

DPA P91 – 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, and Pony Express Trail intersect the DPA
- There are multiple National Register of Historic Places resources within the DPA
- 3 Tribes have interest in Adams, Clay, Nuckolls, and Thayer Counties
 - 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 Rufa Red Knot – Threatened
 - o Whooping Crane – Endangered
- State Listed Species Range
 - o Northern Long-Eared Bat – Endangered
 - o Whooping Crane – Endangered
- **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 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

- Republican River is a 303d water body
 - o Impaired for aquatic life, caused by nutrients, metals other than mercury, radiation, cause unknown impaired biota
 - o Impaired for drinking water use, caused by pathogens
 - o Impaired for recreation use, caused by pathogens
- Lost Creek is a 303d water body
 - o Impaired for aquatic life, caused by oxygen depletion
 - o Impaired for recreation use, caused by pathogens
- Spring Creek is a 303d water body
 - o Impaired for aquatic life, cause unknown
- Little Blue River is **not** a 303d water body
 - o Impaired for recreation use, caused by pathogens
- Crystal Lake (SRA) is a 303d water body
 - o Impaired for aquatic life, caused by algal growth, nutrients, oxygen depletion, pH acidity caustic conditions
- The DPA has three Wellhead Protection Areas
 - o Village of Deweese (NE3120030)
 - o Village of Rushkin (NE3112905)
 - o City of Superior (NE3112904)

Classified Lands

- 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
 - 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

Engineering Conditions

County

- Adams
- Clay
- Nuckolls

City/Village

- Nelson
- Ruskin
- Superior

Highways

- Highway 136: NDOT Permit Required
- Highway 281: NDOT Permit Required

Railroads

- Union Pacific

Pipelines

- Express Platte
- REX

Agencies that will be required

- Adams County
- Clay County
- Nuckolls County
- Town of Nelson
- Village of Ruskin
- City of Superior
- NDOT District 4 (Permitting Officer, Kevin Christenson)
 - o kevin.christenson@nebraska.gov
- Union Pacific Railroad
- Express Platte Pipeline
 - o Express Holdings (USA), LLC
- REX Pipeline
 - o Rockies Express Pipeline LLC