PROCEEDINGS OF THE BROWN COUNTY
LAND CONSERVATION SUBCOMMITTEE

Pursuant to Section 18.94 Wis. Stats., a regular meeting of the **Brown County Land Conservation Subcommittee** was held on Monday, July 23, 2018 in Room 200, Northern Building, 305 E. Walnut St., Green Bay, WI

Present: Supervisors Norbert Dantinne, Dave Kaster, Bernie Erickson, Alex Tran, Steve Deslauriers, Citizen Rep Stan Kaczmarek
Also Present: County Conservationist Mike Mushinski, Agronomist Nick Peltier and other interested parties.

I. **Call Meeting to Order.**

The meeting was called to order by Chairman Dantinne at 6:00 p.m.

II. **Approve/Modify Agenda.**

Motion made by Supervisor Erickson, seconded by Supervisor Kaster to approve. Vote taken. MOTION CARRIED UNANIMOUSLY

III. **Approve/Modify Minutes of June 25, 2018.**

Motion made by Supervisor Kaster, seconded by Supervisor Deslauriers to approve. Vote taken. MOTION CARRIED UNANIMOUSLY

Comments from the Public – None.

Land Conservation Department

1. **Budget Status Financial Report for June 2018 (unaudited).**

County Conservationist Mike Mushinski stated financially they were in good shape; they were still waiting for some revenue sources from DATCP and federal revenue sources.

Motion made by Supervisor Erickson, seconded by Supervisor Kaster to receive and place on file. Vote taken. MOTION CARRIED UNANIMOUSLY

2. **Open Positions Report.**

They were still searching for funding for the open Agronomist position that they needed to fill.

Motion made by Supervisor Kaster, seconded by Supervisor Deslauriers to receive and place on file. Vote taken. MOTION CARRIED UNANIMOUSLY

3. **Phosphorous Multi-Discharger Variance Participation-Request to approve participation.**

As Point Source chose their permit cycles, they could choose the phosphorus discharge variance which meant a $50 a pound variance and would start coming into Brown County. The county will use for staff and resources to do sentiment phosphorus reduction projects. They applied for this last year but the DNR required them to submit an application every year. It allowed the Point Source extra time to get to their limits. It was a Senator Cowles initiative a few years back. They applied for 2018 and have not received money but there was potential the county would greatly benefit by being involved in the multi-discharge variance.

NEW Water had monitoring sites throughout the Bay. There were USGS stations on the East River,

Hoffman Rd. and an intensive investigation on Plum Kankapot both East and West Plum. Most were in the lower Fox.

Motion made by Supervisor Deslauriers, seconded by Supervisor Tran to approve. Vote taken. MOTION CARRIED UNANIMOUSLY

4. **Directors Report.**
   a. **Lake Michigan Day-August 10th.**

      Mushinski referred to the handout noting the Champions of Conservation included the Lower Fox Demonstration Farms Network which was Brown County and NRCS. It was an honor to be recognized. They will receive an award on August 10th from the stakeholder group.

   b. **Upper East-Plum Kankapot Watershed projects-Update.**

      Agronomist Nick Peltier provided a PowerPoint (attached) regarding Plum and Kankapot, two of the watersheds on the lower Fox River that they'd been working in for 2.5 years now. The goal of their project was to reduce sediment and phosphorus that went out of the mouth of those two creeks and into the Fox River. They had some money that they could incentivize some practices from EPA and DNR. With limited resources they wanted to try and hit the field and areas that contributed the most sediment to phosphorus to those creeks. They ran a model called E-VAL that produced an erosion score and took into account the erodibility of the land and the connectivity of the land.

      Responding to Erickson, the only authority they had under county ordinance or under NR151 was if they were exceeding tolerable soil loss or if they're exceeding a phosphorus index of 6 in the nutrient management plan. Mushinski added if it was a stream, they would have the right to go in there and require buffers but it depended on the situation. Peltier informed a lot of things they were doing were voluntary and asking farmers to go above and beyond to meet the levels.

Motion made by Stan Kaczmarek, seconded by Supervisor Kaster to receive and place on file. Vote taken. MOTION CARRIED UNANIMOUSLY

Other

5. **Such Other Matters as Authorized by Law.**

6. **Adjourn.**

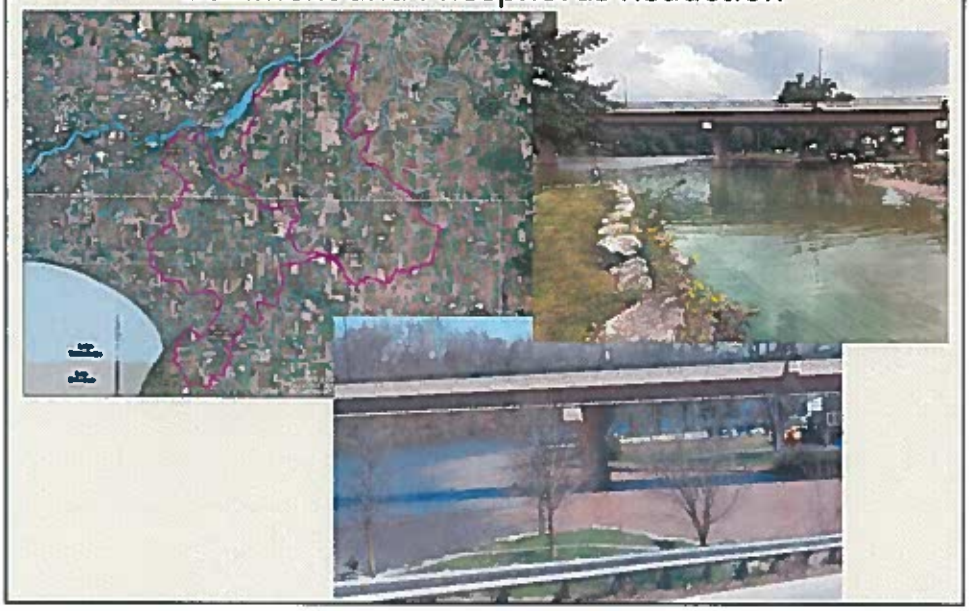
Motion made by Stan, seconded by Supervisor Deslauriers to adjourn at 6:24 pm. Vote Taken. MOTION CARRIED UNANIMOUSLY.

Respectfully submitted,

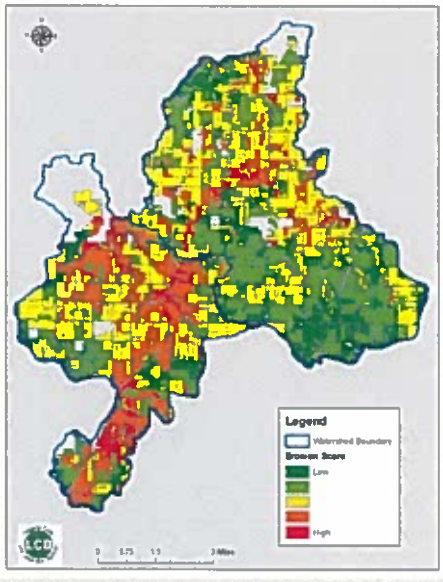
Alicia Loehlein
Administrative Coordinator - Transcriptionist

Plum & Kankapot Creek Watershed-

Sediment and Phosphorus Reduction



Prioritization



4b

BMPs

- Cover Crops- based on cover established
- Residue management/No-till- seasonal
- 35'/50' stream buffer- initial and yearly incentive payments
- Concentrated flow seeding- mapped and incentive payments
- Waterways, WASCB, Grade stabilization structures- 70-90% cost-share
- Streambank stabilization- 70-90% cost-share
- Treatment wetlands- Installed and 100% c/s

- **Funding provided through GLRI (EPA) and large scale TRM grant (DNR)**

Project Partners

Fox-Wolf Watershed Alliance

Outagamie County Est. 1851

The Nature Conservancy

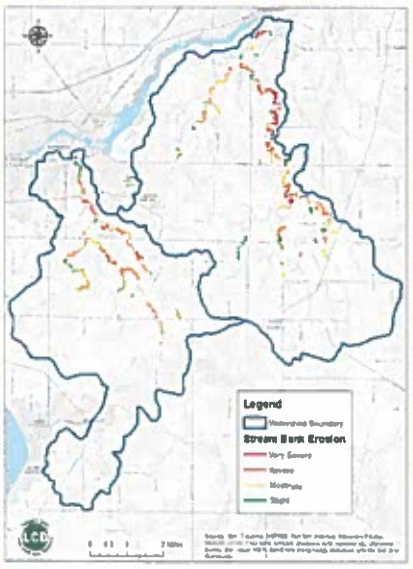
Great Lakes Restoration

Wisconsin Dept. of Natural Resources

Brown County Established 1818

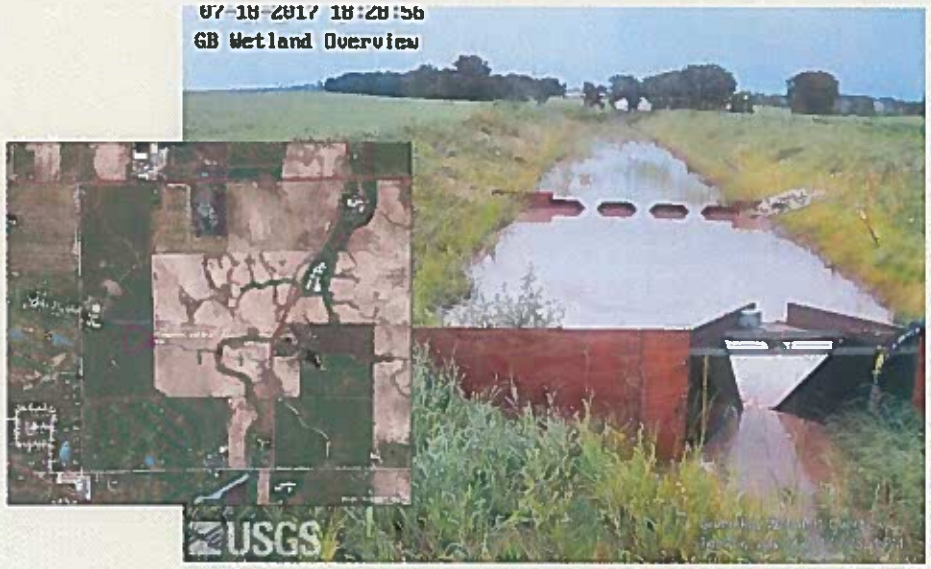
We Extend the Calumet to All Mankind

Streambank erosion



Photos Courtesy of Jan Hooper, Brown County LWCD

Treatment wetland



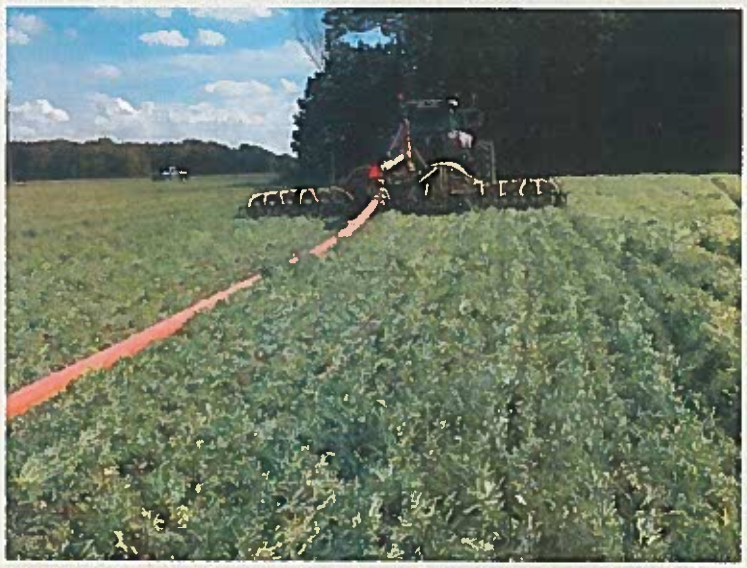
Buffers installed since 2016

- 35 ft buffers: 58.5 ac
  - $4,000/acre for 15 year contract
- 50 ft buffers: 51.77 ac
  - $4,500/acre for 15 year contract

Cover Crops-Fall
Residue Management- Spring

- Cover crops: $10-53/acre
- Residue Management: $18.50-$24.50/acre

Equipment- Bazooka manure injector



Equipment- Manure Injector

Equipment- ZRX Corn Planter

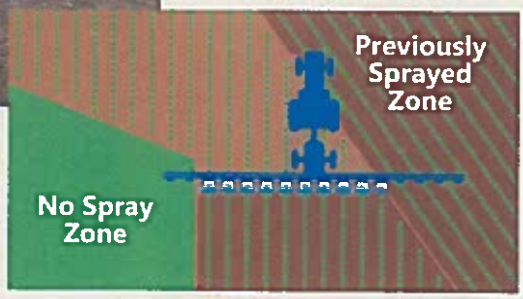
Equipment- Interseeder

Equipment- Interseeder

Side-dress manure

Equipment- Valmar seeder

Concentrated Flow Seeding



Upper East River Watershed

Prioritization

BMPs

- Cover Crops- based on cover established
  - $10-$53/acre
- Residue management/No-till- seasonal
  - $18.50-$24.50/acre
- 35'-50' stream buffer- initial and yearly incentive payments
  - $3,000-$6,000/acre

- **Funding provided through GLRI (EPA) grant**