
To: Mike Warner, Lake Co. SMC

From: Chris Yoder, MBI

Subject: February 2017 Monthly Activities Report

Date: March 6, 2017

Major activities by MBI under the Technical Services Agreement between DRWW and MBI in February 2017 included:

1. Routine activities under the DRWW-MBI Technical Services Agreement:
 - Provided a monthly report for January 2016.
2. QAPP revisions (Task 2):
 - No activity.
3. Accessing historical data for the Upper Desplaines watershed (Task 3):
 - No activity.
4. Bioassessment Sampling (Task 4):
 - Macroinvertebrate samples are being sorted and identified per IEPA protocols.
 - Macroinvertebrate sample identification was initiated.
5. Sediment sampling (Task 5):
 - This task is completed.
6. Data management (Task 6B):
 - Completed entry and proofing of fish and habitat data. Will initiate macroinvertebrate sample entry as samples are processed and identified.
7. Data Analysis (Task 6C):
 - DRWW provided POTW loadings data and chemical water column and sediment chemistry data allowing for MBI to proceed with the analysis of these datasets.
8. Anticipated activities in March:
 - Continue sorting of IEPA multihabitat macroinvertebrate samples to a 300 count subsample – we are producing approximately one sample sorted per business day
 - Continue to perform identifications of samples – this follows the sorting step.

8. Anticipated activities in March (continued):

- Continue with analysis of fish and habitat data.
- Continue with macroinvertebrate data entry.
- Analyze POTW loadings and compare between POTWs.
- Water/sediment chemistry data analysis – this consists primarily of developing graphic and tabular presentations and comparisons against Illinois WQS and other accepted assessment thresholds.

9. Other Related Activities:

- No other activities requested.