1,718.08
Freight	\$0.00
Handling	\$0.00
Sales Tax	\$0.00
Amount Due	\$1,718.08

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WERNER ELECTRIC
 7450 95TH ST S
 COTTAGE GROVE MN 55016-3949
 651-458-3701 Fax 651-768-5204

www.wernermn.com

BILL TO:

SIMON ELECTRIC CONSTR CO INC
 345 ST CROIX AVE
 NEW RICHMOND WI 54017

INVOICE

INVOICE DATE		OUR INVOICE NUMBER	
12/11/20		S010315583.013	
Bill To#	Ship To#	Price Br	Ship Br
32477	94215	2042	20
PLEASE REMIT PAYMENT TO:			DUE DATE
Werner Electric Bin 88502 Milwaukee, WI 53288-8502			01/11/21
TO VIEW AND PAY ONLINE GO TO:		ENROLLMENT TOKEN	
wernermn.billtrust.com		TWW PRT ZPZ	

SHIP TO:

SIMON ELECTRIC HUDSON WWTP
 329 FRONT STREET
 YOUR PO# 5770A-8491
 HUDSON WI 54016

YOUR PO/ORDER #		ORDERED BY	JOB/RELEASE #	YOUR ACCOUNT MANAGER	
5770A-8491			LITHONIA	Bob Matthew COGR 5830	
ORDER WRITER		SHIP VIA	TERMS	ORDER DATE	SHIP DATE
Chris Deno RST 5015		DIRECT	NET 30 DAYS	06/26/20	12/11/20
ORDER QTY	SHIP QTY	DESCRIPTION		Unit Price/UM	Extension
1	1	LOT: LITHONIA 12 - TYPE EC1: ECR LED M6		366.350/E	366.35

Entered

Questions?
 Please email arsupport@wernerelectric.com and
 we will get you an answer!

Invoice is due by 01/11/21.

Invoice Questions?
 Call Chris Deno at
 651-458-3701

Subtotal	\$366.35
Freight	\$0.00
Handling	\$0.00
Sales Tax	\$0.00
Amount Due	\$366.35

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WERNER ELECTRIC
 7450 95TH ST S
 COTTAGE GROVE MN 55016-3949
 651-458-3701 Fax 651-768-5204

www.wernermn.com

BILL TO:

SIMON ELECTRIC CONSTR CO INC
 345 ST CROIX AVE
 NEW RICHMOND WI 54017

INVOICE

INVOICE DATE		OUR INVOICE NUMBER	
12/11/20		S010315583.011	
Bill To#	Ship To#	Price Br	Ship Br
32477	94215	2042	20
PLEASE REMIT PAYMENT TO			DUE DATE
Werner Electric Bln 88502 Milwaukee, WI 53288-8502			01/11/21
TO VIEW AND PAY ONLINE GO TO		ENROLLMENT TOKEN	
wernermn.billtrust.com		TWV PRT ZPZ	

SHIP TO:

SIMON ELECTRIC HUDSON WWTP
 329 FRONT STREET
 YOUR PO# 5770A-8491
 HUDSON WI 54016

YOUR PO/ORDER #		ORDERED BY	JOB/RELEASE #	YOUR ACCOUNT MANAGER	
5770A-8491			LITHONIA	Bob Matthew COGR 5830	
ORDER WRITER		SHIP VIA	TERMS	ORDER DATE	SHIP DATE
Chris Deno RST 5015		DIRECT	NET 30 DAYS	06/26/20	12/11/20
ORDER QTY	SHIP QTY	DESCRIPTION		Unit Price/UM	Extension
1	1	LOT: LITHONIA 19 - TYPE A1: 2GTL 4 30L FW A12125 EZ1 LP840 PAF		1840.390/E	1840.39

Entered

Questions?

Please email arsupport@wernerelec.com and we will get you an answer!

Invoice is due by 01/11/21.

Invoice Questions?
 Call Chris Deno at
 651-458-3701

Subtotal	\$1,840.39
Freight	\$0.00
Handling	\$0.00
Sales Tax	\$0.00
Amount Due	\$1,840.39

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WERNER ELECTRIC
 7450 95TH ST S
 COTTAGE GROVE MN 55016-3949
 651-458-3701 Fax 651-768-5204

www.wernermin.com

INVOICE

INVOICE DATE		OUR INVOICE NUMBER	
12/10/20		S010315583.004	
Bill To#	Ship To#	Price Br	Ship Br
32477	94215	2042	20
PLEASE REMIT PAYMENT TO:			DUE DATE
Werner Electric Bin 88502 Milwaukee, WI 53288-8502			01/10/21
TO VIEW AND PAY ONLINE GO TO:		ENROLLMENT TOKEN	
wernermin.billtrust.com		TWV PRT ZPZ	

BILL TO:

SIMON ELECTRIC CONSTR CO INC
 345 ST CROIX AVE
 NEW RICHMOND WI 54017

SHIP TO:

SIMON ELECTRIC HUDSON WWTP
 329 FRONT STREET
 YOUR PO# 5770A-8491
 HUDSON WI 54016

YOUR PO/ORDER #		ORDERED BY	JOB/RELEASE #	YOUR ACCOUNT MANAGER		
5770A-8491			LITHONIA	Bob Matthew COGR 5830		
ORDER WRITER		SHIP VIA	TERMS	ORDER DATE	SHIP DATE	
Chris Deno RST 5015		DIRECT	NET 30 DAYS	06/26/20	12/10/20	
ORDER QTY	SHIP QTY	DESCRIPTION			Unit Price/UM	Extension
1	1	LOT: LITHONIA 1 - TYPE B1: FMVTSL 36IN MVOLT 30K 90CRI BN M2 2 - TYPE D1: FMVTSL 36IN MVOLT 30K 90CRI BN M2			412.380/E	412.38

Entered

Questions?

Please email azsupport@werner-elect.com and we will get you an answer!

Invoice is due by 01/10/21.

Invoice Questions?
 Call Chris Deno at
 651-458-3701

Subtotal	\$412.38
Freight	\$0.00
Handling	\$0.00
Sales Tax	\$0.00
Amount Due	\$412.38

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WERNER ELECTRIC
 7450 95TH ST S
 COTTAGE GROVE MN 55016-3949
 651-458-3701 Fax 651-768-5204

www.wernermn.com

BILL TO:

SIMON ELECTRIC CONSTR CO INC
 345 ST CROIX AVE
 NEW RICHMOND WI 54017

SHIP TO:

SIMON ELECTRIC HUDSON WWTP
 329 FRONT STREET
 YOUR PO# 5770A-8491
 HUDSON WI 54016

INVOICE

INVOICE DATE		OUR INVOICE NUMBER	
12/10/20		S010315583.007	
Bill To#	Ship To#	Price Br	Ship Br
32477	94215	2042	20
PLEASE REMIT PAYMENT TO:			DUE DATE
Werner Electric Bin 88502 Milwaukee, WI 53288-8502			01/10/21
TO VIEW AND PAY ONLINE GO TO:		ENROLLMENT TOKEN	
wernermn.billtrust.com		TWV PRT ZPZ	

YOUR PO/ORDER #		ORDERED BY	JOB/RELEASE #	YOUR ACCOUNT MANAGER		
5770A-8491			LITHONIA	Bob Matthew COGR 5830		
ORDER WRITER		SHIP VIA	TERMS	ORDER DATE	SHIP DATE	
Chris Deno RST 5015		DIRECT	NET 30 DAYS	06/26/20	12/10/20	
ORDER QTY	SHIP QTY	DESCRIPTION			Unit Price/U/M	Extension
1	1	LOT: LITHONIA 7 - TYPE C1: EVO6 35/15 MD MVOLT GZ1 HSG 7 - TYPE C1: EVO6 AR LSS TRIM U 1 - TYPE EX: LZ S 1 R EL N SD 40 - TYPE EM1: EU2C M6 18 - TYPE EW1: ERE GY T WP SQ M12 21 - TYPE P1: RADPT LED P5 40K SYM MVOLT RADPT20 DNAXD 37 - TYPE S1: ZL1D L48 3000LM FST MVOLT 40K 80CRI WH 14 - TYPE S1: HC36 M12 9 - TYPE S2: ZL1D L48 5000LM FST MVOLT 40K 80CRI WH 8 - TYPE S2: HC36 M12 47 - TYPE V1: FEM L48 4000LM IMAFL MD MVOLT GZ10 40K 80CRI 5 - TYPE V1: FEMDPMB 17 - TYPE V1: MHCH36 1 - TYPE V1E: FEM L48 4000LM IMAFL MD MVOLT GZ10 40K 80CRI e10wmc 25 - TYPE W1: DSXW1 LED 20C 350 40K TFTM MVOLT DNAXD			36075.190/E	36075.19

Entered

Invoice is due by 01/10/21.

Invoice Questions?
 Call Chris Deno at
 651-458-3701

Subtotal	\$36,075.19
Freight	\$0.00
Handling	\$0.00
Sales Tax	\$0.00
Amount Due	\$36,075.19

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WERNER ELECTRIC
 7450 95TH ST S
 COTTAGE GROVE MN 55016-3949
 651-458-3701 Fax 651-768-5204

www.wernermin.com

BILL TO:

SIMON ELECTRIC CONSTR CO INC
 345 ST CROIX AVE
 NEW RICHMOND WI 54017

INVOICE

INVOICE DATE		OUR INVOICE NUMBER	
12/10/20		S010315583.009	
Bill To#	Ship To#	Price Br	Ship Br
32477	94215	2042	20
PLEASE REMIT PAYMENT TO:			DUJE DATE
Werner Electric Bin 88502 Milwaukee, WI 53288-8502			01/10/21
TO VIEW AND PAY ONLINE GO TO:		ENROLLMENT TOKEN	
wernermin.billtrust.com		TWV PRT 2PZ	

SHIP TO:

SIMON ELECTRIC HUDSON WWTP
 329 FRONT STREET
 YOUR PO# 5770A-8491
 HUDSON WI 54016

YOUR PO/ORDER #		ORDERED BY	JOB/RELEASE #	YOUR ACCOUNT MANAGER		
5770A-8491			LITHONIA	Bob Matthew COGR 5830		
ORDER WRITER		SHIP VIA	TERMS	ORDER DATE	SHIP DATE	
Chris Deno RST 5015		DIRECT	NET 30 DAYS	06/26/20	12/10/20	
ORDER QTY	SHIP QTY	DESCRIPTION			Unit Price/U/M	Extension
1	1	LOT: LITHONIA 4 - TYPE P1: AB18-0 4 - TYPE P1: ABTEMPLATE PJ50041 10 - TYPE S3: TZL1D L96 14000LM FST MVOLT 40K 80CRI WH			1593.050/E	1593.05

Entered

Questions?

Please email arsupport@wernerotec.com and we will get you an answer!

Invoice is due by 01/10/21.

Invoice Questions?
 Call Chris Deno at
 651-458-3701

Subtotal	\$1,593.05
Freight	\$0.00
Handling	\$0.00
Sales Tax	\$0.00
Amount Due	\$1,593.05

This Invoice is subject to Werner Electric Ventures L.L.C.'s standard Terms and Conditions as set forth on www.wernermin.com/terms/ as of the date hereof ("Terms and Conditions"). The Terms and Conditions contain important contractual terms, including but not limited to, shipping and handling fees, claims for shortage or errors, returns, restocking fees, late payment charges, warranties, and other important provisions that form a part of the contract that you have with Werner Electric Ventures L.L.C. evidenced by this Invoice.

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WERNER ELECTRIC
 7450 95TH ST S
 COTTAGE GROVE MN 55016-3949
 651-458-3701 Fax 651-768-5204

www.wernerminn.com

BILL TO:

SIMON ELECTRIC CONSTR CO INC
 345 ST CROIX AVE
 NEW RICHMOND WI 54017

INVOICE

INVOICE DATE		OUR INVOICE NUMBER	
12/04/20		S010342353.001	
Bill To#	Ship To#	Price Br	Ship Br
32477	94215	2042	20
PLEASE REMIT PAYMENT TO:			DUE DATE
Werner Electric PO Box 856890 Minneapolis, MN 55485-6890			01/04/21
TO VIEW AND PAY ONLINE GO TO:		ENROLLMENT TOKEN	
wernerminn.billtrust.com		TWV PRT ZPZ	

SHIP TO:

SIMON ELECTRIC HUDSON WWTP
 329 FRONT STREET
 YOUR PO# 5770A-8491
 HUDSON WI 54016

YOUR PO/ORDER #		ORDERED BY	JOB/RELEASE #	YOUR ACCOUNT MANAGER		
5770A-8491		ART	STOCK	Bob Matthew COGR 5830		
ORDER WRITER		SHIP VIA	TERMS	ORDER DATE	SHIP DATE	
Chris Deno RST 5015		20 CITY EAST	NET 30 DAYS	08/14/20	12/04/20	
ORDER QTY	SHIP QTY	DESCRIPTION			Unit Price/UM	Extension
8	8	EDW 868STRR-N5 ADAPTABEACON OUTDOOR SURFACE MOUNT ELECTRONIC HORN AND STROBE 120V TYPE : CGD			210.301/E	1682.41
3	3	TORK 2001 120V 2000W SPST CONDUIT MOUNTING WITH SWIVEL TYPE : PC			30.682/E	92.05
5	5	LEV OSC20-M0W WH OCC SENS CEILING LV MULTITECH 24VDC TYPE : OC			220.965/E	1104.83
5	5	LEV OPP20-D1 GY POWERPACK AUTO ON LATCHING 24VDC TYPE : PP			55.158/E	275.79

Entered

Questions?
 Please email csupport@wernerelec.com and we will get you an answer!

Invoice is due by 01/04/21.

Invoice Questions?
 Call Chris Deno at
 651-458-3701

Dec 4, 2020 9:18:02 AM M000331126

Next To Job Trailer. S010342353.001

Subtotal	\$3,155.08
Freight	\$0.00
Handling	\$0.00
Sales Tax	\$0.00
Amount Due	\$3,155.08

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Confirmation of Delivery



WERNER ELECTRIC
 7450 95TH ST S
 COTTAGE GROVE MN 55016-3949
 651 458-3701 Fax 651-768-5204

www.wernermn.com

INVOICE

INVOICE DATE		OUR INVOICE NUMBER	
11/04/20		S010315583.002	
Bill To#	Ship To#	Price Br	Ship Br
32477	94215	2042	20
PLEASE REMIT PAYMENT TO:			DUE DATE
Werner Electric PO Box 856890 Minneapolis, MN 55485-6890			12/04/20
TO VIEW AND PAY ONLINE GO TO:		ENROLLMENT TOKEN	
wernermn.billtrust.com		TWV PRT ZPZ	

BILL TO:

SIMON ELECTRIC CONSTR CO INC
 345 ST CROIX AVE
 NEW RICHMOND WI 54017

SHIP TO:

SIMON ELECTRIC HUDSON WWTP
 329 FRONT STREET
 YOUR PO# 5770A-8491
 HUDSON WI 54016

YOUR PO/ORDER #		ORDERED BY	JOB/RELEASE #	YOUR ACCOUNT MANAGER		
5770A-8491			LITHONIA	Bob Matthew COGR 5830		
ORDER WRITER		SHIP VIA	TERMS		ORDER DATE	
Chris Deno RST 5015		DIRECT	NET 30 DAYS		06/26/20	
ORDER QTY	SHIP QTY	DESCRIPTION			Unit Price/U/M	Extension
1	1	LOT: LITHONIA 1 - TYPE E1: LQM S W 3 R 120/277 EL N SD M6			905.380/E	905.38

11/10/2020

*Paid
V# WERNER-111020
ON-LINE*

Entered

Invoice is due by 12/04/20.

Invoice Questions?
 Call Chris Deno at
 651-458-3701

Subtotal	\$905.38
Freight	\$0.00
Handling	\$0.00
Sales Tax	\$0.00
Amount Due	\$905.38

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IA Document G732 - 2009

Application and Certificate for Payment, Construction Manager as Adviser Edition

Owner: Magney Construction 1401 Park Road Chanhassen, MN 55317	PROJECT City of Hudson Wastewater Treatment Plant 2020 Improvements Hudson WI 54018	APPLICATION NO: 1 PERIOD TO: 12/31/20 CONTRACT DATE: 06/16/20 PROJECT NOS: PO #:	DISTRIBUTION TO: OWNER CONSTRUCTION MANAGER ARCHITECT CONTRACTOR FIELD OTHER
Contractor: Huffcutt Concrete LLC 4154 123rd St, Chippewa Falls WI	VIA CONSTRUCTION MANAGER VIA ARCHITECT Short Elliott Henrickson, Inc.		
Contractor: Precast Structural Concrete			

CONTRACTOR'S APPLICATION FOR PAYMENT

This application is made for Payment, as shown below, in connection with the Contract. This Document G703tm, Continuation Sheet, is attached.

ORIGINAL CONTRACT SUM	\$	264,402.00
NET CHANGES IN THE WORK	\$	0.00
CONTRACT SUM TO DATE (Line 1 + 2)	\$	264,402.00
TOTAL COMPLETED & STORED TO DATE (Item D Totals)	\$	20,200.00
RETAINAGE (Item F Totals)	\$	0.00
TOTAL EARNED LESS RETAINAGE (Line 4 minus Line 5 total)	\$	20,200.00
LESS PREVIOUS TOTAL PAYMENTS (Item G Totals)	\$	0.00
CURRENT PAYMENT DUE (Item H Totals)	\$	20,200.00
BALANCE TO FINISH, INCLUDING RETAINAGE	\$	244,202.00

The undersigned Contractor certifies that to the best of the Contractor's knowledge, and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, paid by the Contractor for Work for which previous Certificates of Payment were issued and payments received from the Owner and that current payment shown herein is now due:

CONTRACTOR: **HUFFCUTT CONCRETE LLC**
 By: Dave Vogel DATE: 12/11/20
 State of Wisconsin
 County of Chippewa

Subscribed and sworn to before me this day of

Notary Public:
My Commission expires:

CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on evaluations of the Work and the data comprising this application, the Construction Manager and Architect certify to the Owner that to the best of their knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment in the AMOUNT CERTIFIED:

AMOUNT CERTIFIED:

Attached explanation (if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

OWNER

By: _____ Date: _____

ARCHITECT: (Note: If multiple Prime Contractors are responsible for performing portions of the Project, Architect's Certification is not required.)

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this contract.

SUMMARY OF CHANGES IN THE WORK	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$ -	\$ -
Total approved this month including Construction Change Dir	\$ -	\$ -
TOTALS	\$ -	\$ -
NET CHANGES IN THE WORK	\$ -	\$ -

IA Document G703 - 1992 Continuation Sheet

IA Document, G702TM - 1992, Application and Certification for Payment, or G736TM-2009
 Project Application and Project Certificate for Payment, Construction Manager as Adviser Edition,
 containing Contractor's signed certification is attached.
 Tabulations below, amounts are in US dollars.
 See Column I on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER: 1
 APPLICATION DATE: 12/11/20
 PERIOD TO: 12/31/20
 PROJECT #:
 PO#:

A	B	C	D	E	F	G	H	I	J	K
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	CHANGE ORDERS TO DATE	CONTRACT REVISED CONTRACT SUM	FROM PREVIOUS APPLICATIONS	THIS PERIOD	TOTAL COMPLETED & STORED TO DATE	% COMP. (D/C)	BALANCE TO FINISH (C-D)	RETAINAGE (IF VARIABLE RATE)
3-41-00	Precast Structural Concrete - Material	185,081.40	=	185,081.40	=	20,200.00	20,200.00	10.91%	164,881.40	
3-41-00	Precast Structural Concrete - Labor	79,320.60	=	79,320.60	=				79,320.60	
GRAND TOTAL		264,402.00		264,402.00		20,200.00	20,200.00	7.64%	244,202.00	

HUDSON PUBLIC WATER UTILITY - PROJECT STATUS REPORT

PENDING:

<u>PROJECT NAME</u>	<u>LOCATION</u>	<u>ACTION DATES</u>	<u>STATUS</u>	<u>% COMPLETED</u>
State Hwy 35 Sanitary Sewer and Water Main Improvements	Front St. to Lake Mallilieu	8/14/18	Approved design phase LOE with SEH	90%
		11/10/2020	Approved construction services LOE with SEH	
Wastewater Treatment Plant	WWTP	5/26/2020	Approved bid from Magney Construction, Inc.	50% Construction
		7/14/2020	Approved Magney Construction, Inc PR #1	
		8/11/2020	Approved Magney Construction, Inc PR #2	
		9/8/2020	Approved Magney Construction, Inc PR #3	
		10/13/2020	Approved Magney Construction, Inc PR #4	
		11/10/2020	Approved Magney Construction, Inc PR #5	
		12/8/2020	Approved Magney Construction, Inc PR #6	
Lake Mallalieu Dam Re-hab		8/25/2020	Approved bid from Pember Companies, Inc.	50%
		12/8/2020	Approved from Pember Companies, Inc PR #1	



Building a Better World
for All of Us®

MEMORANDUM

TO: Kip Peters

FROM: Caleb Weber and John Friel

DATE: December 31, 2020

RE: Hudson WWTP Construction Summary - December 2020
SEH No. HUDSO 149714 14.00

The following is brief summary of the construction work completed by the General Contractor, Magney Construction and their subcontractors as part of the Hudson Wastewater Treatment Plant 2020 Improvements project. The purpose of this monthly construction summary is to provide an update of major construction work. The attached photographs summarize the progress to date.

1. NEW PRETREATMENT BUILDING – Continued construction of concrete wet well tank and pump room walls and vortex grit tank slab and walls.
2. GARAGE – Waste vent piping and HVAC ductwork completed.
3. UV DISINFECTION – Storage shed block walls were constructed. Wastewater channel walls continued construction.
4. SLUDGE CONDITIONING BUILDING – Miscellaneous block construction including new explosion proof window block-in.

chw
Progress Photographs

\\sp3020-1.cst.sehinc.com\projects\fh\hudson\149714\7-const-svcs\71-mgmt\30-insp-note\50-monthly progress summaries\12 december 2020 construction summary.docx

Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 3535 Vadnais Center Drive, St. Paul, MN 55110-3507
SEH is 100% employee-owned | **sehinc.com** | 651.490.2000 | 800.325.2055 | 888.908.8166 fax



Photograph 1 – Pretreatment Building concrete base slab and walls were poured.



Photograph 2 – Garage vent piping and ductwork completed.



Photograph 3 – UV storage shed block walls were constructed. Channel concrete floor constructed.



Photograph 4 – Upstairs window blocked-in for new explosion proof window.



HUDSON PUBLIC UTILITIES ISSUE SHEET

DATE: January 12, 2021
SUBMITTED TO: PUC
SUBMITTED BY: Utility Director Peters
REGARDING: Upcoming agenda items for information only

ISSUE: I wanted to inform the PUC of a few upcoming agenda items I am currently working on. This is for informational purposes only.

1. Evaluate options with PSC (Public Service Commission) and DNR (Department of Natural Resources) on moving forward with North Hudson becoming their own utility by 2022 or sooner. No communication has been received since “Notice of Termination of 1983 Water Agreement” letter was sent to the Village on September 29, 2020.
2. Cancellation/termination of the existing 1979 Wastewater Agreement with a 1991 amendment with North Hudson.
 - a. The 1983 Water Agreement with North Hudson was noticed and terminated on January 1, 2021. Since the 1979 Wastewater Agreement is also outdated and vague, naturally this agreement should follow suit.
3. Cancellation/termination of the existing 1979 Interceptor Agreement with North Hudson.
 - a. The 1983 Water Agreement with North Hudson was noticed and terminated on January 1, 2021. Since the 1979 Interceptor Agreement is also outdated and vague, naturally this agreement should follow suit.
4. Establishing a sewer rate/surcharge for the Village of North Hudson to recover outstanding and future expenses related to major repairs incurred at the Riverside Dr. lift station.

APS ACCOUNTS PAYABLE
12/16/2020 13:18:42

Schedule of Bills by Fund

CITY OF HUDSON
GL050S-V08.14 COVERPAGE
GL540R

Report Selection:

RUN GROUP... 1216W COMMENT... PAYABLES

DATA-JE-ID DATA COMMENT

W-12162020-809 PAYABLES

Run Instructions:

Jobq	Banner	Copies	Form	Printer	Hold	Space	LPI	Lines	CPI	CP	SP	RT
3		01	1		N	S	8	068	10			

Schedule of Bills by Fund
BY FUND FOR (A/P)

VENDOR NAME DESCRIPTION	AMOUNT	ACCOUNT NAME	FUND & ACCOUNT	CLAIM	INVOICE	PO#	F/P	ID	LINE
WATER	*****								
QUADIENT MONTHLY LEASE	30.38	MAINTENANCE AGMT & LEASE	600.45.57580.298	379155	58061385		P	809	00001
VILLAGE OF NORTH HUDSON MAINTENACE OF MAINS	123,522.32	N H MAINTENANCE OF MAINS	600.45.57590.595	379154	12/9/2020		P	809	00003
XCEL ENERGY									
16762 KWH WELL# 8	3,057.09	UTILITIES-ELECTRIC	600.45.57520.222	379153	711584671		P	809	00004
54 KWH FILLMORE VAULT	23.53	UTILITIES-ELECTRIC	600.45.57520.222	379153	711584671		P	809	00005
10920 KWH WELL#3	1,585.64	UTILITIES-ELECTRIC	600.45.57520.222	379153	711584671		P	809	00006
14240 KWH WELL#4	2,117.37	UTILITIES-ELECTRIC	600.45.57520.222	379153	711584671		P	809	00007
7240 KWH WELL #5	802.43	UTILITIES-ELECTRIC	600.45.57520.222	379153	711584671		P	809	00008
13040 KWH WELL #6	2,071.21	UTILITIES-ELECTRIC	600.45.57520.222	379153	711584671		P	809	00009
5351 KWH WELL # 7	977.94	UTILITIES-ELECTRIC	600.45.57520.222	379153	711584671		P	809	00010
18480 KWH WELL #10	2,161.72	UTILITIES-ELECTRIC	600.45.57520.222	379153	711584671		P	809	00011
186 KWH HANLEY RD	38.20	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00012
443 KWH COULEE VAULT	66.80	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00013
4240 KWH NH BOOSTER	672.01	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00014
56 THM NH BOOSTER	63.05	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00015
280 THM KWH WELL #3	173.71	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00016
248 THM WELL #4	142.26	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00017
206 THM WELL #5	154.28	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00018
224 THM WELL #6	152.17	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00019
162 THM WELL #7	127.52	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00020
735 KWH CARMICHAEL RD	101.61	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00021
273 KWH DEER PATH	47.88	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00022
71 THM O'NEAL TOWER	71.79	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00023
348 THM WELL #8	219.47	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00024
1560 KWH 910 WI STREET	190.31	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00025
357 THM WELL # 10	226.06	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00026
296 KWH 110 3RD STREET	53.14	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00027
184 KWH WAREHOUSE	37.98	OPERATING SUPPLIES	600.45.57520.349	379153	711584671		P	809	00028
	15,335.17	*VENDOR TOTAL							
WATER	138,887.87	*****							

Schedule of Bills by Fund
 BY FUND FOR (A/P)

VENDOR NAME DESCRIPTION	AMOUNT	ACCOUNT NAME	FUND & ACCOUNT	CLAIM	INVOICE	PO#	F/P	ID	LINE
SEWER	*****								
QUADIENT MONTHLY LEASE	30.38	MAINTENANCE AGMT & LEASE	610.47.57340.298	379155	58061385		P	809	00002
XCEL ENERGY BELLA ROSE LIFT STATION	161.27	UTILITIES-ELECTRIC	610.47.57321.222	379152	711665398		P	809	00029
SEWER	191.65	*****							

Schedule of Bills by Fund
BY FUND FOR (A/P)

VENDOR NAME DESCRIPTION	AMOUNT	ACCOUNT NAME	FUND & ACCOUNT	CLAIM	INVOICE	PO#	F/P	ID	LINE
REPORT TOTALS:	139,079.52								

RECORDS PRINTED - 000029

Schedule of Bills by Fund

FUND RECAP:

FUND	DESCRIPTION	DISBURSEMENTS
600	WATER	138,887.87
610	SEWER	191.65
TOTAL ALL FUNDS		139,079.52

BANK RECAP:

BANK	NAME	DISBURSEMENTS
1NAT	FIRST NATIONAL - GENERAL AC	139,079.52
TOTAL ALL BANKS		139,079.52

THE PRECEDING LIST OF BILLS PAYABLE WAS REVIEWED AND APPROVED FOR PAYMENT.

DATE APPROVED BY
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APS ACCOUNTS PAYABLE
12/23/2020 13:57:55

Schedule of Bills by Fund

CITY OF HUDSON
GL050S-V08.15 COVERPAGE
GL540R

Report Selection:

RUN GROUP... 1222W COMMENT... PAYABLES

DATA-JE-ID DATA COMMENT

W-12232020-829 PAYABLES

Run Instructions:

Jobq	Banner	Copies	Form	Printer	Hold	Space	LPI	Lines	CPI	CP	SP	RT
3		01	1		Y	S	8	068	10			

Schedule of Bills by Fund
 BY FUND FOR (A/P)

VENDOR NAME DESCRIPTION	AMOUNT	ACCOUNT NAME	FUND & ACCOUNT	CLAIM	INVOICE	PO#	F/P	ID	LINE
WATER	*****								
MARCO MARCO MONTHLY CONTRACT	111.44	MAINTENANCE AGMT & LEASE	600.45.57580.298	379236	28388124		P	829	00001
VERIZON WIRELESS NOVEMBER 10GB SHR	120.02	TELEPHONE	600.45.57551.225	379244	9868796445		P	829	00003
781-0217 ZS 11/11-12/10	48.90	TELEPHONE	600.45.57551.225	379244	9868796445		P	829	00004
781-2747 ZS11/11-12/11	40.01	TELEPHONE	600.45.57551.225	379244	9868796445		P	829	00005
716-0317 JF IPAD	40.01	OFFICE EQUIPMENT	600.45.57570.813	379244	9868796445		P	829	00006
716-0318 JB IPAD	40.01	OFFICE EQUIPMENT	600.45.57570.813	379244	9868796445		P	829	00007
381.3882-JF 11/11-12/10	49.58	TELEPHONE	600.45.57580.225	379244	9868796445		P	829	00008
381.3883-JB 11-1/12-10	49.58	TELEPHONE	600.45.57580.225	379244	9868796445		P	829	00009
381-3884 TT 11-1/12-10	49.58	TELEPHONE	600.45.57580.225	379244	9868796445		P	829	00010
381.3885-DO 11-11/12-10	49.58	TELEPHONE	600.45.57580.225	379244	9868796445		P	829	00011
3813886-FH11-10/12-10	65.04	TELEPHONE	600.45.57580.225	379244	9868796445		P	829	00012
716-6342 IPAD DS	40.01	TELEPHONE	600.45.57580.225	379244	9868796445		P	829	00013
4417179D.SMITH11/11-12/1	49.58	TELEPHONE	600.45.57580.225	379244	9868796445		P	829	00014
219-0378 K. P11/11-12/10	24.46	TELEPHONE	600.45.57580.225	379244	9868796445		P	829	00015
441-071611-12/12-10 DS	49.58	TELEPHONE	600.45.57580.225	379244	9868796445		P	829	00016
716-6228 IPAD - KP	20.00	TELEPHONE	600.45.57580.225	379244	9868796445		P	829	00017
MACHINE-MACHINE	40.01	TELEPHONE	600.45.57580.225	379244	9868796445		P	829	00018
781-8833 JT11/11-12/11	48.90	TELEPHONE	600.45.57580.225	379244	9868796445		P	829	00019
716-0419 JT IPAD	40.01	TELEPHONE	600.45.57580.225	379244	9868796445		P	829	00020
	864.86	*VENDOR TOTAL							
WATER	976.30	*****							

Schedule of Bills by Fund
BY FUND FOR (A/P)

VENDOR NAME DESCRIPTION	AMOUNT	ACCOUNT NAME	FUND & ACCOUNT	CLAIM	INVOICE	PO#	F/P	ID	LINE
SEWER	*****								
MARCO MARCO MONTHLY CONTRACT	111.44	MAINTENANCE AGMT & LEASE	610.47.57340.298	379236	28388124		P	829	00002
VERIZON WIRELESS									
377-9529 JN 11-11/12-10	49.58	TELEPHONE	610.47.57323.225	379244	9868796445		P	829	00021
381-3890 JI11-11/12-10	49.58	TELEPHONE	610.47.57323.225	379244	9868796445		P	829	00022
381-7981 WK11/11-12/11	49.58	TELEPHONE	610.47.57323.225	379244	9868796445		P	829	00023
716-6509 IPAD JN	40.01	TELEPHONE	610.47.57323.225	379244	9868796445		P	829	00024
781-6991TS11/11-12/11	48.90	TELEPHONE	610.47.57323.225	379244	9868796445		P	829	00025
690-9608 JI IPAD	40.01	TELEPHONE	610.47.57323.225	379244	9868796445		P	829	00026
781-4690 KS11/11-12/10	48.90	TELEPHONE	610.47.57323.225	379244	9868796445		P	829	00027
293-6255 JET TRUCK 1/2	40.01	TELEPHONE	610.47.57323.225	379244	9868796445		P	829	00028
219-0378 K. PETERS	24.47	TELEPHONE	610.47.57340.225	379244	9868796445		P	829	00029
716-6228 IPAD - KP	20.01	TELEPHONE	610.47.57340.225	379244	9868796445		P	829	00030
	411.05	*VENDOR TOTAL							
XCEL ENERGY									
200 N STREET - DAM	43.81	UTILITIES-ELECTRIC	610.47.57324.222	379237	711771474		P	829	00031
PROTECTIVE LIGHTING	9.45	UTILITIES-ELECTRIC	610.47.57324.222	379237	711771474		P	829	00032
	53.26	*VENDOR TOTAL							
SEWER	575.75	*****							

Schedule of Bills by Fund
BY FUND FOR (A/P)

VENDOR NAME DESCRIPTION	AMOUNT	ACCOUNT NAME	FUND & ACCOUNT	CLAIM	INVOICE	PO#	F/P	ID	LINE
REPORT TOTALS:	1,552.05								

RECORDS PRINTED - 000032

Schedule of Bills by Fund

FUND RECAP:

FUND	DESCRIPTION	DISBURSEMENTS
600	WATER	976.30
610	SEWER	575.75
TOTAL ALL FUNDS		1,552.05

BANK RECAP:

BANK	NAME	DISBURSEMENTS
1NAT	FIRST NATIONAL - GENERAL AC	1,552.05
TOTAL ALL BANKS		1,552.05

THE PRECEDING LIST OF BILLS PAYABLE WAS REVIEWED AND APPROVED FOR PAYMENT.

DATE APPROVED BY
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