



Des Plaines River Watershed Workgroup

Monitoring/WQ Improvements Committee Meeting

12/21/2017 1:00 – 2:30 pm

Lake County Stormwater Management Commission Medium Conference Room

500 W. Winchester Road, Libertyville IL 60048

Agenda

1. Call the meeting to order
2. Roll Call
3. Approve Previous Meeting minutes (10/19/17)
4. Public Comment
5. Continuous Monitoring Program
6. Finalize 2018 Laboratory Contract
7. Membership Dues for 2018
8. Annual Monitoring Report
9. Chlorides Policy/Fact Sheets
10. Old Business
11. Other Business
12. Next Monitoring Committee Meeting December 21, 2017 at LCSMC
13. Adjourn



Des Plaines River Watershed Workgroup
Joint Monitoring/WQ Improvements and Lakes Committees

10/19/2017

1:00 PM – 2:30 PM

Lake County Stormwater Management Commission, Second Floor

500 W. Winchester Road, Libertyville IL 60048

Meeting Minutes

1. Call the meeting to order: Joe Robinson called the meeting to order
2. Roll Call (see end of these notes for individuals present)
3. Approve previous Meeting minutes:
 - a. A few corrections: time of meeting was incorrect. Tom Morthorst and Rob Flood were listed as committee members and Leslie was listed as other attendees, need to switch. Mike Adam made motion to approve 9/28/17 minutes with changes mentioned by Joe, Leslie seconded the motion, all in favor.
4. Public Comment: None
5. Burns & McDonnell Report: only took 6/7 readings. It is stated in the contract that they will do 7 data points. The Committee recommended that Burns and McDonnell conduct the 7th flow monitoring event as required by the 2017 contract.
 - a. 15 loggers will remain in creek at the sites, LCHD can download flow data and has flow meter.
6. 2018 Laboratory Contract
 - a. Suburban Labs contract ended in September. Mike Adam showed that there is now a good relationship between chloride and field conductivity. Still waiting to hear from SL labs on the sediment metals detection limits. Monitoring program will plan to go ahead with Suburban Labs in 2018.
7. Monitoring Program
 - a. Joe used Suburban Lab price quotes from previous years to estimate 2018 DRWW costs. Goal is to cut the monitoring costs and there are different options to reach that goal (refer to handout).
 - b. The most likely option will be reducing monitoring from 7 to 5 sample times throughout the year and removing some parameters that were not getting major hits. Want to keep all parameters that are required for MS4 permits.
 - i. remove DO/temp
 - ii. could remove turbidity (no MS4 requirement)
 - iii. Check if low level mercury is a ms4 requirement.

Joe R will send out updated version, thinks we can get it down from \$69,000/yr to \$50,000/year. These changes to the monitoring program will be finalized at the December Monitoring meeting.
8. Old Business: None
9. Other Business

- a. (Mike Adam) Chloride Monitoring – LCHD/SMC summarized average chloride readings up to July 2018 and whether MBI listed chloride as an impairment. Need more winter monitoring at these sites. LCHD has some sondes, North shore has some sondes, LCHD can buy a few sensors. Would like to add some additional winter monitoring.
- b. Would want to put sondes in the next month.

10. Next Monitoring Committee Meeting **December 21, 2017** at LCSMC

11. Adjourn: Jim Bland motion to adjourn, Leslie Berns seconded the motion.

Committee Members Present

Joe Robinson, DRWW Monitoring/WQ Improvements Committee Chair, NSWRD

Jim Bland, Sierra Club

Mike Adam, LCHD

Leslie Berns, LCFPD

Mike Zemaitis for Al Giertych, LCDOT

Austin McFarlane (LCPW)

Other attendees:

Rob Flood, NSWRD

Kathleen Paap, WRI

Donald Hey, WRI

Tom Morthorst, Third Lake

Alana Bartolai, LCHD

Ed Coggin, Weston