

DPA R31 – 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

- The Lewis and Clark Trail intersects the DPA
- There is one National Register of Historic Places resource within the DPA
- 11 Tribes have interest in Cedar, Dakota, Dixon, Pierce, Stanton, and Wayne 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 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
 - o Yankton Sioux Tribe of South Dakota

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 Tricolored Bat – Proposed Endangered
- State Listed Species Range
 - o American Ginseng – Threatened
 - o Lake Sturgeon – Threatened
 - o Northern Long-Eared Bat – Endangered
 - o Pallid Sturgeon – Endangered
 - o Small White Lady's Slipper - Threatened
 - o Sturgeon Chub – Endangered
- **No** critical habitat identified

Wetlands

- Yes

Floodplain

- Cedar and Dixon Counties are not FEMA floodplain mapped.
- Pierce County is not digitally mapped. Paper maps can be obtained at FEMA MSC.
- 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 People of Color Populations
 - o Low Income Populations
 - o Limited English-Speaking Populations

Water Resources

- East Bow Creek is a 303d water body
 - o Impaired for recreation use, caused by pathogens
- Middle Logan Creek is a 303d water body
 - o Impaired for aquatic life, cause unknown
- Baker Creek is a 303d water body
 - o Impaired for aquatic life, cause unknown
- South Logan Creek is a 303d water body
 - o Impaired for recreation use, caused by pathogens
- Coon Creek is a 303d water body
 - o Impaired for aquatic life, cause unknown
- Omaha Creek is a 303d water body
 - o Impaired for recreation use, caused by pathogens
- Big Sioux River - sections are a 303d water body and sections are **not**
 - o Impaired for recreation use, caused by pathogens
 - o Impaired for aquatic life, caused by solids chlorides sulfates
- Missouri River is a 303d water body
 - o Impaired for aquatic life, caused by hydrologic alteration
 - o Impaired for recreation use, caused by pathogens
 - o Impaired for drinking water use, caused by metals other than mercury
- Crystal Cove Lake (South Sioux City) is **not** a 303d water body
 - o Not assessed
- Gateway Lake is **not** a 303d water body
 - o Not assessed
- The DPA has five Wellhead Protection Areas
 - o City of Laurel (NE3102705)
 - o City of Wayne (NE3118104)
 - o Village of Homer (NE3104304)
 - o City of Dakota City (NE3104301)

- City of South Sioux City (NE3104309)

Classified Lands

- There are two NGPC properties within the DPA
 - Danish Alps SRA
 - Basswood Ridge WMA
- There are six National Levee Database areas within the DPA
 - Omaha Creek Ditch Levee 2
 - Pigeon Creek Ditch Levee 1
 - Pigeon Creek Ditch Levee 3
 - Pigeon Creek Ditch Levee 4
 - Elk Creek Levee 2
 - West side Big Sioux South of I-29 – Dakota Dunes
- There is one Federal Real Property within the DPA
- There is one Navigable Waterway Network within the DPA
 - Missouri River

Agencies that will be required

- Nebraska SHPO (Deputy SHPO, Michael Sothan)
 - hn.hp@nebraska.gov
 - Approximate 30-day review period
 - May require cultural/historical surveys
- US Fish and Wildlife (Region 6)
 - Nebraskaes@fws.gov
 - Approximate 30-day review period
 - May require completion of BA package
- US Army Corps of Engineers (Omaha District)
 - ne404reg@usace.army.mil
 - Section408NWO@usace.army.mil
 - Approximate 30-day response time
- US Department of Agriculture Natural Resources Conservation Service (Assistant State Soil Scientist, Elizabeth Gray)
 - 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

- Cedar
- Dakota
- Dixon
- Wayne

City/Village

- Homer
- Laurel
- South Sioux City
- Wayne

Highways

- Highway 15: NDOT Permit Required
- Highway 20: NDOT Permit Required
- Highway 25: NDOT Permit Required
- Highway 77: NDOT Permit Required

Railroads

- BNSF

Pipelines

- Market Area
- Nebraska Transmission
- Norfolk – Yankton – 6”

Agencies that will be required

- Cedar County
- Dakota County
- Dixon County
- Wayne County
- Village of Homer
- City of Laurel
- South Sioux City
- City of Wayne
- NDOT District 3 (Permitting Officer, Dean Schwartz)
 - o dean.schwartz@nebraska.gov
- BNSF Railroad
- Market Area Pipeline
 - o Northern Natural Gas Co.
- Nebraska Transmission Pipeline
 - o Black Hills Energy
- Norfolk – Yankton – 6” Pipeline
 - o NuStar Pipeline Operating Partnership L.P.