

DPA M91 – 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 is one National Register of Historic Places resource within the DPA
- 3 Tribes have interest in Furnas and Harlan 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 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 (100-year / 1% annual chance) floodplain

Prime Farmland

- Yes

Hazardous Materials

- The DPA has multiple regulated facilities

Environmental Justice

- There are **no** environmental justice populations within the DPA

Water Resources

- Sappa Creek is 303d listed, impaired for aquatic life (Aluminum)
- Beaver Creek is 303d listed, impaired for aquatic life (DO), and Primary Contact Recreation (E. Coli)
- Republican River is **not** 303d listed, impaired for Primary Contact Recreation (E. Coli)
- Turkey Creek is 303d listed, impaired for aquatic life (Unknown)
- Spring Creek is 303d listed, impaired for aquatic life (Unknown)
- Oxford City Lake is 303d listed, impaired for aquatic life (Mercury in fish tissue)
- The DPA has multiple Wellhead Protection Areas
 - o Village of Orleans (NE3108306)
 - o Village of Stamford (NE3108301)
 - o Village of Oxford (NE3106502)

Classified Lands

- There is one NGPC properties within the DPA
 - o Burton's Bend WMA
- There are seven Federal Permitting Areas within the DPA
 - o USACE – Parcel Land Area (F-659E)
 - o USACE – Parcel Land Area (F-661)
 - o USACE – Parcel Land Area (F-662)
 - o USACE – Parcel Land Area (F-658)
 - o USACE – Parcel Land Area (F-634)
 - o USACE – Harlan County Lake
 - o USACE – Harlan County Recreation Area

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

Engineering Conditions

County

- Furnas
- Harlan

City/Village

- Oxford
- Stamford

Highways

- Highway 46: NDOT Permit Required
- Highway 89: NDOT Permit Required
- Highway 136: NDOT Permit Required

Railroads

- BNSF

Agencies that will be required

- Furnas County
- Harlan County
- Village of Oxford
- Village of Stamford
- NDOT District 7 (Permitting Officer, Devlin Reece)
 - o devlin.reece@nebraska.gov
- BNSF Railroad