

District-Wide Activities	Continuing Activities	New 2006 Initiatives	Staff/Time Allocation	Other Resources Required
Education	<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 Revise and upgrade web page In-service training, managers and staff 	<ul style="list-style-type: none"> Establish awards program Recruit volunteers Establish educational forum series 40 year birthday celebration history and celebration see also BMP and Permitting 	<p>Guetter – 10% (Full Time) Hecock – 20% (1/2 time) Baer – 10% (3/4 time)</p>	<ul style="list-style-type: none"> \$500 - web site \$1,000 - birthday festivities and publication \$1,000 - Waterwatch \$1,000- in-service training
Data Collection (monitoring)	<ul style="list-style-type: none"> 19 lakes, 18 stream sites monitoring deploy CR-10's shoreline monitoring (4 lakes in 2006) 	<ul style="list-style-type: none"> Add 4 "minor" lakes to monitoring schedule Replace/upgrade monitoring equipment Reconsider CR10 deployment Revise shoreline monitoring 	<ul style="list-style-type: none"> Guetter – 10%(Full Time) Hecock – 60%(1/2 time) Interns – 2 full-time summer, 1 part-time annual 	<ul style="list-style-type: none"> \$5,000 for equipment \$15,800 - intern wages \$ 4,100 - fuel, supplies, mileage, outside lab
BMP's to Reduce Phosphorus and Sediment	See also Water Management regulation	<ul style="list-style-type: none"> Establish cost-share program for buffers and best-management practices 	Guetter – 10%(Full Time)	<ul style="list-style-type: none"> \$6,000 – cost share to landowners
Water Management Regulation	<ul style="list-style-type: none"> Continuous rigorous and consistent enforcement of Rules (see also education and BMP's); Participate in City, County and State upgrades of shoreline regulation 	<ul style="list-style-type: none"> Downtown re-development policy Review Rules Highway 10 project Airport Expansion-Ditch 14 Hydrology Study – Wetland Impacts 	<p>Guetter – 25%(Full Time) Hecock – 10%(1/2 time)</p>	<ul style="list-style-type: none"> \$10,000
Lake Management Planning	Continue to motivate and assist lake associations to become proactive in promoting planning Encourage the adoption of special protection zones (see also Water Management Regulation)			
Septic System Management	Encourage septic BMP's, and rigorous enforcement of regulations	Encourage county to resume septic monitoring	Guetter – 1%(Full Time)	
Ditch Management	Ensure proper ditch management (remove beaver barriers)		Guetter – 5%(Full Time)	
General Administration	Project overview, grants, reports, budgets, payroll, etc	Review space needs	<p>Guetter – 15%(Full Time) Hecock – 10% (1/2 time) Baer 80% (3/4 time)</p>	\$6,000 for office equipment – printer, computer/software upgrade

Lake Water Quality Management Areas(Goals)	Action Plan	2006 Initiatives	Staff Time and Resources
Sallie-Melissa (lower Lake Sallie's TSI to <50)	<ul style="list-style-type: none"> • Reduce nutrients from upstream • More treatment of stormwater and sewage discharges to ditch 14 • Control exotic plants • Investigate groundwater • Control Sallie internal loading 	<ul style="list-style-type: none"> • Continue herbicide treatment • Review potential Airport Expansion impacts 	<p>Resources for LWQMA's will be applied as follows:</p> <ol style="list-style-type: none"> 1. Interns will be assigned to obtain base studies of 4 small lakes 2. Staff will plan exotic plant harvesting and chemical treatment; it is estimated that approximately \$100,000 will be spend 3. staff will liaison with NRCS and SWCD personnel in reviewing Campbell Creek and Rice Lake studies and plans 4. minor amounts of additional staff time will be allocated to other LWQMA activities.
Detroit/Rice (reduce Big DL TSI by 5%; maintain recent gains for Little Detroit)	<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"> • establish Curfman Monitoring • receive and implement Rice Lake plan • obtain base study of 1 lake 	
Long (maintain mestotrophy; promote shoreline BMP's)	<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 	
Floyd/Campbell (lower N Floyd TSI to <50)	<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 groundwater migration from landfill • obtain base data for other lakes 	<ul style="list-style-type: none"> • assist NCRS with Campbell Creek study and management plan. • Obtain base study of at least 1 new lake 	
Pearl/Loon (improve knowledge and citizen interest, address runoff problems)	<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"> • Follow up on ag runoff case; • Obtain base data on Loon Lake • Encourage citizen involvement 	
Small Lakes (improve knowledge and citizen interest)	<ul style="list-style-type: none"> • Obtain data on 7 additional lakes • Encourage citizen involvement, especially lake associations, and CLMP volunteers 	<ul style="list-style-type: none"> • Hold meeting for land owners, including lake residents; try to recruit volunteer observers • Begin to build data base from existing sources 	
Fox/Munson (promote implementation of aggressive shoreline BMP's)	<ul style="list-style-type: none"> • Advocate for stricter shoreline controls • Minimize impacts from highway, ag, and gravel operations • Promote involvement of Munson residents 	<p>Hold meeting for Munson residents</p>	
Brandy (prevent further degradation, develop options for improved quality)	<ul style="list-style-type: none"> • Obtain base data on Oar, Wine and Oak lakes, increase knowledge of Brandy • Coordinate District efforts with MPCA's landfill remediation project • Identify/address runoff problems • Develop Brandy's WQ improvement plan 	<p>Build lake data base from existing data</p>	

