

DPA S81 – 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
- 11 Tribes have interest in Gage, Johnson, Lancaster, Nemaha, and Otoe Counties
 - o Apache Tribe of Oklahoma
 - o Cheyenne and Arapaho Tribes, Oklahoma
 - o Iowa Tribe of Kansas and Nebraska
 - o Iowa Tribe of Oklahoma
 - o Omaha Tribe of Nebraska
 - o Otoe-Missouria Tribe of Indians, Oklahoma
 - o Pawnee Nation of Oklahoma
 - o Ponca Tribe of Nebraska
 - o Sac & Fox Nation of Missouri in Kansas and Nebraska
 - o Sac & Fox Nation, Oklahoma
 - o Sac & Fox Tribe of the Mississippi in Iowa

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 American Ginseng – Threatened
 - o Northern Long-Eared Bat – Endangered
 - o Southern Flying Squirrel – Threatened
 - 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 environmental justice populations within the DPA
 - o Limited English-Speaking Populations

Water Resources

- Salt Creek is a 303d water body
 - o Impaired for aquatic life, cause unknown
 - o Impaired for recreation use, caused by pathogens
- Stagecoach Lake is a 303d water body
 - o Impaired for aquatic life, caused by algal growth, nutrients
 - o Impaired for aesthetics, caused by sediment
- Wagon Train Lake is a 303d water body
 - o Impaired for aquatic life, caused by algal growth, nutrients
- South Fork Little Nemaha River is a 303d water body
 - o Impaired for aquatic life, cause unknown
 - o Impaired for recreation use, caused by pathogens
- Little Nemaha River is a 303d water body
 - o Impaired for recreation use, caused by pathogens
 - o Impaired for drinking water use, caused by metals other than mercury, pesticides
- North Fork Little Nemaha River is a 303d water body
 - o Impaired for recreation use, caused by pathogens
- Gritzka Lake (Talmage) is **not** a 303d water body
 - o Not assessed
- The DPA has seven Wellhead Protection Areas
 - o Lancaster County RWD #1 (NE3110909)
 - o Otoe County RWD #3 (NE3113103)
 - o Village of Burr (NE3113110)
 - o City of Syracuse (NE3113104)
 - o Village of Cook (NE3109701)
 - o Village of Talmage (NE3113102)
 - o Nemaha County RWD #2 (NE3112707)

Classified Lands

- There are five NGPC Properties within the DPA
 - o Stagecoach Lake SRA
 - o Wagon Train SRA
 - o Wagon Train WMA
 - o Triple Creek WMA
 - o Hickory Ridge WMA
- There are two Federal Permitting Areas within the DPA
 - o USACE – Stagecoach Recreation Area
 - o USACE – Wagon Train Recreation Area
- There are two USACE Dams within the DPA
 - o Stagecoach Dam
 - o Wagon Train Dam

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

- Gage
- Johnson
- Lancaster
- Otoe

City/Village

- Bennet
- Hickman
- Roca

Highways

- Highway 2: NDOT Permit Required
- Highway 50: NDOT Permit Required
- Highway 67: NDOT Permit Required
- Highway 136: NDOT Permit Required

Railroads

- BNSF
- Omaha Public Power District

Pipelines

- Amarillo
- McPherson
- Nebraska Transmission
- North System Pipeline

Agencies that will be required

- Gage County
- Johnson County
- Lancaster County
- Otoe County
- Village of Bennet
- City of Hickman
- Village of Roca
- NDOT District 1 (Permit Officer, Cierra Catlin)
 - o cierra.catlin@nebraska.gov
- BNSF Railroad
- Omaha Public Power District (Utility Coordinator, Brent Dangel)
 - o bdangel@oppd.com
- Amarillo Pipeline
 - o Natural Gas Pipeline Co. of America (KMI)
- McPherson Pipeline
 - o NuStar Pipeline Operating Partnership L.P.
- Nebraska Transmission Pipeline
 - o Black Hills Energy
- North System Pipeline
 - o Oneok NGL Pipeline, LLC