

DPA K91 – 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 that intersect the DPA
- There are **no** National Register of Historic Places resources within the DPA
- 5 Tribes have interest in Frontier, Furnas, Hitchcock, and Red Willow Counties
 - o Apache Tribe of Oklahoma
 - o Cheyenne and Arapaho Tribes, Oklahoma
 - o Northern Arapaho Tribe of the Wind River Reservation, Wyoming
 - o Northern Cheyenne Tribe of the Northern Cheyenne Indian Reservation, Montana
 - o Pawnee Nation of Oklahoma

Biological Resources

- Federally Listed Species Range
 - o Monarch Butterfly – Proposed Threatened
 - o Northern Long-eared Bat – Endangered
 - o Piping Plover – Threatened
 - o Whooping Crane – Endangered
- State Listed Species Range
 - o Northern Long-eared Bat - Endangered
 - o Swift Fox – Endangered
 - o Whooping Crane – Endangered
- **No** critical habitat identified

Wetlands

- Yes

Floodplain

- There are potentially multiple flood hazard zones in the DPA
 - o Zone A (100-year / 1% annual chance)
 - o Zone AE (Regulatory Floodway)
 - o Zone X (500-year / 0.2% annual chance)

Prime Farmland

- Yes

Hazardous Materials

- There are multiple regulated facilities within the DPA

Environmental Justice

- There are **no** environmental justice populations within the DPA

Water Resources

- Beaver Creek is 303d listed, impaired for aquatic life and recreation
- Republican River is **not** 303d listed, impaired for recreation
- Hugh Butler Lake (Red Willow Reservoir) is 303d listed, impaired for aquatic life
- Red Willow Creek is 303d listed, impaired for recreation
- The DPA has two Wellhead Protection Areas
 - o City of McCook (NE3114504)
 - o Village of Wilsonville (NE3106501)

Classified Lands

- Three NGPC properties are within the DPA
 - o Red Willow Diversion Dam WMA
 - o Red Willow Reservoir WMA
 - o Red Willow Reservoir SRA
- There is one US Bureau of Reclamation property is within the DPA
 - o Hugh Butler Lake

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
- Bureau of Reclamation

Engineering Conditions

County

- Red Willow
- Frontier
- Furnas

City/Village

- Wilsonville
- McCook

Highways

- Highway 6: NDOT Permit Required
- Highway 47: NDOT Permit Required
- Highway 83: NDOT Permit Required
- Highway 89: NDOT Permit Required

Railroads

- BNSF

Pipelines

- TIGT
- Nebraska Transmission

Agencies that will be required

- Red Willow County
- Frontier County
- Furnas County
- Village of Wilsonville
- City of McCook
- NDOT District 7 (Permitting Officer, Devlin Reece)
 - o devlin.reece@nebraska.gov
- BNSF Railroad
- TIGT Pipeline
 - o Tallgrass Interstate Gas Transmission LLC
- Nebraska Transmission Pipeline
 - o Black Hills Energy