Environmental Checklist Instructions

Purpose of This Document:
All applicants must consider the potential environmental impacts of their projects as all projects will be subject to a NEPA (National Environmental Policy Act) and MEPA (Montana Environmental Policy Act) review. Consideration of these impacts on the location, design, or construction actions may help avoid expensive costs. A project may not be eligible for funding if it results in significant environmental degradation even with mitigation.

Per Section 102(2)(C) of the National Environmental Policy Act, any Federal action significantly affecting the quality of the human environment must complete a NEPA review and prepare either an EIS (Environmental Impact Statement) and a ROD (Record of Decision); EA (Environmental Assessment) and a FONSI (Finding of No Significant Impact); or document a Categorical Exclusion (CE). Major Federal actions may include: any projects within Federal jurisdiction and/or triggering Federal permits; Federal funding in whole or part; projects on Federal land or affecting Federal facilities; Continuing Federal actions with effects on land or facilities; and new or revised Federal rules, regulations, plans, or procedures.

Montana state agencies are required to comply with the Montana Environmental Policy Act (MEPA) per state law and associated agency-specific Administrative Rules (ARM 36.2.523). MEPA requires state agencies to prepare a detailed statement on any project, program, or activity directly undertaken by the agency; a project or activity supported through a contract, grant, subsidy, loan, or other form of funding assistance from the agency; and a project or activity involving the issuance of a lease, permit, license, certificate, or other entitlement for use or permission by the agency (MCA Title 75, Chapter 1).

Instructions:
Complete the Environmental Checklist on the following pages after the instructions below.

Example			
Impact Code	**Impact Type**	**Permits/ Mitigation Required?**	**Explanation of Impact to Resource**
1. Soil Suitability, Topographic and/or Geologic Constraints (example: soil slump, steep slopes, subsidence, seismic activity)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐ Permit ☐ Mitigation ☐ NA	*Current Conditions:* *Preferred Alternative Environmental Narrative:*

1. **Impact Code:** In the first column, identify the impact that the preferred alternative will have on each resource (e.g. 1. Soil Suitability, Topographic and/or Geologic Constraints) in the project area. Select from the following impact codes:
   - *No Impact*: No impact to the resource is anticipated or this is not applicable to this project.
   - *Beneficial*: Potentially beneficial impact to the resource.
   - *Adverse*: Potentially adverse impact to the resource.

   Please note that a resource may have more than one impact. Identify all possible impacts to the resource in the space provided. For example, the preferred alternative may have a short-term direct negative impact and a long-term direct and indirect positive impact on the resource.

Check all boxes that apply and use the space provided in the final column "Explanation of Impact to Resource" to explain.

Example			
Impact Code	**Impact Type**	**Permits/ Mitigation Required?**	**Explanation of Impact to Resource**
1. Soil Suitability, Topographic and/or Geologic Constraints (example: soil slump, steep slopes, subsidence, seismic activity)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐ Permit ☐ Mitigation ☐ NA	*Current Conditions:* *Preferred Alternative Environmental Narrative:*

2. **Impact Type:** In the second column, identify the type(s) of impact to the resource from the preferred alternative. (Impacts may be direct, indirect or cumulative).
    - *Direct impacts*: Occur at the same time and place as the proposed project.
    - *Indirect or secondary impacts*: Occur at a different location or later time than the proposed project.
    - *Cumulative impacts*: Collective impacts on the environment when considered in conjunction with other past, present, and future actions related to the proposed project. Cumulative impact analysis includes a review of all state and nonstate activities that have occurred, are occurring, or may occur that have impacted or may impact the same resource as the proposed project.

    Just as above, please note that a resource may have more than one impact. Identify all possible impacts to the resource in the space provided. For example, the preferred alternative may have a short-term direct negative impact and a long-term direct and indirect positive impact on the resource. Check all boxes that apply and use the space provided in the final column "Explanation of Impact to Resource" to explain.

Example			
Impact Code	**Impact Type**	**Permits/ Mitigation Required?**	**Explanation of Impact to Resource**
1. Soil Suitability, Topographic and/or Geologic Constraints (example: soil slump, steep slopes, subsidence, seismic activity)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐ Permit ☐ Mitigation ☐ NA	*Current Conditions:* *Preferred Alternative Environmental Narrative:*

3. **Permits/Mitigation Required:** In the third column, please select if a permit and/or mitigation is required for the project (e.g., 310, USACE Section 404 Nationwide).
    a. Please make sure to include which permits (if any) are required for the particular resource and what mitigation techniques will be used if impacts are to occur.

Example			
Impact Code	**Impact Type**	**Permits/ Mitigation Required?**	**Explanation of Impact to Resource**
1. Soil Suitability, Topographic and/or Geologic Constraints (example: soil slump, steep slopes, subsidence, seismic activity)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	*Current Conditions:* Click or tap here to enter text. *Preferred Alternative Environmental Narrative:* Click or tap here to enter text.

4. **Explanation of Impact to Resource:** In the final column, use the space provided on the Environmental Checklist to summarize the following information:
   a. *Current Conditions*
      - Describe the current environmental resources of the affected area including the impact of no action. Your description of the current natural resources will provide a baseline to compare all alternatives and their associated environmental impacts.
   b. *Preferred Alternative Environmental Narrative:*
      - Describe the impact of the preferred alternative or ***indicate why there is no impact*** from the project.
      - Identify any reasonable cumulative impacts that may result from implementing the preferred alternative. Cumulative impacts are the collective impacts on the environment when considered in conjunction with other past, present, and future actions related to the proposed project.
      - If a potentially adverse impact is identified for the preferred alternative, the applicant must provide the following:
        o An analysis of the severity, duration, extent, and frequency of the impact. Please specify and describe the following:
          ▪ Severity: negligible, minor, or major.
          ▪ Duration: short-term or long-term.
          ▪ Extent: local, regional, or statewide.
          ▪ Frequency: non-recurring or recurring.
        o An explanation of short- and/or long-term measures to mitigate the impact with a discussion on the effects of those mitigative measures on the proposed project.
      - Identify any required permits.

5. **Additional Information:** Underneath the table the following information must be provided:
   a. Sources of Information: Identify all sources consulted for the completion of the Environmental Checklist. Sources may include studies, plans, documents, or the persons, organizations, or agencies contacted for assistance.

Environmental Checklist

Environmental Checklist Prepared by: On: Click or tap to enter a date.

Click or tap here to enter text.   Click or tap here to enter text.

Name of Person 1   Organization
Click or tap here to enter text.   Click or tap here to enter text.

Phone Number   Email
Click or tap here to enter text.   Click or tap here to enter text.

Name of Person 2   Organization
Click or tap here to enter text.   Click or tap here to enter text.

Phone Number   Email

Click or tap here to enter text.
List additional people above. Include organization, phone number and email for all.

As the engineer that prepared the preliminary engineering report, I _Click or tap here to enter text._____,
                                                                                        (print name of engineer)
have reviewed the information presented in this checklist and believe that it accurately identifies the environmental resources in the area and the potential impacts that the project could have on those resources. In addition, the required state and federal agencies were provided with the required information about the project and requested to provide comments on the proposed public facility project. Their comments have been incorporated into and attached to the Preliminary Engineering Report.

Engineer's Signature:_____
Date:_____

		Permits/ Mitigation	
Impact Code	**Impact Type**	**Required?**	**Explanation of Impact to Resource**
1. Soil Suitability, Topographic and/or Geologic Constraints (example: soil slump, steep slopes, subsidence, seismic activity)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐ Permit ☐ Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.
2. Hazardous Facilities (example: power lines, hazardous waste sites, acceptable distance from explosive and flammable hazards including chemical/petrochemical storage tanks, underground fuel storage tanks, and related facilities such as natural gas storage facilities and propane storage tanks)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐ Permit ☐ Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.

Physical Environment

3. Surrounding Air Quality (example: dust, odors, emissions)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐ Permit ☐ Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.
4. Groundwater Resources and Aquifers (example: quantity, quality, distribution, depth to groundwater, sole source aquifers)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐ Permit ☐ Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.
5. Surface Water/Water Quality, Quantity and Distribution (example: streams, lakes, storm runoff, irrigation systems, canals)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐ Permit ☐ Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.
6. Floodplains and Floodplain Management (Identify any floodplains within one mile of the boundary of the project.)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐ Permit ☐ Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.
7. Wetlands (Identify any wetlands within one mile of the boundary of the project and state potential impacts.)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐ Permit ☐ Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.
8. Agricultural Lands, Production, and Farmland Protection (example: grazing, forestry, cropland, prime or unique agricultural lands) Identify any prime or important farm ground or forest lands within one mile of the boundary of the project.			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐ Permit ☐ Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.
9. Vegetation and Wildlife Species and Habitats, Including Fish (example: terrestrial, avian and aquatic life and habitats)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐ Permit ☐ Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.
10. Unique, Endangered, Fragile, or Limited Environmental Resources, Including Endangered Species (example: plants, fish or wildlife)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐ Permit ☐ Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.

11. Unique Natural Features (example: geologic features)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.

12. Access to, and Quality of, Recreational and Wilderness Activities, Public Lands and Waterways (including Federally Designated Wild & Scenic Rivers), and Public Open Space			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.

Human Environment			
Impact Code	**Impact Type**	**Resource**	
1. Visual Quality – Coherence, Diversity, Compatibility of Use and Scale, Aesthetics			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.
2. Nuisances (example: glare, fumes)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.
3. Noise – Suitable Separation Between Housing and Other Noise Sensitive Activities and Major Noise Sources (example: aircraft, highways and railroads.)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.
4. Historic Properties, Cultural, and Archaeological Resources			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.
5. Changes in Demographic (Population) Characteristics (example: quantity, distribution, density)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.
6. General Housing Conditions – Quality, Quantity, Affordability			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.
7. Businesses or Residents (example: loss of, displacement, or relocation)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.

8. Public Health and Safety

☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.

9. Local Employment – Quantity or Distribution of Employment, Economic Impact

☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.

10. Income Patterns – Economic Impact

☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.

11. Local and State Tax Base and Revenues

☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.

12. Community and Government Services and Facilities (example: educational facilities; health and medical services and facilities; police; emergency medical services; and parks, playgrounds and open space)

☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.

13. Commercial and Industrial Facilities – Production and Activity, Growth or Decline

☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.

14. Social Structures and Mores (example: standards of social conduct/social conventions)

☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.

15. Land Use Compatibility (example: growth, land use change, development activity, adjacent land uses and potential conflicts)

☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.

16. Energy Resources – Consumption and Conservation

☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	Current Conditions: Click or tap here to enter text. Preferred Alternative Environmental Narrative: Click or tap here to enter text.

17. Solid Waste Management

☐ No Impact	☐ Direct	☐Permit	Current Conditions:
☐ Beneficial	☐ Indirect	☐Mitigation	Click or tap here to enter text.
☐ Adverse	☐ Cumulative	☐ NA	Preferred Alternative Environmental Narrative:
			Click or tap here to enter text.

18. Wastewater Treatment – Sewage System

☐ No Impact	☐ Direct	☐Permit	Current Conditions:
☐ Beneficial	☐ Indirect	☐Mitigation	Click or tap here to enter text.
☐ Adverse	☐ Cumulative	☐ NA	Preferred Alternative Environmental Narrative:
			Click or tap here to enter text.

19. Storm Water – Surface Drainage

☐ No Impact	☐ Direct	☐Permit	Current Conditions:
☐ Beneficial	☐ Indirect	☐Mitigation	Click or tap here to enter text.
☐ Adverse	☐ Cumulative	☐ NA	Preferred Alternative Environmental Narrative:
			Click or tap here to enter text.

20. Community Water Supply

☐ No Impact	☐ Direct	☐Permit	Current Conditions:
☐ Beneficial	☐ Indirect	☐Mitigation	Click or tap here to enter text.
☐ Adverse	☐ Cumulative	☐ NA	Preferred Alternative Environmental Narrative:
			Click or tap here to enter text.

21. Fire Protection – Hazards

☐ No Impact	☐ Direct	☐Permit	Current Conditions:
☐ Beneficial	☐ Indirect	☐Mitigation	Click or tap here to enter text.
☐ Adverse	☐ Cumulative	☐ NA	Preferred Alternative Environmental Narrative:
			Click or tap here to enter text.

22. Cultural Facilities, Cultural Uniqueness and Diversity

☐ No Impact	☐ Direct	☐Permit	Current Conditions:
☐ Beneficial	☐ Indirect	☐Mitigation	Click or tap here to enter text.
☐ Adverse	☐ Cumulative	☐ NA	Preferred Alternative Environmental Narrative:
			Click or tap here to enter text.

23. Transportation Networks and Traffic Flow Conflicts (example: rail; auto including local traffic; airport runway clear zones – avoidance of incompatible land use in airport runway clear zones)

☐ No Impact	☐ Direct	☐Permit	Current Conditions:
☐ Beneficial	☐ Indirect	☐Mitigation	Click or tap here to enter text.
☐ Adverse	☐ Cumulative	☐ NA	Preferred Alternative Environmental Narrative:
			Click or tap here to enter text.

24. Consistency with Local Ordinances, Resolutions, or Plans (example: conformance with local comprehensive plans, zoning, or capital improvement plans.)

☐ No Impact	☐ Direct	☐Permit	Current Conditions:
☐ Beneficial	☐ Indirect	☐Mitigation	Click or tap here to enter text.
☐ Adverse	☐ Cumulative	☐ NA	Preferred Alternative Environmental Narrative:
			Click or tap here to enter text.

25. Private Property Rights (example: a regulatory action or project activity that reduces, minimizes, or eliminates the use of private property.)

☐ No Impact	☐ Direct	☐Permit	Current Conditions:
☐ Beneficial	☐ Indirect	☐Mitigation	Click or tap here to enter text.
☐ Adverse	☐ Cumulative	☐ NA	Preferred Alternative Environmental Narrative:
			Click or tap here to enter text.

26. Environmental Justice (example: does the project avoid placing lower income households in areas where environmental degradation has occurred, such as adjacent to brownfield sites?)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	<u>Current Conditions:</u> Click or tap here to enter text. <u>Preferred Alternative Environmental Narrative:</u> Click or tap here to enter text.
27. Lead Based Paint and/or Asbestos (example: does the project replace asbestos-lined pipes? Do any structures qualify as containing lead-based paint?)			
☐ No Impact ☐ Beneficial ☐ Adverse	☐ Direct ☐ Indirect ☐ Cumulative	☐Permit ☐Mitigation ☐ NA	<u>Current Conditions:</u> Click or tap here to enter text. <u>Preferred Alternative Environmental Narrative:</u> Click or tap here to enter text.

<u>Additional Information</u>

List all sources of information used to complete the Environmental Checklist. Sources may include studies, plans, documents, or the individuals, organizations, or agencies contacted for assistance. For individuals, groups, or agencies, please include a contact person and phone number. List any scoping documents or meetings and/or public meetings during project development.

Click or tap here to enter text.

<u>Below is a list of electronic resources available for data gathering to aid in the development of the Environmental Checklist:</u>

Abandoned Mines (DEQ): https://deq.mt.gov/cleanupandrec/Programs/aml

Agricultural Statistics (USDA): USDA - National Agricultural Statistics Service - Data and Statistics

Air Quality

- Nonattainment Areas: Plan and Rule Development | Montana DEQ (mt.gov)

- Opening Burning Guidelines: Open Burning | Montana DEQ (mt.gov)

Army Corps of Engineers: http://www.usace.army.mil/Home.aspx

Bureau of Business and Economic Research, UM: http://www.bber.umt.edu/

Cadastral (for property ownership info): http://svc.mt.gov/msl/mtcadastral

Census Information, MT Dept. of Commerce: http://ceic.mt.gov

Conservation Districts, MT: http://macdnet.org/

Cultural Records

- Montana Historical Society: https://mhs.mt.gov/Shpo/CulturalRecords

DEQ data search tools: Montana DEQ's GIS Portal (mt.gov)

- Including Clean Water Act Info Center, Hazardous Waste Handlers, Petroleum Release Fund Claims, Unpermitted Releases, Underground Storage Tanks, Source Water Protection

EPA Enforcement and Compliance History Online http://echo.epa.gov/

Farmland Classification: http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

Fish (Also See Wildlife)

- Montana Fisheries Information System: Montana Fish, Wildlife & Parks GIS Data (arcgis.com)

- Aquatic Invasive Species: Montana FWP AIS Surveys Dashboard 2021 (arcgis.com)

Floodplain Maps, FEMA: https://msc.fema.gov/portal

Geographic Information, Natural Resources Information System: http://nris.mt.gov/gis

Geologic Information - MBMG - Publications - Download Geologic Maps (mtech.edu)

Maps of Montana for species observations, land cover, wetland and riparian areas, land management: Montana Natural Heritage Program (mtnhp.org); http://mtnhp.org/mapviewer/?t=6

Montana Department of Transportation: https://www.mdt.mt.gov/

- Environmental Manual: http://www.mdt.mt.gov/publications/docs/manuals/env/preface.pdf
- Environmental Manual - Chapter 29, Permits Required: https://www.mdt.mt.gov/publications/docs/manuals/env/Chapter%2029%20PERMITS%20REQUIRED.pdf

Montana Board of Oil and Gas Conservation Information System:

- https://dnrc.mt.gov/BOGC/

Plants

- Plant database, USDA Natural Resources Conservation Service: http://plants.usda.gov/java

- Plant Species, MT Field Guide: http://fieldguide.mt.gov/default.aspx

- Plant Species of Concern: http://mtnhp.org/SpeciesOfConcern/Default.aspx?AorP=p

- Threatened, Endangered and Rare Plants, USDA: https://plants.usda.gov/home/raritySearch

Soils

- USDA Natural Resource Conservation Service database: https://websoilsurvey.nrcs.usda.gov/app/

- Montana soil and water conservation districts: http://swcdmi.org/

State Historic Preservation Office: http://mhs.mt.gov/Shpo

Tourism, UM – Institute of Tourism & Recreation Research: http://www.itrr.umt.edu

Tribal Resources:

- Blackfeet Tribal Environmental Permits: http://www.blackfeetenvironmental.com

- CSKT Natural Resources Department: http://nrd.csktribes.org/

- Montana Office of Indian Affairs: http://tribalnations.mt.gov/

- Tribal Historic Preservation Officer List: Search - NATHPO

- Tribal Directory Assessment Tool (TDAT): https://egis.hud.gov/tdat/

Vehicle Traffic Count (MDT): http://www.mdt.mt.gov/publications/datastats/traffic.shtml

Water

- Stream Record Extension Facilitator, USGS: USGS | National Water Dashboard

- Streamstats basin characteristics, USGS: http://water.usgs.gov/osw/streamstats/

- Water Resources Division, DNRC: https://dnrc.mt.gov/Water-Resources/ ; ArcGIS Web Application (mt.gov)

- Water Rights Bureau, DNRC: https://dnrc.mt.gov/Water-Resources/Water-Rights/
- Water Right Query System, DNRC: DNRC Water Right Query System (mt.gov)

- Wetlands database, USFWS: http://www.fws.gov/wetlands/Data/mapper.html

Wild and Scenic Rivers: http://www.rivers.gov/montana.php

Wildlife

- Animal Species, MT Field Guide: http://fieldguide.mt.gov/default.aspx

- Animal Species of Concern: http://mtnhp.org/SpeciesOfConcern/Default.aspx?AorP=a

- Aquatic Invasive Species: Montana FWP AIS Surveys Dashboard 2021 (arcgis.com)

- Critical Habitat Mapper, USFWS: http://ecos.fws.gov/crithab/

- Crucial Areas Planning System/Habitat Assessment Tool: Habitat MT (HB 526) Funded Lands (arcgis.com)

- FWP Contact Map: http://fwp.mt.gov/gis/maps/contactUs/ (includes biologist responsibility areas)

- Maps and GIS Data, FWP: Montana Fish, Wildlife & Parks GIS Data (arcgis.com)

- Sage grouse management, FWP: Montana Fish, Wildlife & Parks GIS Data : Sage-grouse Habitat/Current Distribution (Montana) : Sage-grouse Habitat/Current Distribution (Montana) (arcgis.com)

- Sage grouse habitat conservation program, DNRC: http://sagegrouse.mt.gov/

- Sage grouse habitat map: https://sagegrouse.mt.gov/ProgramMap