



**Des Plaines River Watershed Workgroup**

**Executive Board**

**1/17/2019 2:00 pm**

**Lake County Stormwater Management Commission Medium Conference Room**

**500 W. Winchester Road, Libertyville IL 60048**

**Meeting Minutes**

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

1. Call the Meeting to Order

Brian Dorn called the meeting to order at 2:06 pm

2. Roll Call

Board Members present: Brian Dorn, Al Giertych, Mike Adam, Joe Robinson, Jim Anderson, Paul Kendzior, Michael Talbett. A quorum was present.

Other Attendees: Max Spehlmann, Mike Warner, Joe Marencik Dave Miller, and Andrea Cline

3. Approve Previous Meeting Minutes (12/20/18)

Brian Dorn wanted the following corrections made,

- a) Item 7: the contract was tabled not approved
- b) Item 8: SMC's attorney has been working with Mike Warner, not Mike Adam
- c) Item 11: The POTW experience with "nutrient removal"

Motion to approve 12/20/18 Executive Board Meeting Minutes as amended

First Motion: Paul Kendzior

Second Motion: Jim Anderson

Motion passed unanimously at 2:09 pm

#### 4. Public Comment

None

#### 5. Financials:

##### a. Approval of Monthly Financial Report (including invoices for payment)

- a) Receipt of invoices – Wadsworth, Hey & Associates, Eventbrite from Green Infrastructure, and Mundelein (for green infrastructure training)
- b) Wetlands Research did not pay dues this year. They paid \$200 in 2017.
- c) SMC looked into why dues were higher last year
  - Last year Grayslake paid dues twice, which falsely inflated 2018 dues.
  - Long Grove did not pay this year. SMC will investigate.
- d) Expenditures - SMC paid Beth Adler paid out for the hours she worked. MBI invoices area current and correct for all three contracts.

Motion to approve Monthly Financial Report (including invoices for payment).

First Motion: Paul Kendzior

Second Motion: Al Giertych

Motion passed unanimously via roll call vote at 2:20 PM

##### b. Approval of DRWW 2019 Budget

- Mike W presented annual DRWW budget
- Mike W. explained that the Stormwater Management Commission Board would need to review and ratify the DRWW annual budget (and contracts) since SMC is the administrative agent. This action allows SMC to officially appropriate public money to DRWW.
- There are two carry over contracts from MBI
- There are three pending contracts in the budget. Pending - Geosyntec, MBI, and Suburban Labs.
- Mike Adam's sampling program will cost the same as it did in 2018 (\$20,000).
- SMC has \$25,000 proposal for GIS, technical, admin/financial, and communication support. Also included in this proposal is Joe Marencik (MS4 contractor who reports to SMC) covering a large portion of what Beth Adler was doing. SMC will cost share his services 50/50 with DRWW. Breakdown of \$25,000 would be \$15,000SMC/\$10,000 Joe Marencik.
- Mike Adam will provide a draft review of what the Lake County Health Department did in 2018, and a draft proposal for what they will do in 2019 in March.
- Mike Warner anticipates that Chris Yoder may have GIS work that SMC will complete, but could be \$5,000 less than \$25,000 estimate. SMC will provide a formal estimation in March.
- The Health Department may not use the entire \$20,000 in 2019.

- Brian Dorn noted that if all contracts came in on budget, DRWW would have about \$1,400 in carryover at the end of the year.

Motion to approve 2019 budget.

First Motion: Michael Talbott

Second Motion: Joe Robinson

Motion passed unanimously via roll call vote at 2:38 pm.

#### 6. Approval of Scope of Work and Contract for NARP Workplan by Geosyntec

- Brian Dorn explained that Mike Warner's and Brian Dorn's lawyers have approved of the language of the contract.
- The contract is a not-to-exceed contract with a cap of \$64,500.
- Andrea Cline from Geosyntec suggests keeping an eye on the NSAC recommendations; the IEPA has not made it clear how they will implement their proposed nutrient criteria.
- On behalf of the monitoring committee, Mike Adam is going to be following up with other watershed groups to see how they are going to comment.
- Brian Dorn stated that a NARP will most likely satisfy IEPA nutrient requirements based on how its being done. Agreed that DRWW should file a joint letter of comment.

Motion to approve Scope of Work and Contract for NARP workplan by Geosyntec.

First Motion: Jim Anderson

Second Motion: Paul Kendzior

Motion passed unanimously at 2:44 pm

#### 7. Approval of 2019 MBI contract

- Mike Warner gave a breakdown of the MBI contract.
- \$2,000 was not used from 2018; this sum was rolled over into the 2019 contract.

Motion to approve the 2019 MBI contract

First Motion: Mike Adam

Second Motion: Michael Talbott

Passed Unanimously at 2:46.

#### 8. Approval of Suburban Labs Sampling and Analysis Contract for 2019.

- Joe Robinson outlined changes in the new contract:
  - a) A new site below the riffle near the Des Plaines Wetland Research Lab will be added. The new site will be a tier four site.
  - b) SL increased hardness cost from \$13 to \$19 per sample. This change increases the total sampling cost \$50.

- c) SL Increased total Phosphorous sample cost from 15\$ to 20\$. This change increases the total sampling cost \$2,000.
  - d) A chlorophyll monitoring run was added in May. There will now be 4 chlorophyll samples taken at each site every year (May, July, August, October).
  - e) The total cost of the sampling contract is not to exceed \$88,228.
- Joe Robinson stated that the Monitoring committee approved the contract contingent on changes in language, and clarification of the number of sites sampled.

Motion to approve the Suburban Labs Sampling and Analysis Contract for 2019 at a not-to-exceed cost of \$88,228 contingent on the working changes suggested by the monitoring committee and verifying number of sites.

First Motion: Paul Kendzior

Discussion:

- Michael Talbott asked Andrea if the Suburban Labs contract looked sufficient for the NARP.
- Andrea stated that Geosyntec was very interested in chlorophyll a data.
- Joe Robinson outlined the chlorophyll sample regime (sestonic vs benthic) for DRWW.
- Andrea stated that she will need to speak with the data modeler about any potential gaps in the DRWW sampling regime. She knows that Geosyntec is interested in continuous monitoring data for DO, temperature, and conductivity.
- Michael Talbott would like Geosyntec to take a look at the contract and note any gaps in the DRWW sampling regime.
- Monitoring committee will make adjustments as needed based on Geosyntec requests.

Second Motion: Jim Anderson

Motion passed unanimously at 2:53 pm.

## 9. Discussions:

*Standardized contract:*

- Brian Dorn talked about having a consistent format for professional services agreement.
- Jim suggested using SMC's standardized professional services agreement.
- Discussion of what other Exec Board members do with regards to contract wording/insurance
- Mike Warner will investigate developing a standardized contract for use with all future DRWW contracts. Several Exec Board members will forward their standardized contracts to Mike Warner.

### *Sediment sampling:*

- Jim would like to be able to monitor sediment loading more robustly.
- Joe R and Mike A elaborated on current sample sites and continuous monitoring.
- DRWW currently has grab-sample stations at the Illinois-Wisconsin border at the Des Plaines River, and North Mill Creek.
- There is no daily sampling of sediment. Mike Adam explained that turbidity probes are expensive and difficult to maintain.
- Jim Anderson would like to approach the USGS, who are doing work in sediment work in North Mill Creek and see how much they would charge to do work on Des Plaines.
- Joe Robinson recommended talking with Chris Yoder about where the DRWW should focus its sediment sampling efforts.
- Group discussion on when/where/when
- Mike Warner stated that SMC is taking event samples and are interested in taking more samples/continuous monitoring at Russel Rd. in relation to FoxConn and other issues.
- Jim stated that Wisconsin's agricultural practices and development projects are undoubtedly affecting the Des Plaines watershed, but the DRWW currently has no way to measure the extent to which Wisconsin is influencing the Des Plaines River watershed.
- Jim Anderson suggested a create a sediment transport subcommittee look into issue. Mike Adam and Joe Robinson on the wording of the proposal.
- Mike Warner elaborated on his observations of Wisconsin construction practices. WisDOT has not been careful with their erosion control on their county road KR project. These are the types of issues SMC is concerned with and needs more monitoring.
- Mike Adam will see how if he can add sediment sampling to any additional sites under the current budget.
- Mike Warner stated that SMC might be interested in allotting more money for robust sediment sampling.

### 10. Task Force Update

The MS4 Task Force needs a date, sponsor, and a topic for November. Michael Talbott stated that there may be other consultants that want to sponsor this seminar. Michael Warner stated that planning the seminar will not be a problem. Joe M will coordinate with Michael on MS4 Workshop in November.

### 11. Draft of 2018 Accomplishments

- Mike Warner would like comments sent to Angela Panateri, [APanateri@lakecountyil.gov](mailto:APanateri@lakecountyil.gov), within a week. The 2018 Accomplishments will be presented at the Annual General Membership meeting in February.
- Jim Anderson will get back to DRWW with the updated logo soon.

## 12. Monitoring/Water Quality Improvements Committee Update

- Joe Robinson talked about the new IEPA NSAC final report, which is out for public comment
- NSAC has geographic and order cutoffs for streams. He believes that the Des Plaines River watershed is in the 1<sup>st</sup> through 4<sup>th</sup> order stream category; therefore,
- The Phosphorous limit would be set to 0.113 mg/L and the Nitrogen limit would be set to 3.979 mg/L.
- The report states that NSAC did not have sufficient Illinois water quality data to make these recommendations. NSAC needs more benthic chlorophyll data to make more sound assessments. DRWW will have data based on currently sampling.
- Proposed Chloride standards for IL is currently in public comment period as well. Comment period is open until March. Seasonal limits would be: chronic-230 mg/L, acute-860 mg/L for summer; and chronic-640 mg/L, acute-1,010 mg/L in the winter. Chronic is the average of four consecutive samples.
- The board discussed chloride criteria and how the DRWW should proceed. Joe Robinson believes that the best step is to wait to see what other waste water treatment plants are doing to comply with the Chloride limits, and then follow their lead.
- The best way forward will most likely be to demonstrate that you're taking appropriate steps via procedural/BMPs and apply for a variance with the IEPA.

## 13. Lakes Committee Update

- Mike Adam will share an executive summary of the 2018 Assessment of Lake Water Quality, Model Predictions, and Nutrient Loading project after Lake Committee has approved it.
- His study investigated the extent to which Phosphorous loading was internal versus external in three glacial lakes within the Des Plaines watershed (Third, Druce, and Gages).
- Since data correlated with the model, they have higher confidence in using the model for other lakes going forward.

## 14. Proposal to create an ad hoc Nutrient Assessment Reduction committee

- Brian Dorn explained that the purpose of this committee is to interface with Geosyntec about the progress of the NARP.
- The formal creation of this committee will need to take place at the public meeting.
- Brief discussion on Brian Dorn's eligibility for being the chair of this subcommittee. Brian Dorn will not be eligible as an ex-officio board member. He will be eligible if he is still the President of the Exec Board. **Clarification made by Brian Dorn at the 3/21/19 Executive Board Meeting** *Per the bylaws, a subcommittee does not have to be chaired by an executive board officer.*

- As per the bylaws, at large members have ten calendar days before the general membership meeting, to submit nominations to the executive board for officer positions in the new term. All current officers and alternates were willing to maintain their officer roles in the new term. Michael Warner will email the general members soliciting any interest in serving on the Exec Board, which must be submitted 10 days prior to the annual meeting. Then list of current Exec Board members and other interested individuals will be e-mail to the General Membership. This list of officers and alternates will be voted on at the Annual General Membership meeting in February.

Motion to form the ad hoc Nutrient Assessment Reduction Plan Committee,

First Motion: Jim Anderson

Second Motion: Joe Robinson

The motion passed unanimously at 3:47 pm

#### 15. Old Business – 2019 Meeting Schedule

- The new meeting schedule was approved last month, it is viewable on the DRWW website. 2 General Membership meetings with 2 newsletters in between.

#### 16. Other Business – power BI usage agreement

Mike Warner spoke on power Bi. Chris Yoder is going to use power BI for his data analysis. DRWW members can view the data without a license. With a license, members can manipulate the data. Mike Warner said SMC will secure license.

#### 17. Preparation for the annual meeting

- The Sierra club will give a ten-minute talk about coal tar sealants. Rosemary will coordinate.
- There will be a roundtable discussion on the nutrient removal process by WWTP representatives. Brian will coordinate with Libertyville and Lindenhurst
- SMC is working on getting a representative from the IEPA to present on the NARP.

Next Executive Board Meeting March 21, 2019 at 2:00 pm, Lake County Central Permit Facility,  
Medium Conference Room

Motion to adjourn: Jim Anderson

Second motion: Paul kendzior

Adjourned at 3:55 pm



