



**Brown's Creek Watershed District
2006 Accomplishments**

1. Third Generation Management Plan
 - Began process in January with help from CAC and TAC
 - Currently out for 90-day BWSR review
 - Looking to have an approved plan by early 2007
 - Developed goals for:
 - Land Conservation Program (would be a brand new program)
 - Stormwater Management
 - Stream Management
 - Wetland Management
 - Erosion Control
 - Floodplain Management
 - Groundwater Management
 - Education, Outreach and Stewardship
 - Some new proposed implementation items include:
 - Brown's Creek Stream Corridor Plan: look at water quality and thermal impacts, subwatershed loading, regulations and other implementation actions to improve & protect the trout stream
 - Lake Management Plans for all District Lakes and subsequent implementation
 - Participation in a regional TMDL

2. Long Lake Management Plan:
 - 35% Reduction in Total Phosphorus from subwatersheds over next 10 years
 - Developed Plan with Community and Stakeholders Groups
 - Received BWSR 2006-2007 Challenge Grant for a total of \$150,000 to implement the plan
 - Highest priority will be to improve the existing stormwater infrastructure
 - Applied for MPCA 319 Grant to Implement Plan

3. BCWD Homeowner BMP Cost-share Program started in 2006.
 - Cost sharing on over 1,000 feet of shoreline restoration, three rain gardens, and provided design and construction over-site for a pervious driveway.
 - Direct mailing to all landowners within 300 feet of an MPCA impaired water body (Long Lake in Stillwater, Goggin's Lake, South School Section, and Brown's Creek)

4. Rule Revisions: working towards having revised rules effective March 1, 2007
 - Buffer Reclassification: now require buffers on all waterbodies >1 acre
 - Stormwater Management: Water Quality and change volume control standard to pre-settlement rather than pre-development

- Land Locked Basin Policy
 - Groundwater Dependent Natural Resource Protection
5. Permits—28 Permits initiated in 2006. 14 Permits Closed in 2006.
 - Developed and Initiated Digital Inspection Program
 - Millbrook development on the old Palmer property at Manning and Hwy 96. Has both CMWD (South Twin Lake) and BCWD (Brown's Creek)...both MPCA impaired water bodies and of great importance to both WDs. 270 units on 140 acres.
 - Because utilities are being brought up to Millbrook, many other permits in its wake...Utility Permits, Brown's Creek Reserve, Junker proposal, Manning Station proposal, Liberty West.
 - Legacy on Long Lake: redevelopment of north side of Long Lake into 50 residential lots...still working with DNR and Stillwater.
 - Oak Park Heights Commercial Development: Wal-Mart Expansion & Lowe's Development (MSCWMO and BCWD)
 6. THPP Infiltration Recovery Project – final design and planned to be constructed winter 2006-07.
 7. Joint Meeting with Stillwater City Council and MSCWMO regarding McKusick Lake Management Plan to be completed in 2007
 8. Education:
 - Shared Stormwater Educator Position – Began in July 2006.
 - BCWD participated in the Washington County Watershed District Fair Booth in August 2006.
 - Presented ground water model at the Children's Water Festival in September 2006. Educated over 300 fifth grade students from the metro area on the importance of groundwater and the inter-relation of surface and groundwater quality and quantity
 9. Plan reviews:
 - Valley Branch Watershed District Rule Revisions
 - BCWD Board and staff periodically attend meetings of the municipalities within the district.
 - Began review of City of Stillwater Wellhead Protection Plan in October 2006.
 10. Capital Improvement Project Maintenance: Continue to conduct project monitoring and maintenance on the capital improvement projects, which include the Kismet Basin project, the Trout Habitat Preservation Project (THPP) and Kern Center Pond. Continue monitoring the infiltration basin at the Bradshaw project and Kern Center to determine the ponds effectiveness over time.
 11. Baseline Monitoring Program: Continued the baseline-monitoring program, which includes macroinvertebrate monitoring, conducting water quality and flow monitoring in Brown's Creek and monitoring the water quality and level of the District's lakes. The program was expanded in 2006 by adding an additional long-term automated stream monitoring station at the City of Stillwater's diversion structure. The program was also expanded to continue to run the two automated stream station on the inlets to Long Lake. These three sites will be very helpful in determining the success of implemented management strategies on Long Lake. Additional lakes were also included to prepare to complete lake management plans on all the District's lakes in the next ten years.