



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

Drinking Water and Environmental Health Division

Lead and Copper Report for Secondary Treatment Water Supplies

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 water supply to enforcement penalties.

Administrative Rule R 325.10710d requires water supplies to report lead and copper monitoring information within ten (10) days after the end of the monitoring period. This form may be used to meet that requirement. It may also be posted as part of the Consumer Notice. Instructions for this form are provided on page 3.

Water Supply Name: _____ WSSN: _____

Monitoring Period Dates From: _____ To: _____

Number of Samples Taken: _____ 90th Percentile Lead Value (ppb): _____ 90th Percentile Copper Value (ppb): _____

Name and Certification No. of Laboratory: _____

SAMPLE RESULTS TABLE

Table with 7 columns: Sample Location, Sample Date, Tap Type (See below), Lead (ppb), Copper (ppb), Lab Sample ID Number. Rows 1-16.

SAMPLE RESULTS TABLE

	Sample Location	Sample Date	Tap Type (See below)	Lead (ppb)	Copper (ppb)	Lab Sample ID Number
17	_____	_____	_____	_____	_____	_____
18	_____	_____	_____	_____	_____	_____
19	_____	_____	_____	_____	_____	_____
20	_____	_____	_____	_____	_____	_____
21	_____	_____	_____	_____	_____	_____
22	_____	_____	_____	_____	_____	_____
23	_____	_____	_____	_____	_____	_____
24	_____	_____	_____	_____	_____	_____
25	_____	_____	_____	_____	_____	_____
26	_____	_____	_____	_____	_____	_____
27	_____	_____	_____	_____	_____	_____
28	_____	_____	_____	_____	_____	_____
29	_____	_____	_____	_____	_____	_____
30	_____	_____	_____	_____	_____	_____
31	_____	_____	_____	_____	_____	_____
32	_____	_____	_____	_____	_____	_____
33	_____	_____	_____	_____	_____	_____
34	_____	_____	_____	_____	_____	_____
35	_____	_____	_____	_____	_____	_____
36	_____	_____	_____	_____	_____	_____
37	_____	_____	_____	_____	_____	_____
38	_____	_____	_____	_____	_____	_____
39	_____	_____	_____	_____	_____	_____
40	_____	_____	_____	_____	_____	_____

Tap Type
K = Kitchen Sink, B = Bathroom Sink, R = Break Room, WF = Water Fountain, O = Other

OPERATOR IN CHARGE SIGNATURE

I certify that the lead and copper monitoring locations and results contained in this form are accurate to the best of my knowledge.

Name: _____ **Signature:** _____ **Date:** _____

Instructions for Completing the Lead and Copper Report for Secondary Treatment Water Supplies

1. **SUPPLY NAME:** Enter the name of the public water supply where sampling is being conducted.
2. **WSSN:** Enter the 5-digit public water supply serial number (e.g., 700XX).
3. **MONITORING PERIOD DATES:** Enter the beginning and end dates of the monitoring period during which the sampling took place. For standard monitoring, monitoring periods are January 1 through June 30, or July 1 through December 30.
4. **NUMBER OF SAMPLES TAKEN:** Indicate the number of tap samples taken for lead and copper analysis during this monitoring period.
5. **90th PERCENTILE VALUES:** Use the worksheet at the end of this form to determine the 90th percentile values for both lead and copper. Enter all results from low to high. Enter non-detect or <0.001 readings as 0.000.
6. **NAME AND CERTIFICATION NUMBER OF LABORATORY:** Enter the name and certification number of the drinking water laboratory that performed the lead and copper analyses. Information on certified laboratories can be found at Michigan.gov/EGLE/About/Organization/Remediation-and-Redevelopment/Laboratory/Certifications.
7. **SAMPLE RESULTS TABLE:** Complete as follows:
 - Sample Location:** Enter the location in the facility where each lead and copper sample are taken.
 - Date Sampled:** Enter the date the sample was collected.
 - Tap Type:** List the sample tap type from the options at the bottom of the table.
 - Lead:** Enter the concentration of lead in parts per billion (ppb). Enter non-detect or <0.001 readings as 0.000. If the lab reports values in units of parts per million (ppm), these must be converted to ppb before being listed.

Note: 1 mg/L = 1 ppm = 1,000 ppb 1 µg/L = 0.001 ppm = 1 ppb
Example: 0.002 mg/L = 0.002 ppm = 2 ppb
 - Copper:** Enter the concentration of copper in ppb. Enter non-detect or <0.001 readings as 0.000.
 - Lab Sample ID Number:** Enter the sample number or specific identification given by the lab.
8. **OPERATOR IN CHARGE (OIC) SIGNATURE:** The OIC for the supply enters their name and then signs with the date.
9. **SUBMIT TO EGLE:** Email this form to EGLE-ST@Michigan.gov with the subject line "Lead and Copper Report for (supply name)." The supply is encouraged to also attach the lab reports if a lab other than the EGLE lab was used. Hard copies may also be mailed to the address below:

Michigan Department of Environment, Great Lakes, and Energy
Drinking Water and Environmental Health Division
Secondary Treatment Program
P.O. Box 30817
Lansing, MI. 48909-8311

**LEAD AND COPPER SAMPLE RESULTS
90th PERCENTILE VALUE DETERMINATION WORKSHEET**

#	Lead Results	Instructions	Copper Results
1		← Enter all samples from lowest to highest results. →	
2		If fewer than 5 samples are taken, the sample result with the highest concentration is considered the 90th percentile value. What is the highest result for Lead ? _____ What is the highest result for Copper ? _____	
3			
4			
5		← 90th percentile of 5 samples is average of 4th and 5th →	
6		What is the Lead 90th percentile? _____	
7		What is the Copper 90th percentile? _____	
8			
9		← 90th percentile of 10 samples is the result for sample #9 →	
10			
11			
12		NOTE: You can compute 90th percentile by multiplying the number of samples by 0.9 (i.e., 10 samples x 0.9 = 9; the result for the 9th sample is the 90th percentile. For non-whole numbers interpolation is necessary.).	
13			
14			
15			
16			
17			
18		← 90th percentile of 20 samples is the result for sample #18 →	
19			
20			

#	Lead Results	Instructions	Copper Results
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36	← 90th percentile of 40 samples is the result for sample #36 →		
37			
38			
39			
40			

People with disabilities may request this material in an alternate format by emailing EGLE-Accessibility@Michigan.gov or calling 800-662-9278.

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This form and its contents are subject to the Freedom of Information Act and may be released to the public.