



January 2008

To: Board of Managers

From: Tera Guetter, Administrator

Subject: **TOWARDS A 2008 WORKPLAN**

- In the attached proposed 2008 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 2008 proposed activities.
- Also included is an updated copy of the 2007 activities.

The yellow highlighted sections represent completed tasks;

The blue highlighted sections represent new/additional tasks;

Unmarked sections were not undertaken by choice or by lowered priority ranking.

| District-Wide Activities | Continuing Activities | 2008 Initiatives | Staff/Time Allocation | Other Resources Required |
|--|--|--|---|--|
| Education | (see also Water Management, and BMP's) <ul style="list-style-type: none"> Tours for Managers and Advisors Presentations for service groups, lake associations, classes Assistance to educational programs Publish annual summaries (GF) Web page Continuing education for managers and staff – workshops, conferences (GF) | <ul style="list-style-type: none"> Develop 2008 education plan Conduct workshops – landscaper /shoreland owners Develop new materials Promote other area workshops Manager messaging session | Guetter – 15% (Full time) Hecock – 5% (1/2 time) Baer – 30% (Full time) | <ul style="list-style-type: none"> \$4,000 –Education (GF-Outreach) |
| Data Collection (monitoring) | <ul style="list-style-type: none"> Lake and stream monitoring shoreline surveys Intensive monitoring in select areas | <ul style="list-style-type: none"> Prepare 2008 monitoring plan, including shoreline surveys and special needs TMDL & Impairment Assessments Replace/upgrade monitoring equip. GIS Software Upgrade Hire Technician | <ul style="list-style-type: none"> Guetter – 5%(Full Time) Hecock – 20%(1/2 time) Technician 85% (Full Time) Interns – 1-2 full-time summer, 1 part-time annual | <ul style="list-style-type: none"> \$11,500 - intern wages (SDAF) \$ 7,000 - fuel, supplies, mileage, outside lab (SDAF) \$4,000 GIS Computer /Software (GF -Outlay) \$5,000- Equipment (SDAF) |
| BMP's to Reduce Phosphorus and Sediment | (see also Water Management Regulation and education) <ul style="list-style-type: none"> Encourage vegetative buffer easements along riparian areas | <ul style="list-style-type: none"> Cost-share program for buffers and Ag BMP's- Campbell Crk. (Pearson) Restore/shore grant implementation Rice Lake Nutrient Reduction Project | Guetter – 15%(Full Time) Hecock 5% (1/2 Time) | <ul style="list-style-type: none"> \$2,000 – AG BMP cost share (UTY- Grant Match) Grant Match Restore/Shore \$8,000 – (UTY – Grant Match) |
| Water Management Regulation (incl permitting) | (see also BMP's and education) <ul style="list-style-type: none"> Continuous rigorous and consistent enforcement of Rules (see also education and BMP's); Advocate for City, County and State shoreline protection upgrades Serve on Becker County Ordinance Review Committee Becker EAW Technical Review Committee | <ul style="list-style-type: none"> Review allocation of permitting workload Revise/streamline permit forms Regional stormwater plans for Downtown and North Area re-development –City of DL Review and revise Rules Prepare info for MS4 Coordination | Guetter – 25%(Full Time) Hecock – 15%(1/2 time) Baer – 30% (Full-time) | <ul style="list-style-type: none"> \$5,000 – Engineering Assistance, Permitting Materials (UTY – Technical Assistance) |
| Lake Management Planning | <ul style="list-style-type: none"> Continue to motivate and assist lake associations to become proactive in promoting planning Encourage the adoption of special protection zones (see also Water Management Reg) | <ul style="list-style-type: none"> Begin aquatic plant management planning process/Obtain baseline data AQ. Exotic Species Control | Guetter – 10%(Full Time) Hecock - 40% (1/2 time) | <ul style="list-style-type: none"> \$35,000(HPIF – Management Planning) \$70,000 Chemical Control (1B & 1C) |
| Septic System Management | Encourage septic BMP's, and rigorous enforcement of regulations | <ul style="list-style-type: none"> Complete Sewer Study Planning Document Hold information meetings | Guetter – 5%(Full Time) | <ul style="list-style-type: none"> \$23,000 (UTY -2nd Half Payment) |
| Ditch Management | Ensure proper ditch management – (Beaver) | | Guetter – 5%(Full Time) | |
| General Administration | Project overview, grants, reports, budgets, payroll, etc; office equipment maintenance | <ul style="list-style-type: none"> Prepare new and revised job descriptions/Hire new staff Purchase new equipment Acquire new space Prepare and implement advisory committee plan. | Guetter – 20%(Full Time) Hecock – 15% (1/2 time) Baer 40% (Full time) Secretary – 100% (part time/seasonal) Technician – 15%(Full Time) | \$10,000 -office equipment – printer,computer/software upgrade (GF) \$16,000 – Space/Rent (GF) |

| Lake Water Quality Management Areas(<i>Goals and Action Plan</i>) | 2008 Activities | Staff Time and Resources |
|---|--|---|
| <p>Sallie-Melissa (<i>lower Lake Sallie's TSI to <50</i>)</p> <ul style="list-style-type: none"> Reduce nutrients from upstream area Treat Ditch 14 stormwater and sewage discharges Control exotic plants Investigate groundwater Control Sallie internal loading | <ul style="list-style-type: none"> Continue herbicide treatment for flowering rush Review mechanical harvesting activities Begin aquatic plant management planning process – Airport Expansion – WQ Issues - City of DL WWTP impacts, storm water plan. Downtown stormwater management - Regional Plan Sewer Study Planning Document/Information Meetings. Baseline data for Mill Pond (2007-2009) | <p>Resources for LWQMA's will be applied as follows:</p> <ol style="list-style-type: none"> Interns will complete baseline studies of 4 new lakes, start 1 new one. More Manager and staff time to sewer study initiative/\$23,250 for 2nd half payment of study |
| <p>Detroit/Rice (<i>reduce Big DL TSI by 5%; maintain recent gains for Little Detroit</i>)</p> <ul style="list-style-type: none"> reduce OP to Big Detroit study/control BD internal loading control exotic aquatic plants reduce untreated stormwater discharges obtain base data on lakes | <ul style="list-style-type: none"> Rice Lake Wetland - obtain easements (RIM, WRP, CWP GRANT/LOAN) Baseline data for Glawe & Curfman (2006-2008) Begin aquatic plant mgmt plan process and mapping of curly-leaved pondweed. Continue flowering rush herbicide treatment/Review mechanical harvesting activities Develop North Area City of DL Regional stormwater Management plan (include point source treatment plan for Industrial Park (BTD AREA). | <ol style="list-style-type: none"> Staff will plan exotic plant harvesting and chemical treatment; (approximately \$100,000) Manager and staff time will increase for Rice Project \$35,000 for Aquatic MGT Planning |
| <p>Long (<i>maintain mesotrophy; promote shoreline BMP's</i>)</p> <ul style="list-style-type: none"> advocate stricter shoreline regulations minimize impacts from nearby developments | <ul style="list-style-type: none"> encourage city to tighten regulations oversight for planned development projects | |
| <p>Floyd/Campbell (<i>lower N Floyd TSI to <50</i>)</p> <ul style="list-style-type: none"> BMP's to reduce peak flows and sediment from Campbell Creek BMP's in Floyd basins monitor and mitigate landfill groundwater migration obtain base data for other lakes | <ul style="list-style-type: none"> Baseline data for Sands Lake (2006-2008) BMP Cost-share assistance for Pearson See Monitoring Section Sewer Study Planning Document/Information Meetings. | <ol style="list-style-type: none"> More manager and staff time to Sewer Study initiative/\$23,250 for 2nd half payment of Study AG BMPS-Pearson |
| <p>Pearl/Loon (<i>improve knowledge and citizen interest, address runoff problems</i>)</p> <ul style="list-style-type: none"> Obtain base data on all lakes Improve diagnosis of Pearl WQ Investigate ag runoff issues; prescribe solutions Encourage citizen involvement | <ul style="list-style-type: none"> Continue to obtain baseline data on Loon Lake (2006-2008) Build lake data base from existing data | |
| <p>Small Lakes (<i>improve knowledge and citizen interest</i>)</p> <ul style="list-style-type: none"> Obtain data on 7 additional lakes Encourage citizen involvement, especially lake associations, and CLMP volunteers Continue to collect data on Meadow, Johnson, Abbey | <ul style="list-style-type: none"> Hold meeting for land owners, including lake residents; recruit/retain volunteer observers Begin to build data base from existing sources Glawe, Curfman, Loon, Sands – (begun 2006) Mill Pond (begun 2007) | |
| <p>Fox/Munson (<i>promote implementation of aggressive shoreline BMP's</i>)</p> <ul style="list-style-type: none"> Advocate for stricter shoreline controls Minimize impacts from highway, ag, and gravel <p>Promote involvement of Munson residents</p> | <ul style="list-style-type: none"> Hold meeting for Munson residents | |
| <p>Brandy (<i>prevent further degradation, develop options for improved quality</i>)</p> <ul style="list-style-type: none"> Obtain base data on Oar, Wine and Oak lakes, complete Brandy baseline study Coordinate District efforts with MPCA's landfill remediation project <ul style="list-style-type: none"> Identify/address runoff problems Develop Brandy's WQ improvement plan | <ul style="list-style-type: none"> Build lake data base from existing data | |