

March 2017

To: Board of Managers

From: Tera Guetter, Administrator

Subject: **TOWARDS A 2017 WORKPLAN**

In the attached proposed 2017 Work plan, the two RMP approaches are highlighted:

- District-Wide Activities; and
- Lake Water Quality Management Area Activities.

This a working document, and it will serve as a start for 2017 proposed activities.

District-Wide Goals	Continuing	2017 New Activities	Staff/Time	New Resources Required
<p>Education</p> <ul style="list-style-type: none"> • Publications, support of organizations, etc • Recruit more volunteers • Upgrade website • Awards/Demo Projects • Contractor Seminar 	<p>(see also Water Management, and BMP's)</p> <ul style="list-style-type: none"> • Tours for Managers and Citizen Advisors • Presentations for service groups, lake associations, classes, fair booth, water festival, City, County • 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 	<ul style="list-style-type: none"> • Collaborate with City of DL and Becker County – Shoreland, stormwater, trainings/seminars • Revitalize PRWD Citizen Advisory Committee; • Work/engage with organizations such as Becker COLA, Rotary, etc. • Create new suite of Storm water management Information (BMPs, Maintenance Guides, etc) • Present to more Community and Lake Association groups 	<p>Guetter – 15% (Full time) Moses – 20% (Full time) Alcott -5% (Full time)</p>	<ul style="list-style-type: none"> • \$ 500 – Shoreland Ordinance/Rules Seminar- (UTY) • \$1,000 Educational material costs (printing, signage) (GEN) • \$500 – Update displays board (GEN) • \$ 1,000 – stormwater management material development and printing (GEN)
<p>Data Collection (monitoring)</p> <ul style="list-style-type: none"> • Maintain monitoring program • Upgrade monitoring equipment • Prepare lake-specific evaluations • Integrate monitoring and GIS • citizen volunteers, agency coordination 	<ul style="list-style-type: none"> • Update & implement monitoring plan and data • Recruit additional monitoring volunteers • Employ two summer interns for lake/stream monitoring • Training/seminars/conferences/courses 	<ul style="list-style-type: none"> • Industrial Park – monitoring for CW Grant/City • Shoreline surveys- Sallie, Melissa • 1-seasonal intern for stormwater practice inspection; database, RMP assistance 	<ul style="list-style-type: none"> • Guetter – 5%(Full Time) • Alcott -20% (Full time) • Interns – seasonal • Moses – 5% (Full Time) 	<ul style="list-style-type: none"> • \$ 1,000 – Industrial Park sampling – UTY • \$ 4,500 - \$5,500 – intern for Permit/inspection
<p>BMP's to Reduce Phos and Sediment</p> <ul style="list-style-type: none"> • Promote BMP's • Promote, acquire buffer zones 	<p>(see also Water Mgmt Reg and Educ sections)</p> <ul style="list-style-type: none"> • Encourage vegetative buffer easements along riparian areas • Encourage other BMP's • Restore-the-shore – HWY 10 overlook maint. 	<ul style="list-style-type: none"> • Assist MN DNR with buffer enforcement (waterways) • CW Grant Funding for West Lake Drive & Industrial Park improvements (stormwater innovation; buffers) - July • Raingarden in City of DL; Overlook Area • Cost Share Assistance for Shoreland Buffers • Develop GIS based database for BMPs • Review areas from Drainage Inventory for potential projects 	<p>Guetter – 20%(Full Time) Alcott – 15% (Full Time) Moses – 5% (Full Time)</p>	<ul style="list-style-type: none"> • \$ 151,000 - Rice Lake, Easement (UTY- Grant Match) – balance of 25% grant match • \$ 5,000 - \$20,000 -Cost share for shoreland, rain gardens, other special projects within District – (UTY)
<p>Water Mgmt. Regulation (incl permitting)</p> <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 	<p>Continuous rigorous and consistent enforcement of Rules</p> <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"> • Explore rule revision process with RMP • Revised Management Plan (Wenck) • Ottertail Basin WRAPS • Permit Application Software – County BWSR grant; Work with county & city on streamlined permitting • City of DL Shoreland Ordinance Update 	<p>Guetter – 20%(Full Time) Alcott – 30%(Full Time) Moses – 15% (Full-time) Becker SWCD</p>	<ul style="list-style-type: none"> • \$20,000 – Revised Management Plan consulting – GEN/UTY • \$5,000 – RMP meetings, reviews – GEN/UTY • \$3,000 BWSR County grant match - UTY • \$500 GIS online training – Alcott – GEN • \$3,000-4,000 Manager per diem/expenses meetings/public input/hearing (GEN)
<p>Lake Management Planning</p> <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 • AIS prevention, rapid response, control 	<ul style="list-style-type: none"> • Manage AIS infestations • Encourage continued inspection program at public and private accesses 	<p>Guetter – 25%(Full Time) Alcott – 20% (Full Time) Moses – 15%(Full Time)</p>	<ul style="list-style-type: none"> • \$ 65,000 CLP & FR treatments – 1C - Detroit • \$ 35,000 CLP & FR treatments – 1B-Sal/Mel • Slarry Stonewort Rapid Response Plan • FR River/onshore emergent treatment research • \$ 15,000 -mid August Treatment (LMP) • \$5,000-\$10,000 Access inspection - cost share match for LA? (LMP)
<p>Septic System Management</p> <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 	<p>Guetter - N/A</p>	
<p>Ditch Management</p>	<p>Ensure proper ditch management – (Beaver)</p>	<ul style="list-style-type: none"> • Rice Lake Project Requirements • Buffer compliance 	<p>Guetter - 5%(full Time) Alcott - 5% (Full time)</p>	

<ul style="list-style-type: none"> General Administration Project overview, grants, reports, budgets, payroll, etc; office equipment maintenance 	<ul style="list-style-type: none"> Plan and manage finances: 2016 Audit Office Equipment Updates Annual Report 	<ul style="list-style-type: none"> Office Equipment - Computers – (laptop, reception); Copier. MAWD strategic plan support 	<p>Quarter – 10%(full Time) Alcott – 5% (Full Time) Moses 40% (full time)</p>	<ul style="list-style-type: none"> \$6,000 Software, Computers – GEN \$ 4,800 MAWD Dues (\$2,800 2016) – GEN Audit Firm charge - \$4,700 - GEN
Lake Water Quality Management Areas				
Goals				
2017 New Activities				
<p>Salle-Melissa <i>(lower Lake Salle'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 Salle Internal loading 		<ul style="list-style-type: none"> Lake-wide herbicide treatment for flowering rush; CLP Treatments Continue to monitor Airport Expansion –, storm water plan; wetland mitigation (onsite wetland vs credits) Start to explore second Alum treatment on St. Clair Lake – Joe Bishop – Wenck – get a bid for study and plan St. Clair TMDL 		
<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"> Rice Lake - Complete engineering and easement acquisition ; construction Continue lake wide flowering rush herbicide ; CLP treatments West Lake Drive and Industrial Park – CW grant application - reapply City of DL Ordinance Update review 		
<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"> Gravel mining expansion; road/infrastructure expansion on west and east sides 		
<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 Grant application for buffers/seawall removal on South Shore of Little Floyd Lake Investigate bank restoration – Campbell Creek 		
<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 Have Becker SWCD look at potential BMP's 		
<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 		
<p>Fox/Munson <i>(promote implementation of aggressive shoreline BMP's)</i></p>		<ul style="list-style-type: none"> Advocate for Fox/Munson Lake Association Recruit/retain volunteer observers (Secchi readings) for Munson 		

<ul style="list-style-type: none"> • Advocate for stricter shoreline controls • Minimize impacts from highway, ag, and gravel <ul style="list-style-type: none"> • Promote involvement of Munson residents 	<ul style="list-style-type: none"> • 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 Car, 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>