

Water Quality Educational Opportunities



General Resources

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Trainings/Conferences

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General Resources (*available online*)

deq.mt.gov/Water/resources



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Resource

Supplementary resources including documents, reports, frequently asked questions, and guidance. For additional information please visit the specific DEQ program page. To obtain records that are not available on the DEQ website please visit the [Public Records Center](#).

Water Seminar

deq.mt.gov/Water/resources

Water Seminar - Video Table

TOPIC	VIDEO LINK	VIDEO DESCRIPTION	WEBSITE RESOURCES
1. Water Quality Division Welcome	Video Link (00:45)	Greeting and an introduction from the Water Quality Division Administrator.	
2. Water Quality Programs and Governance	Video Link (23:07)	An integrated approach to addressing water quality; understanding primacy and rulemaking.	Water's Homepage
3. Water Quality Standards	Video Link (00:56)	The purpose of water quality standards and the difference between numeric and narrative standards.	Water's Standards Webpage
4. Beneficial Uses	Video Link (01:23)	How beneficial uses of water provide context for protecting water quality.	Water's Standards Webpage
5. Setting Standards	Video Link (08:09)	The process for developing and adopting standards into state rule.	Water's Standards Webpage
6. Water Quality Planning	Video Link (11:19)	The role of monitoring, assessment, TMDLs, and nonpoint source pollution in watershed planning.	Water's Total Maximum Daily Load Webpage
7. Nonpoint Source Pollution	Video Link (01:12)	How voluntary reductions of nonpoint sources of pollution are achieved in Montana.	Water's Nonpoint Pollution Webpage
8. Discharge Permitting	Video Link (11:26)	How information in permit applications are translated into permit limits.	Water's Permitting Webpage
9. Nondegradation	Video Link (02:31)	Applications of Montana's nondegradation provisions.	
10. Public Water Supply	Video Link (05:26)	What public water supplies are and the regulations that ensure safe drinking water.	Water's Drinking Water Webpage
11. Grants and Loans	Video Link (09:55)	Types of funding available from DEQ for external partners to implement water quality protections.	Water's Engineering Infrastructure & Subdivisions Webpage

<https://deq.mt.gov/water/Programs/eng>



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Program Overview

The process of dividing land into parcels is a necessary and important function in the growth of a community. When, where, and how development occurs establishes land division patterns for the community that will last for generations.

Subdivision Review

The DEQ Subdivision Program reviews divisions of land comprising less than 20 acres, as well as condominiums and recreational camping vehicle and mobile home parks, regardless of the size of the parcel where they are located. This review is limited to sanitation facilities, including the water supply, sewage disposal, solid waste disposal, and storm drainage systems.

Subdivisions are reviewed prior to creating the parcels to assure that adequate sanitation facilities can be constructed, operated, and maintained to support each parcel. Planning ahead for proper design and location of the facilities helps protect both our surface and ground water in Montana.

Design manuals have been developed to provide standards for wastewater treatment systems, water supply development, and storm drainage systems. The regulations also set out minimum separation distances between water supply sources and potential contamination sources such as wastewater treatment systems, surface waters, and floodplains.

The regulations and subdivision review are structured to prevent pollution problems through the proper design, location, operation, and maintenance of sanitation facilities.

Sign up for Subdivision email updates

SUBDIVISION APPLICATION TRAINING

CONTACTS

Subdivisions and Engineering Program Contacts

Bureau Chief
[Rachel Clark](#) (406) 444-1277

Program Support Specialist
[Candice Gernand](#) (406) 444-4643

Program Support Specialist
[Hannah Monday](#) (406) 444-1801

Drinking Water State Revolving Fund

Section Supervisor
[Jake Goettle](#) (406) 444-6824

Water Pollution Control State Revolving Fund

Section Supervisor
[Mike Abrahamson](#) (406) 444-6776

Public Water Supply

Section Supervisor
[Jackie Kuhl](#) (406) 444-1515

Subdivision Review

Section Supervisor
[Shawn Rowland](#) (406) 444-6727

Subdivision application training conducted November 2023.

Topic	Recording	Materials
General Application	General Application Recording	General Application PowerPoint (PDF)
Onsite Wastewater	Onsite Wastewater Recording	Proposed Rule Changes (2023) Recording Proposed Rule Changes PowerPoint (PDF)
Nondegradation 101	Nondegradation 101 Recording	Municipal Facilities Exclusions (MFEs) Recording Municipal Facilities Exclusions (MFEs) PowerPoint (PDF)
Onsite Water	Onsite Water Recording	Nondegradation Continued Recording Nondegradation Continued PowerPoint Pt 1 (PDF)
Stormwater	Stormwater Recording	Nondegradation Continued PowerPoint Pt 2 (PDF)
Other Documents: Nondegradation Predetermination, Sage Grouse Documentation, Waivers/Deviations, Modified Site Plans	Other Documents Recording	Water and Sewer Main Extensions Recording Water and Sewer Main Extensions PowerPoint (PDF)
DNRC Predetermination	DNRC Predetermination Recording	Discharge Permits Recording Discharge Permits PowerPoint (PDF)
		Multiple-User Water Systems / Public Water System Two Step Process Recording Multiple-User Water Systems / Public Water System Two Step Process PowerPoint (PDF)

Some Recurring Trainings/Conferences



- **DEQ Subdivision Application Trainings – Fall**
training for sanitarians and consultants
- **MT Water School – Spring**
training for Water and Wastewater Operators - MSU/DEQ collaboration
- **MEHA – Spring**
MT Environmental Health Assn
- **MSAWWA & MWEA - Spring**
MT Section American Water Works Assn & MT Water Environment Assn
- **Montana AWRA - Fall**
American Water Resources Association
- **MT Stormwater Conference - 2025**

Upcoming Training

ato.montana.edu/waterschool/

 **MONTANA**
STATE UNIVERSITY

Search pages & people 

Academic Technology & Outreach / Water School

Spring Water School 2024




**WATER
SCHOOL**

SPRING 2024  **MAY 14-16**

Upcoming Conference

montanawater.org




Montana Section
American Water Works Association

Montana Water
Environment Association

f

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JOINT CONFERENCE



2024 Joint Conference: *"Working Together To Protect Montana's Water Resources"*
2024 Preconference: Sponsored by MSAWWA *"At The Crossroads of Clean Water: Managing Forever Chemicals, Cyanotoxins & Unregulated Contaminants in Water & Wastewater"*

When: April 23-25, 2024
Where: Hilton Garden Inn
Address: 3720 North Reserve St., Missoula MT 59808

Online: [Use this link to reserve a room at the Hilton Garden Inn for the conference](#)

By phone: 406-532-5300

Upcoming Conference

confluencepha.org/



Confluence 2024: The Power of Possibility: Reimagining Public and Environmental Health in Montana

Montana's Annual Public and Environmental Health
Conference

REGISTER

When: April 1-3, 2024

Where: Holiday Inn Missoula Downtown | Missoula, MT

General Information: [Join Us!](#)

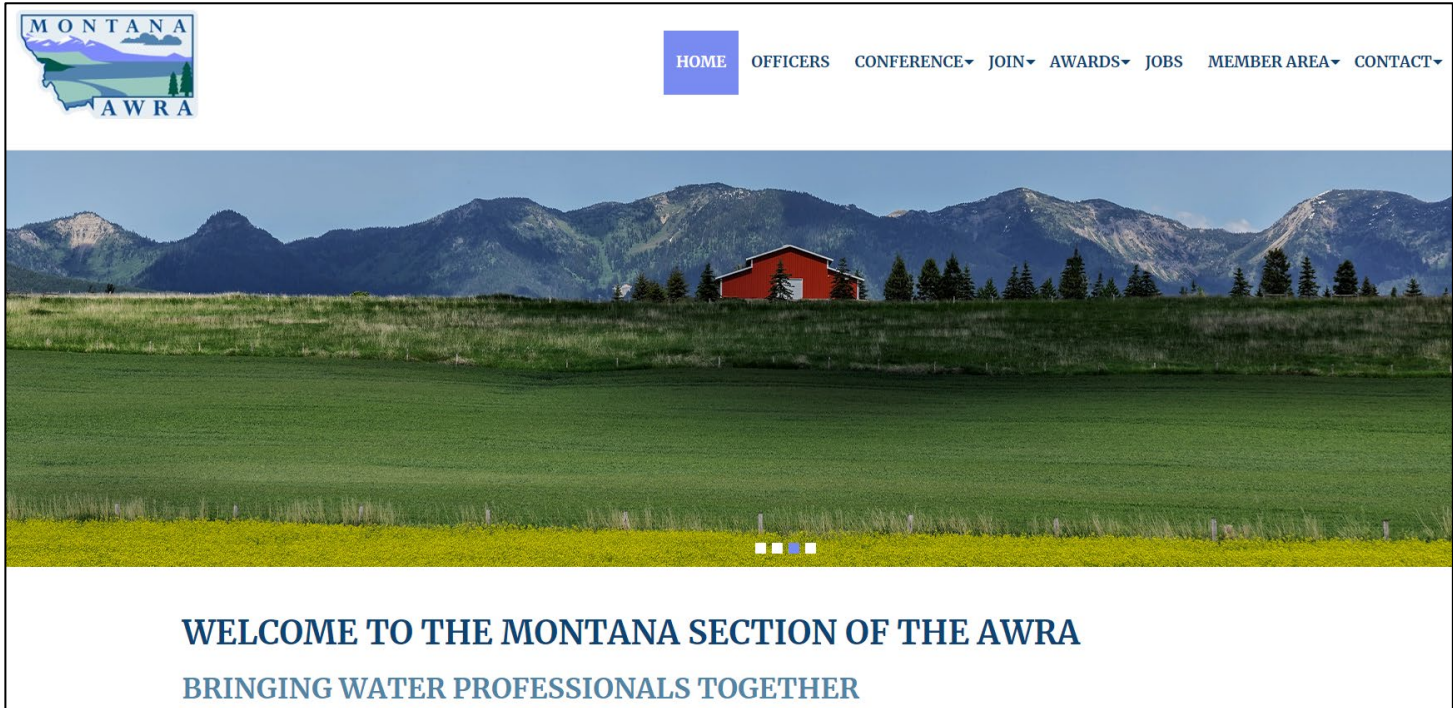
Hotel and
Registration
Information

Session Offerings

Agenda

Upcoming Conference

montanaawra.org/



**OCTOBER 9 – 11,
2024**

2024 MONTANA AWRA ANNUAL CONFERENCE

WHITEFISH, MT

Upcoming Opportunity



2024 Clark Fork Science Forum

☆ I'm Interested ↗ Share

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Date & Time

🕒 Wed Apr 24 2024 at 08:00 am to Thu Apr 25 2024 at 04:00 pm
(GMT-06:00)
[Add to Calendar](#)

Location

📍 Montana Technological University Student Union Building (Copper Lounge), 1300 West Park Street, Butte, United States
[View on Map](#)

Join the second annual Clark Fork Science Forum on April 24 - 25 hosted by the USGS, Montana Technological University, University of Montana, Montana Bureau of Mines and Geology, Natural Resource Damage Program, and the Clark Fork Coalition. Participants from federal, state, academic, non-profit, and industry professionals are invited to presentations and discussions that will focus on issues above, at, and below Warm Springs Ponds. There are also opportunities available for student presentations, proposed research lightning talks, and a poster session.

Online Event Calendars / Other Resources

macdnet.org/events-calendar/



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ASSOCIATION *of*
CONSERVATION
DISTRICTS

mtwatersheds.org/resources/training/



waterquality.montana.edu/



MSU Extension Water Quality

Department of Land Resources and Environmental Sciences

