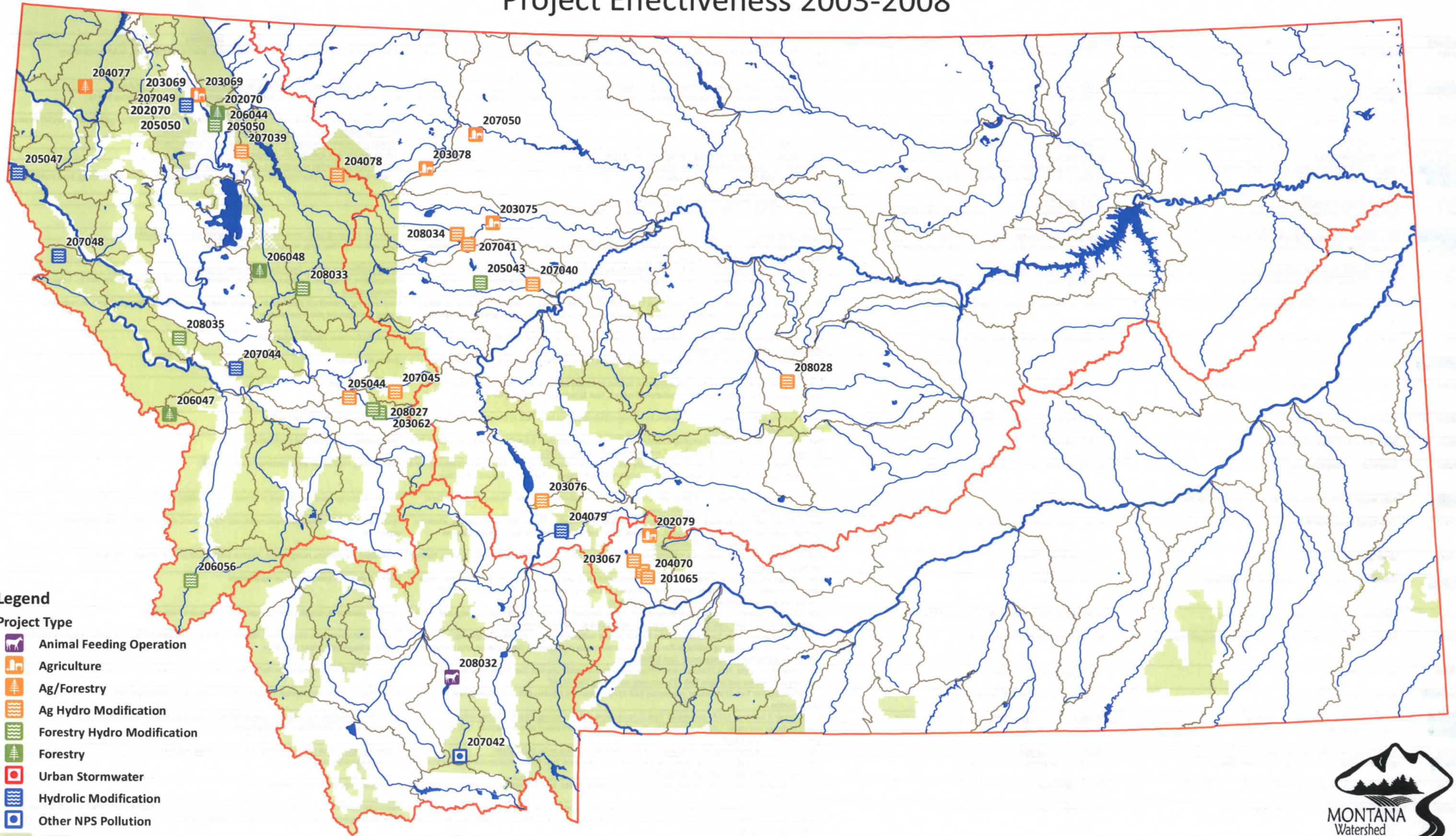


Project Effectiveness 2003-2008



Legend

Project Type

-  Animal Feeding Operation
-  Agriculture
-  Ag/Forestry
-  Ag Hydro Modification
-  Forestry Hydro Modification
-  Forestry
-  Urban Stormwater
-  Hydrolic Modification
-  Other NPS Pollution
-  USFS
-  Rivers and Lakes
-  WPS Basins
-  TMDL Planning Areas



Contract #	Title	319 Funds	Category Of Pollution	Scope of Work	BMP Used
201065	Upper Shields Watershed Association Improvement Project	\$ 135,025	Agriculture Hydromodification	Task 1) 4 Riparian enhancement bank stabilization projects 13,800 ft. Task 2) Improve irrigation efficiencies Larry Dolan built flume Task 3-6) Coordination, assessment, compile data and administration	Stream bank stabilization, off-stream watering facility, grazing management, riparian vegetation
202070	Haskill Basin Watershed Project	\$ 50,000	Silviculture	Demonstration Project includes Fencing, stream bank stabilization	Stream bank stabilization, re-channeling, fencing, riparian buffer and vegetation
202079	Upper Shields Watershed Association	\$ 81,400	Agriculture	Task 1) 4 Riparian enhancement bank stabilization projects including off-stream watering Task 3) Coordination and outreach education Task 4) Administration	Bank stabilization, fencing, riparian buffer and revegetation, off-stream watering facility
203062	Blackfoot Combined TMDL	\$ 246,990	Agriculture Silviculture Hydromodification	Education, outreach	Forage use, water gap, off-site water development, riparian vegetation, grazing management, riparian fencing and forage use/livestock distribution improvements (cross fencing)
203067	Upper Shields Watershed Association	\$ 142,970	Agriculture Construction Hydro modification	Riparian stabilization	Riparian enhancement, stream stabilization no detail of project found
203075	Teton Watershed Phase III	\$ 81,000	Agriculture	Improving riparian, stream dynamics and agriculture practices	Task 1.) Stream bank stabilization, revegetation, riparian fencing
203076	Deep Creek Watershed Restoration Project Phase IV	\$ 24,515	Agriculture Hydromodification	Repair work on previous restoration site, assess existing restoration and TDML	Riparian fencing, riparian revegetation, streambank stabilization
203078	Dupuyer Creek Watershed Project	\$ 120,000	Agriculture Resource Extraction Hydromodification	Task 4.b Springhill Ranch project demonstration site	Riparian fencing, off-stream watering facility, heavy-use area protection (riparian planting), bank stabilization
203069	Haskill Basin Watershed Project	\$ 34,000	Agriculture	Assess and monitor, develop final plans for 2 restoration projects	
204070	Shields River Water Quality Restoration Plan	\$ 75,000	Agriculture Construction Hydromodification Other NPS Pollution	Task 1) Dec. 31 - Feb. 27 2008 two riparian enhancement and bank stabilization projects	
204079	Dry Creek Water Quality Improvements - Phase II	\$ 10,000	Hydromodification Other NPS Pollution	Ground work tasks 4-5	Heavy-use area protection, stream crossing, road grading (elevation road 1-3 ft)
204078	Dupuyer Creek Watershed Project	\$ 45,600	Agriculture Hydromodification Historical Pollutants	Task 3) Stream and bank restoration, riparian buffer, weed control and fencing Task 4) Stream bank restoration, riparian buffer, weed control and fencing	Riparian fencing, filter strip, revegetation, riparian buffer
204077	Grave- Therriault Creeks Restoration Project	\$ 70,800	Agriculture Silviculture	Excavate new channel (4,875 ft) install fish habitat structures, stabilize stream banks, new vegetation	Riparian buffer, vegetation, hydrological function restoration
205043	Big Coulee Implementation and Management Project	\$ 47,300	Agriculture Silviculture Hydromodification Other NPS Pollution	Task 2) 15,000 ft. planting sedges, cross fencing, off-stream watering site, improved irrigation water management	Revegetation, forage use/livestock distribution improvements, off-stream watering facility, irrigation tailwater control
205044	Blackfoot Headwaters TMDL Implementation	\$ 125,960	All Sources Agriculture Hydromodification	Task 3) Arrastra Creek install culverts Task 4) Hoyt Creek 5,300 ft. stream restoration and restore 120 acres wetland Task 5) Nevada Creek restore sinuosity of channel reshape and create flood plain revegetate, grazing management	Road crossing, streambank stabilization, stream channel restoration, hydrological function restoration, grazing management plan, revegetation
205047	Elk and Pilgrim Creek Restoration Projects	\$ 42,400	Hydromodification Other NPS Pollution	Task 2) Demonstration project channel reshaping, bank stabilization, install brush bars on pointbars, riparian revegetation, fish habitat enhancement	Hydrologic function, riparian vegetation
205050	Haskill Basin TMDL Plan Development	\$ 27,975	Agriculture Silviculture Hydromodification	Summary report of data collected, implement Sampling Analysis Plan (SAP) Demonstration Project Constructed	Stream restoration
206047	Upper Lolo Creek TMDL-Initial Culvert Replacement #997	\$ 74,860	Silviculture	Task 1) Replace culvert # 997, restore fish and aquatic habitat and allow adequate flow for 100 year flood Task 2) monitor project prior, during and after installation of culvert, Task 3) continue monitoring for 2 years	Culvert replacement
206044	Grave Creek Restoration Phase III	\$ 173,000	Agriculture Animal Feeding Operations Hydromodification	Task 2) Soil lifts and re-vegetate, toe protection by adding cobble to stream bank Task 3) Develop SAP timeline 2011 Task 4 -6) Timeline summer 2009	Revegetation, streambank stabilization
206048	Swan Watershed TMDL Implementation	\$ 52,200	Silviculture	Task 1) Restore road drainage by installing 25 drain dips, 2 cross drains and clear 4.4 miles of overgrown ditches Task 3) monitor natural and human impact Task 4) create report on progress of TMDL	Road grading, road repair and maintenance
206056	Bitterroot Tributary Assessments: Rye Creek	\$ 60,000	Agriculture Silviculture Hydromodification	Task 1) Public outreach Task 2) Create Water Quality Implementation Plan Task 3) Restoration project development, design and cost Task 4) Road Crossings, 11 road crossings reshape to improve drainage and gravel re-surface	Road grading, road repair and maintenance, Road crossing
207042	Ruby Water Quality Restoration Project Implementation Plan	\$ 25,500	Other NPS Pollution	Task 1) Prioritization/strategy plan Task 2) Hardened Crossings 3 installed Shovel Creek, Swamp Creek and Coral Creek Task 3) Monitoring Task 4) Administration	3 Stream crossings hardened located at Shovel Creek, Swamp Creek, and Coral Creek
207048	Crow Creek Restoration Project	\$ 49,500	Hydromodification Other NPS Pollution	Task 1) Project planning and design Task 2) Restore 1/2 mile of Crow Creek includes: reconstruct channel, eliminate braided channel and construct single channel, install log vanes and woody debris for bank stability, riparian revegetation Task 3-4) Monitor and administration	Hydrologic function, streambank restoration and stabilization, stream channel restoration and riparian vegetation
207049	Grave Creek Phase III Restoration Project	\$ 30,000	Hydromodification	Task 2) Stabilize banks and re-vegetate 5,900 ft. stream channel includes: plant native trees, shrubs, grasses, fencing and livestock exclusion	Streambank stabilization, revegetation, riparian fencing and grazing management plan
207050	Marias River Watershed-A N Wasteway Rehabilitation	\$ 69,000	Agriculture	Task 2) Design and construction management Task 3) Construction of new infrastructure: re-route irrigation surge water, wastewater and drain water, inlet/outlet structures, buried pipe and reservoir Task 4-7) Develop SAP, monitor, project evaluation and education and management	Irrigation diversion maintenance or replacement
207045	Blackfoot TMDL Implementation and Project Design	\$ 64,400	Agriculture Hydromodification Other NPS Pollution	Task 1) Culvert replacement constructing streambanks, mimic meanders, construct pools Task 2) Design and install bridge Cottonwood Creek Task 3) Restoration project design Task 4) Watershed newsletter	Culvert replacement, stream crossing, vegetation and stream restoration
207041	Teton Watershed Implementation and Monitoring Project Phase II	\$ 68,334	Agriculture Hydromodification	Task 1) Project coordination Task 2) Restoration Project: J-hook Vortex Rock Weirs, banksloping, grazing management, off-site watering facility, buffer strips and animal waste management Task 3) Saline seep management Task 4) Integrated Water Management Task 5) Education	Erodible-land conversion, revegetation, riparian buffer strip, riparian fencing, off-stream watering facility, grazing management, waste utilization
207040	Big Coulee Phase II	\$ 70,350	Agriculture Hydromodification	Task 1) Project oversight Task 2) install culvert divert water to man-made channel Task 3) Re-sloped bank and replanted with willows and sedges Task 4) Saline seep monitoring Task 5) SAP	Irrigation diversion maintenance or replacement, revegetation, grazing management plan
207044	Ninemile TMDL Implementation	\$ 35,000	Hydromodification Other NPS Pollution	Task 1) Develop SAP Task 2) Volunteer monitoring Task 3) Recontouring hillsides and streambanks Task 4) Administration	Mine tailings removal and storage, Industrial site housekeeping, streambank and hillside restoration
207039	Haskill Basin Maintenance and Monitoring	\$ 25,000	Agriculture Hydromodification Other NPS Pollution	Task 1) Repair 3 locations 150 ft. streambed Task 2) Assessment and monitoring Task 4) Administration	Stream bank stabilization, floodplain reestablishment, install log jams, riparian vegetation
208032	Saubier Feedlot Reclamation Project	\$ 23,000	Animal Feeding Operations	Task 2) Redesign and install 1,300 ft. of corral fencing Task 3) Develop off stream watering system Task 4) Administration and outreach	Corral/pen location, off stream watering facility
208033	Swan Watershed TMDL Implementation	\$ 40,000	Silviculture Hydromodification	Task 2) Drainage improvements on roads work to be completed in one season by 10/31/2009	Culvert replacement or removal, road grading, road repair and maintenance
208035	Ninemile Watershed TMDL Implementation 2008	\$ 25,000	Silviculture Hydromodification	Task 1) Develop SAP Task 2) Volunteer monitoring and education/outreach Task 3) Little McCormick Creek restoration time frame July 2009-Sept. 2009 Task 5) Administration	Stream bank stabilization
208034	Teton Spring Creek Enhancement Project	\$ 35,000	Agriculture Hydromodification	Task 1) Restoration work: riparian fencing and off-stream watering facility Task 4) Project coordination Task 5) Administration	Riparian fencing, off-stream watering facility
208027	Blackfoot Watershed Water Quality Restoration	\$ 50,000	Agriculture Silviculture Hydromodification	Task 1) Brazier Creek: Develop SAP for 1,500 ft. channel restoration, fencing, vegetation, grazing management, irrigation diversion Task 2) Lower Nevada Creek, identify and design potential restoration projects Task 3) Project coordination Task 4) Administration	Hydrologic function restoration, stream bank, channel and in-stream habitat restoration, irrigation diversion, grazing management plan, riparian fencing and riparian vegetation
208028	Big Spring Creek Water Quality Restoration Plan Phase 1	\$ 70,000	Agriculture Hydromodification	Task 1) Restoration coordination Task 2) Develop SAP Task 3) Implement restoration projects, timeline July 2009-Dec. 2010 Task 5) Education and outreach Task 6) Administration	Woody toe / rootwad revetment bank stabilization