



Des Plaines River Watershed Workgroup

Monitoring/WQ Improvements Committee Meeting

10/17/2019 1:00 pm

Lake County Stormwater Management Commission Medium Conference Room

500 W. Winchester Road, Libertyville IL 60048

Agenda

Discussion and Possible Approval of the Following:

1. Call the Meeting to Order

Joe Robinson called meeting to order at 1:05 PM.

2. Roll Call

Stuart Nissenbaum called the roll: Joe Robinson, Austin McFarlane, Mike Adam. Rosemary Heilemann and Al Gyrgitch were late.

3. Approve Previous Meeting minutes (6/20/2019)

Change in the minutes for the IPS model. Second paragraph of "number 6 IPS model" should be placed under item 7 "Monitoring Plan Modifications". Quorum was met once additional members showed up late and minutes were then approved. Motion to approve: Mike Adam Second: Austin McFarlane.

4. Public Comment

There was no public comment.

5. NARP Update

Brian was trying to get in contact with Geosyntec for the NARP draft scope of work prior to end of October meeting. We were supposed to have a draft by then and Brian told Andrea, "why set up a meeting if we can manage the comments via email?" Rosemary spoke to Sierra Club and they were unsure what levels in the NARP were going to be acceptable to them. Brian Dorn said that the internal review was being completed and that the draft report should be available by October 25th.

6. IPS Model Update

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Still working on the IPS Model. Looking for an additional \$20,000 to add one more component to IPS model. The DRSCW pitched in \$7000 and Lower DesPlaines will pitch in \$7000 and North Branch will do between \$6000 and \$7000. Reason for increased cost was for more time and new component. It was determined to be a legitimate request to make the model stronger. Based on talking to Steve McCracken (Sp?) at WEF expected the IPS model to be done this month (October). It was asked if there was an IPS model deadline and Joe said that it has a deadline of 2023. The preliminary draft will have what our workgroup will do. We will continue to have this group/monitoring program, the IPS model and a NARP.

7. Monitoring Plan Modifications

Started discussion at June meeting. Would like to formally finalize the monitoring strategy. Write letter to IEPA to get approval of changes to have monitoring serve the NARP and nutrients. Make sure that the change will not impact the MS4 permit. Discussed with IEPA in March and they asked for a letter suggesting the changes. They seemed to be ok with that. From a water standpoint we are at 73 sites and plan to continue with all 73 locations. For 2020 we would like to continue with 5 sample periods with one in February to gather chloride data. Focusing on NARP and nutrients during the summer period. Adding dissolved reacting phosphorus and ammonia sampling in the summer. Winter chloride program will be used to gather chloride data. Removing metals and organics from monitoring. They are more soil related and will be a focus in the sediment program. Reducing monitoring for e.coli, conductivity, chloride, sulfate, hardness to two times a year to reduce cost of monitoring program. We ask MBI to go out to 14-16 sites and every 6 years does the full 73 sites. This would reduce the cost overall and have 1 year of high cost every 6 years. Chris Yoder preferred the 16 sites on a semi-annual basis. Mike Warner would like TSS data to see what is coming across the border. Want to gather chlorophyll-a for NARP. Stuart suggested other ways to determine the 14 sites for the monitoring utilizing GIS. He will meet with Joe to discuss further. Mike Adam asked if any hotspot locations came up and it was determined that not a whole had come to fruition. Last page is cost from Suburban Labs. Stays around the same as it had previously been for water column. We will see a reduction in sediment. We will also save on MBI by reducing to 16 sites. Should be saving approximately \$60,000 a year.

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8. Old Business

They are having a lot of trouble doing the bioassessment this last summer. Were not able to get to two sites for macros and fish on Mill Creek.

9. Other Business

a. Chloride Program

Mike Adam said we should decide what sites we should keep monitoring at with hobo conductivity loggers. Should we continue to keep them at the same place or move them since we have gathered a lot of data over time for them? Something to decide later. The selected sites continue to have high readings, which is why they were selected. Can we do more targeted education? Places like Gurnee Mills, etc. Opposition to chloride standards was rescinded.

b. 5-Year Plan

Meant to be on the executive meeting agenda.

10. Next Monitoring/WQI Committee Meeting November 21, 2019 at 1:00 pm at the Lake County Central Permit Facility, Medium Conference Room

Meeting will not occur in November. Will met December 19, 2019.

11. Adjourn

Motion to adjourn: Mike Adam

Second: Al Gyrgitch

