



**Monitoring/Water Quality Improvements Committee Minutes**

**07/21/2022 12:30 p.m.**

**Lake County Division of Transportation**

**600 W. Winchester Rd.**

**Libertyville IL 60048**

**Discussion and Possible Approval of the Following:**

1. Call to Order – 12:45

2. Roll Call

Members present: Chair: Steve Waters, Mike Adam, Joel Sensenig, Gary Glowacki

Members absent: Rosemary Heilemann, Brian Kuebker

3. Also in attendance: Mike Prusila, Mia Gerace, Alana Bartolai, Rishab Mahajan, Karoline Qasem, Tom Morthorst, Austin McFarlane

4. Public Comment

5. Approval of Meeting Minutes

a. Motion to approve 4/21/22 Monitoring/Water Quality Improvements Committee Meeting Minutes as amended by Sensenig, second by Adam. AYES: Waters, Adam, Sensenig, Glowacki. NAYS: None. Motion passed 4-0

6. Old Business

a. Monitoring Updates

- i. NSWRD Updates sondes back in service, will be taken out next week & data extracted, will find out if the one in question is still having issues. One comment on data, NSWRD still owes invoice to DRWW, will be done next month
- ii. LCHD Updates-Bartolai - finished July sampling yesterday. 6 dry sites, better than last year. Observed MBI when they came out and did sampling.
- iii. MBI correspondence/update (by DRWW) – Waters: briefed group on correspondence with MBI. Issues with projects in OH, will do additional sampling in DRWW area, no budget impact, rental sonde budget will be used to perform additional monitoring. Prusila - Issue with access at WRI Riffle, committee to address at a later meeting.

7. New Business

- a. Geosyntec NARP Update – hydraulic model calibration: two pretty good calibrations for main stem reaches (NSE 0.91 and 0.87). Water quality model (QUAL2K, plus SWAT for TSS): inputs are upstream boundary, tributaries, WWTPs. Calibration results (temp & total P): looking good for Temp and Phosphorus. Chlorophyll A issue: high values end of October, do not need to calibrate as it is a result of a sensor issue. Next steps: calibrate chlorophyll-a, benthic algae, and finalize dissolved oxygen, then apply same parameters to Mill Creek segment of model.
  - b. Monitoring Committee member vacancy – canvass membership at next month’s meeting. Add agenda item for open monitoring committee position.
8. Member Comments
- a. Ideas/Items for August General Membership Meeting
  - b. Illinois River group – looking for steering committee members
9. Next Monitoring/Water Quality Improvements Committee Meeting September 15, 2022
10. Adjournment
- a. Motion to adjourn by Adam, second by Glowacki. AYES: Waters, Adam, Sensenig, Glowacki. NAYS: None. Motion passed 4-0.