

DPA R74 – 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 are **no** National Register of Historic Places resources within the DPA
- 5 Tribes have interest in 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 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)

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

- Cottontail Lake (17A) is a 303d water body
 - o Impaired for aquatic life, caused by mercury
- Bluestem Lake is a 303d water body
 - o Impaired for aquatic life, caused by algal growth, nutrients
 - o Impaired for recreation use, caused by pathogens
 - o Impaired for aesthetics, caused by sediment
- Olive Branch is a 303d water body
 - o Impaired for aquatic life, cause unknown
- Merganser Lake (25A) is a 303d water body
 - o Impaired for aquatic life, caused by mercury
- Wild Plum Lake (26A) is a 303d water body
 - o Impaired for aquatic life, caused by mercury
- Olive Creek Lake is a 303d water body
 - o Impaired for aquatic life, caused by algal growth, mercury, nutrients, oxygen depletion, pH acidity caustic conditions
- The DPA has three Wellhead Protection Areas
 - o City of Crete (NE3115104)
 - o Village of Sprague (NE3110904)
 - o Village of Denton (NE3110913)

Classified Lands

- There are five NGPC properties within the DPA
 - o Bluestem WMA
 - o Bluestem SRA
 - o Olive Creek WMA
 - o Olive Creek SRA
 - o Teal WMA
- There are two USACE Dams in the DPA
 - o Bluestem Dam
 - o Olive Creek Dam
- There are two Federal Permitting Areas 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 Section408NWO@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

- NDEE.Assistance@nebraska.gov
- Nebraska Department of Natural Resources (Environmental Specialist, John Miller)
 - john.j.miller@nebraska.gov

Engineering Conditions

County

- Lancaster

Pipelines

- Market Area

Agencies that will be required

- Lancaster County
- Market Area Pipeline
 - Northern Natural Gas Co.