



CITY OF LESLIE

602 W. Bellevue • P.O. Box 496 • Leslie, MI 49251-0496
Phone: 517-589-8236 • Fax: 517-878-6868 • Web Site: www.cityofleslie.org

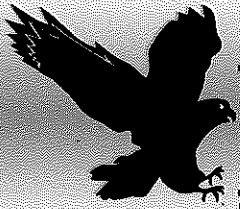
**LESLIE COUNCIL SPECIAL MEETING
7:00 PM WEDNESDAY, DECEMBER 15, 2021
LESLIE CITY HALL, 602 W. BELLEVUE STREET**

A special meeting for the purpose of:

- **swearing in John Wayne Stewart as new councilmember to fill vacant two-year council seat**
- **discuss recent action level exceedance for lead and copper and public notice/education/filter distribution**
- **discuss new rate study for the USDA loan/grant.**

AGENDA

- A. Meeting called to order by Mayor Johnson
- B. Clerk Cox will administer the Oath of Office to John Wayne Stewart.
- C. Roll Call.
- D. Pledge of Allegiance.
- E. Approval of The Agenda.
- F. Public Comment.
- G. Rate Study.
- H. Motion to Adjourn.



Futures taking flight
LESLIE
Public Schools

4141 Hull Road
Leslie, MI 49251
Phone 517/589-8200
Fax 517/589-5340
www.lesliek12.net

December 8, 2021

Dear John Wayne Stewart,

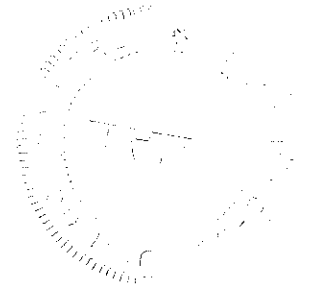
With your recent resignation from the Board, I wanted to thank you for your twelve years of service. Your leadership and wisdom has been greatly appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Powers", written over a horizontal line.

Scott Powers
Superintendent
Leslie Public Schools

Resignation effective December 8, 2021





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.

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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

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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

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 .

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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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City of Leslie – The Place to Be.

Visit the city's web site at www.cityofleslie.org

IMPORTANT INFORMATION ABOUT LEAD IN YOUR DRINKING WATER

THE CITY OF LESLIE HAS EXCEEDED THE ACTION LEVEL FOR LEAD. Lead can cause serious health and development problems, especially for pregnant women and young children. Please read this information closely to see what you can do to reduce lead in your drinking water.

This notice is brought to you by the City of Leslie.

Water Supply Serial Number: 3840

Distribution Date: December 6, 2021

Health Effects of Lead

Lead can cause serious health and development problems. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development. Although other sources of lead exposure exist, such as lead paint, and lead contaminated dust, the City of Leslie is contacting you to reduce your risk of exposure to lead in drinking water. If you have questions about other sources of lead exposure, please contact the Ingham County Health Department at (517) 887-4517.

Sources of Lead

Lead is a common metal found in the environment. Drinking water is one possible source of lead exposure due to the widespread use of lead in plumbing materials. EPA estimates that drinking water can make up 20 percent or more of a person's potential exposure to lead. Infants who consume mostly mixed formula can receive 40 percent to 60 percent of their exposure to lead from drinking water.

The action level is 15 parts per billion (ppb) for lead and 1.3 parts per million (ppm) for copper. The action level is a measure of corrosion control effectiveness. It is not a health-based standard. To meet the requirements of the Lead and Copper Rule, 90 percent of the samples collected must be below the action level. The following table summarizes the lead and copper data collected during the most recent monitoring period:

Most Recent Sampling Information

Action Levels	90 th Percentile Value	Range of results (minimum-maximum)	# of samples used for 90 th Percentile
Lead 15 parts per billion (ppb)	18 ppb	0 - 26 ppb	20
Copper 1.3 parts per million (ppm)	0.6 ppm	0.0 – 0.9 ppm	20

Lead can enter drinking water when pipes, solder, home/building interior plumbing, fittings and fixtures that contain lead corrode. Corrosion is the dissolving, or wearing away, of metal caused by a chemical reaction between water and your plumbing. Several factors affect the amount of lead that enters the water, including the water quality characteristics (acidity and alkalinity), the amount of lead in the pipes, plumbing and/or fixtures, and the frequency of water use in the home.

Some plumbing products such as service lines, pipes and fixtures may contain lead. The infographic below demonstrates where sources of lead in drinking water could be in your home. Older homes may have more lead unless the service line and/or plumbing has been replaced. Homes built...

- **Before the 1960s** are more likely to have lead service lines, lead pipes, fixtures, and/or solder that contain lead.
- **Before 1988** are likely to have fixtures and/or solder that contains lead.
- **Between 1996 and 2014** are likely to have fixtures that contain up to eight percent lead but were labelled “lead-free.”
- **In 2014 or later** still have potential lead exposure. “Lead free” was redefined to reduce lead content to a maximum of 0.25 percent lead in fixtures and fittings. Fixtures that are certified to meet NSF Standard 61 meet this more restrictive definition of “lead free.”

Leaded solder and leaded fittings and fixtures are still available in stores to use for non-drinking water applications. Be careful to select the appropriate products for repairing or replacing drinking water plumbing in your home.

Galvanized plumbing can be a potential source of lead. Galvanized plumbing can absorb lead from upstream sources like a lead service line. Even after the lead service line has been removed, galvanized plumbing can continue to release lead into drinking water over time. Homes that are served by a lead service line should consider replacing galvanized plumbing inside the home.

Drinking water is only one source of lead exposure. Other common sources of lead exposure are lead-based paint, and lead-contaminated dust or soil. Because lead can be carried on hands, clothing, and/or shoes, sources of exposure to lead can include the workplace and certain hobbies. Wash your children’s hands and toys often as they can come in contact with dirt and dust containing lead. In addition, lead can be found in certain types of pottery, pewter, food, and cosmetics. If you have questions about other sources of lead exposure, please contact the Ingham County Health Department at (517) 887-4517.

Particulate Lead

Lead results can vary between tests. A single test result is not a reliable indicator of drinking water safety. Two different types of lead can be present in drinking water, soluble lead and particulate lead. Soluble lead is lead that dissolves because of a chemical reaction between water and plumbing that contains lead. Particulate lead is dislodged scale and sediment released into the water from the sides of the plumbing and can vary greatly between samples. Disturbances, such as replacing a water meter, construction and excavation activities, or home plumbing repairs can cause particulates to shake free from inside pipes and plumbing. Particulate lead is a concern because the lead content can be very high. Lead particulate could be present in a single glass of water, but not present in water sampled just before or after. During construction, monthly aerator cleaning and using a filter certified to reduce lead are recommended to reduce particulate lead exposure.

Check whether your home has a lead service line.

Homes with lead service lines have an increased risk of having high lead levels in drinking water. Please contact the City of Leslie for more information about your home’s service line.

Steps You Can Take to Reduce Your Exposure to Lead in Your Water

1. **Run your water to flush out lead.** The more time water has been sitting in your home’s pipes, the more lead it may contain. Therefore, if your water has not been used for several hours, run the water before using it for drinking or cooking. This flushes lead-containing water from the pipes.

- If you **do not** have a lead service line, run the water for 30 seconds to two minutes, or until it becomes cold or reaches a steady temperature.
- If you **do** have a lead service line, run the water for at least five minutes to flush water from both the interior building plumbing and the lead service line.

Additional flushing may be required for homes that have been vacant or have a longer service line. Your water utility can help you determine if longer flushing times are needed.

2. Use cold filtered water for drinking and cooking. Do not cook with or drink water from the hot water tap; lead dissolves more easily into hot water.

3. Use cold filtered water for preparing baby formula. Do not use water from the hot water tap to make baby formula. MDHHS recommends using bottled water or a filter certified to reduce lead to prepare baby formula.

4. Do not boil water to remove lead. Boiling water will not reduce lead levels.

5. Consider using a filter to reduce lead in drinking water. 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.



System Tested and Certified by NSF International against NSF/ANSI Standard 53 for the reduction of Lead.

Look for filters that are tested and certified to NSF/ANSI Standard 53 for lead reduction and NSF/ANSI Standard 42 for particulate reduction (Class I). Some filter options include a pour-through pitcher or faucet-mount systems. If the label does not specifically mention lead reduction, check the Performance Data Sheet included with the device. Be sure to

maintain and replace the filter device in accordance with the manufacturer's instructions to protect water quality. If your household has a child or pregnant woman and are not able to afford the cost of a lead filter, please contact the Ingham County Health Department (517) 887- 4517.

6. Consider purchasing bottled water. The Food and Drug Administration (FDA) regulates bottled water. The bottled water standard for lead is 5 ppb.

7. Get your child tested. Contact your local health department or healthcare provider to find out how you can get your child tested for lead if you are concerned about exposure. Please call the Ingham County Health Department at (517) 887-4517.

8. Identify older plumbing fixtures that likely contain lead. Older faucets, fittings, and valves sold before 2014 may contain higher levels of lead, even if marked "lead-free." Faucets, fittings, and valves sold after January 2014 are required to meet a more restrictive "lead-free" definition but may still contain up to 0.25 percent lead. When purchasing new plumbing materials, it is important to look for materials that are certified to meet NSF standard 61. The EPA prepared a brochure that explains the various markings that can indicate that materials meet the new "lead free" definition:

<https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockkey=P100LVYK.txt>

9. Clean your aerator. The aerator on the end of your faucet is a screen that will catch debris. This debris could include particulate lead. The aerator should be removed at least every six months to rinse out any debris.

10. Test your water for lead. Call us at (517) 589-8236 to find out how to get your water tested for lead. To have your drinking water tested for lead, you can contact EGLE for a list of laboratories certified for lead and copper testing or visit their website at www.michigan.gov/EGLElab.

What Happened? What is Being Done?

The state-wide testing criteria for lead and copper for the State of Michigan changed in 2018. Two samples (a 1st liter and 5th liter) are required from each testing location that has a lead service line.

The City of Leslie does have lead packed joints in some of its mains and service lines. Lead can enter drinking water when it is in contact with pipes, solder, home/building interior plumbing, fittings and fixtures that contain lead. The City of Leslie does employ corrosion control treatment to reduce lead leaching.

The City is in the process of inventorying all service lines that connect from the main directly to a residence or business within the City's water system to enable us to identify lines that we suspect may contain lead. The City has developed a plan to actively pursue replacing lead service lines throughout the city. This work will be accomplished through the following initiatives:

1. In conjunction with street construction and/or isolated water main replacements projects.
2. Assessing and adjusting corrosion control processes.
3. Planned replacements at locations that exceed action level parameters, and where lead or galvanized water service lines exist.
4. Effective 2021, the State mandates Michigan communities to replace Lead Service Lines (LSL) at an average of 5% of the total number identified per year until 100%. The City of Leslie has been actively replacing lead service lines each year with 25 lead service lines replace in 2021.

Every year the City of Leslie conducts testing of tap water in homes for lead and copper. In September, we collected samples from twenty (20) homes. Five (5) homes were above the Action Level for lead.

If you are a City of Leslie water customer and would like your service line inspected or would like to have your drinking water tested for lead, contact the Department of Public Works at (517) 589-5115. The City will be providing testing and filters for any home with a lead or galvanized service line and lead levels over 15 parts per billion. If your household has a child or pregnant woman and are not able to afford the cost of a lead filter, please contact the Ingham County Health Department at (517) 887-4517.

For More Information

Call us at (517) 589-8236 or visit our website at <https://www.cityofleslie.org/department-public-works/pages/lead-testing-update> or www.michigan.gov/MiLeadSafe. For more information on reducing lead exposure around your home/building and the health effects of lead, visit EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your healthcare provider.

Is it OK to use lead-containing water to wash my hands?

Yes! Human skin does not easily absorb lead from water.



Even if you have lead in your drinking water, you can wash your hands with water that is not filtered or flushed.

Public Health advises residents to wash hands often and for at least 20 seconds with soap and water to help prevent the spread of coronavirus (COVID-19).

You can use water that has not been filtered or flushed for:

- Showering or bathing (avoid swallowing the water)
- Washing hands, dishes, or clothes
- Cleaning

To learn more please visit, Michigan.gov/coronavirus or Michigan.gov/MiLeadSafe

CONCERNED ABOUT LEAD IN YOUR DRINKING WATER?

Sources of **LEAD** in Drinking Water



CITY OF LESLIE (MICHIGAN) SEWER FUND

COMPARATIVE STATEMENT OF NET POSITION

	As of		
	<u>6/30/2018</u>	<u>6/30/2019</u>	<u>6/30/2020</u>
	(-----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	5,347,556	5,784,761	5,879,843
	<u>5,350,616</u>	<u>5,787,821</u>	<u>5,882,903</u>
Less: accumulated depreciation	(2,708,634)	(2,811,848)	(2,929,212)
Total property, plant and equipment	<u>2,641,982</u>	<u>2,975,973</u>	<u>2,953,691</u>
 Total Assets	 <u><u>\$3,363,287</u></u>	 <u><u>\$3,329,866</u></u>	 <u><u>\$3,254,300</u></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	24,000	25,000	26,000
Total current liabilities	<u>39,142</u>	<u>130,051</u>	<u>61,102</u>
Noncurrent liabilities:			
Bonds payable	1,265,000	1,240,000	1,214,000
 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	581,236	102,838	98,496
 Total Net Position	 <u>2,059,145</u>	 <u>1,959,815</u>	 <u>1,979,198</u>
 Total Liabilities and Net Position	 <u><u>\$3,363,287</u></u>	 <u><u>\$3,329,866</u></u>	 <u><u>\$3,254,300</u></u>

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	-
	<hr/>	<hr/>	<hr/>
Total operating revenues	405,810	423,488	392,213
	<hr/>	<hr/>	<hr/>
Operating Expenses			
Operating expenses	501,914	497,835	555,718
	<hr/>	<hr/>	<hr/>
Net operating income (loss)	(96,104)	(74,347)	(163,505)
	<hr/>	<hr/>	<hr/>
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
	<hr/>	<hr/>	<hr/>
Total non-operating revenues (expenses)	(27,955)	(24,983)	182,888
	<hr/>	<hr/>	<hr/>
Net Income (Loss)	(124,059)	(99,330)	19,383
	<hr/>	<hr/>	<hr/>
Net position, beginning of year	2,183,204	2,059,145	1,959,815
	<hr/>	<hr/>	<hr/>
Net position, end of year	<u>\$2,059,145</u>	<u>\$1,959,815</u>	<u>\$1,979,198</u>

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	\$52,959	\$77,765	\$75,574	\$90,000	\$90,000	2.0%
590-528-714.000	FICA expense	5,000	8,487	9,447	9,000	9,000	2.0%
590-529-703.000	Fringes	8,629	4,000	6,439	8,629	8,629	2.0%
590-529-714.000	Supplies	10,000	16,898	17,709	10,000	20,000	1.0%
590-529-720.000	Contracted services	18,750	50,283	45,858	25,000	50,000	1.0%
590-529-744.000	Insurance	6,386	6,517	6,361	6,300	6,300	1.0%
590-529-810.000	Utilities sewer plant	50,000	45,465	60,244	30,000	60,000	1.0%
590-529-912.000	Equipment rental	5,000	462	897	3,000	3,000	1.0%
590-529-940.000	Miscellaneous	5,000	68	-	1,000	1,000	1.0%
590-529-959.000	Training	3,500	2,032	310	3,000	3,000	1.0%
590-529-960.000	Depreciation	-	-	-	-	-	0.0%
590-529-970.000	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 expense	3,083	2,555	2,178	3,000	3,000	2.0%
590-529-720.000	Fringes	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%
590-529-960.000	Training	1,500	1,314	-	1,500	1,500	1.0%
590-529-968.000	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	235,916	158,453	155,965	125,579	167,579	
Dept 558 - Administrative							
590-558-965.010	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	\$631,140	\$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

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			<u>\$1,214,000</u>	<u>\$586,492.50</u>	<u>\$1,800,492.50</u>	<u>\$1,800,492.50</u>

CITY OF LESLIE (MICHIGAN) SEWER FUND

CASH FLOW ANALYSIS

	<u>2021/22</u>	<u>One-Time Increase</u>	<u>2022/23</u>
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>	\$111.21		\$183.25
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	<u>383,637</u>		<u>578,528</u>
Less: Total operating expenditures	<u>(451,008)</u>		<u>(456,760)</u>
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	<u>(\$126,756)</u>		<u>\$62,098</u>
<i>Cash & Investments [2]</i>	\$80,343	(\$46,414)	\$15,684
<i>Less: Estimated Debt Service Reserves [3]</i>	(1,592)	(1,592)	(1,592)
<i>Unrestricted/RRI Cash & Investments</i>	<u>\$78,751</u>	<u>(\$48,006)</u>	<u>\$14,092</u>

[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.

LESLIE, MI 49251-0496

Service Address: 304 ARMSTRONG ST

(517) 589-8236
FINANCE@CITYOFLESLIE.ORG

Account Number: ARMS-000304-0000-01

UTILITY BILL

Amount Due Prior to Due Date:

\$220.60

Payment Due By:

11/01/2021

Amount Due After Due Date:

\$264.72

FANCHER, CARRIE
P.O. BOX 572
LESLIE, MI 49251

PAYMENT MUST BE RECEIVED BY 4:30 ON DUE DATE
Please allow 5 days for mail to reach this office
Please Detach and Return This Part With Your Payment



Keep This Statement For Your Records

Service Address: 304 ARMSTRONG ST
Account Number: ARMS-000304-0000-01

Service Date: From 07/01/2021
To 09/30/2021

Description	Amount
Previous Balance	\$0.00
Water	\$57.84
Sewer x 12000 gallons x 9.00 per 1,000	108.00 \$53.16
RS	61.75 \$51.40
RW	\$58.20

288.04

FALL CLEAN UP 10-09-21
151 COMMERCIAL DR.

TOTAL DUE **\$220.60**

8AM - NOON

DUE DATE **11/01/2021**

SO \$22,48 more per month

20% late fee charged on accounts not paid by DUE DATE.
If due date falls on a weekend or holiday, payments accepted on next business day.