

## DPA S52 – 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 and Mormon Pioneer Trail intersect the DPA
- There are two National Register of Historic Places resources within the DPA
- 4 Tribes have interest in Dodge and Saunders Counties
  - o Apache Tribe of Oklahoma
  - o Cheyenne and Arapaho Tribes, Oklahoma
  - o Omaha Tribe of Nebraska
  - o Otoe-Missouria Tribe of Indians, Oklahoma

#### Biological Resources

- Federally Listed Species Range
  - o Monarch Butterfly – Proposed Threatened
  - o Piping Plover – Threatened
  - o Regal Fritillary – Proposed Threatened
- State Listed Species Range
  - 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
- **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)

#### Prime Farmland

- Yes

## Hazardous Materials

- There are multiple regulated facilities within the DPA

## Environmental Justice

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

## Water Resources

- Cottonwood Creek is a 303d water body
  - o Impaired for aquatic life, cause unknown
- Silver Creek is a 303d water body
  - o Impaired for aquatic life, cause unknown
- Platte River is a 303d water body
  - o Impaired for drinking water use, caused by metals other than mercury
  - o Impaired for recreation use, caused by pathogens
- Fremont Lake No. 7 and 8 (SRA) is a 303d water body
  - o Impaired for aquatic life, caused by algal growth, nutrients, pH acidity caustic conditions
- Fremont Lake No. 6 (SRA) is **not** a 303d water body
  - o Not assessed
- Fremont Lake No. 5 (SRA) is **not** a 303d water body
  - o Impaired for aquatic life, caused by algal growth, nutrients, pH acidity caustic conditions
- Fremont Lake No. 4 (SRA) is a 303d water body
  - o Impaired for aquatic life, caused by algal growth, nutrients, pH acidity caustic conditions
- Fremont Lake No. 3A (SRA) is **not** a 303d water body
  - o Not assessed
- Fremont Lake No. 3 (SRA) is **not** a 303d water body
  - o Impaired for aquatic life, caused by algal growth, nutrients, oxygen depletion
- Fremont Lake No. 2 (SRA) is a 303d water body
  - o Impaired for aquatic life, caused by algal growth, nutrients, pH acidity caustic conditions
- Fremont Lake No. 1 (SRA) is a 303d water body
  - o Impaired for aquatic life, caused by algal growth, mercury, nutrients, pH acidity caustic conditions
- Fremont Lake No. 9 (SRA) is a 303d water body
  - o Impaired for aquatic life, caused by algal growth, nutrients
- Fremont Lake No. 10 (SRA) is a 303d water body
  - o Impaired for aquatic life, caused by algal growth, nutrients
- Fremont Lake No. 16 (SRA) is a 303d water body
  - o Impaired for aquatic life, caused by algal growth, nutrients, pH acidity caustic conditions
- Fremont Lake No. 20 (SRA) is a 303d water body
  - o Impaired for aquatic life, caused by algal growth, mercury, nutrients
- The DPA has five Wellhead Protection Areas
  - o Dodge County SID #3 – Lake Ventura (NE3105308)
  - o City of Fremont (NE3105312)
  - o Village of Cedar Bluffs (NE3115504)
  - o Saunders County SID #6 - Riverview (NE3105315)
  - o City of Wahoo (NE3115512)

## Classified Lands

- There are two NGPC properties within the DPA
  - o Fremont Lakes SRA
  - o Bramble WMA
- There is one National Levee Database area within the DPA
  - o Ames
- There is one Federal Permitting Area within the DPA

## Agencies that will be required

- Nebraska SHPO (Deputy SHPO, Michael Sothan)
  - o [hn.hp@nebraska.gov](mailto: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](mailto: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](mailto: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](mailto:elizabeth.gray@usda.gov)
- Nebraska Game and Parks Commission
- Nebraska Department of Environment and Energy
  - o [NDEE.Assistance@nebraska.gov](mailto:NDEE.Assistance@nebraska.gov)
- Nebraska Department of Natural Resources (Environmental Specialist, John Miller)
  - o [john.j.miller@nebraska.gov](mailto:john.j.miller@nebraska.gov)

## Engineering Conditions

### County

- Dodge
- Saunders

### City/Village

- Cedar Bluffs

### Highways

- Highway 77: NDOT Permit Required

### Railroads

- Union Pacific

### Pipelines

- Blair Station to David City
- Market Area

### Agencies that will be required

- Dodge County
- Saunders County
- Village of Cedar Bluffs
- NDOT District 1 (Permit Officer, Cierra Catlin)
  - o [cierra.catlin@nebraska.gov](mailto:cierra.catlin@nebraska.gov)
- Union Pacific Railroad
- Blair Station to David City Pipeline
  - o NuStar Pipeline Operating Partnership L.P.
- Market Area Pipeline
  - o Northern Natural Gas Co.