

## DPA P31 – 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 is one National Register of Historic Places resource within the DPA
- 7 Tribes have interest in Antelope, Holt, and Knox Counties
  - o Apache Tribe of Oklahoma
  - o Cheyenne and Arapaho Tribes, Oklahoma
  - o Omaha Tribe of Nebraska
  - o Pawnee Nation of Oklahoma
  - o Ponca Tribe of Indians of Oklahoma
  - o Ponca Tribe of Nebraska
  - o Yankton Sioux Tribe of South Dakota

#### Biological Resources

- Federally Listed Species Range
  - o Monarch Butterfly – Proposed Threatened
  - o Piping Plover – Threatened
  - o Regal Fritillary – Proposed Threatened
  - o Whooping Crane – Endangered
- State Listed Species Range
  - o American Burying Beetle – Threatened
  - o Northern Long-Eared Bat – Endangered
  - o Small White Lady Slipper’s – Threatened
  - o Western Prairie Fringed Orchid – Threatened
  - o Whooping Crane – Endangered

#### Wetlands

- Yes

#### Floodplain

- There are multiple flood hazard zones in the DPA
  - o Zone A (1% Annual Chance Flood Hazard)
  - 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 Low-Income Populations
- The DPA is **not** considered “Disadvantaged” under Justice40

## Water Resources

- South Branch Verdigre Creek is a 303d water body
  - o Impaired for recreation use, caused by pathogens
- East Branch Verdigre Creek is a 303d water body
  - o Impaired for recreation use, caused by pathogens
- Grove Lake (WMA) is a 303d water body
  - o Impaired for aquatic life, caused by algal growth, nutrients
  - o Recreation use not assessed
- Grove Sandpit Lake (WMA) is **not** a 303d water body
  - o Not assessed
- The DPA has three Wellhead Protection Areas
  - o Village of Orchard (NE3100304)
  - o Village of Royal (NE3100303)
  - o Village of Brunswick (NE3100309)

## Classified Lands

- There is one NGPC Property
  - o Grove Lake WMA

## 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

- Antelope
- Holt

### Highways

- Highway 14: NDOT Permit Required
- Highway 20: NDOT Permit Required

### Railroads

- BNSF

### Agencies that will be required

- Antelope County
- Holt County
- NDOT District 3 (Permitting Officer, Dean Schwartz)
  - o [dean.schwartz@nebraska.gov](mailto:dean.schwartz@nebraska.gov)
- BNSF Railroad