

DPA T71 – 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 are multiple National Register of Historic Places resources within the DPA
- 10 Tribes have interest in Cass, Otoe, and Sarpy 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

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 Interior Least Tern – Endangered
 - o Lake Sturgeon – Threatened
 - o Northern Long-Eared Bat – Endangered
 - o Pallid Sturgeon – Endangered
 - o Piping Plover – Threatened
 - o Southern Flying Squirrel – Threatened
 - o Sturgeon Chub – Endangered

- Western Prairie Fringed Orchid – Threatened
- **No** critical habitat identified

Wetlands

- Yes

Floodplain

- There are multiple flood hazard zones within the DPA
 - Zone A (1% Annual Chance Flood Hazard)
 - Zone AE (1% Annual Chance Flood Hazard)
 - Zone AE (Regulatory Floodway)
 - Zone AH (1% Annual Chance Flood Hazard)
 - Zone X (0.2% Annual Chance Flood Hazard)
 - Zone X (Area with Reduced Risk Due to Levee)

Prime Farmland

- Yes

Hazardous Materials

- There are multiple regulated facilities within the DPA

Environmental Justice

- There are environmental justice populations within the DPA
 - Low Income Populations

Water Resources

- Missouri River is a 303d water body
 - Impaired for drinking water use, caused by metals other than mercury
 - Impaired for aquatic life, caused by mercury, habitat alterations, hydrologic alteration
 - Impaired for recreation use, caused by pathogens
- Platte River is a 303d water body
 - Impaired for drinking water use, caused by metals other than mercury
 - Impaired for aquatic life, caused by fish consumption advisory
 - Impaired for recreation use, caused by pathogens
- The DPA has nine Wellhead Protection Areas
 - Village of Union (NE3102505)
 - Cass County SID #1 – Lake Wa-Con-Da Village (NE3102519)
 - Cass County RWD #1 (NE3102521)
 - City of Plymouth (NE3102501)
 - Cass County RWD #1 (NE3102521)
 - Cass County RWD #5 – Buccaneer Bay (NE3120035)
 - Metropolitan Utilities District (NE3105507)
 - City of Papillion (NE3115313)
 - Raven’s Nest (NE3121381)

Classified Lands

- There are three NGPC Properties within the DPA
 - Randall W. Schilling WMA
 - Rhoden WMA
 - Rakes Creek WMA
- There are six National Levee Database areas within the DPA
 - Cedar Creek (Omaha &W) – Platte RB (NF)
 - Schilling Refugee Levee 3
 - L-611-614-MoRiv LB & Upr Pony Creek LB & L1B LB
 - Lake Waconda – Missouri River RB (NF)

- L-594-575 (BW-PV-Waubonsie)
- L-575 (BW -McKissock-Buchanan-Atchison-Hamburg)
- There is one Navigable Waterway Network within the DPA
 - Missouri River
- There are two Federal Permitting Areas within the DPA
 - USACE – Noddleman Island WMA
 - USACE – Auldon Bar WMA

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
 - 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

- Cass
- Otoe

City/Village

- Plattsmouth

Highways

- Highway 75: NDOT Permit Required

Railroads

- Union Pacific

Levees and Dams

- Schilling Refuge Levee 3

Pipelines

- Magellan Pipeline
- Market Area
- McPherson to Council Bluffs

Agencies that will be required

- Cass County
- Otoe County
- City of Plattsmouth
- NDOT District 1 (Permit Officer, Cierra Catlin)
 - o cierra.catlin@nebraska.gov
- Union Pacific Railroad
- Magellan Pipeline
 - o Magellan Pipeline Company, LP
- Market Area Pipeline
 - o Northern Natural Gas Co.
- McPherson to Council Bluffs Pipeline
 - o NuStar Pipeline Operating Partnership L.P.