

2024 Montana Nonpoint Source Program Annual Report

Table 8-1: Interim Outcome - Water quality standards have been developed				
No.	Key Partner(s)	Actions	Measurable Milestones	2024 Accomplishments
1	DEQ Standards and Modeling Section	Re-evaluate the chemical, physical, and biological condition of reference sites	At least 100 reference sites re-evaluated	Completed over 20 consecutive years of monitoring stream reference sites. 15 sites were visited in 2024 to collect chemical, biological, and physical data that are useful for describing water quality reference conditions in Montana's ecoregions. Efforts are underway for trend analysis and reporting.
2	DEQ Standards and Modeling Section	Develop models for large rivers (e.g., Missouri, Yellowstone)	Models developed for at least 2 large river segments	Continued development of a model for upper segments of the Yellowstone River.
3	DEQ Standards and Modeling Section	Develop technical basis for a lake classification system based on nutrient status	Demonstrated progress in developing numeric nutrient and transparency lake water quality standards	Development of a separate classification system for lakes has not been prioritized at this time. DEQ has been developing a method to assess lake and reservoir eutrophication using aquatic life and recreation indicators.
4	DEQ Standards and Modeling Section, MT Department of Agriculture	Develop and circulate numeric standards for all pesticides identified in Montana groundwater and surface waters	Adoption of numeric standards for all pesticides within 4 years of DEQ notification of detection in state waters	Development and adoption of pesticide standards is a continuous process triggered by the Department of Agriculture's request to the DEQ to develop and adopt water quality standards for surface and groundwater. New or existing pesticides standards are reviewed every 3 years during the water quality standards triennial review. No additional pesticide water quality standards were requested or recommended during or since the 2023 water quality standards triennial review.
Table 8-2: Interim Outcome - Montana's waters have been assessed to determine compliance with water quality standards and compiled in updated Integrated Report				
No.	Key Partner(s)	Actions	Measurable Milestones	2024 Accomplishments
5	DEQ Monitoring and Assessment	Conduct statewide water quality assessments.	Musselshell watershed, Beaverhead watershed, Big Creek and Jim Creek assessment projects will be completed for the 2018 Integrated report	MAS finished algae monitoring on the Upper Missouri River; finished nutrient, metals, <i>E. coli</i> , dissolved oxygen, and oil and gas monitoring in the Clarks Fork Yellowstone watershed; continued nutrient, temperature, dissolved oxygen and algae monitoring in the Gallatin Watershed and continued nutrient, metals; and <i>E. coli</i> monitoring on Cooney Reservoir. MAS draft ammonia, dissolved oxygen, and Lake Koocanusa and Kootenai River selenium assessment methods received public comments.
6	DEQ Monitoring and Assessment Section, watershed groups	Assess water quality status and trends in priority areas through fixed station monitoring	Fixed station monitoring continues on the Clark Fork River through contracted efforts and annual reports are provided on the Clark Fork Coalition website.	Continued nutrient trend monitoring on the Clark Fork and Bitterroot Rivers through local partnerships.

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			Fixed station reports will be completed by DEQ for the Musselshell River and the Red Rock River during 2017 and shared with each watershed group and other DEQ programs	Monitoring efforts continued on the Upper Missouri River, the Clarks Fork Yellowstone watershed, Cooney Reservoir, and Gallatin Watershed.
7	DEQ Standards and Modeling Section	Address septic influence on surface water quality	Septic influence characterized in 3 TMDL or other water quality protection documents	No updates in 2024.
8	DEQ Monitoring and Assessment	Review/update Water Quality Integrated Report (305(b)/303(d))	Updated reports in 2018, 2020, and 2022	Completed assessment analysis work for the 2022-2024 Water Quality Integrated Report.
9	DEQ Monitoring and Assessment	Develop, maintain, and enhance Clean Water Act Information Center (CWAIC online) to provide public access to water quality assessment information.	System operable and available to public	DEQ continues to support the Clean Water Act Information Center (CWAIC), which provides information about the quality of Montana's surface waters, displays results of water quality assessments, TMDL watershed restoration plans and TMDL implementation plans, and provides access to Montana's biennial Water Quality Integrated Report.
10	DEQ Monitoring and Assessment	Update the program's WQ assessment, TMDL, and implementation tracking system (WARD)	Integrated Report submitted to EPA in a timely manner	A 2022/2024 Water Quality Integrated report is planned for submission to EPA in 2025.

Table 8-3: Interim Outcome – TMDLs have been completed for required waterbodies

No.	Key Partner(s)	Actions	Measurable Milestones	2024 Accomplishments
11	DEQ TMDL Section, EPA	Complete Water Quality Improvement Plans (WQIPs) and necessary TMDLs	At least 150 additional TMDL pollutant-waterbody combinations completed by 2022	The Bitterroot River Nutrient Protection Plan was published in 2023. TMDL development work continues for nutrient impairments in the Beaverhead and Red Rock watersheds, covering 60 waterbody-pollutant combinations.

Table 8-4: Interim Outcome – Sources of pollutants identified are sufficient for local planning efforts

No.	Key Partner(s)	Actions	Measurable Milestones	2024 Accomplishments
12	DEQ Nonpoint Source and Wetlands Program, WRP sponsors	Support local efforts to refine pollutant source identification	Updated fine-scale source identification in at least 3 WRPs	The Smith River pollution source evaluation was completed by Fish Wildlife Parks in 2024. Madison WRP incorporated source identification from TMDL stream summaries. DEQ worked with Big Hole Watershed Committee to identify potential sources on Hagen and French Creek.

Table 8-5: Interim Outcome - Plans are in place to ensure efficient and effective implementation

No.	Key Partner(s)	Actions	Measurable Milestones	2024 Accomplishments
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13	DEQ Nonpoint Source and Wetlands Program, WRP sponsors, MACD	Work with watershed groups to develop and revise Watershed Restoration Plans (WRPs)	12 new or updated DEQ accepted WRPs by 2022	Accepted WRP for Madison WRP and Smith WRP . Provided funding for WRP development in the Musselshell River, Grant Creek, and Red Rock watersheds.
14	DEQ Nonpoint Source and Wetlands Program, Cities and Counties	Incorporate NPS pollution prevention into city and county planning processes	Provide information on NPS pollution prevention to 3 community planning entities	DEQ is working with EPA to fund the inventory, identification, and prioritization of septic system upgrades and/or sewerage in Lewis and Clark and Missoula Counties under the Sewer Overflow and Stormwater Reuse Municipal Grants Program. DEQ is serving as an advisor to the Western Montana Conservation Commission related to their EPA grant to mitigate toxic pollution in the headwaters of the Columbia River Basin.
15	DEQ Nonpoint Source and Wetlands Program, WRP Sponsors	Encourage integration of wetland restoration into NPS WRPs	Specific wetland planning components are included in 2 WRPs	NPSW staff continue to encourage inclusion of wetland planning components in WRP updates.
16	DEQ, DNRC, CDs	Encourage the development of channel migration mapping statewide	Number of miles mapped	Channel migration maps were updated and refined ~86 miles of the Yellowstone River to reflect changes from the 2022 flood.
			Number of waterbody segments mapped	
17	DEQ Nonpoint Source and Wetlands Program, WRP sponsors	Incorporate protection of unimpaired/high quality waters into watershed restoration plans	Number of Watershed Restoration Plans incorporating protection of healthy waters	No updates in 2024.
Table 8-6: Interim Outcome - Public has knowledge and resources to address NPS issues				
No.	Key Partner(s)	Actions	Measurable Milestones	2024 Accomplishments

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18	DEQ, MWCC	Provide support and promote the development and coordination of watershed groups through MWCC activities, training workshops, advertising campaigns, etc.	Annual watershed coordinator training	<p>Invasive Species Action Network (ISAN) and MWCC held the boating Banana AIS event at Georgetown Lake. The event informed citizens on AIS issues and trained them in the new CD3 unit.</p> <p>MWCC hosted a Fundraising Workshop with Certified Fund Raising Executive Chany Ockert and Life in the Land Documentary Filmmaker Lara Tomov in Helena.</p> <p>MWCC Hosted Conservation Conversations on channel mapping, grant management, drought and watershed planning and low-tech process-based restoration of riverscapes.</p>
			Annual watershed tour	The biennial Watershed Tour was co-hosted by the Sun River Watershed Group in Fall of 2024.
			Bi-weekly newsletter	MWCC publishes and distributes the bi-weekly Watershed News to over 1,000 natural resource professionals and community leaders. The newsletter highlights news, trainings, events, and other resources relevant to watershed conservation in Montana. MWCC also publishes a Conservation Fundraising Exchange newsletter, which includes updates from the MWCC Watershed Fund ; fundraising tips and resources; and state, federal, and private grant opportunities.
			Support development and maintenance of a water quality monitoring website	MWCC maintained its Water Monitoring Resources page. The Water Monitoring Resources page includes a library of resources relevant to watershed monitoring work and a searchable directory of water monitoring programs statewide.

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19	DEQ	Support riparian and wetland buffer education campaigns	Support 3 distinct riparian and/or wetland buffer education campaigns	<p>Nonpoint Source and Wetlands staff produced social media posts to recognize Worlds Wetlands Day (February 2). Staff also produced a social media campaign during the month of May to recognize American Wetlands Month and the work of Wetland Council partners.</p> <p>DEQ is working with the Pesticide Stewardship Partnership Program to fund native plant buffer initiatives in western Montana through the Bitterroot Water Partnership and the Missoula Conservation District. Programs are focused on increasing native plant availability and use, with education components aimed at reduced pesticide use for improved water quality.</p>
20	DEQ	Participation and presentations at land use planning meetings	Active participation in 5 events annually	Nonpoint Source and Wetlands staff provided guidance to local governments on monitoring, outreach and news releases, specifically in response to harmful algal blooms.
21	DEQ, EPA, MT Wetland Council, MWCC, NRCS, MACD, MT Stockgrowers Association	Publish or distribute accounts of exemplary environmental stewardship	Environmental stewardship awards and recognition highlighted in annual report	Stockgrowers Association awarded the Leopold award to the Wickens Family Ranch for prioritizing conservational practices with their cattle and bison herds.
22	DEQ, SWCDM, MWCC	Support NPS Education and Outreach efforts at a local level	Fund at least 5 E&O mini-grants annually	<p>\$29,144 was awarded to 8 E&O mini-grants in 2024. Funded projects included Yaak River Youth Water Quality Education Outreach Program, Interpretive Signage Bike Tour, Managing Horses for Water Quality Workshop and Living in the Flathead Guide outreach.</p> <p>\$93,676 in \$319 funding was awarded to four capacity building projects. Funded projects included a low-tech restoration process for landowners, Bitterroot watershed community engagement, rain barrel workshop effectiveness review and fostering relationships in the Bitterroot, Seeley Lake, and Flathead communities.</p>

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			Staff at least 2 watershed festivals annually	Staff participated in the Lake Helena Watershed Festival in in August. Staff led youth nonpoint source education events at Blackfoot Youth Field Day in Ovando, East Helena high school, Bitterroot Water Partnership Earth Stewardship Program, Montana Matters Youth Outdoors Expo and Helena School Age Childcare Program.
			Support at least 5 BSWC activities annually	<p>\$319 funding supported Big Sky Watershed Corps member work implementing WRPs with 5 local watershed organizations (BSWC host sites) by providing \$27,600 in BSWC cost share funding and \$5,805 in professional development support for members to attend the MWCC Sun River Watershed Tour, the Montana chapter of the American Water Resources Association annual conference, the NRCS Soil Health Symposium, and StormCon.</p> <p>\$22,464 of \$319 funding also supported 4 BSWC-led restoration projects which engaged 36 community members, implemented 32 conservation practices, and improved over 465 acres and more than 3.3 mile of streambank.</p>
23	DEQ	Support NPS Education and Outreach efforts at a statewide level	Annual maintenance and updates to DEQ NPS Management Program webpages	Nonpoint Source and Wetlands staff maintained an interactive maps for the public of §319 projects , MT Algal Blooms Map , NPSW Education Outreach webpage and conducted routine website updates for the FY2024 Call for §319 Applications and Education and Outreach materials.
			NPS Annual Report	The 2024 Annual Report will be published as a Story Map and submitted to EPA.
			Support two Wetland Council meetings annually	The Montana Wetland Council's spring meeting (March 13 th) provided information on how the State, Tribal Nations, and Local Governments can and are filling the gaps left by recent Supreme Court Rulings and Waters of the United States rulemaking. The council also discussed Trout Unlimited's water rights framework and when they may be required for wetland and stream restoration projects.
			Assist with the creation or updates of NPS publications	Nonpoint Source and Wetlands Program staff developed new harmful algal bloom safety informational cards and pamphlets. Cards were distributed to partner groups and the public, and digital versions were used for social media. Staff posted weekly HAB updates on DEQ's Facebook page.

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			Distribute NPS publications at 5 events annually	Staff distributed nonpoint source information at the Montana Matters Youth Outdoor Expo, UM Sustainability Fair, Lake Helena Watershed Festival, MACD Area meetings, and the MACD Annual Convention.
24	DEQ, MSUEWQ, MWCC, Montana Watercourse	Support volunteer monitoring efforts	Create or update VM technical guidance documents	In 2024, MSU Extension Water Quality via DEQ funding assisted in planning the Gallatin Water Science Meeting (2/19/25), surveyed volunteer monitoring participants to assess the 2024 monitoring season, developed and facilitated an undergraduate class at MSU allowing students to analysis data and report findings for two volunteer monitoring water quality programs, and uploaded four volunteer monitoring groups data into the Data Hub.
			Provide training and technical guidance to 5 VM groups annually	DEQ provided aquatic plant visual assessment training to the Stillwater Valley Watershed Council and lake monitoring training to the Clearwater Resource Council. Completed QA field monitoring reviews with the Sun River Watershed Group and Big Hole River Foundation. DEQ's MAS and Hard Rock programs provided technical guidance on metals monitoring and the Hard Rock Operation Permit process to the Bitterroot River Protection Association.
			Provide funding to support VM efforts	Supported \$38,987 of lab chemistry costs for 9 volunteer monitoring groups across the state: Big Hole River Foundation, Bitterroot River Protection Association, Clarks Fork Yellowstone Partnership, Clearwater Resource Council, Little Bitterroot Lake Association, Madison Conservation District, Missoula Valley Water Quality District, Stillwater Valley Watershed Council, and Sun River Watershed Group.
25	DEQ	Develop and conduct riparian and streamside land management workshop and education tools for the real estate industry	Develop workshop syllabus and course materials for continuing education credits	No updates in 2024
			Hold 2 workshops	No updates in 2024
26	DEQ, FWP, DNRC, DOJ, USACE, USFS, NRCS, BLM, DNRC, USFWS, CDs	Develop and implement an interagency policy for river restoration work, emphasizing restoration of natural processes	Interagency policy in place and supported by a wide range of government, nonprofit, and private entities	No updates in 2024

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27	MDT	Promote and support BMP training for road maintenance personnel	Provide 3 trainings for road maintenance personnel	No updates in 2024
28	DEQ	Support conferences that address stormwater pollution prevention and control strategies	Support 2 stormwater conferences	Provided 11 stormwater trainings to industry professionals working in construction and other industrial activities in 2024.
29	DNRC	Promote and conduct forestry BMP and stewardship educational workshops and programs	Annual BMP/SMZ education workshops for loggers and landowners	DNRC held BMP/SMZ workshops in Libby, Kalispell, Missoula and Bozeman Deer Lodge, coordinated by the Montana Logging Association. Attendance every 3 years is required to maintain " <u>Accredited Logging Professional</u> " status. A total of 169 individuals participated in 2024.
			Forest stewardship program targeting small landowners throughout Montana	Montana Extension Forestry held 5 Forest Stewardship Workshops for private landowners. In total, there were 152 participants representing 92 ownerships and over 12,000 acres of forested land. Their spring magazine goes out to over 3,000 forest landowners.
30	DEQ, DNRC	Increase awareness of regulatory requirements for nonpoint source pollution	Factsheet of existing NPS regulatory requirements	No updates in 2024.
			New audiences reached through publications and presentations	DEQ staff conducted 7 educational presentations on DEQ's Pesticide General Permit requirements and best practices for pesticide application near surface water, reaching 93 commercial pesticide applicators and 91 private pesticide applicators as part of continuing education trainings hosted by MT Department of Agriculture and Montana State University Extension.
31	DEQ	Increase number of applications for §319 funding	At least 20 applications received in 2022	21 §319 grant applications were submitted in 2024, 17 were selected for funding.

Table 8-7: Interim Outcome - Projects and practices are implemented to address NPS issues

No.	Key Partner(s)	Actions	Measurable Milestones	2024 Accomplishments
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32	DEQ Engineering Bureau	Encourage stormwater quality improvement projects funded through the state revolving fund program	Fund at least 4 stormwater projects	<p>The Red Lodge Stormwater System Improvements Phase 2 and 3 project was completed in October 2024. The project upsized existing infrastructure and eliminated cross connections of storm sewer to sanitary sewer.</p> <p>The Missoula South Hills Stormwater Project was completed in January 2024. The project included construction of buried storm sewer, a hydrodynamic solids separator for storm water treatment, and reconstruction of a large storm water infiltration facility that included native plantings to improve storm water treatment, aesthetics, and biodiversity.</p>
33	DEQ, MARS, NRCS, FWP, other organizations	Support for and involvement in public and private channel migration zone and riparian conservation easement programs	Annual report on increases in the number of stream miles covered under a conservation easement (based on available Montana cadastral data)	According to the Montana State Library's Conservation Easement geodatabase, approximately 30 miles of stream and riparian shoreline were protected under new conservation easements in 2024.
34	DEQ Nonpoint Source and Wetlands Program	Fund WQIP and WRP-directed NPS watershed restoration projects	Fund on-the-ground watershed restoration activities	DEQ distributed \$776,803 in §319 funding and \$1,339,889 of DNRC nonpoint source funding to 13 on-the-ground restoration projects in 2024.
35	DEQ	Provide reviews and comment on outside agency proposed projects that may have an effect on NPS pollution	Reviews completed and comments provided as appropriate	<p>Program staff helped review 10 MWCC Watershed Fund capacity grant applications.</p> <p>The Pesticide Stewardship Partnership Program (PSPP) was formed in 2024 as a collaborative network supporting efforts to reduce pesticide pollution in the Columbia River basin. DEQ is an active partner, with NPSW staff participating in PSPP meetings and coordination.</p>
36	DEQ Nonpoint Source and Wetlands Program	Protect, restore, and create riparian and wetland buffers designed to prevent or reduce NPS pollution	Fund 10 miles of riparian buffer enhancement through Section §319 contracts	§319 contracts implemented in 2024 will result in more than 5 miles of riparian buffer enhancement along Ninemile Creek, Flint Creek, Camp Creek, West Fork Camp Creek, Spring Creek, O'Brian Creek, Miller Creek and Middle Big Fork River.
			Fund 10 acres of wetland enhancement through Section §319 contracts	Lower Mandeville Creek and Upper E. Gallatin Floodplain & Wetland Projects will establish floodplain, riparian, and off-channel wetlands in the Lower Gallatin Watershed.
37	DEQ Fiscal, Nonpoint Source and Wetlands Program	Manage and implement the NPS Management Program in efficient and effective manner, including fiscal management	Review and update guidance annually to reflect state and federal reporting requirements	Staff updated the §319 2024 Call for Applications. Staff conducted an agency review panel meeting to rank and select the next Focus Watershed. Lower Shields Watershed was selected.

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			Conduct contract initiation meetings for all new contracts	NPSW Program staff arranged contract kick off meetings with all new or interested contractors.
			Ensure 75% of 319 contracts are closed within three years of contract award	6 out of 8 \$319 contracts initiated in 2021 closed within 3 years.
38	DEQ, USFS, BLM, MDT, NRCS, FWP	Work with agencies to encourage water quality improvement actions	Develop, revise, or implement DEQ water quality improvement MOUs with agencies, including USFS, BLM, MDT, NRCS, and FWP	USFS submitted a report highlighting 2024 NPS accomplishments summarizing watershed restoration activities that have occurred on USFS-managed lands. A renewed MOU was signed at the end of 2024. USFS and DEQ collaborated on the Fish Passage Barrier Assessment on three Upper Lolo Tributaries.
39	DEQ, DNRC, NRCS, FWP, irrigation districts, CDs, watershed groups, private landowners	Support efforts to restore and protect wetlands, natural channel migration, and natural hydrologic regimes	Encourage submittal of requests for funding for projects that will make substantive, sustainable reductions in hydrologic modification	The FY2024 \$319 Funding Application calls for projects, consistent with the 2017 Montana Nonpoint Source Management Plan strategies, include reductions in hydrologic modification. Funded projects located on Moore Creek, Alder Gulch, and Ninemile Creek will substantively and sustainably address hydrologic modifications.
			Encourage groups that are developing or updating a WRP to incorporate plans to address hydrologic modification and wetland protection/restoration	The draft of the Big Hole WRP identifies plans to address hydrologic modification and wetland restoration.
40	DEQ, NRCS, CDs	Continue support for the National Water Quality Initiative (NWQI) under the EQIP program	Successful expenditure of all available funding in designated NWQI watersheds	NWQI continues in the Camp and Godfrey Creek and Shields River watersheds.
			Ongoing water quality monitoring and technical support	DEQ and NRCS continued to provide technical and financial support for water quality monitoring on Camp Creek, conducted by the Gallatin Local Water Quality District. In 2024, DEQ provided technical assistance and allocated \$466,399 to two restoration projects in the Camp Creek watershed. The projects, sponsored by Trout Unlimited and Gallatin Watershed Council, will together restore 2.6 miles of stream.
			Identification and preparation of future NWQI watersheds	No updates for 2024.

Table 8-8: Interim Outcome - Project implementation and effectiveness is tracked and reported

No.	Key Partner(s)	Actions	Measurable Milestones	2024 Accomplishments
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41	DEQ Nonpoint Source and Wetlands Program	Conduct TMDL implementation evaluations	At least 15 reviews completed	No TIEs completed in 2024.
42	DEQ Nonpoint Source and Wetlands Program	Implement a long-term 319 project effectiveness evaluation program	Project effectiveness evaluation program in place by 2019	NPSW staff continued wetland effectiveness monitoring with the goal of developing methods to better quantify site-specific nutrient and sediment load reductions associated with wetland restoration.
			Project sites are evaluated every 5 years	7 §319 Project Effectiveness Reviews were conducted at sites in the Beaverhead, Blackfoot, Bitterroot, Gallatin, Madison, and Flathead watersheds.
43	DNRC	Work with forest agency partners (especially DNRC Forestry Assistance) to ensure effective forestry BMP and SMZ activities, and assess the effectiveness of SMZ and HCPs	Biannual reports on forestry BMP audits	In 2024, Montana DNRC assembled field review teams and collected site information for the forestry BMP report that will be published in summer 2025.
			Reports on SMZ and HCPs	An executive summary of the 2024 BMP Field Reviews was published and distributed to Montana Legislators. The report can be found at https://dnrc.mt.gov/Forestry/Forest-Management/BMP-Exec-Summary-2025-FINAL3.pdf .
44	DEQ Monitoring and Assessment Section	Administer MT-eWQX water quality database system to track and provide public access to water quality monitoring data	Upload all ambient water quality monitoring data collected by DEQ, its contractors, or data partners to EPA National STORET/WQX water quality data warehouse	DEQ processed data for monitoring projects for condition assessments (i.e., 305(b) reporting), water quality standards, watershed/water quality modeling, and projects from data providers outside DEQ.

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New §319 Projects Funded in 2024									
Project Name	Project Sponsor	Contract Number	DEQ Project Officer	Other §319 Funds	FY24 §319 Funds	State Funds	Non-Federal Match Funds	Federal Funds	Total Project Cost
Miller And O' Brian Creek Restoration and Sediment Reduction	Clark Fork Coalition	223004	Hanah Riedl	\$225,000	\$11,193	\$35,482	\$125,400	-	\$387,075
Dry Creek Restoration Phase 3	Trout Unlimited	223012	Torie Haraldson	\$115,000	\$91,000	-	\$150,750	-	\$356,750
Lower Moore Creek Restoration Project Phase 1	Madison Conservation District	225002	Steve Carpenedo	-	\$10,000	\$105,568	\$77,045	-	\$192,613
Alder Gulch Reclamation Project	Ruby Valley Conservation District	225003	Mark Ockey	-	\$2,850	\$269,150	\$181,334	-	
Building Local Capacity to Improve Water Quality Through the Big Sky Watershed Corps Program	Montana Watershed Coordination Council	225004	Meagan Gilmore	-	\$168,000	-	\$127,250	-	\$295,250
Branch Out Bozeman	Gallatin Watershed Council	225005	Torie Haraldson	-	\$113,574	-	\$75,716	-	\$188,814
Spring Creek/Camp Creek Restoration Project	Gallatin Watershed Council	225006	Mark Ockey	-	\$129,295	\$282,299	\$96,260	\$336,918	\$844,772
Camp Creek Headwaters Restoration	Trout Unlimited	225007	Torie Haraldson	-	\$75,450	\$91,650	\$33,200	-	\$200,300
Elkhorn Ranch Revegetation and Fencing Project	Big Hole Watershed Committee	225008	Steve Carpenedo	-	\$66,641	\$154,391	\$116,750	-	\$337,782
Tolan Creek Habitat Restoration and Collaborative Outreach in the Bitterroot	Bitterroot Water Partnership	225009	Ella Lunny	-	\$37,250	\$108,350	\$26,992	\$130,800	\$303,392
Flint Creek Phase 3 Habitat Restoration Project	Trout Unlimited	225010	Ella Lunny	-	\$94,499	\$105,500	\$28,000	-	\$227,999
Ninemile Reach 7 Placer Mine Reclamation	Trout Unlimited	225011	Mark Ockey	-	\$5,800	\$245,000	\$257,100	\$ 100,000	\$607,900
Process-based, Low-tech Restoration Education and	Montana Technological	225012	Tiffany Lyden	-	\$29,613	-	\$4,000	-	\$33,613

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New §319 Projects Funded in 2024									
Project Name	Project Sponsor	Contract Number	DEQ Project Officer	Other §319 Funds	FY24 §319 Funds	State Funds	Non-Federal Match Funds	Federal Funds	Total Project Cost
Project Implementation Training for Landowners	University – Clark Fork Watershed Education Program								
Seeley Lake Nonpoint Source Coordination, Outreach and Education	Clearwater Resource Council	225013	Meagan Gilmore	-	\$20,000	-	\$3,334	-	\$12,334
Rolling Rivers Trailer Education and Outreach	Montana Association of Conservation Districts	225014	Tiffany Lyden	-	\$18,813	-	\$14,880	-	\$33,693
TOTAL				\$340,000	\$855,978	\$1,397,390	\$1,304,595	\$567,718	\$3,934,196

§319 Projects Closed in 2024						
Project Name	Contractor	Contract Number	§319 Funds Expended	Non-Federal Match Funds Expended	Final Payment Date	Load Reductions Achieved
Basin-wide Restoration of the Upper Lolo Watershed	Clark Fork Coalition	221024	\$287,300	\$285,415	12/20/2024	Sediment: 3.7 tons/year
319 Education and Outreach Mini-Grant Program	Montana Association of Conservation Districts	221027	\$33,090	\$22,060	3/20/2024	-
Poorman Creek Restoration	Trout Unlimited	221021	\$175,000	\$136,000	3/31/2024	Sediment: 101 tons per year
Nevada Creek Restoration – Phase 6	Trout Unlimited	223046	\$130,142	\$211,200	10/7/2024	Sediment: 539 tons per year Nitrogen: 65.32 pounds per year Phosphorus: 66.10 pounds per year

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Earl Tennant Meanders Stream Relocation Project	Lolo National Forest	223031	\$189,575	\$126,383	10/11/2024	-
Building Capacity for Large-Scale Restoration of Grant Creek	Clark Fork Coalition	224034	\$10,000	-	10/25/2024	-
Middle Fork Judith River Restoration: Riparian Road Decommissioning and Rehabilitation, Phase 5	Trout Unlimited	223009	\$63,000	\$45,300	12/27/2024	Sediment: 2.88 tons per year
Beaver Creek and Big Sandy Creek Water Quality Survey	Hill County Conservation District	224035	\$10,000	-	1/24/2025	-
Engagement Plan to Support Water Quality in the Smith River Watershed	Meagher County Stewardship Council	224036	\$10,000	-	10/17/2024	-
Upper Ninemile Creek Placer Mine Reclamation and Stream Restoration – Phases 5 and 6	Trout Unlimited	221028	\$178,702	\$70,270	09/30/2024	Sediment: 305 tons/year
Big Sky Watershed Corps Support Mini-Grants	Montana Watershed Coordination Council	223042	\$75,761	\$211,886		
Musselshell Watershed Restoration Plan	Musselshell Watershed Coalition	224037	\$10,000			
Total			\$1,099,570	\$1,108,156	-	Sediment: 951.58 tons/year Nitrogen: 65.32 pounds per year Phosphorus: 66.10 pounds per year

FY22 STAFFING AND SUPPORT PROGRAM GRANT

The Montana Department of Environmental Quality (DEQ) completed the U.S. Environmental Protection Agency's (EPA) Staffing and Support grants #C9-00863822. The grant was originally broken into staffing and support costs of \$1,114,500, plus a state match contribution of \$743,000, for a total of \$1,857,500. The grant's original time frame ran July 1, 2021 through June 30, 2023. DEQ submitted the Federal Financial Report on August 5, 2022. Information in this report may not reflect information reported on for the EPA Performance Partnership Grant (PPG) grant, as it is a separate grant.

As of the date of this report all tasks detailed in the original application have been completed. Through the State Fiscal Year (SFY) 2022 Staffing and Support grant, DEQ staff conducted work described in the 2021 and 2022 Annual Reports available at <https://deq.mt.gov/water/Programs/nonpoint#accordion2-collapse1>.

As a requirement of EPA's §319 grant, the State is required to provide a 40% state match. This is done using "general funds" provided by the state legislature to DEQ. Combining the federal and state contributions, the SFY 2022 Staffing and Support grant allowed DEQ to staff the following positions:

Fiscal Services	0.81 FTE
Monitoring and Assessment	12 FTE
TMDL Program	0.75 FTE
Nonpoint Source and Wetlands Program	5.10 FTE
Information Management/QAQC/Bureau Chief	1.14 FTE
Legal support	0.13 FTE
<u>Permitting and 401 Certification Support</u>	<u>0.95 FTE</u>
TOTAL FTE:	20.88 FTE

FY23 STAFFING AND SUPPORT PROGRAM GRANT

The Montana Department of Environmental Quality (DEQ) completed the U.S. Environmental Protection Agency's (EPA) Staffing and Support grants #C9-00863823. The grant was originally broken into staffing and support costs of \$729,000, plus a state match contribution of \$486,000, for a total of \$1,215,000. The grant's original time frame ran July 1, 2022 through June 30, 2024. DEQ submitted the Federal Financial Report on September 12, 2023. Information in this report may not reflect information reported on for the EPA Performance Partnership Grant (PPG) grant, as it is a separate grant.

As of the date of this report all tasks detailed in the original application have been completed. Through the State Fiscal Year (SFY) 2022 Staffing and Support grant, DEQ staff conducted work described in the 2022 and 2023 Annual Reports available at <https://deq.mt.gov/water/Programs/nonpoint#accordion2-collapse1>.

As a requirement of EPA's §319 grant, the State is required to provide a 40% state match. This is done using "general funds" provide by the state legislature to DEQ. Combining the federal and state contributions, the SFY 2022 Staffing and Support grant allowed DEQ to staff the following positions:

Nonpoint Source and Wetlands	0.8 FTE
Standards and Modeling Section	0.63 FTE
TMDL Program	0.7 FTE
Monitoring and Assessment	11.5 FTE
Information Management/QAQC/Bureau Chief	0.10 FTE
Fiscal Services	0.78
<u>Legal support</u>	<u>0.13 FTE</u>
TOTAL FTE:	14.79 FTE

FY24 STAFFING AND SUPPORT PROGRAM GRANT

The Montana Department of Environmental Quality (DEQ) completed the U.S. Environmental Protection Agency's (EPA) Staffing and Support grants #C9-00863824. The grant was originally broken into staffing and support costs of \$1,114,500, plus a state match contribution of \$743,000, for a total of \$1,857,500.

The grant's original time frame ran July 12, 2023 through June 30, 2025. DEQ submitted the Federal Financial Report on October 29, 2024. Information in this report may not reflect information reported on for the EPA Performance Partnership Grant (PPG) grant, as it is a separate grant.

As of the date of this report all tasks detailed in the original application have been completed. Through the State Fiscal Year (SFY) 2023 Staffing and Support grant, DEQ staff conducted work described in the 2023 Annual Report available at <https://deq.mt.gov/water/Programs/nonpoint#accordion2-collapse1>, and this 2024 Annual Report.

As a requirement of EPA's §319 grant, the State is required to provide a 40% state match. This is done using "general funds" provide by the state legislature to DEQ. Combining the federal and state contributions, the SFY 2023 Staffing and Support grant allowed DEQ to staff the following positions:

Nonpoint Source and Wetlands	1.75 FTE
Standards and Modeling Section	1.00 FTE
TMDL Program	3.50 FTE
Monitoring and Assessment	12.5 FTE
Information Management/QAQC/Bureau Chief	0.25 FTE
<u>Legal support</u>	<u>0.18 FTE</u>
TOTAL FTE:	19.18 FTE