

February 2015

To: Board of Managers
From: Tera Guetter, Administrator

Subject: **TOWARDS A 2015 WORKPLAN**

- In the attached proposed 2015 Work plan, 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 2015 proposed activities.
- Also included is a summary of 2014 Accomplishments

District-Wide Goals	Continuing	2015 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 Citizen 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 	<ul style="list-style-type: none"> • Collaborate with Becker SWCD, Zoning, MN DNR for Contractor Training session • Assist with Planning AIS state summit • Revitalize PRWD Citizen Advisory Committee; Becker COLA meetings • Update Website/Facebook content • Create new suite of Storm water management information (BMPS, Maintenance Guides, etc) 	Guetter – 15% (Full time) Moses – 20% (Full time) Alcott -15% (Full time) GreenCorp Staff	<ul style="list-style-type: none"> • \$ 2,000 – Website/– GEN • \$5,450 - GIS Extension/Permit System – UTY • \$500 – Shoreland Ordinance/Rules Workshop • \$2,000 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"> • St. Clair Lake – Enhanced Monitoring • Targeted monitoring before/during Rice Lake construction • Campbell Creek Project effectiveness • Industrial Park – Set up monitoring station • ZM sampling 	<ul style="list-style-type: none"> • Guetter – 5%(Full Time) • Alcott -20% (Full time) • Interns – seasonal • Moses– 10% (Full Time) 	<ul style="list-style-type: none"> • \$1,600 – Utility trailer for Zodiak • \$400 - Boat trailer repairs
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"> • Secure Funding to Complete Rice Lake Project • Assist MN DNR with buffer enforcement (waterways) • Grant Funding for West Lake Drive improvements (stormwater innovation; buffers) • HWY 10 Overlook Rehabilitation/City of DL/Becker SWCD • Cost Share Assistance for Shoreland Buffers • Develop GIS based database for BMPs 	Guetter – 30%(Full Time) Alcott – 10% (Full Time) GreenCorp Staff	<ul style="list-style-type: none"> • \$ 300,000 - Rice Lake, Easement (UTY- Grant Match) • \$ 7,500 – Match; City \$3,700 (UTY – Project Match) • \$ 3,000 Match for Becker R-T-S cost share for lakes within District • Campbell Creek Easement - finalize
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 	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 • BMP Database/Inventory/Condition Assessment • Explore rule revision process with RMP • Revised Management Plan (Hecock) • Ottetail Basin WRAP • Work with county & city on streamlined permitting • Trimble GPS Unit (survey grade) 	Guetter – 10%(Full Time) Alcott – 30%(Full Time) Moses –15% (Full-time) GreenCorp Staff Becker SWCD	<ul style="list-style-type: none"> • \$15,000 – Revised Management Plan consulting – GEN • \$7,000 GIS upgrade 10.3 or newer • \$25,000 Survey Grade Trimble
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"> • Continue Revised Management Plan Update Process • Flowering Rush In-Lake treatment Research studies • Becker County AIS Assistance and Education 	Guetter – 25%(Full Time) Alcott – 15% (Full Time) Moses – 15%(Full Time)	<ul style="list-style-type: none"> • \$20,000 Rapid response for new AIS infestations – U of M
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"> • Work with City of DL – Wastewater treatment plant upgrade; assist with grant funding opportunities 	Guetter - N/A	
Ditch Management	Ensure proper ditch management – (Beaver)	<ul style="list-style-type: none"> • Rice Lake Project Requirements • Ditch Inventory Project Grant 	Guetter - 5%(full Time) Alcott - 5% (Full time)	\$2000 – Ditch project grant match 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"> • Complete Office Furniture Upgrades • Quickbooks Upgrade 	Guetter – 10%(full Time) Alcott – 5% (Full Time) Moses 40% (full time)	<ul style="list-style-type: none"> • \$12,000- 13 chairs; conference table, side tables; conference room computer equipment; Alcott desk; 2 bookcases – GEN • \$400 QBooks

Lake Water Quality Management Areas Goals	2015 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"> • Lake-wide herbicide treatment for flowering rush; • Continue to monitor Airport Expansion – WQ Issues - City of DL WWTP impacts, storm water plan; • ZM monitoring – review studies/treatments; • Review St. Clair – investigate bottom sediment treatments
<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"> • Secure funding; Complete engineering and easement acquisition Rice Lake Wetland Project • Continue lake wide flowering rush herbicide treatment and mechanical harvesting of CLP • ZM Samplers
<p>Long <i>(maintain mestotrophy; 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"> • Airport Expansion Impacts; Wastewater Treatment Plant Upgrades
<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 • E Coli study; • Grant application for buffers/seawall removal on South Shore of Little Floyd Lake
<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 • ZM sampler on Pearl
<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 • Lind Lake testing; ZM samplers
<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>