



February 2014

To: Board of Managers

From: Tera Guetter, Administrator

Subject: **TOWARDS A 2014 WORKPLAN**

- In the attached proposed 2014 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 2014 proposed activities.
- Also included is a summary of 2013 Accomplishments

District-Wide Goals	Continuing	2014 New Activities	Staff/Time Allocation	New 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, water festival, boat show • Assistance to educational programs • Publish annual summaries, lake info sheets • Website/Facebook • Continuing education for managers and staff – workshops, conferences (GF) • Support of LA's and COLA • News articles/Monthly Hodge Podge radio • Updates to City/County • Becker and MN State AIS task forces 	<ul style="list-style-type: none"> • PRWD COLA Representative meeting, Citizen Advisory Council • Upgrade educational display & AIS trunk • Collaborate with SWCD on Shoreline Restoration series & material. • Advocate for Fox/Munson Lake Association • PRWD COLA Representative meeting, Citizen Advisory Council 	Guetter – 15% (Full time) Moses – 15% (Full time) Staldine -20% (Full time)	<ul style="list-style-type: none"> • 2000 – Website upgrade – GEN • \$5000 - GIS Extension – UTY • \$500 – Workshop • \$1,000 Educational material costs (printing, signage)
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 additional monitoring volunteers • Employ one - two summer interns • Add more lakes as determined • Training/seminars/conferences/courses • Analyze data; submit to state/fed sites 	<ul style="list-style-type: none"> • Targeted monitoring supporting St. Clair TMDL process • Targeted monitoring before/during Rice Lake construction 	<ul style="list-style-type: none"> • Guetter – 5%(Full Time) • Staldine -20% (Full time) • Interns – seasonal • Moses– 10% (Full Time) 	<ul style="list-style-type: none"> • \$_____ - Rice Lake study • \$5,000 – Sonde, flow meter upgrades & repairs – SADAF • \$1,600 – Utility trailer • \$200 – GPS replacement
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) Encourage vegetative buffer easements along riparian areas <ul style="list-style-type: none"> • Encourage other BMP's • Restore-the-shore – HWY 10 overlook maint. 	<ul style="list-style-type: none"> • Complete Rice Lake Project • Restore the Shore, contractor education series 	Guetter – 30%(Full Time) Staldine – 5% (Full Time)	<ul style="list-style-type: none"> • \$_____ - Rice Lake, Easement (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) Continuous rigorous and consistent enforcement of Rules <ul style="list-style-type: none"> • 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 • Update Website - Permit information/location links 	<ul style="list-style-type: none"> • Update Permit forms & supporting materials • Explore rule revision process with RMP • Revised Management Plan (Hecock) • Work with county & city on streamlined permitting 	Guetter – 10%(Full Time) Staldine – 30%(Full Time) Moses – 25% (Full-time) Becker SWCD	<ul style="list-style-type: none"> • \$15,000 – Revised Management Plan consulting - GEN
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"> • Complete St. Clair Lake TMDL Implementation plan - • Continue Revised Management Plan Update Process • Flowering Rush In-Lake treatment Research studies • Complete PRWD /DNR Aquatic Plant Vegetation Management Plans – B & L Detroit , Curfman, Sallie, Melissa; Public Input; 	Guetter – 25%(Full Time) Staldine – 15% (Full Time)	
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 • Support BC Septic inspection program • Encourage cluster systems (Sallie/Melissa) • Promote alternative approaches • Work with landowner groups and local govts. 	<ul style="list-style-type: none"> • Monitor Floyd annexation planning. 	Guetter - N/A	
Ditch Management	Ensure proper ditch management – (Beaver)	<ul style="list-style-type: none"> • Rice Lake Project Requirements • Ditch Inventory & Inspection Project 	Guetter - 5%(full Time) Staldine - 5% (Full time)	\$2000 – Ditch project grant match (including precision grade GPS & 1 tablet) - UTY
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; 2014 Audit • Office Equipment Updates • Annual Report 	<ul style="list-style-type: none"> • Procure 2-3 3g/4g LTE enabled tablets • Small in office conference suite, reception upgrade 	Guetter – 10%(full Time) Staldine – 5% (Full Time) Moses 50% (full time)	<ul style="list-style-type: none"> • \$4,250 Phone system (installed 12/2013) • \$2,500 In office meeting room furniture / equipment – GEN • \$2,500 3g/4g tablets & data plan

Lake Water Quality Management Areas Goals	2014 New Activities
<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 storm water and sewage discharges • Control exotic plants • Investigate groundwater • Control Sallie internal loading 	<ul style="list-style-type: none"> • Complete St. Clair TMDL Implementation Study • Investigate inflows to St. Clair; gather additional data (Sediment study, etc.) • Lake-wide herbicide treatment for flowering rush • Complete DNR Lake Vegetation Management Plans [LVMP's] Sallie, Melissa • Review Project 1B - resources (equip/staff); Continue to monitor Airport Expansion – WQ Issues - City of DL WWTP impacts, storm water plan.
<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"> • 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 • Continue lake wide flowering rush herbicide treatment and mechanical harvesting of CLP • Review Project 1C - resources (equip/staff)
<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"> • Monitor DL annexation of Little, North, Big Floyd lakes • Monitor Campbell Creek BMP effectiveness
<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"> • Develop prototype LWQMA plan for Pearl-Loon management area
<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"> • Recruit/retain volunteer observers (Secchi readings) for Meadow, Johnson, Abbey
<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"> • Advocate for Fox/Munson Lake Association • Recruit/retain volunteer observers (Secchi readings) for Munson • Review data needs for Munson & Fox lakes • Advocate for Munson Lake listing for Becker County ISTS compliance Study • Recommend County ISTS study
<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 	<p>Work with MPCA on potential Wine TMDL (MPCA is the lead agency).</p>