

DPA Q51 – Existing Environmental and Engineering Conditions Overview

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Environmental Conditions

NEPA impacts on your project will depend on your plan. For this specific DPA, the following should be considered. This list is not meant to be exhaustive, but suggestive.

Please note that links were current as of the date of public posting of this document but may have changed.

Section 106 Resources

- There are **no** National Historic Trails within the DPA
- There are multiple National Register of Historic Places resources within the DPA
- 6 Tribes have interest in Colfax, Madison, Platte, and Stanton Counties
 - o Apache Tribe of Oklahoma
 - o Cheyenne and Arapaho Tribes, Oklahoma
 - o Omaha Tribe of Nebraska
 - o Otoe-Missouria Tribe of Indians, Oklahoma
 - o Pawnee Nation of Oklahoma
 - o Ponca Tribe of Nebraska

Biological Resources

- Federally Listed Species Range
 - o Monarch Butterfly – Proposed Threatened
 - o Northern Long-eared Bat – Endangered
 - o Piping Plover – Threatened
 - o Regal Fritillary – Proposed Threatened
 - o Rufa Red Knot – Threatened
- State Listed Species Range
 - o Northern Long-Eared Bat – Endangered
 - o Topeka Shiner – Endangered
 - o Western Prairie Fringed Orchid – Threatened
 - o Whooping Crane – Endangered
- Critical Habitat
 - o Topeka Shiner

Wetlands

- Yes

Floodplain

- There are multiple flood hazard zones in the DPA
 - o Zone A (1% Annual Chance Flood Hazard)
 - o Zone AE (1% Annual Chance Flood Hazard)
 - o Zone AE (Regulatory Floodway)
 - o Zone X (0.2% Annual Chance Flood Hazard)

Prime Farmland

- Yes

Hazardous Materials

- There are multiple regulated facilities within the DPA

Environmental Justice

- There are environmental justice populations within the DPA
 - o Limited English-Speaking Populations
- The DPA is considered "Disadvantaged" under Justice40

Water Resources

- Dry Creek is a 303d water body
 - o Impaired for aquatic life, cause unknown
- West Fork Maple Creek is a 303d water body
 - o Impaired for aquatic life, cause unknown
- Leigh Tri-County Lake is **not** a 303d water body
 - o Not assessed
- Maple Creek Recreation Area Lake is a 303d water body
 - o Impaired for aquatic life, caused by mercury
 - o Impaired for recreation use, caused by pathogens
- Union Creek is a 303d water body
 - o Impaired for aquatic life, cause unknown
 - o Impaired for recreation use, caused by pathogens
- The DPA has five Wellhead Protection Areas
 - o City of Madison (NE3111916)
 - o Tyson Fresh Meats Inc. – Madison (NE3150475)
 - o Village of Creston (NE3114114)
 - o Village of Leigh (NE3103705)
 - o City of Clarkson (NE3103703)

Classified Lands

- **No** classified lands present within the DPA

Agencies that will be required

- Nebraska SHPO (Deputy SHPO, Michael Sothan)
 - o hn.hp@nebraska.gov
 - o Approximate 30-day review period
 - May require cultural/historical surveys
- US Fish and Wildlife (Region 6)
 - o Nebraskaes@fws.gov
 - o Approximate 30-day review period
 - May require completion of BA package
- US Army Corps of Engineers (Omaha District)
 - o ne404reg@usace.army.mil
 - o Approximate 30-day response time
- US Department of Agriculture Natural Resources Conservation Service (Assistant State Soil Scientist, Elizabeth Gray)
 - o elizabeth.gray@usda.gov
- Nebraska Game and Parks Commission
- Nebraska Department of Environment and Energy
 - o NDEE.Assistance@nebraska.gov
- Nebraska Department of Natural Resources (Environmental Specialist, John Miller)
 - o john.j.miller@nebraska.gov

Engineering Conditions

County

- Colfax
- Platte
- Stanton

City/Village

- Creston
- Leigh
- Madison

Highways

- Highway 81: NDOT Permit Required
- Highway 91: NDOT Permit Required

Levees and Dams

- Madison – Union Creek

Pipelines

- Keystone

Agencies that will be required

- Colfax County
- Platte County
- Stanton County
- Village of Creston
- Village of Leigh
- City of Madison
- NDOT District 3 (Permitting Officer, Dean Schwartz)
 - o dean.schwartz@nebraska.gov
- Keystone Pipeline
 - o South Bow Infrastructure Operations Inc.