

CITY OF ESCANABA

2020-2021 Wastewater Fund Budget Request Workpaper

Fund Number 555

WASTEWATER FUND-INCOME STATEMENT

	<u>Actual 2017-18</u>	<u>Actual 2018-19</u>	<u>Estimate 2019-20</u>	<u>Budget 2019-20</u>	<u>Budget 2020-21</u>	<u>\$ Change Col. 5-Col. 4</u>	<u>% Change Col. 5-Col. 4</u>
Operating Revenues	1,549,110	1,791,735	1,861,000	2,022,300	2,673,000	650,700	32.18%
Less: Operating Expenditures	1,552,033	1,968,660	1,841,627	1,842,378	1,982,672	140,294	7.61%
Net Operating Income	(2,923)	(176,925)	19,373	179,922	690,328	510,406	283.68%
Plus: Interest Earnings	34,027	35,566	35,000	40,000	35,000	(5,000)	-12.50%
Gain/(Loss) on Investments	(23,014)	111,703	0	0	0	0	0.00%
Grant Revenue	0	0	0	0	480,000	480,000	NEW
Less: Bond Interest Expense	1,688	338	0	0	216,275	216,275	0.00%
NET INCOME	6,402	(29,994)	54,373	219,922	989,053	769,131	349.73%

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WASTEWATER FUND-OPERATING REVENUES

	<u>Actual 2017-18</u>	<u>Actual 2018-19</u>	<u>Estimate 2019-20</u>	<u>Budget 2019-20</u>	<u>Budget 2020-21</u>	<u>\$ Change Col. 5-Col. 4</u>	<u>% Change Col. 5-Col. 4</u>
Metered Sales	1,419,632	1,564,506	1,750,000	1,920,000	2,560,000	640,000	33.33%
Interdepartmental Sales	26,938	28,237	18,000	24,000	20,000	(4,000)	-16.67%
Industrial Waste Charges	72,940	89,950	80,000	65,000	80,000	15,000	23.08%
Penalties on Utility Collections	6,972	7,235	7,500	7,800	7,500	(300)	-3.85%
Reconnection Fees	3,225	2,795	3,000	3,000	3,000	0	0.00%
P. O. Share of Assessments	0	0	0	0	0	0	0.00%
Miscellaneous Revenues	19,403	99,012	2,500	2,500	2,500	0	0.00%
TOTAL OPERATING REVENUES	1,549,110	1,791,735	1,861,000	2,022,300	2,673,000	650,700	32.18%

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Activity Number

100

REQUEST FOR TOTAL OPERATING EXPENSES

Description of Request	Actual 2017-18	Actual 2018-19	Estimate 2019-20	Budget 2019-20	Request 2020-21	Recommended 2020-21	Final 2020-21	\$ Change Col. 7-Col.4	% Change Col. 7-Col.4
REQUEST FOR ADMINISTRATIVE EXPENSES	567,938	850,374	608,621	565,392	648,111	648,111	653,354	87,962	15.56%
REQUEST FOR PRODUCTION EXPENSES	356,587	428,184	449,200	484,693	447,902	447,902	447,902	(36,791)	-7.59%
REQUEST FOR STATION EXPENSES	19,178	23,910	25,500	33,862	32,652	32,652	32,652	(1,210)	-3.57%
REQUEST FOR TRANSMISSION/DISTRIBUTION EXPENSE	108,328	96,300	152,400	165,232	196,620	196,620	196,620	31,388	19.00%
REQUEST FOR CUSTOMER SERVICE EXPENSES	36,659	33,020	31,200	28,340	32,600	32,600	32,600	4,260	15.03%
REQUEST FOR OTHER EXPENSES	463,343	536,872	574,706	564,859	617,177	617,177	619,544	54,685	9.68%
TOTAL OPERATING EXPENSES	1,552,033	1,968,660	1,841,627	1,842,378	1,975,062	1,975,062	1,982,672	140,294	7.61%

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Fund Number 555 Activity Number 000
REQUEST FOR CAPITAL EXPENDITURES

		Actual	Actual	Estimate	Budget	Request	Recommended	Final	\$ Change	% Change
Description of Request		2017-18	2018-19	2019-20	2019-20	2020-21	2020-21	2020-21	Col. 7-Col.4	Col. 7-Col.4
	New 23rd Ave. Lift Station On-Site Generator				0	65,000	65,000	65,000	65,000	NEW
	Replace Ludington Lift Station On-Site Generator				0	65,000	65,000	65,000	65,000	NEW
	Replace Ferric Pumps				0	15,000	15,000	15,000	15,000	NEW
	Chlorine Room Improvements				0	30,000	30,000	30,000	30,000	NEW
	Garage-Phase I				180,000	0	0	0	(180,000)	-100.00%
	#4 Digester Repairs				35,000	35,000	35,000	35,000	0	0.00%
	WAS Pumps				50,000	0	0	0	(50,000)	-100.00%
	Final Drive Motor & Worm Gear Case				35,000	0	0	0	(35,000)	-100.00%
	Raw Sewage Pump #3 Replacement				50,000	0	0	0	(50,000)	-100.00%
	Digester Transfer Pumps				50,000	0	0	0	(50,000)	-100.00%
	Ladders in Final Tanks				16,000	0	0	0	(16,000)	-100.00%
	Dock Leveller on Headworks Loading Dock				8,000	0	0	0	(8,000)	-100.00%
	Fill Cracks/Seal Coat 1/4 of Driveway				6,500	0	0	0	(6,500)	-100.00%
541 - 136 -000	Structures and Improvements	111,814	376,311	277,000	430,500	210,000	210,000	210,000	(220,500)	-51.22%
	Vactor Truck				400,000	0	0	0	(400,000)	-100.00%
	3/4 Ton Pickup w/Plow				38,000	0	0	0	(38,000)	-100.00%
	Effluent/By-pass/Dewatering Pump & Equipment				0	90,000	90,000	90,000	90,000	NEW
	Hot Water Pressure Washer				0	10,000	10,000	10,000	10,000	NEW
	Miscellaneous Tools				0	0	0	0	0	0.00%
-154 -200	Equipment and Improvements	0	0	474,360	438,000	100,000	100,000	100,000	(338,000)	-77.17%
	22nd Street (25th Ave S to 26th Ave S)				100,000	0	0	0	(100,000)	-100.00%
	22nd Street (1st Ave N to 3rd Ave S and US 2 Hwy Crossings)				137,500	0	0	0	(137,500)	-100.00%
	22nd Street (23rd Ave S to Lake Shore Dr & 3 Spurs)				186,600	0	0	0	(186,600)	-100.00%
	2nd Ave. South (S 4th St to S 16th St)				203,250	0	0	0	(203,250)	-100.00%
	Lake Shore Drive Lift Station Upgrades				0	50,000	50,000	50,000	50,000	NEW
	CIPP & Manhole Restoration-Sites TBD				0	980,000	980,000	980,000	980,000	NEW
-140 -100	Ludington Street Reconstuction-1st St to 5th St (CDBG Grant \$480,000)				0	980,000	980,000	980,000	980,000	NEW
	Mains	233,284	0	553,950	627,350	1,030,000	1,030,000	1,030,000	(627,350)	64.18%
	Computer System Expansion				1,200	1,200	1,200	1,200	0	0.00%
	Drying Oven				0	5,000	5,000	5,000	5,000	NEW
-154 -300	Office & Laboratory Equipment	0	0	1,100	1,200	6,200	6,200	6,200	5,000	416.67%
TOTAL CAPITAL OUTLAY		345,098	376,311	1,306,410	1,497,050	1,346,200	1,346,200	1,346,200	(150,850)	-10.08%

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Activity Number

600

REQUEST FOR ADMINISTRATIVE EXPENSES

Description of Request	Actual 2017-18	Actual 2018-19	Estimate 2019-20	Budget 2019-20	Request 2020-21	Recommended 2020-21	Final 2020-21	\$ Change Col. 7-Col.4	% Change Col. 7-Col.4
Superintendent				34,601	38,978	38,978	38,978	4,377	12.65%
Part-Time Secretary				7,013	6,483	6,483	6,678	(335)	-4.78%
Salaries and Wages	40,457	37,388	41,614	41,614	41,161	41,161	45,656	4,042	9.71%
702 -000									
703 -200	14,932	15,078	13,194	13,194	13,586	13,586	13,586	392	2.97%
703 -300	1,700	1,078	1,000	2,201	1,978	1,978	1,978	(223)	-10.13%
703 -400	20,150	21,440	25,177	25,177	23,221	23,221	23,221	(1,956)	-7.77%
703 -500	1,475	1,475	1,675	1,675	1,425	1,425	1,425	(250)	-14.93%
703 -600	2,059	2,063	2,881	2,881	1,819	1,819	1,819	(1,062)	-36.86%
712 -000									
Pension, Social Security & W/C				209,849	294,749	294,749	294,779	84,930	40.47%
Overhead on Salaries and Wages	235,365	519,820	275,000	209,849	294,749	294,749	294,779	84,930	40.47%
713 -000									
Health/Rx/Dental/Vision/Life				121,831	125,013	125,013	125,013	3,182	2.61%
Co-Pay				(20,930)	(21,681)	(21,681)	(21,681)	(751)	3.59%
Life and Hospital Insurance	74,309	79,308	100,000	100,901	103,332	103,332	103,332	2,431	2.41%
726 -000	324	126	400	350	350	350	350	0	0.00%
727 -000	759	936	700	750	750	750	750	0	0.00%
740 -000	449	672	700	890	890	890	890	0	0.00%
744 -000	40	0	1,200	1,200	1,200	1,200	1,200	0	0.00%
801 -000									
CDL's & Miscellaneous				800	800	800	800	0	0.00%
Collection System Infiltration Study				0	30,000	30,000	30,000	30,000	NEW
Engineering Fees				30,000	0	0	0	(30,000)	-100.00%
Professional Services	46,095	35,790	25,000	30,800	30,800	30,800	30,800	0	0.00%
801 -200									
MML Environmental Affairs Assessment				500	500	500	500	0	0.00%
Special Services	491	421	450	500	500	500	500	0	0.00%

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REQUEST FOR ADMINISTRATIVE EXPENSES

	<u>Actual 2017-18</u>	<u>Actual 2018-19</u>	<u>Estimate 2019-20</u>	<u>Budget 2019-20</u>	<u>Request 2020-21</u>	<u>Recommended 2020-21</u>	<u>Final 2020-21</u>	<u>\$ Change Col. 7-Col.4</u>	<u>% Change Col. 7-Col.4</u>
803 -000 Miss Dig	450	606	450	450	450	450	450	0	0.00%
850 -000 Telephones	2,492	3,328	3,200	2,800	3,200	3,200	3,200	400	14.29%
860 -000 Travel Expense, Auto Allowance	660	733	1,200	1,400	1,400	1,400	1,400	0	0.00%
881 -000 Sales Promotlon	0	0	0	0	0	0	0	0	0.00%
900 -000 Printing and Publishing	435	1,000	500	400	400	400	400	0	0.00%
910 -000 Insurance and Bonds	12,404	8,629	6,000	16,000	16,000	16,000	16,000	0	0.00%
920 -100 Utilities-Electrlc	94,696	92,901	90,000	90,000	90,000	90,000	90,000	0	0.00%
920 -200 Utilities-Gas	8,406	8,436	8,500	9,000	9,000	9,000	9,000	0	0.00%
931 -000 Repairs to Structures	2,314	0	300	500	500	500	500	0	0.00%
Office Equipment				1,200	1,200	1,200	1,200	0	0.00%
Elevator Inspection/Main.				2,500	2,500	2,500	2,500	0	0.00%
932 -000 Repairs to Equipment	3,842	3,303	3,500	3,700	3,700	3,700	3,700	0	0.00%
943 -000 Rental of Equipment	0	0	0	250	250	250	250	0	0.00%
950 -000 Uncollectable Accounts	0	174	0	500	500	500	500	0	0.00%
WEF				230	230	230	230	0	0.00%
MRWA				325	325	325	325	0	0.00%
AWWA				175	175	175	175	0	0.00%
958 -000 Memberships and Dues	590	70	730	730	730	730	730	0	0.00%

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REQUEST FOR ADMINISTRATIVE EXPENSES

		Actual	Actual	Estimate	Budget	Request	Recommended	Final	\$ Change	% Change
Description of Request		2017-18	2018-19	2019-20	2019-20	2020-21	2020-21	2020-21	Col. 7-Col.4	Col. 7-Col.4
	Salaries and Wages				3,990	3,162	3,162	3,248	(742)	-18.60%
	Renewals & Certification Exams				590	590	590	590	0	0.00%
	Registration				1,200	1,200	1,200	1,200	0	0.00%
	Travel				1,600	1,600	1,600	1,600	0	0.00%
960 -000	Education and Training	3,044	4,278	5,000	7,380	6,552	6,552	6,638	(742)	-10.05%
962 -000	Damage to Private Property	0	0	0	0	0	0	0	0	0.00%
977 -000	Capital Outlay-Equipment	0	11,321	0	0	0	0	0	0	0.00%
979 -000	Books, Magazines & Periodicals	0	0	250	300	300	300	300	0	0.00%
TOTAL ADMINISTRATIVE EXPENSES		567,938	850,374	608,621	565,392	648,111	648,111	653,354	87,962	15.56%

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REQUEST FOR PRODUCTION EXPENSES

	<u>Actual</u> <u>2017-18</u>	<u>Actual</u> <u>2018-19</u>	<u>Estimate</u> <u>2019-20</u>	<u>Budget</u> <u>2019-20</u>	<u>Request</u> <u>2020-21</u>	<u>Recommended</u> <u>2020-21</u>	<u>Final</u> <u>2020-21</u>	<u>\$ Change</u> <u>Col. 7-Col.4</u>	<u>% Change</u> <u>Col. 7-Col.4</u>
702 -000 Salaries and Wages	166,211	191,059	190,000	187,320	147,664	147,664	147,664	(39,656)	-21.17%
726 -000 Supplies-Miscellaneous	1,444	738	1,500	2,000	2,000	2,000	2,000	0	0.00%
				45,000	48,000	48,000	48,000	3,000	6.67%
728 -000 Ferric Chloride/Chlorine Polymer				7,000	7,000	7,000	7,000	0	0.00%
728 -000 Plant Chemicals	46,136	50,879	55,000	52,000	55,000	55,000	55,000	3,000	5.77%
728 -100 Laboratory Chemicals and Supplies	8,272	8,434	10,000	11,000	11,000	11,000	11,000	0	0.00%
728 -200 NPDES & Permit Testing	8,369	9,838	12,000	12,750	12,750	12,750	12,750	0	0.00%
				32,500	32,500	32,500	32,500	0	0.00%
801 -250 Digester Cleaning Sludge Hauling	0	0	80,000	75,000	75,000	75,000	75,000	0	0.00%
801 -250 Professional Services	0	0	80,000	107,500	107,500	107,500	107,500	0	0.00%
802 -000 Sludge Hauling	24,528	11,380	20,000	25,000	25,000	25,000	25,000	0	0.00%
802 -200 MDEQ Sludge Fee	2,192	2,298	2,000	3,000	3,000	3,000	3,000	0	0.00%
920 -400 Diesel Fuel	1,107	1,041	1,000	1,200	1,200	1,200	1,200	0	0.00%
931 -000 Repairs to Structures(Outside Vendors)	0	0	0	0	0	0	0	0	0.00%
931 -702 Repairs to Structures-Labor	5,425	0	5,000	5,098	4,400	4,400	4,400	(698)	-13.70%
931 -726 Repairs to Structures-Supplies	5,561	2,452	2,000	2,000	2,000	2,000	2,000	0	0.00%
932 -000 Repairs to Equipment(Outside Vendors)	4,603	3,553	4,500	5,000	5,000	5,000	5,000	0	0.00%
932 -200 Repairs to Equipment-Portable	0	210	0	0	0	0	0	0	0.00%
932 -702 Repairs to Equipment-Labor	59,615	98,722	46,000	45,625	46,188	46,188	46,188	563	1.23%
932 -726 Repairs to Equipment-Supplies	22,332	45,894	19,000	24,000	24,000	24,000	24,000	0	0.00%
943 -000 Equipment Rental	792	1,686	1,200	1,200	1,200	1,200	1,200	0	0.00%
TOTAL PRODUCTION EXPENSES	356,587	428,184	449,200	484,693	447,902	447,902	447,902	(36,791)	-7.59%

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Activity Number

615

REQUEST FOR STATION EXPENSES

	<u>Actual 2017-18</u>	<u>Actual 2018-19</u>	<u>Estimate 2019-20</u>	<u>Budget 2019-20</u>	<u>Request 2020-21</u>	<u>Recommended 2020-21</u>	<u>Final 2020-21</u>	<u>\$ Change Col. 7-Col.4</u>	<u>% Change Col. 7-Col.4</u>
702 -000 Salaries and Wages(Operations)	7,717	8,683	12,000	15,700	13,856	13,856	13,856	(1,844)	-11.75%
931 -702 Repairs to Structures-Labor	0	0	1,000	1,979	1,848	1,848	1,848	(131)	-6.62%
931 -726 Repairs to Structures-Supplies	0	217	200	250	250	250	250	0	0.00%
932 -702 Repairs to Equipment-Labor	4,976	9,051	6,000	6,933	7,698	7,698	7,698	765	11.03%
932 -726 Repairs to Equipment-Supplies	4,069	3,317	3,500	4,000	4,000	4,000	4,000	0	0.00%
943 -000 Rental of Equipment	2,416	2,642	2,800	5,000	5,000	5,000	5,000	0	0.00%
TOTAL STATION EXPENSES	19,178	23,910	25,500	33,862	32,652	32,652	32,652	(1,210)	-3.57%

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620

REQUEST FOR TRANSMISSION/DISTRIBUTION EXPENSES

	<u>Actual</u> <u>2017-18</u>	<u>Actual</u> <u>2018-19</u>	<u>Estimate</u> <u>2019-20</u>	<u>Budget</u> <u>2019-20</u>	<u>Request</u> <u>2020-21</u>	<u>Recommended</u> <u>2020-21</u>	<u>Final</u> <u>2020-21</u>	<u>\$ Change</u> <u>Col. 7-Col.4</u>	<u>% Change</u> <u>Col. 7-Col.4</u>
702 -000 Salaries and Wages	30,297	43,536	43,000	45,232	70,620	70,620	70,620	25,388	56.13%
702 -100 Salaries and Wages-Other	0	0	0	0	0	0	0	0	0.00%
726 -000 Supplies-Miscellaneous	856	2,351	2,000	3,500	3,500	3,500	3,500	0	0.00%
801 -000 Professional Services	14,118	0	35,000	40,000	40,000	40,000	40,000	0	0.00%
Supplies				8,000	8,000	8,000	8,000	0	0.00%
Labor				16,000	16,000	16,000	16,000	0	0.00%
Equipment Rental				10,000	10,000	10,000	10,000	0	0.00%
931 -000 Repairs/Main. of Structures(DPW)	26,769	10,160	28,000	34,000	34,000	34,000	34,000	0	0.00%
931 -050 Repairs/Main.-Inspection	521	2,546	6,000	8,000	8,000	8,000	8,000	0	0.00%
932 -000 Repairs to Equipment	4,626	632	400	500	500	500	500	0	0.00%
943 -000 Equipment Rental	31,141	37,075	38,000	34,000	40,000	40,000	40,000	6,000	17.65%
TOTAL TRANSMISSION/DISTRIBUTION	108,328	96,300	152,400	165,232	196,620	196,620	196,620	31,388	19.00%

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630

REQUEST FOR CUSTOMER SERVICE EXPENSES

	<u>Actual 2017-18</u>	<u>Actual 2018-19</u>	<u>Estimate 2019-20</u>	<u>Budget 2019-20</u>	<u>Request 2020-21</u>	<u>Recommended 2020-21</u>	<u>Final 2020-21</u>	<u>\$ Change Col. 7-Col.4</u>	<u>% Change Col. 7-Col.4</u>
702 -501 Labor-Metering and Servicing	0	0	0	0	0	0	0	0	0.00%
702 -503 Labor-Service to Customers	33,260	32,442	30,000	25,740	30,000	30,000	30,000	4,260	16.55%
943 -000 Equipment Rental	3,399	578	1,200	2,600	2,600	2,600	2,600	0	0.00%
TOTAL CUSTOMER SERVICE EXPENSES	36,659	33,020	31,200	28,340	32,600	32,600	32,600	4,260	15.03%

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Activity Number

640/999

REQUEST FOR OTHER EXPENSES

	<u>Actual</u> <u>2017-18</u>	<u>Actual</u> <u>2018-19</u>	<u>Estimate</u> <u>2019-20</u>	<u>Budget</u> <u>2019-20</u>	<u>Request</u> <u>2020-21</u>	<u>Recommended</u> <u>2020-21</u>	<u>Final</u> <u>2020-21</u>	<u>\$ Change</u> <u>Col. 7-Col.4</u>	<u>% Change</u> <u>Col. 7-Col.4</u>
968 -000 <u>Description of Request</u> Depreciation Expense	271,920	287,394	361,024	358,000	402,514	402,514	402,514	44,514	12.43%
999 -100 General Fund Charges Overhead Allocation	191,423	249,478	213,682	206,859	214,663	214,663	217,030	10,171	4.92%
TOTAL OTHER EXPENSES	463,343	536,872	574,706	564,859	617,177	617,177	619,544	54,685	9.68%