



February 2012

To: Board of Managers

From: Tera Guetter, Administrator

Subject: **TOWARDS A 2012 WORKPLAN**

- In the attached proposed 2012 Workplan, the two RMP approaches are highlighted: District-Wide Activities and Lake Water Quality Management Area Activities. As before, this is a working document, and it will serve as a start for 2012 proposed activities.
- Also included is a summary of 2011 Accomplishments

| District-Wide Goals   | Continuing  | Special 2012 Initiatives   | Staff/Time Allocation  | Other Resources Required  |
|---|---|--|--|---|
| <b>Education</b> <ul style="list-style-type: none"> <li>• Publications, support of organizations, etc</li> <li>• Recruit more volunteers</li> <li>• Upgrade website</li> <li>• Awards/Demo Projects</li> <li>• Forums on various topics</li> </ul>  | (see also Water Management, and BMP's) <ul style="list-style-type: none"> <li>• Tours for Managers and Advisors</li> <li>• Presentations for service groups, lake associations, classes, fair booth, festivals</li> <li>• Assistance to educational programs</li> <li>• Publish annual summaries, lake info sheets</li> <li>• Web page modernization</li> <li>• Continuing education for managers and staff – workshops, conferences (GF)</li> <li>• Support of LA's and COLA</li> <li>• News articles</li> </ul> | <ul style="list-style-type: none"> <li>• Local Boat Show Booth</li> <li>• Monthly Hodge Podge radio spot</li> <li>• Annual Updates with County/City</li> <li>• 2012 Summer Living Catalog</li> <li>• Convene Citizen Advisory Committee – appointments, Tour, Awards (4 times per year)-Organize walk-about for zebra mussels (via Lake Associations)</li> <li>• Rain Barrel Promotions-Community Ed, Elementary School</li> <li>• Water Festival-Zebra Mussel Traveling Trunks</li> <li>• AIS video distribution (\$500)</li> <li>• AIS Research Conference (\$1,500)</li> <li>• AIS Becker County Task Force</li> <li>• AIS Public Awareness Grant Match (\$ 1,500)</li> <li>• AIS Legislative Summit (\$500)</li> </ul> | Guetter – 10% (Full time)<br>Omberg – 30% (Full time)<br>Hecock – 25% (1/4 time)   | <ul style="list-style-type: none"> <li>• \$4,000 –Education (GF-Outreach)</li> <li>• \$4,000 – AIS Education (LMP-01 – Grant)</li> </ul>  |
| <b>Data Collection (monitoring)</b> <ul style="list-style-type: none"> <li>• Maintain monitoring program</li> <li>• Upgrade monitoring equipment</li> <li>• Prepare lake-specific evaluations</li> <li>• Integrate monitoring and GIS</li> <li>• More citizen volunteers</li> <li>• Coordinate with other agencies</li> </ul> | <ul style="list-style-type: none"> <li>• Update monitoring plan, including shoreline surveys and special needs</li> <li>• Execute monitoring plan</li> <li>• Recruit monitoring volunteers</li> <li>• Employ one - two summer interns</li> <li>• Add more lakes as determined</li> <li>• Training/seminars/conferences/courses</li> </ul>   | <ul style="list-style-type: none"> <li>• Recruit Monitoring volunteers</li> <li>• Hire 1-2 Interns</li> <li>• Review PRWD job position</li> </ul>  | <ul style="list-style-type: none"> <li>• Guetter – 10%(Full Time)</li> <li>• Hecock – 25%(1/4 time)</li> <li>• Interns – seasonal</li> <li>• Omberg – 10% (Full Time)</li> </ul> | <ul style="list-style-type: none"> <li>• \$11,000 - intern wage (SADAF/GEN)</li> <li>• \$ 1,600- fuel, supplies, mileage (SDAF)</li> <li>• \$8,000 RMB Lab (SADAF)</li> <li>• \$ 10,000 (CWP – Pearl – Technician reimburse)</li> <li>• \$500 Capital Outlay (SADAF)</li> </ul> |
| <b>BMP's to Reduce Phos.and Sediment</b> <ul style="list-style-type: none"> <li>• Promote BMP's</li> <li>• Promote, acquire buffer zones</li> </ul>   | (see also Water Mgmt Reg and Educ sections) <ul style="list-style-type: none"> <li>• Encourage vegetative buffer easements along riparian areas</li> <li>• Encourage other BMP's</li> </ul>   | <ul style="list-style-type: none"> <li>• Partner with NRCS for Ag BMP implementation for Campbell Crk</li> <li>• Rice Lake Project</li> <li>• Restore-the-shore – HWY 10 overlook - Maintenance</li> </ul>   | Guetter – 20%(Full Time)   | <ul style="list-style-type: none"> <li>• \$20,000 – AG BMP cost share (UTY- Grant Match)</li> <li>• \$30,000 - Rice Lake, Easement (UTY- Grant Match)</li> <li>• \$400 – R.T.S. Maintenance burn (UTY )</li> </ul>  |
| <b>Water Mgmt. Regulation (incl permitting)</b> <ul style="list-style-type: none"> <li>• Advocate regulations to promote water quality</li> <li>• Advocate rigorous and consistent enforcement of District and other rules</li> <li>• Coordinate with other units of government</li> </ul>                                    | (see also BMP's and Education sections)<br>Continuous rigorous and consistent enforcement of Rules <ul style="list-style-type: none"> <li>• practice oversight on County and City activities relating to water quality</li> <li>• Advocate for City, County and State water quality enhancement</li> <li>• Serve on inter-agency committees and panels</li> </ul>   | <ul style="list-style-type: none"> <li>• Update Permit application</li> <li>• Website - Permit information/location links</li> </ul>   | Guetter – 20%(Full Time)<br>Omberg – 15% (Full-time)<br>Becker SWCD  | <ul style="list-style-type: none"> <li>• \$13,500 – Permit reviews, Engineering Assistance, Permitting / Materials (UTY – Technical Assistance)</li> </ul>  |
| <b>Lake Management Planning</b> <ul style="list-style-type: none"> <li>• Promote LMP concept; encourage adoption of special protection zones</li> </ul>   | <ul style="list-style-type: none"> <li>• Continue to motivate and assist lake associations to become proactive in promoting planning</li> <li>• Encourage the adoption of special protection zones (see also Water Management Reg)</li> <li>• Project 1B/1C Aquatic Vegetation Management</li> </ul>  | <ul style="list-style-type: none"> <li>• Flowering Rush Research studies?</li> <li>• AIS Research symposium</li> <li>• PRWD /DNR Aquatic Plant Vegetation Management Plans – B &amp; L Detroit , Curfman, Sallie, Melissa; Public Input;</li> </ul>  | Guetter – 25%(full Time)<br>Hecock - 50% (1/4time)   | <ul style="list-style-type: none"> <li>• \$36,050– 2011 Studies Final Pmts (LMP -01/ City DL)</li> <li>• \$110,000 – 2012 Research (LMP-01)</li> <li>• \$2,000 - Research conf/meetings (LMP-01)</li> <li>• \$115,000 FR Chemical Control (1B &amp; 1C)</li> </ul>              |
| <b>Septic System Management</b> <ul style="list-style-type: none"> <li>• Encourage septic BMP's, and rigorous enforcement of regulations</li> </ul>   | <ul style="list-style-type: none"> <li>• Monitor permits for installation of ISP's</li> <li>• Encourage cluster systems (Sallie/Melissa)</li> <li>• Promote alternative approaches</li> <li>• Work with landowner groups and local govts.</li> </ul>  | <ul style="list-style-type: none"> <li>• Becker County ISTS Surveys – Pearl</li> <li>• Advocate for Little Floyd</li> <li>• Email Lake Township on update on clusters around Sal/Mel.</li> </ul>   | Guetter - N/A  |   |
| <b>Ditch Management</b>   | Ensure proper ditch management – (Beaver)   | <ul style="list-style-type: none"> <li>• Rice Lake Project Requirements</li> <li>• Campbell Creek buffers</li> <li>• Fund Balances</li> </ul>  | Guetter - 5%(full Time)  | <ul style="list-style-type: none"> <li>• \$14,000 (D11/12, D13, D14)</li> </ul>   |
| <b>General Administration</b> <ul style="list-style-type: none"> <li>• Project overview, grants, reports, budgets, payroll, etc; office equipment maintenance</li> </ul>  | <ul style="list-style-type: none"> <li>• Ensure productive employees</li> <li>• Maintain positive workplace conditions</li> <li>• Plan and manage finances; 2011 Audit</li> <li>• Office Equipment Updates</li> </ul>   | <ul style="list-style-type: none"> <li>• Update computers (2) + monitors</li> <li>• Update software (Microsoft Office/Windows)</li> <li>• Hire for position</li> <li>• Phone system – try new cords first</li> <li>• Update office entrance</li> </ul>   | Guetter – 10%(full Time)<br>Omberg 45% (full time)   | \$7,000 -office equipment – (GF)<br>\$ 5,000 – Consultant - Policies /Review(GF)<br>\$14,000 – Audit, Attorney/Eng Mtg attendance(GF)   |

| Lake Water Quality Management Areas<br>Goals  | 2012 Special Initiatives  |
|---|---|
| <p><b>Sallie-Melissa</b><br/><i>(lower Lake Sallie's TSI to &lt;50)</i></p> <ul style="list-style-type: none"> <li>• Reduce nutrients from upstream area</li> <li>• Treat Ditch 14 storm water and sewage discharges</li> <li>• Control exotic plants</li> <li>• Investigate groundwater</li> <li>• Control Sallie internal loading</li> </ul>  | <ul style="list-style-type: none"> <li>• St. Clair TMDL Listings</li> <li>• Lake-wide herbicide treatment for flowering rush</li> <li>• Complete DNR Lake Vegetation Management Plans [LVMP's] Sallie, Melissa</li> <li>• Investigate/implement Boat Launch Inspection Program- COLA/LA</li> <li>• Work with Becker Co. AIS Task Force &amp; COLA</li> <li>• Review Project 1B - resources (equip/staff)</li> <li>• Continue to monitor Airport Expansion – WQ Issues - City of DL WWTP impacts, storm water plan.</li> </ul> |
| <p><b>Detroit/Rice</b><br/><i>(reduce Big DL TSI by 5%; maintain recent gains for Little Detroit)</i></p> <ul style="list-style-type: none"> <li>• reduce OP to Big Detroit</li> <li>• study/control BD internal loading</li> <li>• control exotic aquatic plants</li> <li>• reduce untreated storm water discharges</li> <li>• obtain base data on lakes</li> </ul>  | <ul style="list-style-type: none"> <li>• Complete engineering and easement acquisition Rice Lake Wetland Project</li> <li>• Complete PRWD Aquatic Plant Vegetation Plan and DNR Lake Vegetation Management Plans [LVMP's] for Big, Little Detroit, Curfman</li> <li>• Continue lake wide flowering rush herbicide treatment and mechanical harvesting of CLP</li> <li>• Review Project 1C - resources (equip/staff)</li> <li>• Investigate/implement Boat Launch Inspection Program – City DL, LA/Becker COLA</li> </ul>      |
| <p><b>Long</b><br/><i>(maintain mesotrophy; promote shoreline BMP's)</i></p> <ul style="list-style-type: none"> <li>• advocate stricter shoreline regulations</li> <li>• minimize impacts from nearby developments</li> </ul>   | <ul style="list-style-type: none"> <li>• Hwy 59/Hwy 10 Road Study; Airport Expansion Impacts</li> <li>• Investigate/implement Boat Launch Inspection Program – City DL, LA/Becker COLA</li> </ul>   |
| <p><b>Floyd/Campbell</b><br/><i>(lower N Floyd TSI to &lt;50)</i></p> <ul style="list-style-type: none"> <li>• BMP's to reduce peak flows and sediment from Campbell Creek</li> <li>• BMP's in Floyd basins</li> <li>• monitor and mitigate landfill groundwater migration</li> <li>• obtain base data for other lakes</li> </ul>   | <ul style="list-style-type: none"> <li>• Work with NRCS and Landowners - AG BMP Plan for Campbell Creek Area; provide BMP Cost-share assistance</li> <li>• Advocate for Little Floyd Lake listing for Becker County ISTS compliance Study</li> <li>• Investigate/implement Boat Launch Inspection Program – LA/Becker COLA</li> </ul>   |
| <p><b>Pearl/Loon</b><br/><i>(improve knowledge and citizen interest, address runoff problems)</i></p> <ul style="list-style-type: none"> <li>• Obtain base data on all lakes</li> <li>• Improve diagnosis of Pearl WQ</li> <li>• Investigate ag runoff issues; prescribe solutions</li> <li>• Encourage citizen involvement</li> </ul>  | <ul style="list-style-type: none"> <li>• Continue CWP Grant - (2010 – 2013) <ul style="list-style-type: none"> <li>○ Sediment Core Study, Lake/inlet monitoring</li> <li>○ Groundwater, Outlet/Discharge (MERRITT)</li> <li>○ Shoreline Survey</li> <li>○ Lake Association Mtgs (4X); Technical Advisory – (4X's)</li> <li>○ Semi-Annual Reports (Feb, August); begin final report</li> <li>○ Subwatershed Attributes</li> </ul> </li> </ul>  |
| <p><b>Small Lakes</b><br/><i>(improve knowledge and citizen interest)</i></p> <ul style="list-style-type: none"> <li>• Obtain data on 7 additional lakes</li> <li>• Encourage citizen involvement, especially lake associations, and CLMP volunteers</li> <li>• Continue to collect data on Meadow, Johnson, Abbey</li> </ul>   | <ul style="list-style-type: none"> <li>• recruit/retain volunteer observers (Secchi readings)</li> </ul>  |
| <p><b>Fox/Munson</b><br/><i>(promote implementation of aggressive shoreline BMP's)</i></p> <ul style="list-style-type: none"> <li>• Advocate for stricter shoreline controls</li> <li>• Minimize impacts from highway, ag, and gravel</li> </ul> <p>Promote involvement of Munson residents</p>   | <ul style="list-style-type: none"> <li>• recruit/retain volunteer observers (Secchi readings)</li> <li>• Prototype LWQMA plan (Complete)</li> </ul>   |
| <p><b>Brandy</b><br/><i>(prevent further degradation, develop options for improved quality)</i></p> <ul style="list-style-type: none"> <li>• Obtain base data on Oar, Wine and Oak lakes, complete Brandy baseline study</li> <li>• Coordinate District efforts with MPCA's landfill remediation project <ul style="list-style-type: none"> <li>• Identify/address runoff problems</li> <li>• Develop Brandy's WQ improvement plan</li> </ul> </li> </ul> | <p>No actions in 2012</p>   |

