



12588 Marsh Road
Shelbyville, MI 49344
269.672.5588

Lab ID	Date Sampled	Location	Test Result
50291900001	7/8/2021	12703 Valley	< 1.0 ppb
50291900002	7/8/2021	12759 Valley	2.3 ppb
50291900003	7/8/2021	12985 Valley	< 1.0 ppb
50291900005	7/8/2021	1717 Edwin	< 1.0 ppb
50291900006	7/8/2021	12371 Bayview	< 1.0 ppb
50291900007	7/8/2021	1899 Archwood Dr.	< 1.0 ppb
50291900008	7/8/2021	1771 Edwin	< 1.0 ppb
50291900009	7/8/2021	1425 S. Payne Lake	1.6 ppb
50291900010	7/8/2021	1624 Parker	< 1.0 ppb
50294006001	8/2/2021	12701 Valley	< 1.0 ppb
90 percentile			1.6 ppb
Average			1.2 ppb
Maximum			2.3 ppb

Copper - Action Level \geq 1300			
Lab ID	Date Sampled	Location	Test Result
50291900001	7/8/2021	12703 Valley	66.0 ppb
50291900002	7/8/2021	12759 Valley	76.5 ppb
50291900003	7/8/2021	12985 Valley	56.1 ppb
50291900005	7/8/2021	1717 Edwin	50.0 ppb
50291900006	7/8/2021	12371 Bayview	61.0 ppb
50291900007	7/8/2021	1899 Archwood Dr.	8.7 ppb
50291900008	7/8/2021	1771 Edwin	50.6 ppb
50291900009	7/8/2021	1425 S. Payne Lake	37.2 ppb
50291900010	7/8/2021	1624 Parker	54.1 ppb
50294006001	8/2/2021	12701 Valley	32.7 ppb
90 percentile			66 ppb
Average			49.3 ppb
Maximum			76.5 ppb



**LEAD AND COPPER REPORT AND
CONSUMER NOTICE FOR COMMUNITY WATER SUPPLY
Form B – Supplies WITHOUT Lead Service Lines**

Issued under authority of the Michigan Safe Drinking Water Act, 1976 PA 399,
as amended (Act 399), MCL 325.1001 et seq., and the Administrative Rules.

Failure to submit this information is a violation of Act 399 and may subject the water supply to enforcement penalties.

Administrative Rule R 325.10710d requires water supplies to report lead and copper monitoring information within ten days after the end of the monitoring period. This form may be used to meet this requirement. Form instructions are available on pages 6 – 7. Submit the information to the appropriate Michigan Department of Environment, Great Lakes, and Energy (EGLE) district office.

1. Supply Name: Yankee Springs Township Water System
2. County: Barry 3. WSSN: 7231
4. Population: <1000 5. Monitoring Period: From: 7/7/21 To: 8/2/21
6. Minimum # of Samples Required: 11 7. # of Samples Taken: 11
8. Name of Certified Laboratory: Pace Analytical

9. SAMPLE CRITERIA:

This form is for water supplies collecting ALL lead and copper samples from sites WITHOUT lead service lines. If samples are collected at sites with lead service lines, use Form A.		
Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are ALL samples from sites WITHOUT lead service lines? If no, STOP and use Form A to allow for reporting of 1 st and 5 th liter results.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Did you prioritize sample collection according to the following: <ul style="list-style-type: none"> • Tier 1 sites must be used unless insufficient Tier 1 sites available. • If insufficient Tier 1 sites available, then Tier 2 sites must be used. • If insufficient Tier 2 sites, then Tier 3 sites must be used. • If no Tier 1, 2, or 3 sites are available, sites must be representative of plumbing materials typically found throughout the water system.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Were the same sampling sites used as in the previous monitoring period? If no, explain (attach additional pages if needed): A few sites have changed ownership or weren't willing to participate.
Comments:		

For more information see *Instructions* item 11 "Tier and Sample Category" at the end of the document.

10. SIGNATURE:

Name: Larry Knowles Signature:
Title: Director Phone: (269) 672-5588 Date: 8/10/2021



11. TAP SAMPLING DATA

Use additional sheets as needed. Sheet 1 of 1 .

Water Supply Name: **Yankee Springs Township Water System** WSSN: **7231**

Sample Location	Sample Date	Tier (1,2,3,OT) ¹	Category (see below) ²	Service Line (C,G,P) ³	Building Plumbing (L,CLS,C,G,P) ³	Tap Type (K,B) ⁴	Lead		Copper		Lab Sample Number
							<input type="checkbox"/> mg/L <input checked="" type="checkbox"/> ug/L	<input type="checkbox"/> mg/L <input checked="" type="checkbox"/> ug/L	<input type="checkbox"/> mg/L <input checked="" type="checkbox"/> ug/L	<input type="checkbox"/> mg/L <input checked="" type="checkbox"/> ug/L	
12703 Valley Dr.	7/8/21	3	F	C	CLS	K	<1.0		66.0		50291900001
12759 Valley Dr.	7/8/21	3	F	C	CLS	B	2.3		76.5		50291900002
12985 Valley Dr.	7/8/21	3	F	C	CLS	K	<1.0		56.1		50291900003
12489 M-179	7/8/21	OT	B	C	CLS	O	30.6		51.2		50291900004
1717 Edwin Dr.	7/8/21	3	F	C	CLS	K	<1.0		50.0		50291900005
12371 Bayview Dr.	7/8/21	3	F	C	CLS	K	<1.0		61.0		50291900006
1899 Archwood Dr.	7/8/21	3	F	C	CLS	K	<1.0		8.7		50291900007
1771 Edwin Dr.	7/8/21	3	F	C	CLS	K	<1.0		50.6		50291900008
1425 S. Payne Lake Rd.	7/8/21	3	F	C	CLS	K	1.6		37.2		50291900009
1624 Parker Dr.	7/8/21	3	F	C	CLS	K	<1.0		54.1		50291900010
12701 Valley Dr.	8/2/2021	3	F	C	CLS	K	<1.0		32.7		50294006001

¹ Tier	² Category	Description	¹ Tier	² Category	Description	³ Material	⁴ Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or building w/ lead service line	L = Lead CLS = Copper with lead solder (building plumbing only) C = Copper G = Galvanized P = Plastic	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Single Family w/ interior lead plumbing		E	Multi Family or building w/ interior lead plumbing		
	C*	Multi Family Residence (MFR) w/ a lead service line*, if MFRs comprise at least 20% of total service connections.	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before July 1988		
	* Use Report Form A (not this form) if any samples collected were from sites with lead service lines to allow reporting of 1 st and 5 th liter results.		Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.		

**CONSUMER NOTICE OF LEAD AND COPPER RESULTS
REQUIREMENTS AND CERTIFICATION**

Each community water supply must deliver a Consumer Notice of Lead and Copper Results (Consumer Notice) to the occupants at each location sampled within 30 days of learning the sample results as required under R 325.10410(5) of the administrative rules promulgated under Act 399. Failure to deliver the Consumer Notice to each location on time will result in a reporting violation.

Instructions:

- A. Use the Consumer Notice template (next page) or another form approved by EGLE.
- B. Complete one Consumer Notice for each home or building that was sampled. **MAKE SURE UNITS ARE CORRECT BEFORE DISTRIBUTING TO CONSUMERS.**

Note: 1 mg/L = 1 ppm = 1,000 ppb Example: 0.002 mg/L = 0.002 ppm = 2 ppb

- C. Mail or hand deliver each Consumer Notice to the corresponding home or building sampled.
- D. Water supplies have 90 days after the end of the monitoring period to submit a sample copy of the Consumer Notice along with the below certification verifying that the Consumer Notices have been distributed as required under R 325.10710d(f)(3) to the appropriate EGLE district office. When possible, EGLE encourages water supplies to send the sample notice and certification along with the Lead and Copper Report (pages 1 and 2 of this document), which is due within ten days after the end of the monitoring period. Please **COMPLETE** all forms accurately to avoid resubmittal.

Certification:

I hereby certify that the Consumer Notice has been provided to persons served at each of the taps that were tested, including all the following information:

- Delivery was by mail, hand delivery, or another method approved by EGLE.
- Delivery was within 30 days of knowing the result.
- Consumer Notice includes required content:
 - The results of lead and copper tap monitoring for the site that was sampled.
 - An explanation of the health effects of lead and copper.
 - The steps consumers can take to reduce exposure to lead in drinking water.
 - Contact information for the public water supply.
 - The maximum contaminant level goal and the action level for lead and copper with the definitions explaining each.

Please **initial** each line verifying that each requirement was completed:

JK A Consumer Notice was sent to persons served at each of the taps that were tested.

JK Delivery was by mail, hand delivery, or another method approved by EGLE.

JK Each Consumer Notice was delivered to the resident within 30 days of knowing the results.

JK Each Consumer Notice included the required content as stated above.

JK A sample copy of a Consumer Notice sent to a resident is attached.



Director

8/10/2021

Signature

Title

Date

CONSUMER NOTICE OF LEAD AND COPPER RESULTS IN DRINKING WATER

Water Supply Name: Yankee Springs Township Water System

County: Barry WSSN: 7231

Sample Location: 12703 Valley Dr., Wayland Date Sampled: 7/8/2021

Thank you for participating in the lead and copper monitoring of drinking water. The sample represents the water you are likely to drink when turning on the tap. The levels of lead and copper found at your location are in the table below.

Contaminant	Action Level	Maximum Contaminant Level Goal	Your Result
Lead (ppb)	15	0	<1.0
Copper (ppb)	1,300	1,300	66.0

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Maximum Contaminant Level Goal (MCLG): 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.

ppb: Parts per billion or micrograms per liter.

ND: Not detected.

To reduce exposure to lead and copper in drinking water:

- **Run your water before drinking.** 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. Additional flushing may be required for homes that have been vacant or have a longer service line.
 - 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.
- **Use cold water for drinking, cooking, and preparing baby formula.** Do not cook with or drink water from the hot water tap. Lead and copper dissolve more easily in hot water.
- **Do not boil water to remove lead and copper.** Boiling water will not reduce lead and copper levels.
- **Consider using a filter to reduce lead in drinking water.** Read the package to be sure the filter is NSF 53 certified to reduce lead or contact NSF International at 1-800-NSF-8010, or www.nsf.org for more information.
- **Consider purchasing bottled water.** The bottled water standard for lead is 5 ppb.
- **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.
- **Clean your aerator.** As part of routine maintenance, the aerator should be removed at least every six months to rinse out any debris that may include particulate lead.
- **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.

Lead can cause serious health and developmental problems. It can cause damage to the brain and kidneys, and it 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, your water supply 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 your local health department.

Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.

The United States Environmental Protection Agency (USEPA) estimates that 20 percent or more of human exposure to lead may come from drinking water. Infants who consume mostly mixed formula can receive 40 percent to 60 percent of their exposure to lead from drinking water.

For more information on reducing lead exposure around your home and the health effects of lead, visit the USEPA's website at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

For more information on copper, visit the United State Center for Disease Control's website at www.atsdr.cdc.gov/index.html, or contact your health provider.

For more information regarding your water supply, contact us at: (269) 672-5588.