

MOSINEE WATER & SEWER UTILITY 2019 PROPOSED BUDGET

Presented to Council on November 12, 2018 Revised: December 7, 2018

Approved:

MOSINEE WATER & SEWER UTILITY 2019 BUDGET SUMMARY

INCOME

WATER SALES

ACCOUNT NUMBER ACCOUNT TITLE

2019 BUDGET

46411-460-000 UNMETERED SALES

\$1,000

Income from bulk water sales through the coin operated dispenser or hydrants. Current rate is \$5.40 per 1000 gallons.

46411-461-000 METERED SALES – RESIDENTIAL \$535,000

Income from residential water sales, based on monthly meter reading. Typical residential charges are calculated based on a current service fee of \$11.65 per month for a ³/₄" meter and a volume charge of \$5.40 per 1000 gallons of water used.

46411-461-050 METERED SALES – MULTI-FAMILY \$ 35,000

Income from multi-family account water sales, based on monthly meter reading. Typical residential charges are calculated based on a current service fee of \$11.65 per month for a 3/4" meter and a volume charge of \$5.40 per 1000 gallons of water used.

46411-461-100 METERED SALES – COMMERCIAL \$165,000

Income from water sales to commercial customers such as S&S Café, Charlies Hardware, etc. Charges are calculated based on a monthly service fee and a charge per 1000 gallons of water used. As the meter size increases so does the monthly service charge. The base volume charge is the same for all meter categories. Volume charges decrease as the amount of water used increases. Price breaks are at 10,000 gals., 23,000 gals., 300,000 gallons and over 333,000 gals.

46411-461-200 METERED SALES – INDUSTRIAL \$ 175,000

Income from water sales to industrial customers such as Crystal Finishing, Wausau Papers, etc. Charges are calculated based on a monthly service fee, depending on meter size, and a charge per 1000 gallons of water used.

46411-462-000 PRIVATE FIRE PROTECTION \$ 0

This line item is for unmetered connections to the utility water mains for supplying water to private fire protection systems. Crystal finishing, Arow Global and Cequent have connections for fire protection.

46411-463-000 PUBLIC FIRE PROTECTION \$315,000

This is revenue collected to offset the costs associated with operating and maintaining the public fire protection system. Fees are billed and collected monthly based on meter size. Any residence, school, church or business that has a water meter pays this fee for fire protection. Monthly charges start at \$12.00 for a 3/4" meter and increase based on meter size.

46411-464-000 METERED SALES – PUBLIC AUTHORITY \$ 35,000

Income from water sales to the school, City owned buildings, etc. Charges are calculated based on a monthly service fee and a charge per 1000 gallons of water used.

OTHER OPERATING RECEIPTS

ACCOUNT NUMBER ACCOUNT TITLE

2019 BUDGET

46412-415-000 REVENUES FROM MERCHANDISING \$ - 0 -

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This line is for income generated from the sale of items other than water, such as promotional items.

46412-418-000 **RENTAL INCOME**

\$ 95,000

Revenue generated from the lease of space on water towers to communications companies. At this time Cellcom leases space on the Ranger St. tower and ATT on the 12th St. and CWBP towers. It is anticipated that US Cellular and possibly Sprint will also lease space on the 12th St. tower.

46412-419-000 INTEREST & DIVIDEND INCOME

\$ 500

This line is for revenues to the Utility for interest paid on funds that are in utility accounts.

46412-470-000 FORFEITED DISCOUNT

\$ 5,000

This line is for late fees collected by the Utility on past due water accounts.

46412-471-000

MISC. SERVICE REVENUES

\$ 250

This line item is for fees collected from water main tapping, fees charged for service disconnects and/or reconnects.

46412-474-000 OTHER WATER REVENUES

\$ -0-

This line is for miscellaneous revenues collected by the Utility, for example, the sale of obsolete water meters, sale of old lead pipe, etc.

SEWER REVENUES

ACCOUNT NUMBER

ACCOUNT TITLE

2019 BUDGET

45611-622-100

SALES – RESIDENTIAL

\$520,000

Income from residential sewer sales. Bills are calculated based on monthly water consumption. Typical residential charges are calculated based on a service fee of \$7.50 per month for a 3/4" meter and a volume charge of \$7.40 per 1000 gallons of water used.

45611-622-100

SALES – MULTI-FAMILY

\$ 35,000

Income from multi-family sewer sales. Bills are calculated based on monthly water consumption. Typical residential charges are calculated based on a service fee of \$7.50 per month for a ³/₄" meter and a volume charge of \$7.40 per 1000 gallons of water used.

45611-622-200 SALES – COMMERCIAL

\$165,000

Income from sewer sales to commercial customers such as S&S Café, Charlies Hardware, etc. Charges are calculated based on a monthly service fee and a charge per 1000 gallons of water used.

45611-622-300 SALES – INDUSTRIAL

\$170,000

Income from sewer sales to industrial customers such as Crystal Finishing, Wausau Papers, etc. Charges are calculated based on a monthly service fee and a charge per 1000 gallons of water used.

45611-622-400 SALES – PUBLIC AUTHORITIES

\$ 35,000

Income from sewer sales to the school, City owned buildings, etc. Charges are calculated based on a monthly service fee and a charge per 1000 gallons of water used.

45611-622-500 SALES – STANDBY CHARGES

\$ - 0 -

Standby charges are assessed to property owners who have a sewer main serving their property, but are not yet connected to the main. At this time no standby charges are being collected in the city.

45611-622-600 SERVICE TO OTHER SYSTEMS

\$ - 0 -

This item would be revenues collected from another sewer system for treatment and disposal of their sanitary sewer wastes.

45611-625-000 OTHER SEWERAGE SERVICES

\$ -0-

This item was primarily revenue collected from the disposal of holding tank and septic tank wastes discharged to the Mosinee WWTP by licensed septic haulers. Hauled in wastes are no longer accepted.

OTHER OPERATING RECEIPTS

ACCOUNT NUMBER ACCOUNT TITLE

2019 BUDGET

45612-631-000 FORFEITS

\$ 3,500

This line is for late fees collected on past due accounts.

45612-635-000

MISC. NON-OPERATING REVENUE

\$ 250

Revenue collected by the Utility for fees associated with tapping new lateral connections to existing sewer mains.

MISCELLANEOUS REVENUES

ACCOUNT NUMBER ACCOUNT TITLE

2019 BUDGET

59000-954-000

SPECIAL ASSESSMENT RECEIPTS

\$ -0-

This line is for revenues collected by the Utility for any water or sewer special assessments or connection fees.

59000-955-000 CWF SOMAT INTEREST RATE SUBSIDY \$ - 0 -

This line is for a subsidy received from the Clean Water Fund that in effect decreases the interest rate paid on a loan to the State Trust Fund for the sludge press project at the WWTP. No longer received.

59000-956-000 TRANSFER FROM TIF DISTRICT \$ 11,000

In the operation of the TIF District funds occasionally were transferred between the City and the Utility. Transfers to the Utility were recorded under this line item. This budget anticipates TID funds being used to research an alternate water supply to the Business Park.

59000-958-000 PROCEEDS FROM LONG TERM DEBT \$ - 0 -

This line is to show funds that are borrowed to pay for projects that cannot be paid for with reserve funds. Borrowed funds are shown as income for accounting purposes.

59000-959-000 TRANSFER FROM RESERVES \$ 115,000

This line is for budgeted funds to be taken from Utility reserves to pay for a project, capital purchase or equipment for which the operating budget may not have sufficient funds.

\$ - 0 -

\$ -0-

59000-959-100 SALE OF EQUIPMENT

This line is used to show income from the sale of used or obsolete equipment. For example, income from the sale of a used pickup or sewer jetter would be credited to this account.

59000-959-200 TRANSFER FROM THE MAPLE RIDGE LIFT STATION RESERVE.

This loan has been paid off.

59000-959-300 LOAN PROCEEDS – SHORT TERM DEBT \$ -0-

This line item is used to show revenue from a short term borrowing. Short term or interim financing was necessary for the Water Treatment Plant and Well Reconstruction projects, until the Safe Drinking Water Loan can be closed on.

59000-959-400 RD GRANT PROCEEDS \$ 0

Grant funds obtained from Rural Development to assist in paying for the Rib Mountain Force Main Project. Total grant amount was 1,655,000. This project is complete and all grant funds have been expended.

59000-959-500 SDWLP GRANT PROCEEDS \$ 0

Grant funds obtained from the Safe Drinking Water Loan Program to assist in paying for utility improvements.

59000-959-600 SDWLP LEAD LINE REPLACEMENT FUNDS \$ 75,000

Funds obtained from the Safe Drinking Water Loan Program to assist homeowners in paying for private lead water service line replacements. Total funds available are \$450,000. This is a reimbursement program. Property owners are reimbursed for costs associated with private lead water line replacements up to \$2500. To date approximately \$130,000 has been reimbursed.

EXPENSES

WATER UTILITY - OPERATIONS & MAINTENANCE

ACCOUNT NUMBER ACCOUNT TITLE

2019 BUDGET

57510-600-000 WAGES & SALARIES

\$ 41,000

This line is for general wages and salaries paid to utility employees for tasks associated with the water utility. PSC reporting requirements do not allow water utility labor accounts to be combined.

57510-601-000 PART TIME WAGES

\$ 1.000

Wages to pay part time help that may be employed by the utility for tasks associated with the water utility.

57510-620-000 FUEL & POWER

\$ 65,000

Natural gas and electricity used for water utility operations. Electricity used by well pump and booster pump motors, natural and LP gas used for heating and standby equipment are typical items paid from this account.

57510-630-000 CHEMICALS

\$ 135,000

This line is for chlorine, sodium hydroxide, polyphosphates, ferric chloride, potassium permanganate, carbon media and calcite or any other chemicals that may be required for water treatment. All wells have sodium hydroxide added for ph adjustment, chlorine is added for control of bacteria and polyphosphates are added to prevent the corrosion of lead and copper from the water service lines.

57510-630-100 LABOR – CHEMICALS

\$ 7,500

Wages to pay Utility employees for work pertaining to maintenance of or repairs to chemical feed equipment.

57510-633-000 WATER TESTING

\$7,500

This line item is for expenses related to potable water testing done by contracted labs. This testing is required by DNR or EPA regulations. Tests include; lead and copper, Total Trihalomethanes, Haloacetic Acids, Bromates, Volatile Organic compounds, Synthetic Organic compounds and monthly bacti tests.

57510-640-000 **SUPPLIES & EXPENSE**

\$115,000

Miscellaneous supplies or parts required in the day-to-day operations of the water utility. Typical items include; testing reagents for the water plant, marking paint and flags, shipping costs, phone bills, uniform service, nuts, bolts, pipe fittings, asphalt patches, water plant repair parts, chemical feed pump parts, etc.

57540-640-100 LABOR – DISTRIBUTION SYSTEM \$54,000

Wages to pay utility employees for repairs and/or maintenance to the water distribution system. Typical tasks include; daily rounds to well houses, exercise water main valves, clean valve boxes, operation of the water plant, collect water samples, system testing etc.

57540-640-222 CLOTHING ALLOWANCE

\$ 310

This budget line item pays for the clothing allowance for 3 Utility Dept. employees and ½ of the DPW. This expense is split between the water and sewer utility. The current allowance is \$175 per person

57540-650-000 REPAIR OF WATER PLANT

\$ 115,000

This line item is used to pay for repairs and/or maintenance to the water utility physical plant. Well rehabilitation, building repairs, new roofs or doors are some items paid from this account. In 2018 Wells 3,4 &5 were cleaned twice each. Well rehabilitation accounted for the majority of the costs associated with this account.

57540-650-100 LABOR – PUMPING EQUIPMENT

\$ 4,000

Wages for employees to perform repairs and maintenance to pumping equipment.

57540-650-200 LABOR – RESERVOIR

\$ 600

Wages for employees to perform maintenance to any of the Utility's water storage tanks. This includes the towers located in the Business Park, Ranger Street, 12th Street and the clearwell at Mosinee Ave.

57540-651-000 LABOR – MAINS

\$ 6,000

Wages for repairs and maintenance on water mains in the distribution system.

57540-652-000 LABOR – LATERAL MAINTENANCE

\$ 25,000

Wages to pay employees for work performed on water services. Typical work would include; making new taps into the mains, repairing broken service lines or replacing lead service lines.

57540-653-000 LABOR – METERS

\$ 3,000

This line item is used to pay employee wages for water meter repairs or maintenance. Because water and sewer bills are calculated based on the amount of water used, labor for meters is split between the water utility and the sewer utility.

57540-653-100 LABOR – METER READING

\$ 1,500

Wages to pay employees for reading meters. Again, this is split between the water utility and the sewer utility. Meter reading is done monthly.

57540-655-000

LABOR – HYDRANT MAINTENANCE

\$3,000

Wages to pay employees for repairs and maintenance to the Utilities fire hydrants.

57540-655-100

LABOR – HYDRANT FLUSHING

\$ 8,000

Funds to pay employees salaries for flushing hydrants. Seasonal flushing is normally done two times each year – spring and fall. Unidirectional flushing is also charged to this account. Operation of hydrants insures that they will function in the event of a fire.

57540-660-000

TRANSPORTATION EXPENSE

\$ 4,000

This line item is used to pay for fuel, repairs and maintenance to vehicles used by the water utility. Because utility vehicles are used for both water and sewer these expenses are usually split between the water and sewer utilities.

57540-667-000 LABOR – TIF DISTRICT

\$ - 0 -

This line item was used when the Utility was able to charge some labor back to the TIF district.

WATER UTILITY – GENERAL EXPENDITURES

ACCOUNT NUMBER ACCOUNT TITLE

2019 BUDGET

57390-408-100 TAXES

\$170,000

This is a tax equivalent paid to the City by the Utility. The Utility is tax exempt but does make a payment to the City based on the value of the utility's equipment and property values.

57580-680-000 ADMINISTRATION & GEN. SALARIES \$ 10,000

This line item is used to pay office staff salaries for water utility related jobs such as preparing water bills.

57580-681-000 **OFFICE SUPPLIES**

\$ 5,000

This line item is used to pay for necessary office supplies such as paper, pens, computer supplies, water bills, etc. Postage and copier expenses, which have not been charge to the utility, are now included in this account.

57580-682-000 OUTSIDE SERVICES EMPLOYED \$ 26,000

This line item is used to pay for accounting services. Leak detection services has also been moved to this account and is completed on a biannual basis (next leak survey will be 2019). We also have a contract with Hydro Designs for our commercial and industrial cross connection inspections. The current monthly contract amount is \$530. Other contracted services that the Utility requires, and are not identified elsewhere in the budget, would be paid for from this line as well, such as mapping or UDF plan updates.

57580-683-000 ENGINEERING \$ 10,000

This line is used to pay for engineering services the Utility may require throughout the year. A study of the Maple Ridge wells by Dr. Andy Jacque was previously paid from this account. Two items are currently being reviewed. A cross connection between the storm sewer and sanitary sewer in the area of 3rd & Washington and an evaluation of options for an alternative water supply to the Business Park (currently there are no wells in the park and only one line that supplies water to this area).

57580-684-000 INSURANCE EXPENSE

\$ 20,000

This line item is used to pay for the Utility's property, automotive and liability insurance.

57580-686-000 EMPLOYEE PENSION & BENEFITS \$ 43,000

This line is used to pay for the water utility's share of health, dental and vision insurance and retirement funds for the employees.

57580-688-000 REGULATORY COMMISSION

\$ 2,000

This line item is used to pay for the water utility's assessment from the Public Service Commission. These assessments are paid by all utilities to fund PSC operations.

57580-689-000 MISCELLANEOUS GENERAL EXPENSE \$ 1,000

This line item is for miscellaneous expenses, which may not fit into a previously listed category.

57580-690-000 PRIVATE LEAD LINE REPL. EXPENSE \$ 75,000

This line item is for disbursements related to private lead line replacement.

SEWER UTILITY – OPERATIONS & MAINTENANCE

2019 BUDGET

ACCOUNT NUMBER ACCOUNT TITLE

57310-820-000 WAGES & SALARIES \$ 37,000

This line is for general wages and salaries for utility employees while performing tasks associated with the sewer utility.

57310-820-100 PART TIME WAGES \$ 1,500

Wages to pay part time help that may be employed by the utility for tasks associated with the sewer utility.

57310-821-000 FUEL & POWER \$ 45,000

This line item is used to pay for natural gas and electricity used for sewer utility operations. Electricity for lift station pump motors and natural gas for heat and standby generators are typical items paid from this account.

57310-826-000 CHEMICALS \$ 15,000

Chemicals used to treat wastewater at the Edison Pump Station to prevent the formation of hydrogen sulfide gas in the force main to Rib Mountain. Hydrogen sulfide gas causes deterioration of concrete manholes and can be deadly if inhaled.

57310-827-000 SUPPLIES & EXPENSE \$ 32,000

Miscellaneous supplies or parts required in the day-to-day operations of the sewer utility. Typical items include; marking paint and flags, shipping costs, phone bills, uniform service, paper towel, nuts, bolts, lift station chemicals, asphalt patches, chemical feed pump parts, etc.

57310-828-000 TRANSPORTATION EXPENSE \$ 5,000

This line item is used to pay for fuel, repairs and maintenance to vehicles used by the sewer utility. Because utility vehicles are used for both water and sewer these expenses are usually split between the water and sewer utilities.

57320-830-000 SEWAGE COLLECTION SYSTEM \$ 66,000

This line item is used to pay for maintenance or repairs to the sanitary sewer collection system. Televising, root cutting and vacuum cleaning are typical items paid for from this account. Lining of clay mains will be paid for out of Capital Expenditures.

57320-831-000 COLLECTION SYSTEM – LABOR \$ 24,000

This budget line item is used to pay labor costs for activities associated with maintain the sanitary sewer collection system such as; sewer cleaning and lift station maintenance and repairs.

57330-841-000 LABOR – METERS \$ 4,500

This line item is used to pay employee wages for water meter repairs or maintenance. Because water and sewer bills are calculated based on the amount of water used, labor for meters is split between the water utility and the sewer utility.

57330-842-000 LABOR – METER READING \$ 1,500

Wages to pay employees for reading meters. Again, this is split between the water utility and the sewer utility. Meter reading is done monthly.

57330-843-000 RMMSD TREATMENT COSTS \$212,000

This line item is used to pay RMMSD for wastewater treatment costs. Billing is calculated based on flow, BOD and suspended solids loadings. For 2019 the City will pay: \$.685 per 1,000 gallons of flow (20%), \$.230 per pound of BOD (13%) and \$.159 per pound of suspended solids (15%). The rates for 2019 now include charges for debt payment. RMMSD bills the City monthly for treatment.

SEWER UTILITY – GENERAL EXPENDITURES

2019 BUDGET

ACCOUNT NUMBER ACCOUNT TITLE

57330-840-000 ADMINISTRATION & GEN. SALARIES \$ 8,100

This line item is used to pay office staff salaries for sewer utility related jobs such as preparing or processing bills, accounting, etc.

57340-851-000 OFFICE SUPPLIES \$ 13,500

This line item is used to pay for necessary office supplies such as paper, pens, computer supplies, etc. Postage and copier expenses, which have not been charge to the utility, are now included in this account.

57340-852-000 OUTSIDE SERVICES EMPLOYED \$ 10,000

This line item is used to pay for services or other tasks that the utility may need to contract for.

57340-853-000 INSURANCE EXPENSE \$ 28,00

This line item is used to pay for the Utility's property, automotive and liability insurance.

57340-854-000 EMPLOYEE BENEFITS \$ 60,000

This line is used to pay for sewer utility employee's share of health, dental and vision insurance and retirement funds.

57340-855-000 REGULATORY COMMISSION \$ - 0 -

This line item was used to pay assessments to the Public Service Commission, when the sewer utility was regulated by the PSC. The sewer utility is no longer regulated by the PSC.

57340-855-100 DNR ENVIRONMENTAL FEES

\$ - 0 -

This budget line item consists of fees assessed to the WWTP, by the DNR, based on discharges from the WWTP from the previous year. The DNR uses a formula for calculating fees that takes into consideration WWTP flows, chlorine residual, phosphorus, suspended solids and CBOD tests. The budgeted amount is based on past fees paid.

57340-856-000 MISC. GENERAL EXPENSE \$ 500

This line item is for miscellaneous expenses, which may not fit into a previously listed category.

57340-857-000 METER EXPENSE ALLOCATION \$ 5,000

Because water meter readings are used to calculate water and sewer bills, a portion of the meter expenses must be allocated to the sewer utility. The utility's accountant calculates this meter expense amount. This budget line item pays for that calculated meter expense.

57340-408-200 TAXES \$ 4,200

The sewer utility is also tax exempt, but does make a payment to the General Fund in lieu of taxes. The accountant uses a formula to calculate this amount.

57600-858-000 CLOTHING ALLOWANCE \$ 310

This budget line item pays for the clothing allowance for 3 Utility Dept. employees and ½ of the DPW. This expense is split between the water and sewer utility. The current cost is \$175 per person.

MISCELLANEOUS EXPENDITURES

ACCOUNT NUMBER ACCOUNT TITLE

2019 BUDGET

59000-427-000 INTEREST ON LONG TERM DEBT

\$ 270,372

This budget line item is for paying the interest on the utility's debt service.

59000-429-500 OTHER EXPENSES – BOND ISSUE \$ 0

In the event that a large utility project was planned and funding for the project would be through the issuance of bonds, funds would be budgeted under this line item for the costs incurred to complete bond issuance.

59000-952-000 PRINCIPAL ON LONG TERM DEBT \$ 503,466

This budget line item is for paying the principal portion of the utility's debt service.

59000-952-100 PRINCIPAL & INT. – SHORT TERM DEBT \$ 0

This budget line item is for paying the principal and interest on the Utility's short term borrowing for the Well and WTP Reconstruction Project.

59000-960-000 REPLACEMENT FUND

\$ 50,000

This funds budgeted under this line item are put into a designated equipment replacement account. This account is a requirement for funds borrowed under the Clean Water Fund Program and also from RD. Funds in this account are to be used for replacing equipment in the sewer utility.

59000-962-000 TRANSFER TO RESERVES \$ - 0 -

This line item is used to budget funds to the utility's reserve accounts. Funds that accumulate in excess of what is necessary to make debt payments or pay operating expenses can be put into reserves for future use. Due to the necessity of paying for improvement projects, the increased cost of operations and the potential need for a sewer rate increase no funds have been available to put into reserves the last few years.

59000-962-100 DEBT SERVICE RESERVE FUND \$ 33,000

This line item is used to budget funds to a reserve account required by Rural Development.

59000-962-200 REIMBURSEMENT TO GEN. FUND \$ 60,000

This line item is used to budget funds to a repay the General Fund what is owed by the Utility fund.

CAPITAL EXPENDITURES

ACCOUNT NUMBER	ACCOUNT TITLE	<u>2019 BUDGET</u>
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59000-343-000 MAINS

\$4,000

This line item is for expenses associated with the repair or replacement of existing water mains in the City. This line is not for a main replacement project – maintenance and repairs only.

59000-345-000 **SERVICES**

\$ 6,000

This line item is for expenses associated with the repair and/or replacement of water service or sewer service laterals. Items purchased under this line would include copper or HDPE water pipe, PVC sewer pipe and fittings for each type of pipe. Materials purchased under this line would typically be used to replace lead water lines or vitrified clay sewer laterals.

59000-346-000 METERS

\$12,000

This budget line item is for expenses associated with meter repairs and or replacement. Items charged to this account would include new water meters, meter repair parts and radio transmitters.

59000-348-000 **HYDRANTS**

\$ 6,500

This line item is for expenses associated with the repair and/or replacement of hydrants. Repair parts and replacement hydrants would be charged to this account.

59000-950-030

PICKUP TRUCK

\$ - 0 -

59000-950-140 **SEWER MAIN LINING**

\$ - 0 -

Install a cured in place fiberglass liner in problem sewer areas or relay mains that are not suitable for lining.

59000-950-150

UPDATE SYSTEM MAPS & UDF PLAN

\$ - 0 -

Update the utility water and sewer maps and the unidirectional flushing plan.

59000-950-170

EMERGENCY STANDBY PUMP

\$ - 0 -

Completed in 2018.

59000-950-180

WATER PLANT UPGRADES

\$ - 0 -

This budget line item is for any remaining expenses associated with the rehabilitation of the water treatment plant and reconstruction of Wells 3, 4&5. This project was completed in 2016.

59000-950-200

COMPUTER EQUIPMENT

\$0

This line item is for the purchase of new computers or computer related equipment, if necessary. The current SCADA computer is 6 years old and needs to be upgraded. The expenditure amount includes software licenses that are also required for this system.

59000-950-220 All Materials Locator (AML)

\$0

Funds to purchase a locator that can be used to locate any type of pipe; ductile iron, cast iron or plastic.

59000-950-240 SEWER JETTER – REPLACEMENT

Replace the existing jetter with a new machine. Current machine is still functional but mechanical problems are becoming more frequent.

59000-950-245 BACKHOE – REPLACEMENT

\$ -0-

A new backhoe was purchased in 2016.

59000-950-270 12th ST. TOWER PAINTING

\$0

\$ - 0 -

An inspection of the tower has revealed numerous rust spots on the exterior of the tank that should be addressed while the tank can still be overcoated, as opposed to complete sandblasting and repainting. The interior may also need to be repainted in areas damaged by ice.

59000-950-280 BROOKSIDE LIFT STATION REPLACEMENT \$ - 0 -

Replace the existing lift station and standby generator. Replace the steel portion of the station, line the concrete wet well and move the controls and pumping equipment above grade. Plan to replace in 2020.

59000-950-300 HALL ST. WATER MAIN LOOP

Install water main from Cherry St. to Blake St. to eliminate a dead end on Blake St. and the associated water quality concerns.

59000-950-340 FLORENCE ST. TOWER PAINTING \$ - 0 -

Completed in 2018.

59000-950-350 ALTERNATE WATER SUPPLY TO BUSINESS PARK \$ 0

Presently there is only one water main and booster station that can provide water to the Business Park. With the increased water demand in the park it would be prudent for the City to secure an alternate source of water in the event of a booster pump failure or water main break. This budget would anticipate contracting with a consulting firm to evaluate options for providing a second source of water to the Business Par with construction potentially in 2019. This budget anticipates TID funds would be used to cover expenses associated with this project.

MOSINEE WATER & SEWER UTILITY

Revised: 12-7-2018

2019 BUDGET

ACCOUNT NUMBER	ACCOUNT NAME	2016 ACTUAL	2017 ACTUAL	2018 BUDGET	Δ	2018 CTUAL - 12/6	P	2018 ROJECTED	2019 PROPOSED	PERCENT CHANGE
HOMBER	MANIE	AOTOAL	AOTOAL	BODOLI		OTOAL - 12/0	-	KOOLOTED	TROI COLD	OHAROL
WATER SALES										
	Unmetered Sales	0.00	317.08	1,000.00		2,053.38		250.00	1,000.00	0.0%
46411-461-000	Metered Sales - Residential	535,272.32	518,471.76	520,000.00		500,573.82		544,617.00	535,000.00	2.8%
46411-461-050	Metered Sales - Multi-Family	19,193.30	22,610.84	20,000.00		22,363.46		24,300.00	35,000.00	42.9%
46411-461-100	Metered Sales - Commercial	169,938.28	161,762.59	165,000.00		150,631.57		164,900.00	165,000.00	0.0%
46411-461-200	Metered Sales - Industrial	92,785.49	154,048.59	100,000.00		185,889.12		202,800.00	175,000.00	42.9%
46411-462-000	Private Fire Protection	0.00	0.00	0.00		0.00		0.00	0.00	0.0%
46411-463-000	Public Fire Protection	307,632.80	307,678.80	315,000.00		283,241.20		307,000.00	315,000.00	0.0%
46411-464-000	Metered Sales - Public Authority	35,205.75	36,747.53	35,000.00		30,928.60		30,380.00	35,000.00	0.0%
	TOTAL WATER SALES	\$ 1,160,027.94	\$ 1,201,637.19 \$	1,156,000.00	\$	1,175,681.15	\$	1,274,247.00	\$ 1,261,000.00	8.3%
OTHER OPERA	TING RECEIPTS									
	Revenues from Merchandising		0.00	0.00				0.00	0.00	0.0%
46412-418-000		47,458.27	41,586.22	40,000.00		99,171.07		95,000.00	95,000.00	57.9%
	Interest & Dividend Income	523.35	3,004.66	500.00		0.00		500.00	500.00	0.0%
	Forfeited Discount	10,240.63	5,368.83	7,500.00		3,420.21		2,800.00	5,000.00	-50.0%
	Misc. Service Revenues	220.00	3,640.24	250.00		810.62		700.00	250.00	0.0%
46412-474-000	Other Water Revenues	4,122.00	7,132.25	0.00		9,425.00		600.00	0.00	0.0%
	TOTAL OTHER OP. RECEIPTS	\$ 62,564.25	\$ 60,732.20 \$	48,250.00	\$	112,826.90	\$	99,600.00	\$ 100,750.00	52.1%
TOTAL WATER	UTILITY REVENUES	\$ 1,222,592.19	\$ 1,262,369.39 \$	1,204,250.00	\$	1,288,508.05	\$	1,373,847.00	\$ 1,361,750.00	11.6%
SEWER REVEN	UES									
_	Sales - Residential	531,010.00	514,405.85	530,000.00		479,207.08		523,944.00	520,000.00	-1.9%
	Sales - Multi-Family	21,930.20	20,165.10	20,000.00		24,797.85		26,888.00	35,000.00	42.9%
	Sales - Commercial	168,074.65	125,653.20	170,000.00		151,774.41		167,540.00	165,000.00	-3.0%
45611-622-300	Sales - Industrial	126,102.60	141,657.40	110,000.00		180,375.50		186,800.00	170,000.00	35.3%
45611-622-400	Sales- Public Authorities	41,426.21	36,758.70	40,000.00		34,129.40		35,357.00	35,000.00	-14.3%
45611-622-500	Sales - Standby Charges	0.00	0.00	0.00		0.00		0.00	0.00	0.0%
	Service to Other Systems	0.00	0.00	0.00		0.00		0.00	0.00	0.0%
	Other Sewerage Services	0.00	0.00	0.00		9.15		8.30	0.00	0.0%
	TOTAL SEWER REVENUES	\$ 888,543.66	\$ 838,640.25 \$	870,000.00	\$	870,293.39	\$	940,537.30	\$ 925,000.00	5.9%

ACCOUNT NUMBER	ACCOUNT NAME	2016 ACTUAL	2017 ACTUAL	2018 BUDGET	2018 ACTUAL - 12/6	2018 PROJECTED	2019 PROPOSED	PERCENT CHANGE
OTHER OPERA	TING RECEIPTS							
45612-631-000	Forfeits	11,025.90	4,110.80	7,000.00	2,986.35	3,000.00	3,500.00	-100.0%
45612-635-000	Misc. Non-operating Revenue	69,757.06	145,931.64	250.00	0.00	0.00	250.00	0.0%
								0.0%
	TOTAL OTHER OP. RECEIPTS	80,782.96	\$ 150,042.44	\$ 7,250.00	\$ 2,986.35	\$ 3,000.00	\$ 3,750.00	
TOTAL SEWER	UTILITY REVENUES	\$ 969,326.62	\$ 988,682.69	\$ 877,250.00	\$ 873,279.74	\$ 943,537.30	\$ 928,750.00	0.0% 5.5%
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MISCELLANEO	US REVENUES							
59000-954-000	Special Assessment Receipts	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
59000-955-000	CWF Somat Interest Rate Subsidy	0.00	0.00	4,600.00	0.00	400.00	0.00	0.0%
59000-956-000	Transfer from TIF District	0.00	0.00	20,000.00	4,000.00	15,000.00	11,000.00	-81.8%
59000-958-000	Proceeds from Long Term Debt	0.00	9,444.04	0.00	0.00	0.00	0.00	0.0%
59000-959-000	Transfer from Reserves	0.00	0.00	220,000.00	0.00	238,000.00	115,000.00	-91.3%
59000-959-100	Sale of Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
59000-959-200	Transfer from Maple Ridge Lift Rese	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
59000-959-300	Loan Proceeds - Short Term Debt	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
59000-959-400	Rural Development Grant Proceeds	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
59000-959-500	SDWLP Grant Proceeds	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
59000-959-600	SDWLP Lead Line Replacement Fu	0.00	\$ 73,158.18	\$ 150,000.00	\$ 53,463.12	\$ 99,000.00	\$ 75,000.00	-100.0%
	TOTAL MISC. REVENUES	0.00	\$ 82,602.22	\$ 394,600.00	\$ 57,463.12	\$ 352,400.00	\$ 201,000.00	-96.3%
TOTAL UTILITY	REVENUES	\$ 2,191,918.81	\$ 2,333,654.30	\$ 2,476,100.00	\$ 2,219,250.91	\$ 2,669,784.30	\$ 2,491,500.00	0.6%

ACCOUNT NUMBER	ACCOUNT NAME	2016 ACTUAL	2017 ACTUAL	2018 BUDGET	2018 ACTUAL -12/6	2018 PROJECTED	2019 PROPOSED	PERCENT CHANGE
WATER UTILITY	' - OPERATIONS & MAINTENANCE							
	Wages & Salaries	33,655.78	39,208.59	35,000.00	36,022.83	40,000.00	41,000.00	14.6%
	Part-time Wages	0.00	0.00	1,000.00	,	1,000.00	1,000.00	
57520-620-000	Fuel & Power	60,017.80	64,976.87	60,000.00	57,738.98	63,000.00	65,000.00	7.7%
57530-630-000	Chemicals	52,945.28	93,580.91	50,000.00	124,627.97	130,000.00	135,000.00	
57530-630-100	Labor - Chemicals	5,866.97	7,655.84	7,500.00	8,663.32	10,000.00	10,000.00	25.0%
57530-633-000	Water Testing	5,389.39	9,346.98	7,500.00	8,337.19	10,000.00	7,500.00	0.0%
57540-640-000	Supplies & Expense	153,395.58	117,356.37	90,000.00	103,856.07	106,000.00	115,000.00	21.7%
57540-640-100	Labor - Distribution System	55,746.79	54,923.55	50,000.00	49,719.69	54,000.00	54,000.00	7.4%
57540-640-222	Clothing Allowance	262.50	231.25	310.00	306.25	306.25	310.00	0.0%
57540-650-000	Repair of Water Plant	58,629.38	139,870.88	75,000.00	153,987.34	154,000.00	115,000.00	34.8%
57540-650-100	Labor - Pumping Equipment	1,777.86	1,961.12	5,000.00	1,583.42	1,900.00	4,000.00	-25.0%
57540-650-200	Labor - Reservoir	264.92	351.21	250.00	599.86	600.00	600.00	58.3%
57540-651-000	Labor - Mains	6,909.34	2,385.08	5,000.00	5,505.87	7,000.00	6,000.00	16.7%
57540-652-000	Labor - Lateral Maintenance	9,119.79	11,040.99	8,500.00	22,974.37	24,000.00	25,000.00	66.0%
57540-653-000	Labor - Meters	2,290.38	3,150.64	3,000.00	1,587.03	2,500.00	3,000.00	0.0%
57540-653-100	Labor - Meter Reading	0.00	0.00	1,500.00	0.00	0.00	1,500.00	0.0%
57540-655-000	Labor - Hydrant Maintenance	6,190.51	5,304.08	3,000.00	1,647.12	1,500.00	3,000.00	0.0%
57540-655-100	Labor - Hydrant Flushing	6,804.70	10,263.13	8,000.00	7,584.07	7,300.00	8,000.00	0.0%
57540-660-000	Transportation Expense	1,972.79	3,130.63	5,000.00	3,497.69	3,900.00	4,000.00	-25.0%
57540-667-000	Labor - TIF District	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	TOTAL-OPERATIONS & MAINT.	\$ 461,239.76 \$	564,738.12 \$	415,560.00	\$ 588,239.07	\$ 617,006.25 \$	598,910.00	30.6%
WATER UTILITY	' - GENERAL EXPENDITURES							
57390-408-100	Taxes	167,254.00	172,166.00	165,000.00	0.00	170,000.00	170,000.00	
57580-680-000	Administration & General Salaries	7,920.27	8,582.63	10,000.00	7,275.20	7,700.00	10,000.00	
57580-681-000	Office Supplies	2,010.08	1,610.76	10,000.00	1,586.38	1,400.00	5,000.00	-100.0%
57580-682-000	Outside Services Employed	34,861.75	27,995.32	26,000.00	24,017.17	27,000.00	26,000.00	0.0%
57580-683-000	Engineering	1,800.00	6,039.19	20,000.00	6,347.90	8,500.00	10,000.00	-100.0%
57580-684-000	Insurance Expense	19,791.18	16,679.00	20,000.00	20,474.00	20,000.00	20,000.00	0.0%
57580-686-000	Employee Pension & Benefits	50,668.21	43,245.84	43,000.00	30,650.75	43,000.00	43,000.00	0.0%
57580-688-000	Regulatory Commission	1,586.99	1,344.46	2,000.00	1,391.53	1,500.00	2,000.00	0.0%
57580-689-000	Misc. General Expense	0.00	50.31	1,000.00	0.00	0.00	1,000.00	0.0%
57580-690-000	Private Lead Line Replacement Expe	ense	73,158.18	150,000.00	53,463.12	99,000.00	75,000.00	-100.0%
	TOTAL - GEN. EXPENDITURES	\$ 285,892.48 \$	350,871.69 \$	447,000.00	\$ 145,206.05	\$ 378,100.00 \$	362,000.00	-23.5%
TOTAL WATER	UTILITY EXPENSES	\$ 747,132.24 \$	915,609.81 \$	862,560.00	\$ 733,445.12	\$ 995,106.25 \$	960,910.00	10.2%

ACCOUNT NUMBER	ACCOUNT NAME		2016 ACTUAL		2017 TUAL	2018 BUDGET	ACT	2018 UAL - 12/6	PF	2018 ROJECTED	PI	2019 ROPOSED	PERCENT CHANGE
	/ - OPERATIONS & MAINTENANCE		7.0.07.										
	Wages & Salaries		32,748.14		35,346.25	35,000.00		32,704.32		36,000.00		37,000.00	5.4%
	Part-time Labor		,		0.00	1,500.00		0.00		0.00		1,500.00	
57310-821-000	Fuel & Power		43,948.61		46,640.62	43,000.00		39,440.21		43,900.00		45,000.00	4.4%
57310-823-000	Chlorine		0.00		0.00	,		,		•		•	0.0%
57310-826-000	Chemicals		0.00		0.00	0.00		10,000.00		10,000.00		15,000.00	100.0%
57310-826-500	Influent/Effluent Testing		0.00		0.00								0.0%
57310-827-000	Supplies & Expense		40,383.49		29,535.69	32,500.00		21,756.50		21,000.00		32,000.00	-1.6%
57310-828-000	Transportation Expense		3,835.54		4,707.70	5,000.00		2,979.76		3,975.00		5,000.00	0.0%
57320-830-000	Sewage Collection System		43,914.87		54,432.25	50,000.00		70,858.86		85,600.00		66,000.00	24.2%
57320-831-000	Maint of Coll. System - Labor		14,815.44		15,252.99	20,000.00		13,411.50		12,500.00		24,000.00	16.7%
57320-831-200	Labor - Sewer Backups		0.00		0.00	0.00		0.00		0.00		0.00	0.0%
57320-832-100	Labor - Lift Station		10,520.02		8,265.83	0.00		8,424.78		0.00		0.00	0.0%
57320-832-200	Labor - Manholes		0.00		0.00	0.00		0.00		0.00		0.00	0.0%
57320-833-600	Labor - TIF District		0.00		0.00	0.00		0.00		0.00		0.00	0.0%
57330-841-000	Labor - Meters		4,495.30		3,334.08	4,500.00		2,011.81		2,000.00		4,500.00	0.0%
57330-842-000	Labor - Meter Reading		0.00		0.00	1,500.00		0.00		0.00		1,500.00	0.0%
57330-850-000	RMMSD Treatment Costs		156,110.50		178,203.53	148,000.00		144,847.85		200,000.00		212,000.00	30.2%
	TOTAL OP. & MAINTENANCE	\$	350,771.91	\$:	375,718.94	\$ 341,000.00	\$	346,435.59	\$	414,975.00	\$	443,500.00	23.1%
CEWED LITH ITY	CENERAL EXPENDITURES												
	7 - GENERAL EXPENDITURES Administration & General Salaries		7,920.27		7,669.18	8,000.00		7,275.20		7,670.00		8,100.00	1.2%
	Office Supplies		14,621.93		17,869.54	11,500.00		13,234.66		13,000.00		13,500.00	
	Outside Services Employed		18,835.00		7,891.03	12,000.00		10,479.97		13,300.00		10,000.00	-20.0%
	Insurance Expense		27,431.17		24,321.00	28,000.00		21,979.00		28,000.00		28,000.00	0.0%
	Employee Benefits		57,605.21		50,378.68	65,000.00		40,302.08		40,000.00		60,000.00	-8.3%
	Regulatory Commission Expense		0.00		0.00	0.00		0.00		0.00		0.00	0.0%
	DNR Environmental Fees		0.00		0.00	0.00		0.00		0.00		0.00	
	Misc. General Expense		303.40		0.00	500.00		8.00		8.00		500.00	
	Meter Expense Allocation		4,122.00		3,887.00	5,000.00		0.00		4,000.00		5,000.00	
57390-408-200	·		4,143.00		3,995.00	4,200.00		0.00		4,200.00		4,200.00	0.0%
	Clothing Allowance		0.00		231.25	310.00		306.25		306.25		310.00	
	TOTAL GEN. EXPENDITURES	\$	134,981.98	\$	116,242.68	134,510.00	\$	93,585.16	\$	110,484.25	\$	129,610.00	-3.8%
	- '-	•	,	-	,	,		,	•	, -	•	,	
TOTAL SEWER	UTILITY EXPENSES	\$	485,753.89	\$ 4	191,961.62	\$ 475,510.00	\$	440,020.75	\$	525,459.25	\$	573,110.00	17.0%

ACCOUNT	ACCOUNT	2016	2017	2018		2018		2018		2019	PERCENT
NUMBER	NAME	ACTUAL	ACTUAL	BUDGET	Α	CTUAL - 12/6	F	PROJECTED	<u>_</u>	PROPOSED	CHANGE
MOOFILANTO	IO EVDENDITUDEO										
	JS EXPENDITURES										
59000-427-000	Interest on Long Term Debt	284,137.29	274,069.00	285,155.64		285,155.64		285,155.64		270,372.00	-5.5%
59000-429-500	Other Expenses - Bond Issue	27,380.92	0.00	0.00		0.00		0.00		0.00	0.0%
59000-952-000	Principal on Long Term Debt	0.00	459,418.00	460,498.58		460,498.58		460,498.58		503,465.83	8.5%
59000-952-100	Principal & Interest- Short Term Debt	0.00	0.00	0.00		0.00		0.00		0.00	0.0%
59000-960-000	Replacement Fund	50,000.00	0.00	50,000.00		0.00		50,000.00		50,000.00	0.0%
59000-962-000	Transfer to Reserves	0.00	0.00	0.00		0.00		0.00		0.00	0.0%
59000-962-100	Debt Service Reserve Fund	33,000.00	33,000.00	33,000.00		0		33,000.00		33,000.00	0.0%
59000-962-200	Reimbursement to General Fund	25,000.00	25,000.00	25,000.00		0.00		25,000.00		60,000.00	58.3%
	TOTAL MISC. EXPENDITURES	\$ 419,518.21	\$ 791,487.00	\$ 853,654.22	\$	745,654.22	\$	853,654.22	\$	916,837.83	6.9%
TOTAL UTILIT	Y OPERATING EXPENSES	\$ 1,652,404.34	\$ 2,199,058.43	\$ 2,191,724.22	\$	1,919,120.09	\$	2,374,219.72	\$	2,450,857.83	10.6%
INCOME (LOS	S) FROM OPERATIONS	\$ 539,514.47	\$ 134,595.87	\$ 284,375.78	\$	300,130.82	\$	295,564.58	\$	40,642.17	-599.7%

ACCOUNT NUMBER	ACCOUNT NAME	2016 ACTUAL	2017 ACTUAL	2018 BUDGET	2018 ACTUAL - 12/6	2018 PROJECTED	2019 PROPOSED
		7.0.07.	7101011		71010712 12.0		
CAPITAL EXPE	ENDITURES						
59000-343-000	Mains			4,000.00		0.00	4,000.00
59000-345-000	Services			6,000.00	23,169.67	23,169.67	6,000.00
59000-346-000	Meters			12,000.00	25,970.41	25,970.14	12,000.00
59000-348-000	Hydrants			6,500.00	17,940.00	17,940.00	6,500.00
59000-950-030	Pickup Truck			0.00			0.00
59000-950-090							0.00
59000-950-140	Sewer Main Lining	39,695.00	46,589.00	0.00			0.00
59000-950-150	Update Water System Maps & UDF	4,245.95		0.00			
59000-950-160	Upgrade Electric Service - Wells 1&2		14,940.00	0.00			
59000-950-170	Emergency pump for Fremont & Edison			80,000.00	80,660.17	80,660.17	
59000-950-180	Water Plant - Upgrades			0.00			
59000-950-190	New Well						
59000-950-200	Computer Equipment		1,705.30	4,000.00			0.00
59000-950-210	Trailer Mounted Generator			0.00			
59000-950-220	AML Locator			0.00			
59000-950-230	Western Ave sewer replacement			0.00			
59000-950-240	Sewer Jetter			0.00			0.00
59000-950-245	Backhoe			0.00			0.00
59000-950-250	RMMSD - Force Main			0.00			
59000-950-260	CWBP Tower Painting						0.00
59000-950-270	12th St. Tower Painting						0.00
59000-950-280	Brookside Lift station replacement			0.00			
59000-950-290				0.00			
59000-950-300	Hall St. Water Main Loop			0.00			0.00
59000-950-310				0.00			
59000-950-320	Bielen Rd. Lift Station replacement			0.00			
59000-950-330	Oconto Rd. water main replacement			0.00			
59000-950-340	Florence St Tower painting			150,000.00	140,898.40	140,898.40	
	Alternate Water Supply to Business Par	k		20,000.00	3,964.24	3,964.24	11,000.00
	AL EXPENDITURES \$	43,940.95	\$ 63,234.30	\$ 282,500.00	\$ 292,602.89	\$ 292,602.62	\$ 39,500.00
	NET INCOME (LOSS) \$	495,573.52	\$ 71,361.57	\$ 1,875.78	\$ 7,527.93	\$ 2,961.96	\$ 1,142.17

Approved on: December 10, 2018