

## DPA M51 – 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 multiple National Register of Historic Places resources within the DPA
- 3 Tribes have interest in Custer County
  - o Apache Tribe of Oklahoma
  - o Cheyenne and Arapaho Tribes, Oklahoma
  - 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 Regal Fritillary – Proposed Threatened
  - o Whooping Crane – Endangered
- State Listed Species Range
  - o Interior Least Tern – Endangered
  - o Northern Long-Eared Bat – Endangered
  - o Piping Plover – Threatened
  - o Small White Lady's Slipper – Threatened
  - o Western Prairie Fringed Orchid – Threatened
  - o Whooping Crane – Endangered
- **No** critical habitat identified

#### Wetlands

- Yes

#### Floodplain

- Custer County is not digitally mapped. Paper maps can be found at FEMA MSC.
- There are potentially multiple flood hazard zones in the DPA
  - o Zone A (1% 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

## Water Resources

- Mud Creek is a 303d water body
  - o Impaired for aquatic life, cause unknown
  - o Impaired for recreation use, caused by pathogens
- Melham Park Lake (Broken Bow) is a 303d water body
  - o Impaired for aquatic life, caused by mercury
- The DPA has one Wellhead Protection Area
  - o City of Broken Bow (NE3104105)

## Classified Lands

- There is one National Levee resource within the DPA
  - o Broken Bow – Mud Creek RB
- There is one Federal Real Property within the DPA

## Agencies that will be required

- Nebraska SHPO (Deputy SHPO, Michael Sothan)
  - o [hn.hp@nebraska.gov](mailto: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](mailto: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](mailto: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](mailto:elizabeth.gray@usda.gov)
- Nebraska Game and Parks Commission
- Nebraska Department of Environment and Energy
  - o [NDEE.Assistance@nebraska.gov](mailto:NDEE.Assistance@nebraska.gov)
- Nebraska Department of Natural Resources (Environmental Specialist, John Miller)
  - o [john.j.miller@nebraska.gov](mailto:john.j.miller@nebraska.gov)

## **Engineering Conditions**

### County

- Custer

### City/Village

- Broken Bow

### Highways

- Highway 2: NDOT Permit Required
- Highway 21: NDOT Permit Required
- Highway 70: NDOT Permit Required

### Railroads

- BNSF

### Levees and Dams

- Broken Bow – Mud Creek

### Pipelines

- TIGT

## **Agencies that will be required**

- Custer County
- City of Broken Bow
- NDOT District 6 (Permit Officer, Lisa Stadler)
  - o [lisa.stadler@nebraska.gov](mailto:lisa.stadler@nebraska.gov)
- BNSF Railroad
- US Army Corps of Engineers Omaha District
  - o [ne404reg@usace.army.mil](mailto:ne404reg@usace.army.mil)
- TIGT Pipeline
  - o Tallgrass Interstate Gas Transmission LLC