

## DPA R81– 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 Gage, Lancaster, and Saline Counties
  - o Apache Tribe of Oklahoma
  - o Cheyenne and Arapaho Tribes, Oklahoma
  - o Otoe-Missouria Tribe of Indians, Oklahoma
  - o Pawnee Nation of Oklahoma
  - o Ponca Tribe of Nebraska

#### Biological Resources

- Federally Listed Species Range
  - o Little Brown Bat – Under Review
  - 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 Western Prairie Fringed Orchid – Threatened
- **No** critical habitat identified

#### 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 **no** environmental justice populations within the DPA

## Water Resources

- Olive Branch is a 303d water body
  - o Impaired for aquatic life, cause unknown
- Big Nemaha Lake (27R) is **not** a 303d water body
  - o Not assessed
- The DPA has eight Wellhead Protection Areas
  - o City of Hickman (NE3110917)
  - o Village of Sprague (NE3110904)
  - o Village of Firth (NE3110912)
  - o Camp Oasis (NE3120942)
  - o Village of Cortland (NE3106706)
  - o Village of Hallam (NE3110922)
  - o Village of Clatonia (NE3106707)
  - o Village of Pickrell (NE3106711)

## Classified Lands

- There is one NGPC property within the DPA
  - o Teal WMA
- There is one Federal Permitting Area within the DPA
  - o Olive Creek Recreation Area

## 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

- Gage
- Lancaster

### City/Village

- Firth
- Pickrell

### Highways

- Highway 77: NDOT Permit Required

### Railroads

- Union Pacific

### Pipelines

- Market Area
- West Leg

### Agencies that will be required

- Gage County
- Lancaster County
- Village of Firth
- Village of Pickrell
- NDOT District 1 (Permitting Officer, Cierra Catlin)
  - [cierra.catlin@nebraska.gov](mailto:cierra.catlin@nebraska.gov)
- Union Pacific Railroad
- Market Area Pipeline
  - Northern Natural Gas Co.
- West Leg Pipeline
  - Enterprise Products Operating LLC