



# TMDLs “What’s Soil Got to do With It!”

## July 14, 2006 – Friday



A joint tour between the Minnesota SWCS Chapter & MAPSS

- 8:00 – 8:30 am      Registration at Ogilvie High School  
8:20 – 8:30 am      Load bus and drive to 1<sup>st</sup> location  
8:45 – 8:50 am      Welcome

### ***Groundhouse River TMDL***

- 8:50 – 9:30 am      Total Maximum Daily Load (TMDL), What is it and How is it Calculated  
                                 Craig Affeldt, MPCA
- 9:30 – 9:50 am      Land Use and Its Relationship to the Identified TMDL  
                                 Kelly Osterdyk, Kanabec SWCD
- 9:50 – 10:00 am      Conservation Practices Related to His Farm  
                                 Tim Fisher, landowner
- 10:00 – 10:25 am      Using Fish Species Composition and Habitat as Tools in Determining Stream Impairment  
                                 Dean Paron, DNR Fisheries
- 10:25 – 10:35 am      River Watch Program  
                                 Allen Ambrose, Ogilvie High School teacher
- 10:35 – 10:45 am      Soil Pit, “What’s Soil Got to do With it!”  
                                 Jerry Gordan, USDA-NRCS  
                                 Mark Perry, Natural Resources Specialist
- 10:45 am              Load bus and drive to 2<sup>nd</sup> location
- 11:00 – 11:55 am      Biota & Soils, More on TMDL Study  
                                 Joe Magner, MPCA
- 11:55 am              Load bus and drive to 3<sup>rd</sup> location
- 12:00 – 12:45 pm      lunch is on the bus or during the MAPSS meeting
- 12:45 - 1:20 pm      MAPSS – business meeting

## ***North Branch of the Sunrise River TMDL***

- 1:20 – 1:45 pm TMDL Study of the North Branch of the Sunrise River  
Craig Affeldt, MPCA
- 1:45 – 2:05 pm Land Use, It's the Key  
Craig Mell, Chisago SWCD  
Deb Hermel, USDA-NRCS
- 2:05 – 2:25 pm Howard Hobbs, Geomorphologist
- 2:25 – 2:45 pm Monitoring, What's in the Water  
Jerry Spetzman, Chisago County Environmental Services
- 2:45 – 3:05 pm Implementation, What's Next  
Jerry Spetzman, Chisago County Environmental Services
- 3:05 – 3:30 pm Chisago County Septic Pilot Program Grant and Land Application  
of Septage – Methods to Impact the Fecal Coliform Issue  
Mary Darragh Schmitz, Chisago County Environmental  
Services
- 3:30 – 4:00 pm TMDLs Wrap Up  
Craig Affeldt, MPCA  
Mary Darragh Schmitz, Chisago County Environmental  
Services
- 4:00 – 4:10 pm questions and answers
- 4:15 pm Leave North Branch and drive back to Ogilvie High School
- 5:00 pm Arrive at the Ogilvie High School

**Be prepared to spend time outside, rain or shine.**