

DR-4718 South Dakota Green Sheet

Environmental and Historic Preservation and Disaster Recovery

Please identify any potential environmental concerns or challenges and discuss these with our environmental staff as soon as possible. This will help us address issues and expedite funding. For environmental or historic preservation assistance for DR-4718-SD, please contact Environmental and Historic Preservation (EHP) Advisor Charles Bello at Charles.Bello@fema.dhs.gov or Kyle Cheeseman at Kyle.Cheeseman@fema.dhs.gov.

IMPORTANT: Failure to comply with applicable environmental and historic preservation laws could jeopardize or delay potential funding.

Threatened and Endangered Species

Under the Endangered Species Act, projects that might affect threatened or endangered species and their habitats must be coordinated to avoid impact. All counties in South Dakota have at least one T&E species. Critical habitats may be located not only in or near water or forested areas but may also be in fields or along road edges. It is very important to know whether a proposed project might impact a critical habitat for any of these species. If T&E Species, migratory birds, and critical habitat are potentially impacted by a proposed project, applicants should contact FEMA Environmental staff with project details. FEMA will coordinate with USFWS.



Figure 1. South Dakota has many protected species, such as the Dakota Skipper, which may require FEMA to consult with USFWS. Photo/ USFWS National Digital Library

USFWS recommends development of an Avian Protection Plan for Rural Electric Co-ops. For more information on electric utility repair and migratory bird protection, consult the following:

- Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006
- Mitigating Bird Collisions with Power Lines: The State of The Art In 1994



Migratory Bird Treaty Act, Bald and Golden Eagle Protection Act

The Migratory Bird Treaty Act stipulates protection for not only migratory birds, but also for habitats and environments necessary for the birds' survival. The Bald and Golden Eagle Protection Act provides special rules to protect these species and their nesting areas, especially during the nesting season.

Waterways, Culverts, and Bridges

The Clean Water Act and The U.S. Rivers and Harbors Act apply to actions affecting waters of the United States. This includes any part of the surface water tributary system (natural waters including small streams, lakes, and wetlands) as well as isolated man-made waters. The U.S. Army Corps of Engineers (USACE) administers both laws.

Examples of actions requiring permits include any repair, construction, demolition, dredging, or filling in any part of surface water tributaries or systems. Work in waters that include repair to pre-disaster condition and minor mitigation measures in most cases fit under a Nationwide Permit (NWP). The applicant should be familiar with the NWPs and is responsible for implementing, monitoring, and maintaining all Best Management Practices (BMPs) and Pre-Construction Notification (PCN) conditions of the applicable NWP. Applicants should contact USACE before the start of work to determine whether their project fits under an NWP or if an Individual 401 or 404 Permit is needed.

IMPORTANT: Obtaining permits prior to construction is the responsibility of the project applicant.



Figure 2. Work in water due to a road collapse may require US Army Corps of Engineers NWP or 401 or 404 depending on the method of repair. FEMA photo.

Executive Order 12898 on Environmental Justice (EJ)

EJ directs each federal agency to avoid disproportionately high and adverse human health or environmental effects to low-income and minority populations. EJ is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

Debris Disposal and Hazardous Materials

For any debris removal projects, applicants must follow the disposal guidance provided by the South Dakota Department of Agriculture and Natural Resources (DANR). Different types of debris must be separated and disposed of accordingly, such as sediment, vegetative, white goods and construction and demolition (C&D).

No agency contact, approval, or permits are needed to take solid waste debris to a licensed landfill. Asbestos, if present, must be removed prior to building demolition. Contact the DANR, Asbestos Control Program for guidance.

Damaged utility poles are considered solid waste. Damaged transformers may be considered hazardous waste depending on the level of PCB and will either need to be disposed at a Toxic Substance and Control Act (TSCA) approved disposal facility or a landfill/recycling facility. All RECs should have documentation of where utility poles and transformers are being disposed of, following Environmental Protection Agency's (EPA) regulations, see EHP's "Transformer Disposal Requirements" for further info.

TEMPORARY STAGING OF DEBRIS

For temporary storage of debris outside of licensed or approved landfills, applicants must contact DANR and FEMA for site approval. Prior to setting up a household hazardous waste collection (Clean Sweep), notify DANR staff and follow their guidance. Staging of debris must be on previously disturbed land such as a parking lot, roadway, public park, or ball field, etc. If staging occurs on non-disturbed land, FEMA will have to consult with SHPO, USFWS, etc. for potential cultural or environmental survey before staging occurs. Staging of debris in the floodplain or on native prairie grasses must be avoided. If staging has occurred within a floodplain, it should be removed for final disposal as soon as possible.

VEGETATIVE DEBRIS

Burning clean woody vegetative debris (open burn) is allowed year-round in South Dakota, however, all DANR requirements and local ordinances must be followed, including disposal of vegetative ash. Contact your local fire department before burning. Chipped or chopped clean vegetative debris can be spread on site, composted, or taken to a wood/yard waste facility.

Helpful Links

- Storm/Flood Debris Guidance: <https://danr.sd.gov/Environment/WasteManagement/SolidWaste/docs/Storm%20Flood%20Debris.pdf>
- Debris Burning Guidance: <https://danr.sd.gov/Environment/WasteManagement/SolidWaste/OpenBurning.aspx>
- Asbestos: <https://danr.sd.gov/Environment/WasteManagement/Asbestos/default.aspx>
- Household Hazard Waste: <https://danr.sd.gov/Environment/WasteManagement/HazardousWaste/default.aspx>
- EPA Transformer PCB Guidance: <https://www.epa.gov/pcbs/managing-remediation-waste-polychlorinated-biphenyls-pcbs-cleanups>

Historic Preservation and Tribal Relations

Per Section 106 of the National Historic Preservation Act, any proposed project which alters a previously undisturbed area (e.g., hazard mitigation and alternative projects such as relocating a roadway/utility, burying a utility line, road realignment, a material borrow area for construction etc.), even if within a right-of-way, must be reviewed by FEMA and the State Historic Preservation Office (SHPO) or Tribal Historical Preservation Officer (THPO) for archeological concerns. Land that has been plowed or used for agriculture use is not considered previously disturbed and must be evaluated.

Any structure (e.g., buildings, walls, bridges, culverts) 45+ years old may be eligible for the National Register of Historic Places. These structures must be reviewed by FEMA and the SHPO or THPO. For applicants that are working within Tribal boundaries, contact FEMA before digging and FEMA will consult with the THPO.

Different measures can be taken if historic resources might be affected. It is important to involve FEMA and the SD SHPO or THPO offices to make these determinations, and to decide what measures, if any, are to be taken.



Figure 3. Structures 45+ years may require consultation with SHPO or THPO. FEMA photo.

Borrow Material

For a project to be compliant with the National Historic Preservation Act all borrow material (fill, gravel, rip rap, etc.) must come from one of the following sources:

1. A known commercial source (include pit name and License #).
2. Stockpiles owned by the county, township, or a contractor (include the street address/GPS).
3. Skimming a ditch (NOTE: Skimming is not to exceed four inches in depth and must not impact previously undisturbed soils).
4. A berm around a stock dam/pond (NOTE: Dirt used must not be removed below ground level).
5. A site with an existing official SHPO clearance. Please provide relevant information.

Executive Order 11988 Floodplain Management

FEMA reviews all projects that take place in the floodplain for opportunities to reduce flood risk to the facility, minimize the impacts human health and safety, and restore and preserve natural and beneficial floodplain values. Floodplain development permits issued by the local community are required for all projects (not just FEMA-funded projects) occurring within the SFHA. Development is defined as any human activity as described in 44CFR § 59.1. The Applicant is responsible for coordinating with their local floodplain manager for any projects located within a floodplain. For major projects, this could require further review using the “8-Step” process, which looks at and evaluates alternatives, and includes public review. Staging of debris or equipment in the floodplain must be avoided. If staging has occurred within a floodplain, it should be removed for final disposal as soon as possible. Final debris disposal in the floodplain is not permitted.

Executive Order 11990 Protection of Wetlands

FEMA reviews all projects that have the potential to affect wetlands to consider alternatives and limit potential damage if an activity affecting a wetland cannot be avoided. As with floodplains, an “8-Step” process may be required whenever a project would modify a wetland. Temporary Debris Reduction Sites (TDRS), staging areas and final disposal locations such as, landfills, town garages, and dumps are not exempt from wetland review.

Contacts – Federal and State

FEMA Region 8 – EHP

Charles Bello, EHP Advisor
Cell: 720-245-1400

Charles.Bello@fema.dhs.gov

Kyle Cheeseman, Acting EHP Advisor
Cell: 202-808-6632

Kyle.Cheeseman@fema.dhs.gov

US Army Corps of Engineers

Cathy Juhas, South Dakota Regulatory Project Manager

Main Line: 605-224-8531

Catherine.D.Juhas@usace.army.mil

State Historic Preservation Office

<https://history.sd.gov/preservation/contact.aspx>

Main Line: 605-773-3458

FEMA Region 8– Floodplains

Heidi Carlin, Floodplain Specialist
Cell: 202-355-5483

heidi.carlin@fema.dhs.gov

Projects in the Floodplain

For permits regarding work in the floodplain contact your local Floodplain administrator.

South Dakota Department of Agriculture and Natural Resources

<https://danr.sd.gov/ContactUs/default.aspx>

Main Line: 605-773-3151