

**CITY OF LESLIE
SPECIAL COUNCIL MEETING
MINUTES
DECEMBER 15, 2021**

Present: Johnson, Beegle, Eggleston, Fox, Doane, Owen & Stewart

Excused: None

Also Present: CM Montenegro, Chelsea Cox, Carrie Howe, Joyce Kranz, Gregory St. Clair, Alan Smaka & Andy Campbell.

Item 1 **Swearing In**

City Clerk Chelsea Cox administered Oath of Office to newly appointed councilman John W. Stewart.

Item 2 **Consent Agenda**

A. Approval of the agenda.

Moved by Beegle, seconded by Owen to approve consent agenda.

**ALL YEAS
MOTION CARRIED**

Item 2 **Citizen Comments and Questions**

Joyce Kranz

Item 3 **Council Comment**

None

Item 5 **Items of Business**

None

Item 6 **Items of Discussion**

A. Action level exceedance, public notice/education/filter distribution.



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

LANSING



LIESL EICHLER CLARK
DIRECTOR

December 7, 2021

VIA EMAIL AND U.S. MAIL

Ms. Sue Montenegro, City Manager
City of Leslie
106 East Bellevue
Leslie, Michigan 49251

WSSN: 03840
County: Ingham
System: City of Leslie

Dear Ms. Montenegro:

SUBJECT: Lead and Copper Monitoring - Action Level (AL) Exceedance

The city of Leslie's community water supply's 90th percentile value exceeded the AL for lead during the most recent round of lead and copper monitoring of drinking water taps from July 1 through December 31, 2021, as summarized below.

Contaminant	AL	MCLG*	90 th Percentile Value	Number of Sites Above AL	Range of Sample Results	Typical Source of Contaminant
Lead	15 parts per billion (ppb)	0	18 ppb	5	0 – 26 ppb	Corrosion of household plumbing systems; Service lines that may contain lead; Erosion of natural deposits
Copper	1.3 parts per million (ppm)	1.3	0.6 ppm	0	0 – 0.9 ppm	Corrosion of household plumbing systems; Erosion of natural deposits

*MCLG: Maximum contaminant level goal means the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

An AL exceedance is not a violation, but it triggers other requirements under the administrative rules promulgated under the Michigan Safe Drinking Water Act, 1976 PA 399, as amended (Act 399). Requirements include water quality parameter (WQP) monitoring, source water monitoring, corrosion control treatment, and public education (PE). Please refer to the "Timetable of Upcoming Requirements" for your specific deadlines for each of the following requirements.

Issue a Public Advisory (PA)

An amendment to Act 399 on March 29, 2017, requires a public water supply to issue a PA within three business days from the date of this letter to inform all persons served by the water system about the lead AL exceedance. Per our discussions, it is your intent to develop and distribute the PE materials within three business days to fulfill both the PA and PE requirements simultaneously. A template has already been provided to you. Please contact the Michigan Department of Environment, Great Lakes, and Energy (EGLE) if you plan to use broadcast media as your delivery method.

Ms. Sue Montenegro
Page 2
December 7, 2021

Deliver Consumer Notice of Lead and Copper Results

Thank you for completing this requirement timely.

Distribute PE

Sixty days from the date of this letter or sixty days after the end of the monitoring period that exceeded the AL, whichever is sooner, deliver PE materials to all consumers.

This material is intended to educate consumers about lead health effects, sources of lead, and steps to minimize exposure. Note that the PE material must include information about the following: the exceedance in your water supply, what you are doing to reduce lead levels, lead service lines in your distribution system, and the history of lead levels in your water supply. A template has already been provided to you.

A sample copy of the final PE material along with a PE distribution certification form must be submitted to EGLE no later than ten days after the PE is due. Repeat each year until the lead AL is no longer exceeded.

Conduct WQP Monitoring

You must continue collecting one set of WQP samples every two weeks from your entry point to the distribution system, TP001 (Iron Removal Treatment Plant Tap), and quarterly from two locations in the distribution system.

The WQP samples shall be analyzed for pH, alkalinity, calcium, conductivity, orthophosphate, chloride, sulfate, and temperature. Temperature and pH are field tests and should be completed at the time of sample collection.

If you use EGLE's laboratory, order bottles by calling 517-335-8184 or by downloading the form EQP 2301 *Bottle Order Form* from Michigan.gov/EGLELab. Click on Drinking Water. The tests are analyzed from one sample bottle per location. Request the analyses using the following test codes:

Test Code	Cost	Bottle Number	Test Description
CORR	\$51.00	33	Conductivity, Alkalinity, Phosphate, and Calcium
R	\$18.00	32,33	Chloride, Sulfate

Conduct Source Water Monitoring

Six months after the end of the monitoring period that exceeded the AL, collect one sample for lead and copper at your entry point to the distribution system, TP001 (Iron Removal Treatment Plant Tap). You completed this requirement on March 16, 2020. Repeat every third year until both lead and copper ALs are met during the entire three-year period.

Minimize Corrosion

Minimize lead and copper in drinking water by reducing corrosion of water pipes and household plumbing that contain lead and copper. This is your fifth AL exceedance. You currently feed a phosphate product for the purpose of corrosion control.

Ms. Sue Montenegro
Page 3
December 7, 2021

Since you have had corrosion control treatment and continue to exceed the AL for lead, submit a proposal for a corrosion control treatment change or a corrosion control treatment study plan within 30 days of this letter.

Lead and Copper Monitoring

To show the ALs can be met, collect a lead and copper sample from 20 sites between January 1 and June 30, 2022, and again between July 1 and December 31, 2022. These sites should be selected from your Lead and Copper Sampling Plan.

If you need to select new sites, choose the highest Tier criteria available within your distribution system, giving Tier 1 sites first priority. Document any changes on your Lead and Copper Sample Site Plan and submit it to your local district office email address. If you have Tier 1 or Tier 2 sites, i.e., sites with a lead service line, compliance sampling will require that you collect a first-liter and fifth-liter sample from each sampling location.

Within 30 days of learning of results, provide individual lead and copper tap results to people who receive water from sites that were sampled. Even if lead or copper was not detected, all monitoring, reporting, consumer notification, and EGLE certification requirements remain in effect.

Consumer Confidence Report (CCR)

Include this AL exceedance in your CCR, which is due to our office, your customers, and the local health department by July 1, 2022. You may use the table format from the first page of this letter.

Also, because the lead AL was exceeded, include the following health effects language:

Infants and children who drink water containing lead could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

Lead Service Line Replacement

Water supplies that exceed the lead AL in a compliance monitoring period and have corrosion control treatment must begin to replace lead service lines and galvanized service lines if the service line **is** or **was** connected to lead piping. The city of Leslie's preliminary distribution materials inventory (PDSMI) that was submitted to EGLE indicates that the city of Leslie has 103 services lines that contain lead, 75 service lines that contain galvanized previously connected to lead, and 120 service lines that likely contain lead. This means the city has an initial number of lines that meet the replacement requirement of 298. Seven percent of this initial number of service lines is 21 lines. The city of Leslie has until September 30, 2022, to complete this requirement.

As of June 14, 2018, Act 399 requires that all public water supplies conducting service line replacements shall replace the lead and galvanized iron pipe previously or currently

Ms. Sue Montenegro
Page 4
December 7, 2021

connected to lead portions of the service line at the water supply's expense. Additionally, partial replacements of service lines that contain lead, or galvanized iron pipe previously connected to lead, are banned unless in conjunction with an emergency repair. Service lines are defined as the pipe from the discharge of the corporation fitting to customer site piping or to the building plumbing at the first shut-off valve inside the building, or 18 inches inside the building, whichever is shorter.

What Happens Next?

If you can show that both lead and copper ALs are met in two consecutive six-month periods, then many of the requirements outlined in this letter will no longer apply.

Timetable of Upcoming Requirements

Complete By	Requirement	Comments
Within three business days	Distribute a PA	Distribute a PA to inform all persons served by the water supply of the lead AL exceedance. Distribution of the notice must be in a form and manner designed to fit the specific situation and must be reasonably calculated to reach all persons served by the public water supply.
Continue	Collect WQP samples (Entry point to the distribution system)	Collect one set of WQP samples every two weeks from the entry point to the distribution system, TP001 (Iron Removal Treatment Plant Tap). Analyze the samples for pH, alkalinity, calcium, conductivity, orthophosphate, chloride, sulfate, and temperature.
Continue	Collect WQP samples (Distribution system)	Collect one set of WQP samples from two locations in the distribution system quarterly. Analyze the samples for pH, alkalinity, calcium, conductivity, orthophosphate, chloride, sulfate, and temperature.
January 6, 2022	Submit a proposal for a corrosion control treatment change or a corrosion control treatment study plan.	Contact us for guidance on corrosion control options.
February 5, 2022	Perform PE activities including delivering PE materials to all consumers.	PE required activities are listed in enclosed template and checklist. Repeat every year until the lead AL is met in the most recent round of sampling.
February 15, 2022	Send us certification of PE compliance along with a sample copy of the materials delivered.	Sample certification enclosed. Required whenever PE required.
Between January 1 and June 30, 2022	Collect samples from 20 sites from the distribution system and have them analyzed for lead and copper.	Report the results to EGLE and deliver the consumer notice of individual lead and copper results using the downloadable <i>Lead and Copper Report and Consumer Notice of Lead and Copper Results Certificate</i> . Report due July 10, 2022.
Between January 1 and June 30, 2022	Collect WQP samples (Distribution system)	Collect one set of WQP samples from two locations in the distribution system quarterly. Analyze the samples for pH, alkalinity, calcium, conductivity, orthophosphate, chloride, sulfate, and temperature.
July 1, 2022	Report the 2021 AL exceedance in the CCR.	Specific lead health effects language must be included.
September 30, 2022	For the January through June 2022 monitoring, send EGLE certification of Consumer Notice of Lead and Copper results compliance along with a sample copy of the notice delivered.	Download <i>Lead and Copper Report and Consumer Notice of Lead and Copper Results Certificate</i> in Word or PDF format from Michigan.gov/LCR .

Ms. Sue Montenegro
Page 5
December 7, 2021

Complete By	Requirement	Comments
September 30, 2022	Replace seven percent of applicable service lines.	Replace a minimum of seven percent of applicable service lines.
Between July 1 and December 31, 2022	Collect samples from 20 sites from the distribution system and have them analyzed for lead and copper.	Report the results to EGLE and deliver the consumer notice of individual lead and copper results using the downloadable <i>Lead and Copper Report and Consumer Notice of Lead and Copper Results Certificate</i> . Report due January 10, 2023.
Between July 1 and December 31, 2022	Collect WQP samples (Distribution system)	Collect one set of WQP samples from two locations in the distribution system quarterly. Analyze the samples for pH, alkalinity, calcium, conductivity, orthophosphate, chloride, sulfate, and temperature.
March 31, 2023	For the July through December 2022 monitoring, send EGLE certification of Consumer Notice of Lead and Copper results compliance along with a sample copy of the notice delivered.	Download <i>Lead and Copper Report and Consumer Notice of Lead and Copper Results Certificate</i> in Word or PDF format from Michigan.gov/LCR .
March 31, 2023	Collect one lead and copper sample from each entry point to the distribution system, TP001 Iron Removal Plant.	Repeat every third year until both ALs are met for the whole three-year period.

We recognize that the Lead and Copper Rule is complex and may be confusing. We will continue to offer assistance in implementing these regulations. If you have any questions, please contact us at BoltJ@Michigan.gov; OnanB@Michigan.gov; or at the phone numbers provided below.

Sincerely,



Jeni Bolt, Environmental Quality Specialist
Lead and Copper Unit
Community Water Supply Section
Drinking Water and Environmental
Health Division
517-331-5161



Brandon Onan, Supervisor
Lead and Copper Unit
Community Water Supply Section
Drinking Water and Environmental
Health Division
616-307-6736

Enclosures (PA Checklist, PE Distribution Check, WQP report form, Tier Criteria)

cc/enc: Mr. Ron Bogart, City of Leslie

Ms. Linda Vail, Ingham County Health Department

Mr. Aaron Ward, Michigan Department of Health and Human Services

Mr. Mark Joseph, EGLE

Mr. Matt Sylvester, EGLE

Mr. Kyle Wolgamont, EGLE



For Immediate Release:

December 6, 2021

Contact the City Manager's Office at (517) 589-8236

Lead Action Level Exceedance

In 2018, the Michigan Safe Drinking Water Act (MSDWA) was changed to include more stringent procedures for testing and analysis for lead and copper. The new regulations are intended to have a more proactive approach in monitoring each community's lead and copper levels.

Since 1992, the City of Leslie, which has approximately 790 total water customers, including roughly 190 houses with lead service lines (or about 24%) that connect to the city's water main, has regularly tested for lead and copper. The MSDWA changed the sampling methodology to test the first and fifth liter, which effectively targets the water in the service line that connects the home to the water main at the street. The state lead standard is 15 parts per billion (ppb). The state requires cities whose testing exceeds the standard to provide a public education campaign advising homeowners of actions they can take to mitigate any lead that may come from their lead service lines.

In accordance with the MSDWA, Leslie tested 20 of the 190 houses with lead service lines. The testing under this method resulted in a 90th percentile of 18 ppb, one parts per billion above the state standard. Of these 20 houses with lead service lines, five houses showed levels above the state standard (15ppb), triggering a public advisory and public education campaign.

To start the public education process, the City has set up a dedicated webpage on its website at <https://www.cityofleslie.org/departments-public-works/pages/lead-testing-update> that features a host of information to further inform the public. The page includes steps the public can take to do home tests, as well as, learn about further resources with the State of Michigan and Ingham County Health Department.

The Ingham County Health Department is providing lead-reducing water filters to low-income households in the City of Leslie with children or pregnant women. Because children and fetuses are most at risk of harm to their health from lead, MDHHS recommends every household use a certified lead filter to reduce lead from their drinking water, especially households with a child, pregnant person, or individual with high blood pressure, or people residing in houses built before 1987. MDHHS also recommends making baby formula or cooking with filtered water. Bottled water could also be used for these activities.

All residents should clean their aerators and should flush water from their pipes for at least five minutes by running faucets, taking a shower, washing dishes, or doing a load of laundry.

If a household has a child under 18 years of age or pregnant woman and receives WIC benefits, Medicaid insurance, or cannot afford a water filter, they

can receive a free one (filters cost about \$35, and their replacement cartridges cost about \$15). Filters and filter replacement cartridges will be available at City Hall for distribution on December 13 & 14, 2021 and December 20 & 21, 2021 from 8:00 A.M. to 4:30 P.M. Please call the office at 517-589-8236 if you need to pick up filters outside of these hours. Please let us know if you are homebound and need filters brought to you.

The Michigan Department of Environment, Great Lakes and Energy or EGLE (formally the MDEQ) is the state department that evaluates compliance with the Action Level of all lead and copper results collected in each round of sampling. More information on their program can be accessed at www.michigan.gov/MILeadSafe.

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Action Exceedance was discussed by the Leslie City Council. Water filter distribution will be held at Leslie City Offices during normal business hours—residents can make arrangements outside of business hours if needed.

B. Rate Study.

Leslie City Council was presented a current rate study with Andy Campbell of Bakertilly Municipal Advisors.

CITY OF LESLIE (MICHIGAN) SEWER FUND
COMPARATIVE STATEMENT OF NET POSITION

	As of		
	6/30/2018	6/30/2019	6/30/2020
	(-----Per Audit-----)		
Assets			
Current assets:			
Cash	\$501,637	\$117,873	\$28,385
Restricted cash	130,835	151,802	172,694
Accounts receivable	84,645	79,704	94,530
Prepaid expenses	4,188	4,514	5,000
Total current assets	<u>721,305</u>	<u>353,893</u>	<u>300,609</u>
Property, plant and equipment:			
Land	3,060	3,060	3,060
Plant and equipment	<u>5,347,556</u>	<u>5,784,761</u>	<u>5,879,843</u>
	5,350,616	5,787,821	5,882,903
Less: accumulated depreciation	<u>(2,708,634)</u>	<u>(2,811,848)</u>	<u>(2,929,212)</u>
Total property, plant and equipment	<u>2,641,982</u>	<u>2,975,973</u>	<u>2,953,691</u>
Total Assets	<u>\$3,363,287</u>	<u>\$3,329,866</u>	<u>\$3,254,300</u>
Liabilities			
Current liabilities:			
Accounts payable	\$9,234	\$98,661	\$29,419
Accrued expenses	-	592	-
Accrued interest	5,908	5,798	5,683
Current portion of bonds payable	<u>24,000</u>	<u>25,000</u>	<u>26,000</u>
Total current liabilities	<u>39,142</u>	<u>130,051</u>	<u>61,102</u>
Noncurrent liabilities:			
Bonds payable	<u>1,265,000</u>	<u>1,240,000</u>	<u>1,214,000</u>
Total Liabilities	<u>1,304,142</u>	<u>1,370,051</u>	<u>1,275,102</u>
Net Position			
Invested in capital assets, net of related debt	1,352,982	1,710,973	1,713,691
Restricted	124,927	146,004	167,011
Unrestricted	<u>581,236</u>	<u>102,838</u>	<u>98,496</u>
Total Net Position	<u>2,059,145</u>	<u>1,959,815</u>	<u>1,979,198</u>
Total Liabilities and Net Position	<u>\$3,363,287</u>	<u>\$3,329,866</u>	<u>\$3,254,300</u>

Draft 12/07/2021

CITY OF LESLIE (MICHIGAN) SEWER FUND

COMPARATIVE STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

	Fiscal Year Ended		
	6/30/2018	6/30/2019	6/30/2020
	(-----Per Audit-----)		
Operating Revenues			
Charges for services	\$383,310	\$386,346	\$362,257
Rental income	(8,390)	8,390	20,779
Tap-in and turn-on fees	6,060	80	1,720
Penalties	8,173	8,325	7,457
Grants and contributions	16,657	20,347	-
Total operating revenues	405,810	423,488	392,213
Operating Expenses			
Operating expenses	501,914	497,835	555,718
Net operating income (loss)	(96,104)	(74,347)	(163,505)
Non-operating Revenues (Expenses)			
Interest income	8,043	10,355	2,684
Interest expense	(35,998)	(35,338)	(34,673)
Gain (loss) on disposal of fixed assets	-	-	-
Transfers in	-	-	214,877
Total non-operating revenues (expenses)	(27,955)	(24,983)	182,888
Net Income (Loss)	(124,059)	(99,330)	19,383
Net position, beginning of year	2,183,204	2,059,145	1,959,815
Net position, end of year	\$2,059,145	\$1,959,815	\$1,979,198

CITY OF LESLIE (MICHIGAN) SEWER FUND

COMPARATIVE DETAIL OF OPERATING EXPENSES

		Fiscal Year Ended				Test Year	Multiplier
		6/30/2019	6/30/2020	6/30/2021	6/30/2022		
		(-----Per Budget-----)					
Operating Expenses							
Dept 528 - Sewer Plant							
590-528-703.000	Salaries/Wages	\$21,939	\$77,763	\$75,574	\$90,000	\$90,000	2.0%
590-528-714.000	FICA expenses	5,000	8,487	9,447	9,000	9,000	2.0%
590-528-703.000	Fringe	8,629	4,000	6,439	8,629	8,629	2.0%
590-528-714.000	Supplies	10,000	16,898	17,709	10,000	20,000	1.0%
590-528-720.000	Contracted services	18,750	30,283	45,858	25,000	50,000	1.0%
590-528-744.000	Insurance	6,386	6,517	6,361	6,300	6,300	1.0%
590-528-810.000	Utilities sewer plant	50,000	45,465	60,244	30,000	60,000	1.0%
590-528-912.000	Equipment rental	5,000	462	897	3,000	3,000	1.0%
590-528-940.000	Miscellaneous	5,000	68	-	1,000	1,000	1.0%
590-528-959.000	Training	5,500	2,032	310	3,000	3,000	1.0%
590-528-980.000	Depreciation	-	-	-	-	-	0.0%
590-528-970.000	Capital expenditures	200,000	37,925	40,745	-	-	0.0%
Total Sewer Plant expenses		365,224	249,902	263,583	185,929	250,929	
Dept 529 - Sewer Collection							
590-529-703.000	Salaries/Wages	27,146	34,671	30,084	41,079	41,079	2.0%
590-529-714.000	FICA expenses	3,083	2,555	2,178	3,000	3,000	2.0%
590-529-720.000	Fringe	13,332	17,878	19,184	13,000	20,000	2.0%
590-529-744.000	Supplies	10,000	3,813	1,848	7,000	7,000	1.0%
590-529-810.000	Contracted services	73,130	86,818	98,694	40,000	75,000	1.0%
590-529-912.000	Insurance	2,060	772	625	1,000	1,000	1.0%
590-529-940.000	Equipment rental	5,150	4,860	-	3,500	3,500	1.0%
590-529-959.000	Miscellaneous	515	-	-	500	500	1.0%
590-529-980.000	Training	1,500	1,314	-	1,500	1,500	1.0%
590-529-980.000	Depreciation	-	-	-	- [1]	-	0.0%
591-536-970.000	Capital expenditures	100,000	5,772	3,353	15,000	15,000	0.0%
Total Sewer Collection expenses		215,916	158,453	155,965	125,579	167,579	
Dept 558 - Administrative							
590-558-985.010	Admin support	30,000	30,000	30,000	32,500	32,500	0.0%
590-558-993.011	2012 WWTP debt service -prin	-	-	-	- [2]	-	0.0%
590-558-995.000	Interest on bond debt	-	-	-	- [2]	-	0.0%
590-558-999.002	Transfer to RRI - 2021 WWTP	-	-	-	-	-	0.0%
Total Administrative expenses		30,000	30,000	30,000	32,500	32,500	
Total Operating Expenses		\$671,140	\$438,356	\$449,548	\$344,008	\$451,008	

[1] Depreciation is removed from this report as this study is performed on the cash basis.

[2] Debt payments are removed from this section of the report. This item is discussed later in the report.

CITY OF LESLIE (MICHIGAN) SEWER FUND

**SCHEDULE OF AMORTIZATION OF \$1,214,000 PRINCIPAL AMOUNT OUTSTANDING
OF 2012 USDA REVENUE BONDS**

Payment Date	Principal Balance (In Dollars)	Interest Rate (%)	Debt Service			Fiscal Year Total
			Principal	Interest	Total	
			(-----In Dollars-----)			
11/01/21	\$1,214,000			\$16,692.50	\$16,692.50	
05/01/22	1,214,000	2.750	\$26,000	16,692.50	42,692.50	\$59,385.00
11/01/22	1,188,000			16,335.00	16,335.00	
05/01/23	1,188,000	2.750	27,000	16,335.00	43,335.00	59,670.00
11/01/23	1,161,000			15,963.75	15,963.75	
05/01/24	1,161,000	2.750	28,000	15,963.75	43,963.75	59,927.50
11/01/24	1,133,000			15,578.75	15,578.75	
05/01/25	1,133,000	2.750	29,000	15,578.75	44,578.75	60,157.50
11/01/25	1,104,000			15,180.00	15,180.00	
05/01/26	1,104,000	2.750	29,000	15,180.00	44,180.00	59,360.00
11/01/26	1,075,000			14,781.25	14,781.25	
05/01/27	1,075,000	2.750	30,000	14,781.25	44,781.25	59,562.50
11/01/27	1,045,000			14,368.75	14,368.75	
05/01/28	1,045,000	2.750	31,000	14,368.75	45,368.75	59,737.50
11/01/28	1,014,000			13,942.50	13,942.50	
05/01/29	1,014,000	2.750	32,000	13,942.50	45,942.50	59,885.00
11/01/29	982,000			13,502.50	13,502.50	
05/01/30	982,000	2.750	33,000	13,502.50	46,502.50	60,005.00
11/01/30	949,000			13,048.75	13,048.75	
05/01/31	949,000	2.750	34,000	13,048.75	47,048.75	60,097.50
11/01/31	915,000			12,581.25	12,581.25	
05/01/32	915,000	2.750	35,000	12,581.25	47,581.25	60,162.50
11/01/32	880,000			12,100.00	12,100.00	
05/01/33	880,000	2.750	36,000	12,100.00	48,100.00	60,200.00
11/01/33	844,000			11,605.00	11,605.00	
05/01/34	844,000	2.750	37,000	11,605.00	48,605.00	60,210.00
11/01/34	807,000			11,096.25	11,096.25	
05/01/35	807,000	2.750	38,000	11,096.25	49,096.25	60,192.50
11/01/35	769,000			10,573.75	10,573.75	
05/01/36	769,000	2.750	39,000	10,573.75	49,573.75	60,147.50
11/01/36	730,000			10,037.50	10,037.50	
05/01/37	730,000	2.750	40,000	10,037.50	50,037.50	60,075.00
11/01/37	690,000			9,487.50	9,487.50	
05/01/38	690,000	2.750	41,000	9,487.50	50,487.50	59,975.00
11/01/38	649,000			8,923.75	8,923.75	
05/01/39	649,000	2.750	42,000	8,923.75	50,923.75	59,847.50
11/01/39	607,000			8,346.25	8,346.25	
05/01/40	607,000	2.750	43,000	8,346.25	51,346.25	59,692.50
11/01/40	564,000			7,755.00	7,755.00	
05/01/41	564,000	2.750	44,000	7,755.00	51,755.00	59,510.00

Draft 12/07/2021

CITY OF LESLIE (MICHIGAN) SEWER FUND

CASH FLOW ANALYSIS

	2021/22	One-Time Increase	2022/23
Assumptions			
Meter equivalents billed	1,046		1,046
Ready-to-serve charge - quarter	\$51.40	\$10.35	\$61.75
Billable flow (1,000 gal)	36,121		34,621
Usage charge (per 1,000 gal)	\$4.43	\$4.57	\$9.00
<i>Typical City homeowner's quarterly bill (assumes 13,500 gallons/quarter)</i>	<i>\$111.21</i>		<i>\$183.25</i>
Revenues			
Ready-to-serve charge	\$215,119		\$258,436
Usage charge	160,017		311,592
Penalties	7,500		7,500
Other	1,000		1,000
Total revenues	383,637		578,528
Less: Total operating expenditures	(451,008)		(456,760)
Net operating revenue	(67,371)		121,768
Less: Current debt service payments	(59,385)		(59,670)
Estimated cash-funded capital improvements	-		-
Estimated debt service #1 2023/24 Bonds [1]	-		-
Net cash flow	(\$126,756)		\$62,098
Cash & Investments [2]	\$80,343	(\$46,414)	\$15,684
Less: Estimated Debt Service Reserves [3]	(1,592)	(1,592)	(1,592)
Unrestricted/RRI Cash & Investments	\$78,751	(\$48,006)	\$14,092

- [1] Estimated debt service payments based on a \$7,282,000 40-year bond issue at the current USDA intermediate rate of
[2] Includes unrestricted, RRI and bond reserve funds.
[3] Accumulated.

CITY OF LESLIE (MICHIGAN) SEWER FUND

(Continued)

**SCHEDULE OF AMORTIZATION OF \$1,214,000 PRINCIPAL AMOUNT OUTSTANDING
OF 2012 USDA REVENUE BONDS**

Payment Date	Principal Balance (In Dollars)	Interest Rate (%)	Debt Service			Fiscal Year Total
			Principal	Interest	Total	
			(-----In Dollars-----)			
11/01/41	520,000			7,150.00	7,150.00	
05/01/42	520,000	2.750	45,000	7,150.00	52,150.00	59,300.00
11/01/42	475,000			6,531.25	6,531.25	
05/01/43	475,000	2.750	47,000	6,531.25	53,531.25	60,062.50
11/01/43	428,000			5,885.00	5,885.00	
05/01/44	428,000	2.750	48,000	5,885.00	53,885.00	59,770.00
11/01/44	380,000			5,225.00	5,225.00	
05/01/45	380,000	2.750	49,000	5,225.00	54,225.00	59,450.00
11/01/45	331,000			4,551.25	4,551.25	
05/01/46	331,000	2.750	51,000	4,551.25	55,551.25	60,102.50
11/01/46	280,000			3,850.00	3,850.00	
05/01/47	280,000	2.750	52,000	3,850.00	55,850.00	59,700.00
11/01/47	228,000			3,135.00	3,135.00	
05/01/48	228,000	2.750	53,000	3,135.00	56,135.00	59,270.00
11/01/48	175,000			2,406.25	2,406.25	
05/01/49	175,000	2.750	55,000	2,406.25	57,406.25	59,812.50
11/01/49	120,000			1,650.00	1,650.00	
05/01/50	120,000	2.750	56,000	1,650.00	57,650.00	59,300.00
11/01/50	64,000			880.00	880.00	
05/01/51	64,000	2.750	58,000	880.00	58,880.00	59,760.00
11/01/51	6,000			82.50	82.50	
05/01/52	6,000	2.750	6,000	82.50	6,082.50	6,165.00
	Totals		\$1,214,000	\$586,492.50	\$1,800,492.50	\$1,800,492.50

Item 7

Citizen Comments and Questions

Chelsea Cox

Item 8

Adjournment

Moved by Doane, seconded by Fox to adjourn.

Time: 8:45 pm.



Clerk Chelsea Cox