

DPA S51 – 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, Lewis and Clark Trail, and Mormon Pioneer Trail intersect the DPA
- There is one National Register of Historic Places resource within the DPA
- 10 Tribes have interest in Burt, Cuming, Dodge, Douglas, Saunders, and Washington 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 Rufa Red Knot – Threatened
- 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

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

Wetlands

- Yes

Floodplain

- There are multiple flood hazard zones in the DPA
 - Zone A (1% Annual Chance Flood Hazard)
 - Zone AE (1% Annual Chance Flood Hazard)
 - Zone AE (Regulatory Floodway)
 - Zone AO (1% Annual Chance Flood Hazard)
 - 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
 - Low Income Populations
 - Limited English-Speaking Populations

Water Resources

- Missouri River is a 303d water body
 - Impaired for drinking water use, caused by metals other than mercury, solids chlorides sulfates
 - Impaired for recreation use, caused by pathogens
 - Impaired for aquatic life, caused by hydrologic alteration
- Upper Blencoe Bend is **not** a 303d water body
 - Impaired for aquatic life, caused by hydrologic alteration
- Silver Creek is a 303d water body
 - Impaired for aquatic life, cause unknown
- Mud Creek SCS Pond is **not** a 303d water body
 - Not assessed
- Logan Creek is a 303d water body
 - Impaired for aquatic life, caused by metals other than mercury
 - Impaired for recreation use, caused by pathogens
 - Impaired for agricultural water supply, caused by selenium
- Elkhorn River is **not** a 303d water body
 - 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 recreation use, caused by pathogens
- The DPA has twelve Wellhead Protection Areas
 - Cuming County RWD #1 (NE3102522)
 - City of Tekamah (NE3102102)
 - Schulzland Mobile Home Park (NE3105317)
 - Village of Arlington (NE3117901)
 - City of Fremont (NE3105312)
 - Woodcliff Water System (NE3120483)
 - Valley View Estates (NE3120158)
 - Saunders County SID #6 - Riverview (NE3105315)

- Saunders County SID #4 – Pawnee Meadows (NE3120514)
- City of Valley (NE3105518)
- Mount Michael High School (NE3120046)
- Village of Waterloo (NE3105517)

Classified Lands

- There is one NGPC property within the DPA
 - Fremont Lakes SRA
- There are seven National Levee Database areas within the DPA
 - Tekamah Diversion Ditch Levee 1
 - Tekamah Diversion Ditch Levee 2
 - Mud Creek Levee – Burt Co, NE
 - Valley – Union and No Name Dikes System – Platte River LB (NF)
 - Waterloo – Elkhorn River RB
 - Woodcliff
 - Leshara Drainage District
- There is one Federal Real Property within the DPA
- There is one Navigable Water Network within the DPA
 - Missouri River, Sioux City to Omaha
- There are four Federal Permitting Areas within the DPA

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

- Dodge
- Douglas
- Saunders
- Washington

City/Villages

- Fremont
- Valley

Highways

- Highway 275: NDOT Permit Required

Railroads

- Union Pacific

Levees and Dams

- Leshara Drainage District
- Mud Creek Levee – Burt Co, NE
- Valley – Union and No Name
- Tekamah Diversion Ditch Levee 2
- Waterloo – Elkhorn River
- Woodcliff

Pipelines

- Blair Station to David City
- Cushing Traps to Blair
- Magellan Pipeline
- Market Area
- West Leg

Agencies that will be required

- Dodge County
- Douglas County
- Saunders County
- Washington County
- City of Fremont
- City of Valley
- NDOT District 2 (Permit Officer, JoEllen Edgington)
 - o joellen.edgington@nebraska.gov
- Union Pacific Railroad
- Valley – Union and No Name Levee
 - o Papio-Missouri River Natural Resource District (General Manager, John Winkler)
 - o papadmin@papionrd.org
- Waterloo – Elkhorn River Levee
 - o City of Waterloo
- Blair Station to David City Pipeline/ Cushing Traps to Blair Pipeline
 - o NuStar Pipeline Operating Partnership L.P.
- Magellan Pipeline
 - o Magellan Pipeline Company, LP
- Market Area Pipeline
 - o Northern Natural Gas Co.
- West Leg Pipeline
 - o Enterprise Products Operating LLC