

**CITY OF MARSHALL**  
**WELLHEAD PROTECTION MEETING**  
**February 14, 2024**  
**11:30 a.m. – 1:00 p.m.**

- I. Sign-in Sheet**
- II. Handouts – Meeting Agenda**  
**EGLE-Approved Marshall Wellhead Protection Plan (September 2023)**
- III. Welcome, Introductions, and General Comments (Marguerite and Aaron, City of Marshall)**
- IV. Action Items and Status (John, Marguerite, and Aaron)**
  - **Summary of Fifth WHPP Committee Meeting, December 6, 2023**
  - **WHPP Committee Members – Modifications:**  
Needed Replacement - Ms. Joanna Tarkiewicz, Business Category – Fulfilled by Mr. John Miller, Executive Director, CCCD  
Needed Replacement - Ms. Carol Edwards, Education Category – Fulfilled by Maureen Reed by category change from CCCD  
New Calhoun County Conservation District Representative – Ryan Reincke, CCCD, Executive Director
  - **Review/Discussion of EGLE-approved Wellhead Protection Program Plan**
  - **Project Focuses for 10-1-23 through 8-31-24**
    1. Site Plan Review Process Documents (Checklist, Chemical Storage, etc.)
    2. Community Water Cooler Community Event Messaging
    3. Other Public Education and Outreach Opportunities
    4. Discussion RE: EGLE WHPP Grant Application
  - **Potential Future Projects (Post-September 2024, dependent upon funding)**
    1. WHP Zoning Overlay Ordinance and Performance Standards
    2. Radio Ad Public Education Campaign (Collaborative with City of Kalamazoo and City of Battle Creek)
- V. Schedule Next Meeting for Second Quarter 2024**

**Minutes of the February 14, 2024  
City of Marshall Wellhead Protection Program Committee**

1. **Meeting started at approximately 11:30 a.m.** Marshall announced lunch was provided and to help themselves.
  
2. **Attendance:** Marguerite Davenport, City of Marshall [Public Services Director]  
Aaron Ambler, City of Marshall [Water Superintendent]  
Martin Erskine, City of Marshall [Fire Chief]  
Maureen Reed, retired CCCD Director (replacement for Carol Edwards) [Educator]  
John Miller, Oakleaf Hospital (replacement for Joanna Tarkiewicz) [Business]  
Nicholas Iszler, Calhoun County Environmental Health (sub for Kevin Green) [Health Department]  
John P. Paquin, Peerless-Midwest [Facilitator]
  
**Not in Attendance:**  
Kelly Hon, MRWA [Environmental Organization] – Absent and Excused  
John Rodopoulos, Roak Brewing [Business] – Absent and Excused  
Paul Anderson, Marshall Township [Neighboring Government/Water Customer/Planning & Zoning] – Absent and Excused  
Brittany Clifton, Calhoun County Water Resources Commission – Absent and Excused  
Ryan Reincke, Calhoun County Conservation District (replacement for Maureen Reed) – Absent and Excused  
Adam Gerstbauer, Peerless-Midwest [Consultant] – Absent and Excused  
Eric Zuzga, City of Marshall [Director of Community Services]  
3. **Welcome, Introductions, and General Comments** – Marguerite Davenport welcomed and thanked everyone for coming.  
John Paquin noted to make sure that everyone signed-in and took a meeting agenda, and that Aaron Ambler had copies of the City of Marshall Wellhead Protection Program Plan (WHPP) for the new members. John added that Maureen Reed is replacing Carol Edwards in the Educator Category; John Miller is replacing Joanna Tarkiewicz in the Business Category; Nickolas Iszler is substituting for Kevin Green of Health Department; Ryan Reincke is replacing Maureen Reed for the Calhoun Conservation District; and mentioned expected absences for meeting.

4. **WHPP** – John requested that everyone bring their copy of the WHPP to every meeting for reference; he noted that it was approved by Michigan Environment, Great Lakes, and Energy (EGLE).
5. **Project Focuses for 10-1-23 through 8-31-24** – John stated that the primary current projects were: Revised/enhanced Site Plan Review documents (checklist, chemical storage inventory forms) and/or Wellhead Protection Ordinance and associated Performance Standards, community water cooler event messaging, school and other potential education events. Consideration will be made whether preparing a grant application for the Source Water Protection Program is cost-effective – may depend on whether or not EGLE allows for past expenditures as local match funding. Martin briefly discussed how the chemical inventory could work, partially using the Tier II chemical reporting program. Marguerite discussed the idea of purchasing a community water cooler, explained its description and potential educational uses at the Farmers Market; Aaron mentioned it could also be used at Grant Park. Multiple members discussed various educational opportunities at the Farmers Market, schools, private organizations (scouting programs), etc. John discussed the primary educational models used in the past are the EnviroScape – great for elementary level – and the Groundwater Simulator – great for all ages. Nicholas offered the Health Department's Groundwater Simulator to use; John mentioned that Battle Creek and Kalamazoo also have them.
6. **Potential Future Projects (Post September 2024)** – Marguerite mentioned that certain projects would be dependent upon the receipt of state funding, such as the collaborative radio ad public education campaign with the City of Kalamazoo and the City of Battle Creek.
7. **Other Open Discussion** – Nicholas and Aaron talked about the exchange of information between the Calhoun County Health Department and the Marshall Water Division regarding Marshall water system connections, and disconnections from/pluggings of private wells with the goal of getting abandoned wells properly plugged. John said that he would obtain EGLE's well plugging information for providing the public for educational purposes. Aaron stated that he would bring copy of the water and sanitary sewer permit application to the next meeting. Nicholas and John discussed the prior Battle Creek Water Festival and past (and potential future) opportunities to participate – along with the Clean Water coalition. Marguerite desired to find groundwater education opportunities in schools. John described the “AquaFlurry” exercise for elementary students that is fun, unique, and popular, allowing the kids to prepare and eat an “aquifer” made of ice cubes, clear pop, ice cream, cookies, and red pop. Maureen discussed education efforts at the Baker Sanctuary at Big Marsh Lake. It was decided that the next meeting be scheduled for May 7, same time and location.



## SOURCE WATER PROTECTION

## GRANT PROGRAM

## QUARTERLY TEAM MEETING PROGRESS REPORT

A Quarterly Team Meeting Progress Report must be submitted once each quarter during the agreement period within 30 days of the end of the quarter. To complete the report, list the activities from Table 2: Grant Assistance Tabulation that were in progress during the quarter for which you are submitting the report. Enter the completion date or the anticipated completion date of those activities as well as any comments that are relevant to the completion date. Please submit report to [EGLE-MiEHDWIS-Login \(Michigan.gov\)](https://MiEHDWIS.Michigan.gov/water/login) (<https://MiEHDWIS.Michigan.gov/water/login>) for the Source Water Protection Grant Reporting activity.

**Community:** City of Marshall**Date:** February 14, 2024

| Activity From Work Plan<br>(located in the agreement) | Anticipated<br>Completion<br>Date | Comments |
|---|-----------------------------------|----------|
|   |                                   |          |
|   |                                   |          |
|   |                                   |          |
|   |                                   |          |

Team Member Signatures:

John P. Paquin  
  
Aaron Ambler  
  
John Miller  
  
Matt East  
  
Judith Burt  
  
Maureen Reed

Printed Name:

John P. Paquin /leakssMidwest  
Aaron Ambler /city of marshall  
John Miller  
Nicholas Izquierdo  
Martin Eastino  
Marguerite Davenport