



February 26, 2010

To: Board of Managers

From: Tera Guetter, Administrator

Subject: **TOWARDS A 2010 WORKPLAN**

- In the attached proposed 2010 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 2010 proposed activities.
- Also included is a summary of 2009 Accomplishments

District-Wide Goals	Continuing	Special 2010 Initiatives	Staff/Time Allocation	Other Resources Required
Education <ul style="list-style-type: none"> • Publications, support of organizations, etc • Recruit more volunteers • Upgrade website • Awards/Demo Projects • Forums on various topics 	(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, fair booth, festivals • Assistance to educational programs • Publish annual summaries, lake info sheets • Web page modernization • Continuing education for managers and staff – workshops, conferences (GF) • Support of LA's and COLA • News articles 	<ul style="list-style-type: none"> • “Restore the Shore” DL overlook – Signage (DNR Grant Funds/25% District Match) 	Guetter – 10% (Full time) Hecock – 20% (1/4 time) Omberg – 20% (Full time) Almeida- 5% (Full time)	<ul style="list-style-type: none"> • \$4,000 –Education (GF-Outreach)
Data Collection (monitoring) <ul style="list-style-type: none"> • Maintain monitoring program • Upgrade monitoring equipment • Prepare lake-specific evaluations • Integrate monitoring and GIS • More citizen volunteers • Coordinate with other agencies 	<ul style="list-style-type: none"> • Update monitoring plan, including shoreline surveys and special needs • Execute monitoring plan • Recruit monitoring volunteers • Employ one summer intern • Add more lakes as determined • Training/seminars/conferences/courses 	<ul style="list-style-type: none"> • Purchase monitoring equipment with CWP Pearl grant • Upgrade modeling knowledge (RUSTLE, BATHUB) 	<ul style="list-style-type: none"> • Guetter – 5%(Full Time) • Hecock – 20%(1/4 time) • Almeida 85% (Full Time) • Intern – seasonal 	<ul style="list-style-type: none"> • \$5,500 - intern wage (SADAF) • \$ 2,100- fuel, supplies, mileage (SADAF) • \$10,000 RMB Lab (SADAF) • \$22,000 (UTILITY – Pearl CWP Grant Match) • \$ 10,000 (CWP – Pearl – Technician reimburse) • \$500 Capital Outlay (SADAF)
BMP's to Reduce Phos.and Sediment <ul style="list-style-type: none"> • Promote BMP's • Promote, acquire buffer zones 	(see also Water Mgmt Reg and Educ sections) <ul style="list-style-type: none"> • Encourage vegetative buffer easements along riparian areas • Encourage other BMP's 	<ul style="list-style-type: none"> • Prepare Ag BMP plan for Campbell Crk with NRCS • Complete Restore/shore hwy 10 project • Rice Lake Project 	Guetter – 20%(Full Time) Hecock 15% (1/4Time) Almeida 5% (Full Time)	<ul style="list-style-type: none"> • \$10,000 – AG BMP cost share, Rice Lake, Easement Signage (UTY- Grant Match)
Water Mgmt. Regulation (incl permitting) <ul style="list-style-type: none"> • Advocate regulations to promote water quality • Advocate rigorous and consistent enforcement of District and other rules • Coordinate with other units of government 	(see also BMP's and Education sections) <ul style="list-style-type: none"> • Continuous rigorous and consistent enforcement of Rules • practice oversight on County and City activities relating to water quality • Advocate for City, County and State water quality enhancement • Serve on inter-agency committees and panels 	<ul style="list-style-type: none"> • Complete regional storm water plans for Downtown and North Area re-development –City of DL • Update forums and website 	Guetter – 20%(Full Time) Omberg – 30% (Full-time) Becker SWCD	<ul style="list-style-type: none"> • \$12,500 – Permit reviews, Engineering Assistance, Permitting Educational Materials (UTY – Technical Assistance)
Lake Management Planning <ul style="list-style-type: none"> • Promote LMP concept; encourage adoption of special protection zones 	<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) • Project 1B/1C Aquatic Vegetation Management 	<ul style="list-style-type: none"> • PRWD Aquatic Plant Vegetation Management Plan; Complete Lake Vegetation Management Planning project on 7 lakes ; Public Input; Review AIS funding 	Guetter – 15%(full Time) Hecock - 45% (1/4time) Almeida 5% (full Time)	<ul style="list-style-type: none"> • \$5,000 - FR Research Meeting (LVMP HPIF) • \$25 – \$50,000 – FR Phenology Study (LVMP PIF) • \$50,000 – FR Mesocosm Study (LVMP – HPIF/City of Detroit Lakes) • \$72,000 FR Chemical Control (1B & 1C)
Septic System Management <ul style="list-style-type: none"> • Encourage septic BMP's, and rigorous enforcement of regulations 	<ul style="list-style-type: none"> • Monitor permits for installation of ISP's • Promote alternative approaches • Work with landowner groups and local govts. 	<ul style="list-style-type: none"> • Encourage cluster systems (Sallie/Melissa); Provide assistance/information. 	Guetter - N/A	
Ditch Management	Ensure proper ditch management – (Beaver)	<ul style="list-style-type: none"> • Rice Lake Project Requirements 	Guetter - 7%(full Time)	
General Administration <ul style="list-style-type: none"> • Project overview, grants, reports, budgets, payroll, etc; office equipment maintenance 	<ul style="list-style-type: none"> • Ensure productive employees • Maintain positive workplace conditions • Plan and manage finances; 2009 Audit • Office Equipment Updates 	<ul style="list-style-type: none"> • Prepare managers' job descriptions, conflict of interest policy, financial policy; By-Law Review; Data Practices Policy Review. 	Guetter – 23%(full Time) Omberg 50% (full time) Seasonal Receptionist June – August (Part time)	\$7,000 -office equipment – (GF) \$ 5,000 – Consultant - Policies /Review(GF) \$6,000 – Seasonal Office Support (GF) \$10,000 – Audit, Attorney/Engineer Meeting attendance(GF)

Lake Water Quality Management Areas Goals	2010 Special Initiatives
<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"> • Review Airport Expansion – WQ Issues - City of DL WWTP impacts, storm water plan. • Assist City of DL with Downtown storm water management regional plan • Continue herbicide treatment for flowering rush • Complete DNR Lake Vegetation Management Plans [LVMP's] for Muskrat, Sallie, Melissa, Mill Pond • Data Collection – TP/TN Ratio 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 storm water discharges • obtain base data on lakes 	<ul style="list-style-type: none"> • Obtain funding; complete engineering and easement acquisition Rice Lake Wetland Project • Complete PRWD Aquatic Plant Vegetation Plan and DNR Lake Vegetation Management Plans [LVMP's] for Big, Little Detroit, Curfman • Flowering Rush Chemical Treatment study (ACOE Mesocosm ; Concordia/Uof Miss Phenology) • Host FR Research symposium • Continue flowering rush herbicide treatment and mechanical harvesting of CLP • Complete Storm water Credit Agreement with the City of DL • Data Collection – Bottom Sampling
<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"> • Hwy 59/Hwy 10 Road Study; Airport Expansion Impacts
<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"> • Work with NRCS and Landowners - AG BMP Plan for Campbell Creek Area; provide BMP Cost-share assistance • Advocate for Little Floyd Lake listing for Becker County ISTS compliance Study • Review of North and Little Floyd monitoring data; Bottom Sampling
<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"> • Undertake CWP project (grant and loan) three-year study (2010 – 2012)
<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 • DNR Lake Vegetation Management Plan for Mill Pond • Assess rationale for obtaining small lake data (limited staff resources)
<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"> • Obtain baseline data for Wine (2009-2011) <ul style="list-style-type: none"> • Review possible attributing factors for recent years WQ improvements of Brandy

