# Water System Advisory Council



May 2025

# Member Appointments

Here is a link to EGLE's Community Water Advisory Council Guidance

Please Welcome!!!

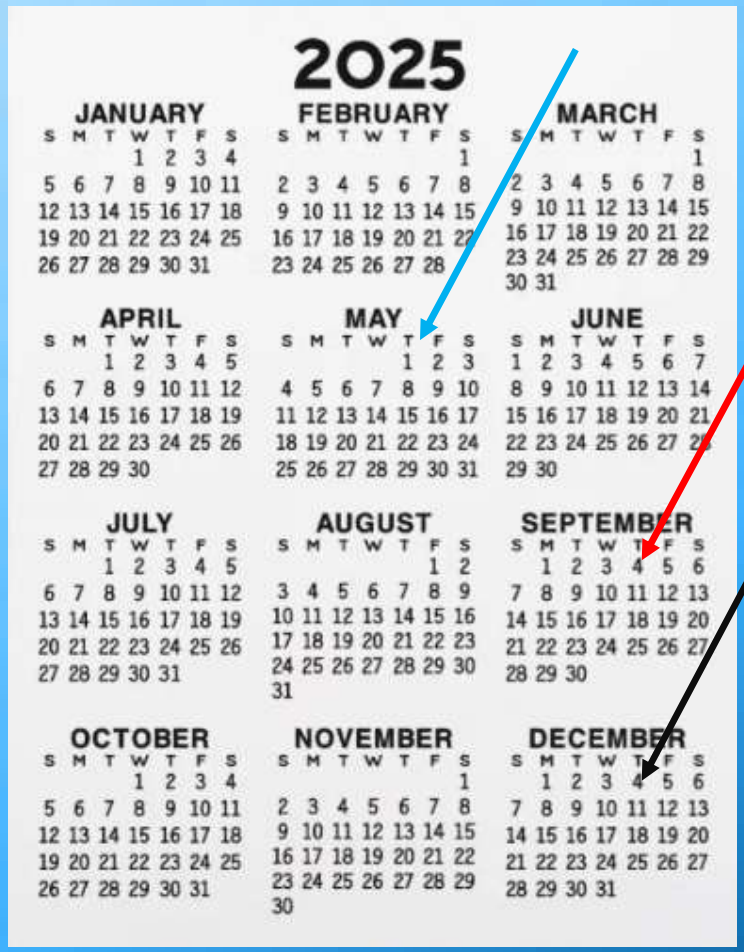
The Guidance Manual specifies that the council should have the following characteristics:

- At least 5 Members
- 1 Local Resident Member
- Demonstrated Interest and Diverse Perspectives
- 3 Year Terms
- Recommended Officers
  - Chair, Vice Chair, and Secretary

Current Membership:

- Ron Campbell - Chair
- Glen Rowley - Vice Chair
- Terri Close (2025 to 2028)
- Bob Dion
- Mark Vanderberg (2025 to 2028)

# 2025 Meeting Dates




Still looking at a September meeting date as it provides the group the opportunity to review a majority of the lead sampling results.

December can be a last-minute option should there be end of the year business to bring up.

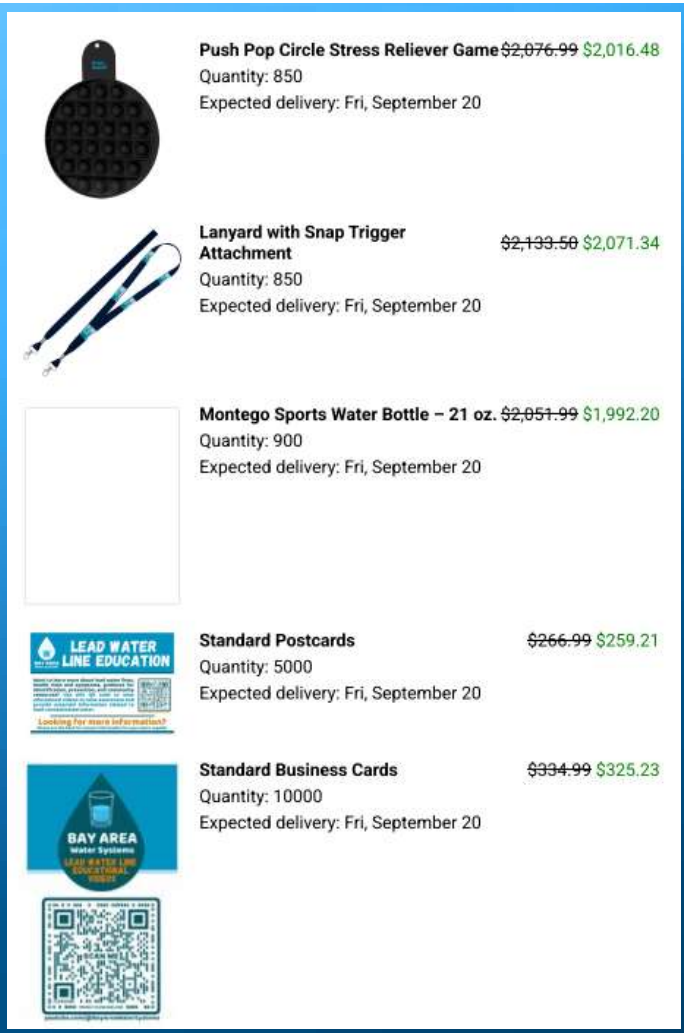
# EGLE Mini Grants

**Overview so far…**

- The Grant was pursued in mid to late 2023
- Official start date for the grant 10/1/2023 for $14k
- Proposed end date of 8/31/2024
- Those funds went towards informational videos and physical materials to be distributed →
- Multiple meetings were held to discus script and formatting
- Late September physical materials arrived

**Update:**

- Final videos have been completed
- They are uploaded and active on our system's YouTube page
- Materials are being distributed
- EGLE has been informed
- Work related to the grant is complete



# CDSMI Updates

| Community | Total Service Lines | Known Lead Service Lines | Unknown Service Lines |
|---|---|---|---|
| Akron Township | 98 | 0 | 0 |
| Bangor Township | 4,770 | 24 | 0 |
| Bangor Monitor Metro. Water District | 1,246 | 0 | 0 |
| City of Bay City | 14,519 | 4,049 | 0 |
| Bay County Supply #1 | 3,045 | 16 | 0 |
| Beaver Rd. Water Association | 283 | 0 | 0 |
| Beaver Township | 471 | 0 | 0 |
| City of Essexville | 1,501 | 0 | 0 |
| Fraser Township | 537 | 0 | 0 |
| Hampton Township | 3,645 | 58 | 0 |
| Kawkawlin Metro. | 428 | 0 | 0 |
| Kawkawlin Township | 1,295 | 0 | 0 |
| Linwood Metro Water District | 383 | 0 | 0 |
| Merritt Township | 578 | 0 | 0 |
| Monitor Township | 2,238 | 0 | 0 |
| City of Pinconning | 639 | 2 | 429 |
| Pinconning Township | 612 | 0 | 0 |
| Portsmouth Township | 225 | 0 | 0 |
| Williams Township | 2,104 | 0 | 0 |
| Wisner Township | 250 | 0 | 0 |

## Service Materials

Included in our Consumer Confidence Reports (CCR) is a data table that provides service line details for multiple communities.

← Data Table from the 2024 CCR

Most unknowns are gone

City of Pinconning has a notable amount left

Bay City is removing lead at a quick pace but still has around 4k leas services left

Bangor, Supply 1, and Hampton have only a few services left to remove

# L&C Sampling

| Community | 2024 Sampling | Lead | | | Copper | | |
|---|---|---|---|---|---|---|---|
| | | Action Level (AL) = 15 ppb MCLG = 0 ppb | | | Action Level (AL) = 1.3 ppm MCLG = 1.3 ppm | | |
| | | Results[a] in ppb | Range of Results in ppb | Number of Samples Above AL | Results[a] in ppm | Range of Results in ppm | Number of Samples Above AL |
| Akron Township | June 1st to Sept 31st | 0 | 0 - 0 | 0 | 0.1 | 0.1 - 0.2 | 0 |
| Bangor Township | June 1st to Sept 31st | 1 | 0 - 6 | 0 | 0.1 | 0.0 - 0.3 | 0 |
| Bangor Monitor | June 1st to Sept 31st | 0 | 0 - 0 | 0 | 0.1 | 0.0 - 0.2 | 0 |
| City of Bay City | July 1st to Dec 31st | 11 | 0 - 27 | 2 | 0.2 | 0.0 - 0.4 | 0 |
| Bay County Supply #1 | June 1st to Sept 31st | 4 | 0 - 5 | 0 | 0.1 | 0.0 - 0.2 | 0 |
| Beaver Rd. Association | June 1st to Sept 31st | 0 | 0 - 0 | 0 | 0.2 | 0.0 - 0.2 | 0 |
| Beaver Township | June 1st to Sept 31st | 0 | 0 - 1 | 0 | 0.1 | 0.0 - 0.1 | 0 |
| City of Essexville | June 1st to Sept 31st | 0 | 0 - 0 | 0 | 0.2 | 0.0 - 0.2 | 0 |
| Fraser Township | June 1st to Sept 31st | 0 | 0 - 0 | 0 | 0.1 | 0.1 - 0.1 | 0 |
| Hampton Township | June 1st to Sept 31st | 8 | 0 - 12 | 0 | 0.1 | 0.0 - 0.1 | 0 |
| Kawkawlin Metro. | June 1st to Sept 31st | 0 | 0 - 0 | 0 | 0.1 | 0.0 - 0.1 | 0 |
| Kawkawlin Township | June 1st to Sept 31st | 0 | 0 - 0 | 0 | 0.2 | 0.1 - 0.2 | 0 |
| Linwood Metro Water District | Jan 1st to June 30th | 0 | 0 - 1 | 0 | 0.3 | 0.1- 0.3 | 0 |
| | July 1st to Dec 31st | 0 | 0 - 0 | 0 | 0.2 | 0.0 - 0.2 | 0 |
| Merritt Township | June 1st to Sept 31st | 0 | 0 - 0 | 0 | 0.2 | 0.1 - 0.3 | 0 |
| Monitor Township | June 1st to Sept 31st | 0 | 0 - 0 | 0 | 0.2 | 0.0 - 0.2 | 0 |
| City of Pinconning | June 1st to Sept 31st | 0 | 0 - 0 | 0 | 0.1 | 0.1 - 0.2 | 0 |
| Pinconning Township | June 1st to Sept 31st | 0 | 0 - 3 | 0 | 0.1 | 0.0 - 0.2 | 0 |
| Portsmouth Township | June 1st to Sept 31st | 0 | 0 - 0 | 0 | 0.2 | 0.0 - 0.2 | 0 |
| Williams Township | June 1st to Sept 31st | 0 | 0 - 0 | 0 | 0.1 | 0.1 - 0.2 | 0 |
| Wisner Township | June 1st to Sept 31st | 0 | 0 - 0 | 0 | 0.2 | 0.0 - 0.2 | 0 |

a) Ninety (90) percent of the samples collected were at or below the level reported for our water.

## 2024 Sample Results

Action Level was 15 PPB

90th percentiles looked good.

- Bay City – 11
- Hampton – 8
- Supply 1 – 4
- Bangor Twp – 1

Ranges are worth noting too

- Bay City – 0 to 27
- Hampton – 0 to 12

2025 Sampling – Action Level at 12 PPB!!

Bay City's 1st round of Full Sampling

40, 31, 22, 16, 14, 13, and 10 = 90th

# 2025 Monitoring Schedules

| L&C MONITORING SCHEDULE | | | |
|---|---|---|---|
| | Annual Full Monitoring | Annual Reduced Monitoring | Reduced Monitoring, 3 year in 2027 |
| Akron Township | | | 5 |
| Bangor Township | | 30 | |
| Bay County Supply #1 | | 20 | |
| Beaver Rd. Association | | | 10 |
| Beaver Township | | | 10 |
| Frankenlust Township (Saginaw Water) | | | 20 |
| Fraser Township | | | 10 |
| Hampton Township | | 20 | |
| Kawkawlin TWP | | | 10 |
| Merritt Township | | | 10 |
| Monitor Township | | | 20 |
| Pinconning Township | | | 10 |
| Portsmouth Township | | | 10 |
| Williams Township | | | 20 |
| Wisner Township | | | 10 |
| Auburn (Midland Water) | | 20 | |
| Bangor Monitor | | | 10 |
| City of Bay City | 60 | | |
| City of Essexville | | 20 | |
| Kawkawlin Metro | | | 10 |
| Linwood Metro | | 10 | |
| City of Pinconning | | | 10 |
| Totals | 120 | 120 | 175 |

**Big Changes!!**

Most communities received changes from 2024 to 2025

While DBP, L&C, and WQP sampling have all seen reductions, L&C is most notable.

15 communities shifted to sampling every 3 years.

This is a huge reduction in overall system sampling!

This raise the question about staggering out 3-year cycles to have more consistent annual sampling.

# Water Quality Parameter

| Water Quality Parameters a: pH, alkalinity, sulfate, chloride, orthophosphate | | | | | |
|---|---|---|---|---|---|
| Community | Water System Serial Number | OIC | # of Sample | Frequency | Collection Period |
| Akron Township | 0072 | Trevor Jacobs | 1 | 6 Month | FM |
| Bangor Township | 0390 | | 7 | Qrt | Qrt |
| Bay County Supply #1 | 0485 | | 3 | Qrt | Qrt |
| Beaver Rd. Association | 0517 | | 2 | Qrt | Qrt |
| Beaver Township | 0518 | | 2 | Qrt | Qrt |
| Frankenlust Township Saginaw Wtr. | 2410 | | 3 | 6 Month | FM |
| Fraser Township | 2465 | | 2 | Qrt | Qrt |
| Hampton Township | 2960 | | 3 | Qrt | Qrt |
| Kawkawlin TWP | 3565 | | 2 | Qrt | Qrt |
| Merritt Township | 4280 | | 2 | Qrt | Qrt |
| Monitor Township | 4440 | | 3 | Qrt | Qrt |
| Pinconning Township | 5335 | | 2 | Qrt | Qrt |
| Portsmouth Township | 5540 | | 2 | Qrt | Qrt |
| Williams Township | 7125 | | 3 | Qrt | Qrt |
| Wisner Township | 7134 | | 2 | Qrt | Qrt |
| Auburn Midland Water | 0300 | Bauman | 3 | Qrt | Qrt |
| Bangor Monitor | 0400 | Nick | 2 | Qrt | Qrt |
| City of Bay City | 0470 | Marty | 10 | Qrt | Qrt |
| City of Essexville | 2180 | Dave | 3 | Qrt | Qrt |
| Kawkawlin Metro | 3570 | Brad | 2 | Qrt | Qrt |
| Linwood Metro | 3910 | Doug | 2 | Qrt | Qrt |
| City of Pinconning | 5330 | George | 2 | Qrt | Qrt |

**Small changes…**

A couple of communities went into reduced sampling

Bay City still at 10 samples per Quarter but might qualify to shift back to 7

Linwood has yet to receive a designation letter from EGLE setting their pH and Ortho limits.

Caught and corrected an error on Hamptons WQPs, they were required to sample for Ortho.

# System Consolidation

| L&C MONITORING SCHEDULE | | | |
|---|---|---|---|
| | Annual Full Monitoring | Annual Reduced Monitoring | Reduced Monitoring, 3 year in 2027 |
| Akron Township | | | 5 |
| Bangor Township | | 30 | |
| Bay County Supply #1 | | 20 | |
| Beaver Rd. Association | | | 10 |
| Beaver Township | | | 10 |
| Frankenlust Township (Saginaw Water) | | | 20 |
| Fraser Township | | | 10 |
| Hampton Township | | 20 | |
| Kawkawlin TWP | | | 10 |
| Merritt Township | | | 10 |
| Monitor Township | | | 20 |
| Pinconning Township | | | 10 |
| Portsmouth Township | | | 10 |
| Williams Township | | | 20 |
| Wisner Township | | | 10 |
| Auburn (Midland Water) | | 20 | |
| Bangor Monitor | | | 10 |
| City of Bay City | 60 | | |
| City of Essexville | | 20 | |
| Kawkawlin Metro | | | 10 |
| Linwood Metro | | 10 | |
| City of Pinconning | | | 10 |
| Totals | 120 | 120 | 175 |

**On going conversations**

- We approached EGLE last year about consolidating water systems to reduce overall system sampling
- EGLE is receptive to the idea and are focusing on Trevor's 15 systems
- This would notably impact BacT, L&C, WQP, and DBPs
- Depending how it goes, L&C would likely see a reduction from 145 to 60 samples
- EGLE is thinking this will be settled out by the end of this year.

# Lead and Copper Rule Improvements

Lead and Copper Rule Improvements:

- LCRI is the latest Lead and Copper Rule
  - LCR-91, LCRR-21, EGLE LCRR-21
- Official Published on 10/8/2024
- 5 Key Provisions:
  - 100% Lead Removal in 10 Years
  - Locating Legacy Lead Pipes
  - Improving Tap Sampling*
  - Lowering Lead Action Level – 15-12*-10
  - Strengthen Protections
- 3 years before active, EGLE to weigh in…




https://www.epa.gov/system/files/documents/2024-12/final-lcri-drinking-water-community-webinar-11_14_24_final_508-v2_1.pdf


WSAC
May 2025