

DPA S64 – 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 California Trail intersects the DPA
- There are multiple National Register of Historic Places resources within the DPA
- 9 Tribes have interest in Cass, Douglas, Sarpy, and Saunders Counties
 - o Apache Tribe of Oklahoma
 - o Cheyenne and Arapaho Tribes, Oklahoma
 - 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 Rufa Red Knot – 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 Sturgeon Chub – 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)
 - o Zone AE (1% Annual Chance Flood Hazard)
 - o Zone AE (Regulatory Floodway)
 - o Zone X (0.2% Annual Chance Flood Hazard)
 - o Zone X (Future Conditions 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 Low Income Population
 - o Limited English-Speaking Population

Water Resources

- Platte River is a 303d water body
 - o Impaired for drinking water use, caused by metals other than mercury
 - o Impaired for aquatic life, caused by hazard index compounds
 - o Impaired for recreation use, caused by pathogens
- Elkhorn River is **not** a 303d water body
 - o Impaired for recreation use, caused by pathogens
- South Papillion Creek is a 303d water body
 - o Impaired for aquatic life, cause unknown
- Ed Zorinsky Lake (site No. 18) is a 303d water body
 - o Impaired for aquatic life, caused by algal growth
- Wehrspann Lake (Site No. 20) is a 303d water body
 - o Impaired for aquatic life, caused by algal growth, mercury, nutrients
- Prairie Queen Lake is a 303d water body
 - o Impaired for aquatic life, caused by mercury
- Papillion Creek is **not** a 303d water body
 - o Impaired for recreation use, caused by pathogens
- Walnut Creek is a 303d water body
 - o Impaired for aquatic life, cause unknown
- Walnut Creek Lake is a 303d water body
 - o Impaired for aquatic life, caused by algal growth, mercury, nutrients
- Big Papillion Creek is **not** a 303d water body
 - o Impaired for recreation use, caused by pathogens
- Salt Creek is **not** a 303d water body
 - o Impaired for recreation use, caused by pathogens
- Baright Lake (Mahoney State Park) is **not** a 303d water body
 - o Not assessed
- Quest Lake (Mahoney State Park) is **not** a 303d water body
 - o Not assessed
- Decker Creek is a 303d water body
 - o Impaired for recreation use, caused by pathogens

- Schram Park Ponds (10 Ponds) (SRA) is **not** a 303d water body
 - o Not assessed
- Jenny Newman Lake (Platte River State Park) is a 303d water body
 - o Impaired for aquatic life, caused by algal growth, nutrients
- Louisville Lake No. 3 (SRA) is **not** a 303d water body
 - o Not assessed
- Louisville Lake No. 2A (SRA) is **not** a 303d water body
 - o Not assessed
- Louisville Lake No. 1 (SRA) is **not** a 303d water body
 - o Not assessed
- Louisville Lake No. 1A (SRA) is **not** a 303d water body
 - o Not assessed
- The DPA has fifteen Wellhead Protection Areas
 - o Metropolitan Utilities District (NE3105507)
 - o Douglas County SID #277 – The Farm (NE3130005)
 - o Sarpy County SID #34 – Sarpy Heights (NE3110920)
 - o City of Gretna (NE3115303)
 - o Sarpy County SID #158 – Tiburon Golf Course (NE3120787)
 - o Sarpy County SID #23 – Westmount Subdivision (NE3115312)
 - o City of Papillion (NE3115313)
 - o Sarpy County SID #38 – Highland Estates (NE3120157)
 - o City of Springfield (NE3115301)
 - o Sarpy County SID #81 – Fairview Heights (NE3115309)
 - o City of Lincoln (NE3110926)
 - o Sarpy County SID #24 – Thousand Oaks (NE3115305)
 - o Middle Island Lake Association (NE3120623)
 - o Village of Louisville (NE3102512)
 - o Sarpy County SID #79 – Meadow Oaks (NE3115302)

Classified Lands

- There are five NGPC properties within the DPA
 - o Two Rivers SRA
 - o Eugene T. Mahoney SP
 - o Schramm Park SRA
 - o Platte River SP
 - o Louisville SRA
- There are thirteen National Levee Database areas within the DPA
 - o Clear Creek – Platte River RB
 - o Western Sarpy Drainage District Levee 3
 - o No Name Dike
 - o NESARP84 – West Papillion RB – 96th-Big Papio
 - o NEDOUG16 – Big Papio RB – L St to Thompson Cr
 - o NEDOUG16 LB & Little Papio LB – L St to Copper Cr
 - o West Papio LB & Big Papio RB
 - o NEDOUG16 – Big Papio RB – Copper Cr to Big Elk Cr
 - o NEDOUG16 – Big Papio RB – Big Elk Cr to Mud Cr
 - o NEDOUG16 – Big Papio RB – 36th St to Willow Lakes Golf Course
 - o Western Sarpy – Platte River LB
 - o YMCA Camp Kataki Levee
 - o YMCA Camp Kataki Platte River RB (NF)

- There are five Federal Real Properties within the DPA
- There are two Federal Permitting Areas within the DPA
 - o USACE – Zorinsky Recreation Area
 - o USACE – Wehrspann Recreation Area
- There is one USACE Dam within the DPA
 - o Zorinsky 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

- Cass
- Sarpy

City/Village

- La Vista
- Papillion
- Ralston
- South Bend

Highways

- Highway 6: NDOT Permit Required
- Highway 31: NDOT Permit Required
- Highway 50: NDOT Permit Required
- Highway 370: NDOT Permit Required

Railroads

- BNSF

Levees and Dams

- Clear Creek – Platte River
- Western Sarpy Drainage District Levee 1
- Western Sarpy Drainage District Levee 3

Pipelines

- Magellan Pipeline
- Market Area

Other

- Interstate 80

Agencies that will be required

- Cass County
- Sarpy County
- City of La Vista
- City of Papillion
- City of Ralston
- Village of South Bend
- NDOT District 2 (Permit Officer, JoEllen Edgington)
 - o joellen.edgington@nebraska.gov
- Union Pacific Railroad
- Clear Creek – Platte River
 - o Lower Platte North Natural Resource District (Eric Gottschalk, General Manager, egottschalk@lpnrd.org)
 - o Nebraska National Guard
- Magellan Pipeline
 - o Magellan Pipeline Company, LP
- Market Area Pipeline
 - o Northern Natural Gas Co.