

TMDL Documents Completed in Past Year (August 2010 through September 14, 2011)

- West Fork Gallatin (Part of Upper Gallatin)
 - Sediment, Nutrient & Pathogen TMDLs
 - 8 TMDLs written
- Lower Clark Fork Tributaries
 - 5 Sediment TMDL written
- Redwater
 - Nutrient & Salinity TMDLs
 - 20 TMDLs written
- Missouri – Cascade & Belt
 - Metals & Salinity TMDLs
 - 45 TMDLs written
- Bitterroot
 - Sediment & Temperature TMDLs
 - 20 TMDLs written

TMDL Documents Nearing Completion

- Tobacco
 - Submitted to EPA
 - 8 Sediment TMDLs written
- Landusky
 - Public Comment Stage; extended one month
 - 61 Metals TMDLs written

Other TMDL Documents with 2011 (Calendar Year) Completion Schedule

- Little Blackfoot
 - Sediment, Nutrients, Metals TMDLs
 - > 40 TMDLs
- Flint
 - Sediment, Metals
 - > 40 TMDLs

Other TMDL Projects/Project Areas

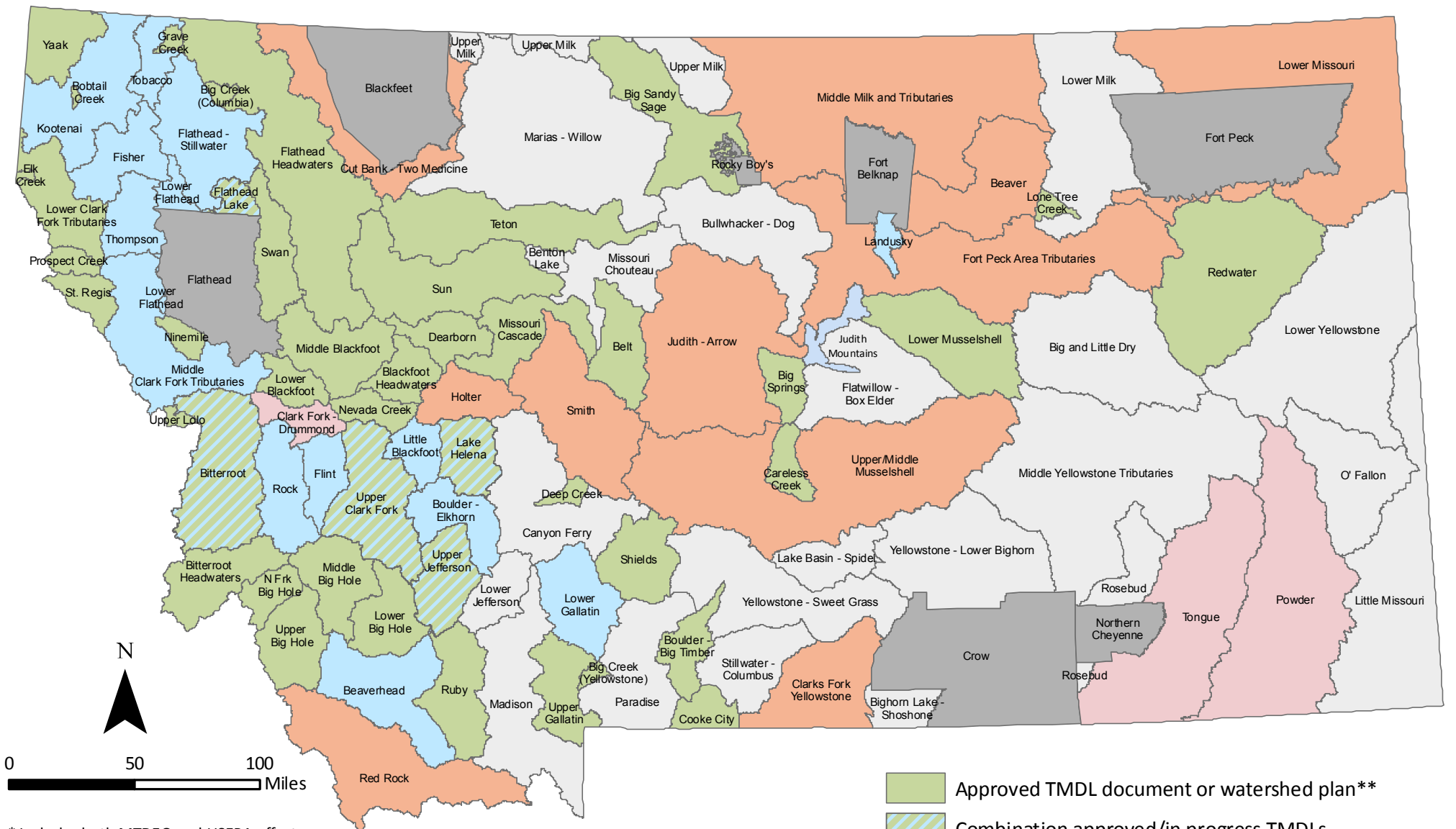
- Clark Fork – Silver Bow Metals, Upper Clark Fork, Flathead Basin, Rock, Boulder – Elkhorn, Beaverhead, Lower Gallatin, Upper Jefferson, Judith Mountains, Thompson Area, Bitterroot Nutrients, Flint Nutrients, Kootenai – Fisher, Lake Helena Metals

TMDLs Development Information

- 722 EPA Approved TMDLs (1996 – Sept 14, 2011)
 - 234 Sediment
 - 316 Metals
 - 109 Nutrients
 - 34 Temperature
 - 26 Salinity
 - 2 PCB
 - 1 Pathogen
- > 250 Non-Pollutant Impairment Solutions Included Within TMDL Documents
 - Most are Habitat Alteration impairments often linked to a sediment TMDL developed for the same water body
 - Also several Flow Alteration impairments
- 1577 More TMDLs Per 2010 Integrated Report (after subtracting recent EPA-approved TMDLs)
 - 664 scheduled for completion between August 2011 and 2014
 - Estimate that 10% will be determined not impaired prior to or during TMDL development
 - Estimate that 20% to 30% additional TMDLs will be developed based on new findings during TMDL development or during pre-TMDL sampling in associated priority areas
 - Priority activities providing foundation for future TMDL development
 - Numeric nutrient standards
 - Large river numeric nutrient standards (Yellowstone, Missouri)
 - Tongue-Powder salinity standards; sampling, model development
 - Assessment updates
 - DEQ & EPA enhanced sampling & associated impairment updates
 - Enhanced impairment cause and TMDL development tracking database (WARD)

Montana TMDL Development Status by TMDL Project Areas*

August 15, 2011



* Includes both MTDEQ and USEPA efforts.

** TMDLs are specific to a waterbody segment - pollutant combination. Some planning areas with completed TMDLs may still require TMDL development for additional water body - pollutant combinations. Contact the DEQ at 406-444-5317 or refer to the final TMDL documents at <http://deq.mt.gov/wqinfo/TMDL/finalReports.mcp> for additional details.

In addition to the watersheds shown on this map, some large rivers and their associated reservoir systems represent separate TMDL project areas. These include the Clark Fork River, the Missouri River, and the Yellowstone River. Pre-TMDL development support work is underway in the Yellowstone River and Missouri River, while the Clark Fork River has a combination of approved and in-progress TMDLs.

- Approved TMDL document or watershed plan**
- Combination approved/in progress TMDLs
- TMDL development in progress
- Pre-TMDL monitoring and planning priority areas
- Additional pre-TMDL data collection (August 2010-2011)
- No significant TMDL activity
- Tribal (not under state jurisdiction)