

## DPA G61 – Existing Environmental and Engineering Conditions Overview

*Neither the State of Nebraska, the Nebraska Broadband Office, any employee or officer of either entity, nor any consultants working on their behalf, makes any representation or warranty regarding the accuracy or completeness of the information contained herein. It is the sole responsibility of the applicant to comply with all requirements of the Nebraska Broadband Equity, Access, and Deployment (NBEAD) Program, including, but not limited to, compliance with applicable laws and regulations. Any applicant or party relying on this guidance should conduct their own research and hire their own professional consultants, advisers, and attorneys.*

### 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

- The California Trail, Oregon Trail, Pony Express, and Mormon Pioneer Trail intersect the DPA
- There are multiple National Register of Historic Places resources within the DPA
- 11 Tribes have interest in Deuel, Garden, Keith and Counties
  - o Apache Tribe of Oklahoma
  - o Cheyenne River Sioux Tribe of the Cheyenne River Reservation, South Dakota
  - o Cheyenne and Arapaho Tribes, Oklahoma
  - o Crow Creek Sioux Tribe of the Crow Creek Reservation, South Dakota
  - o Lower Brule Sioux Tribe of the Lower Brule Reservation, South Dakota
  - o Northern Arapaho Tribe of the Wind River Reservation, Wyoming
  - o Northern Cheyenne Tribe of the Northern Cheyenne Indian Reservation, Montana
  - o Oglala Sioux Tribe
  - o Rosebud Sioux Tribe of the Rosebud Indian Reservation, South Dakota
  - o Santee Sioux Nation, Nebraska
  - o Standing Rock Sioux Tribe of North & South Dakota

#### 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 Blowout Penstemon – Endangered
  - o Interior Least Tern – Endangered
  - o Piping Plover – Threatened
  - 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 AE (100-year / 1% annual chance)
  - 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
- The DPA within Kimball and Dawes County is considered "Partially Disadvantaged" under Justice40

## Water Resources

- There are impaired waters in the DPA
  - o Lodgepole Creek is 303d listed, impaired for aquatic life
  - o South Platte River is 303d listed, impaired for agricultural water supply
  - o South Platte River, main channel is 303d listed, impaired for water supply
  - o Blue Creek is 303d listed, impaired for aquatic life
  - o Chappell Interstate Lake is 303d listed, impaired for aquatic life
- The DPA has multiple Wellhead Protection Areas
  - o City of Chappell (NE3104901)
  - o Village of Big Springs (NE3104902)
  - o City of Oshkosh (NE3106901)

## Classified Lands

- There is one NGPC property
  - o Clear Creek 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

- Garden
- Cheyenne
- Morrill
- Keith

### City

- Lewellen
- Chappell

### Highways

- Highway 26: NDOT Permit Required
- Highway 30: NDOT Permit Required
- Highway 385: NDOT Permit Required
- Highway 138: NDOT Permit Required

### Railroads

- Union Pacific

### Pipelines

- TIGT

### Agencies that will be required

- Garden County
- Cheyenne County
- Morrill County
- Keith County
- City of Lewellen
- City of Chappell
- NDOT District 5 (Permit Officer, Melissa Lally)
  - o [melissa.lally@nebraska.gov](mailto:melissa.lally@nebraska.gov)
- Union Pacific Railroad
- Tallgrass Interstate Gas Transmission LLC