



DES PLAINES RIVER WATERSHED WORKGROUP

Des Plaines River Watershed Workgroup

Monitoring/WQ Improvements Committee Meeting

6/20/2019 1:00 pm

Lake County Stormwater Management Commission Medium Conference Room

500 W. Winchester Road, Libertyville IL 60048

Minutes

Discussion and Possible Approval of the Following:

1. Call the Meeting to Order

Joe Robinson called the meeting to order at 1:06p.m.

2. Roll Call

Joe Marencik called the roll: Joe Robinson, Mike Adam, and, Steve Vella were present. Rosemary Heilemann arrived late, and then a quorum was established.

Other attendees: Brian Dorn, Tom Morthorst, Rob Flood, Joyce Gaffney, and Joe Marencik.

3. Approve Previous Meeting minutes (4/18/2019)

Motion to approve the 4/18/2019 DRWW Monitoring/WQ Committee Minutes.

Mike Adam made the first motion.

Rosemary Heilemann made the second motion.

The motion carried at 1:20 p.m.

4. Public Comment

None.

5. NARP Update

Joe R and Joe M summarized the meeting with Geosyntec. They have almost all the data they need. They would like some changes/additional data going forward. This will be addressed below under monitoring plan modifications. The Exec Board needs to decide what the priorities of the NARP development is going forward. Geosyntec is planning to meet with IEPA to go over the progress before moving forward.

6. IPS Model Update

IPS chapters were sent out via email and comments are due back by *June 25th*. Please compile your comments and send them to Joe Robinson so he can pass them along.

In order to monitor Lake County Forest Preserve's Dutch Gap restoration project, a monitoring site has been added on Edwards Road (North Mill Creek Subwatershed). It is a tier 4 monitoring site, meaning all chemistry parameters are sampled. In order accommodate the new Edwards Road site, Suburban Lab site 13-12 has been removed. MBI will continue to sample the biological data at 13-12 at no additional charge to the DRWW.

7. Monitoring Plan Modifications

Keeping NARP requirements in mind, Joe Robinson proposed a plan for future DRWW monitoring efforts. This would involve collecting biological samples for the entire watershed every 5 years. Joe Robinson would like to establish around 14 core sites that would have biology sampled annually.

For the NARP, Geosyntec would like to have longer periods of continuous monitoring data. They suggested having sondes placed from May through October in order to capture 'low-flow summer' conditions. However, the Monitoring Committee feels this data can be captured if monitoring started in July and concludes mid-way through September.

It was determined that further investigation into the cost of obtaining new sondes versus the cost of refurbishing existing sondes owned by the Lake County Health Department and North Shore Water Reclamation District (NSWRD) is needed. Rob Flood will do some research on the options for purchasing new sondes with probes for DO, temperature, pH, turbidity/TSS. Mike Warner mentioned that Lake County Stormwater Management Commission (SMC) would be interested in sharing some of sonde costs. The Russel Road site is the priority, but all in all the DRWW needs 6 additional sondes.

The NARP also needs dissolved reactive phosphorous data. This parameter was sampled in year one but needs to be added back because it is the form of phosphorus that's bioavailable and drives algal production.

Per the IPS, sulfates also need to be added back into the monitoring program. There is a relationship between sulfates, chloride, and toxicity. In order balance the additional parameters being monitored most of the organics and all the metal parameters have been removed. Metals will still be sampled via the sediment data (which will be sampled every 5 years).

If a waterway is listed as impaired for a certain parameter, the MS4 permit requirements dictate that the parameter must be sampled.

Joe Robinson asked members of the Monitoring Committee to review his proposed plan before the next meeting Monitoring Committee (July 18, 2019) so it can be discussed at that time. After the July meeting Joe Robinson will draft the new strategy which will be implemented in 2020.

8. Old Business

None.

9. Other Business

Joe Marencik is moving and is stepping down as the DRWW Technical Coordinator. Joe Marencik and Mike Warner are working to draft an RFP for the Coordinator position.

10. Next Monitoring/WQI Committee Meeting July 18, 2019 at 1:00 pm at the Lake County Central Permit Facility, Medium Conference Room

11. Adjourn

Rosemary Heilemann made the first motion.

Steve Vella made the second motion.

Motion passed unanimously and the meeting adjourned at 1:50p.m.

