



**Pete Ricketts**  
Governor

# STATE OF NEBRASKA

DEPARTMENT OF ENVIRONMENTAL QUALITY  
**Jim Macy**

Director

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## CLEAN WATER STATE REVOLVING LOAN FUND PROGRAM

### FINDING OF NO SIGNIFICANT IMPACT

TO: All Interested Citizens, Government Agencies and Public Groups

In accordance with the Nebraska Clean Water State Revolving Fund environmental review process, which is based on the National Environmental Policy Act, an environmental review has been performed on the proposed agency action below.

This information reviews the environmental impact likely from a project. This project is planned to be federally funded through your tax dollars; therefore, you are entitled to take part in its review. If you have concerns about the environmental impact of this project, please provide them at this time. The Nebraska Department of Environmental Quality encourages public input in this decision-making process.

PROJECT NAME:	Sewer System Storage
APPLICANT:	Stanton County S.I.D No. 1, Nebraska
COUNTY:	Stanton County
POPULATION:	1,451
CWSRF PROJECT NUMBER:	C317985
TOTAL PROJECT AMOUNT:	\$804,700
ESTIMATED CWSRF LOAN AMOUNT:	\$767,700
OTHER COSTS – S.I.D. FUNDED	\$37,000

Stanton County Sanitary Improvement District No. 1 (S.I.D.) has applied for funding for the above-referenced project through the Clean Water State Revolving Fund (CWSRF) program administered by the Nebraska Department of Environmental Quality (NDEQ). This project is included on the Priority List in the CWSRF State Fiscal Year 2016 Intended Use Plan. CWSRF loan financing is available at an interest rate of 1.5% per annum plus 1% annual administrative fee on the outstanding principal balance. Land purchase, easements, and legal costs are ineligible CWSRF costs.

The S.I.D. is located along Highway 35, approximately 2 miles east of the City of Norfolk in Stanton County. The current population (2010 census) served by the S.I.D.'s sewer is 1451. The S.I.D. is fully developed and is unlikely to experience any significant further growth. The S.I.D.'s sewer system consists of approximately 30,000 feet of sewer pipe and 119 manholes. Since 1986, the S.I.D. has transported its sewage by a 12-inch gravity sewer to the City of Norfolk's lift station and is then pumped to Norfolk's wastewater treatment facility. The S.I.D. collection system is prone to excessive infiltration/inflow which contributes to significantly higher flows to Norfolk's lift station during wet weather conditions and has resulted in sewer backups in residences served by the City of Norfolk. The City of Norfolk and the S.I.D. entered into a Memorandum of Understanding on May 20, 2014 that stipulated that the City will not accept peak flows from the S.I.D. in excess of 345 gallons per minute.

In order to meet the requirement associated with the peak flow, the following improvements are proposed:

1. Certain portions of the S.I.D. collection system will be slip lined in order to reduce infiltration/inflow.
2. The excess flow (i.e. flow that exceeds 345 gallons per minute) will be diverted to a detention basin by overflowing a weir. A detention basin with a storage capacity of 196,000 gallons is proposed. The detention basin is designed to store 533 gallons per minute for 6 hours. A short length of 6-inch gravity sewer main will serve as a restriction to limit the flow and the excess flow will be diverted to the detention basin via a 12-inch gravity sewer main. The basin will store the excess flow for the duration of the wet weather event. The detention basin will be lined with a synthetic liner. Sewage stored in the detention basin will be allowed to be fed back into the existing 12-inch sewer main via an 8-inch gravity sewer when sewage flows generated by the S.I.D. are normalized. The footprint of the detention basin will have an area of approximately 22,000 square feet and will be located on one acre of land south of the S.I.D. The detention basin would be sloped to drain so that it is generally empty when not in use. The proposed basin will be located in the SW ¼ of Sec 18, T24N, R01E of the 6<sup>th</sup> PM. A metering manhole that will measure flow will be located in the existing 12-inch gravity sewer downstream of the point at which the 8-inch gravity sewer from the detention basin connects to the existing 12-inch sewer. The City of Norfolk measures cumulative flow once a month. The flow measurement device is also calibrated once a month.

The City of Norfolk bills the S.I.D. once a month. The S.I.D. is generally charged for hydraulic flow at the industrial rate as established in section 2.05 of the City of Norfolk's code. S.I.D.'s current residential sewer user charge is a charge of \$17.19/month for the first 6,000 gallons of water use in the winter quarter plus \$0.60/1000 gallons for water usage in excess of 6,000. The S.I.D. has 560 sewer connections. The S.I.D. will generate sufficient revenues by assessing adequate sewer use fees in order to pay the CWSRF debt service, pay the fees due to the City of Norfolk, and also to pay for the operation and maintenance of their own sewer utility. The projected sewer use fees are estimated to be about \$30.00/month/user.

The S.I.D. conducted a public hearing on this project on February 29, 2016, which had the required 30 day advertised notice. Eight citizens, the Board members, and the S.I.D.'s consultant, attended the public hearing. The Consulting Engineer presented the project and the associated impact to the sewer rates.

The S.I.D.'s Consulting Engineer sent out twelve requests for comments to related state and federal agencies, seven responses were received. Filling in Waters of the US is not expected. All impacts to Waters of the US will be permitted under the Clean Water Act, Section 404 Nationwide Permit. The Natural Resource Conservation Service (NRCS) reviewed the area of the proposed lagoons and determined that the site did not involve prime farmland. The Nebraska State Historical Society stated that a determination of "no historic properties affected" is appropriate for this undertaking. The Nebraska Department of Natural Resources project review identified no comments. The Nebraska Game and Parks Commission (NGPC) indicated that the project may impact the northern long-eared bat (NLEB). To avoid impacting the NLEB, NGPC recommends tree clearing activities outside of the pup season from June 1 through July 31. NGPC also indicated that construction activities that involve vegetation removal should be scheduled to avoid impacting

migratory bird nesting. A requirement to comply with the Migratory Bird Treaty Act will be included in the project specifications. To avoid impacting NLEB, the S.I.D. may restrict tree clearing activities inside of the pup season from June 1 through July 31 as recommended by NGPC. A construction storm water permit will not be required by the NDEQ since less than one acre of land will be disturbed.

The environmental impact will be positive, as sewer backups in residences served by the City of Norfolk will be eliminated. No significant negative impact has been identified. Consequently, a preliminary decision has been made that an Environmental Impact Statement will not be prepared.

This action is taken on the basis of careful review of the facility plan, the environmental assessment and other supporting data, which are on file in the office of the NDEQ. These are available for public review upon request. A copy of the environmental assessment is attached. The NDEQ will not take any administrative action on the project for at least 30 calendar days from the date signed. Persons having a comment on this determination are encouraged to submit directly to Gautam Bhadbhade of the NDEQ (email [gautam.bhadbhade@nebraska.gov](mailto:gautam.bhadbhade@nebraska.gov) or phone (402) 471-4207) during this period.

Signed this 29<sup>th</sup> day of March, 2016.

Sincerely,  
  
Jim Macy  
Director

JM/gmb  
Attachments: Environmental Assessment  
Distribution List  
Maps

FINDING OF NO SIGNIFICANT IMPACT DISTRIBUTION LIST  
STANTON COUNTY S.I.D. NO. 1, NEBRASKA

DEPARTMENT OF ENVIRONMENTAL QUALITY  
Office of Public Affairs  
P.O. Box 98922  
Lincoln, NE 68509-8922

DEPARTMENT OF HEALTH AND HUMAN  
SERVICES – DIVISION OF PUBLIC HEALTH  
Steve McNulty  
P.O. Box 95026  
Lincoln, NE 68509-5026

DEPARTMENT OF NATURAL RESOURCES  
Mitch Paine  
P.O. Box 94676  
Lincoln, NE 68509-4676

NEBRASKA GAME & PARKS COMMISSION  
Craig Wacker/Carey Grell  
P.O. Box 30370  
Lincoln, NE 68503-0370

DIRECTOR, NEBRASKA STATE  
HISTORICAL SOCIETY  
P.O. Box 82554  
Lincoln, NE 68508-2554

STATE OFFICE OF POLICY RESEARCH  
Policy Advisor  
Rm 1319, State Capitol  
P.O. Box 94601  
Lincoln, NE 68509-4601

DEPARTMENT OF ECONOMIC DEVELOPMENT  
Heather Voorman  
P.O. Box 94666  
Lincoln, NE 68509

DEPARTMENT OF THE INTERIOR  
FISH AND WILDLIFE SERVICE  
Eliza Hines  
9325 South Alda Road  
Wood River, NE 68883

NATIONAL PARK SERVICE  
Nick Chevance  
Environmental Coordinator  
Midwest Regional Office  
601 Riverfront Drive  
Omaha, NE 68102-4226

USDA RURAL DEVELOPMENT  
Ken Shaw  
Room 308, Federal Building  
100 Centennial Mall North  
Lincoln, NE 68508

ENVIRONMENTAL PROTECTION AGENCY  
Chris Simmons/Kelly Beard-Tittone  
11201 Renner Blvd  
*Mail Code: WWPDWIMB*  
Lenexa, KS 66219

STATE CONSERVATIONIST  
Natural Resources Conservation Service  
Federal Building, Room 345  
100 Centennial Mall North  
Lincoln, NE 68508

DEPARTMENT OF THE ARMY  
John Moeschen  
State Program Manager  
US Army corps of Engineers  
Nebraska State Office, Suite 1  
8901 South 154<sup>th</sup> Street  
Omaha, NE 68138-3621

APPLICANT  
Charlene Sparks, Chairperson  
99 Market Place  
Norfolk, NE 68701

ENGINEER  
Roger Protzman, PE  
JEO Consulting Group  
803 W. Norfolk Ave  
Norfolk, NE 68701

LOCAL NEWSPAPER:  
(Public Information Only not for Public Notice)  
The Norfolk Daily News  
525 Norfolk Ave  
Norfolk, NE 68701

NATURAL RESOURCES DISTRICT:  
Mike Sousek, General Manager  
Lower Elkhorn NRD  
601 E. Benjamin Ave  
Suite 101  
Norfolk, NE 68701

Dennis Smith, Public Works Director  
City of Norfolk  
309 N5th Street  
Norfolk, NE 68701-4092



2016  
 STANTON COUNTY S.I.D. NO. 1  
 SEWER SYSTEM STORAGE  
 NORFOLK, NEBRASKA

LOCATION MAP



PROJECT NO. 141150  
 DATE 3/18/2016  
 DRAWN BY D.A.B.  
 FILE NAME 2.141155.dwg  
 PROJECT LOCATION S.W.  
 PROJECT NO. 88  
 PLAN NUMBER 88P  
 SHEET NUMBER 100001  
 SHEET TOTAL 100002  
 DRAWN BY DATE  
 CHECKED BY DATE  
 PROJECT NO. 141150

CO.2



GRAPHIC SCALE  
 0 200 400 800  
 UNIT OF MEASURE IS FEET

PROJECT LOCATION

STANTON  
 S.I.D. NO. 1

843RD ROAD

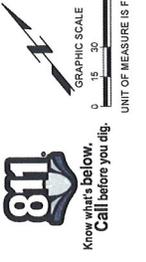
E BENJAMIN AVE

OLD HIGHWAY 36

657TH AVE

BUS. 276

TO NORFOLK



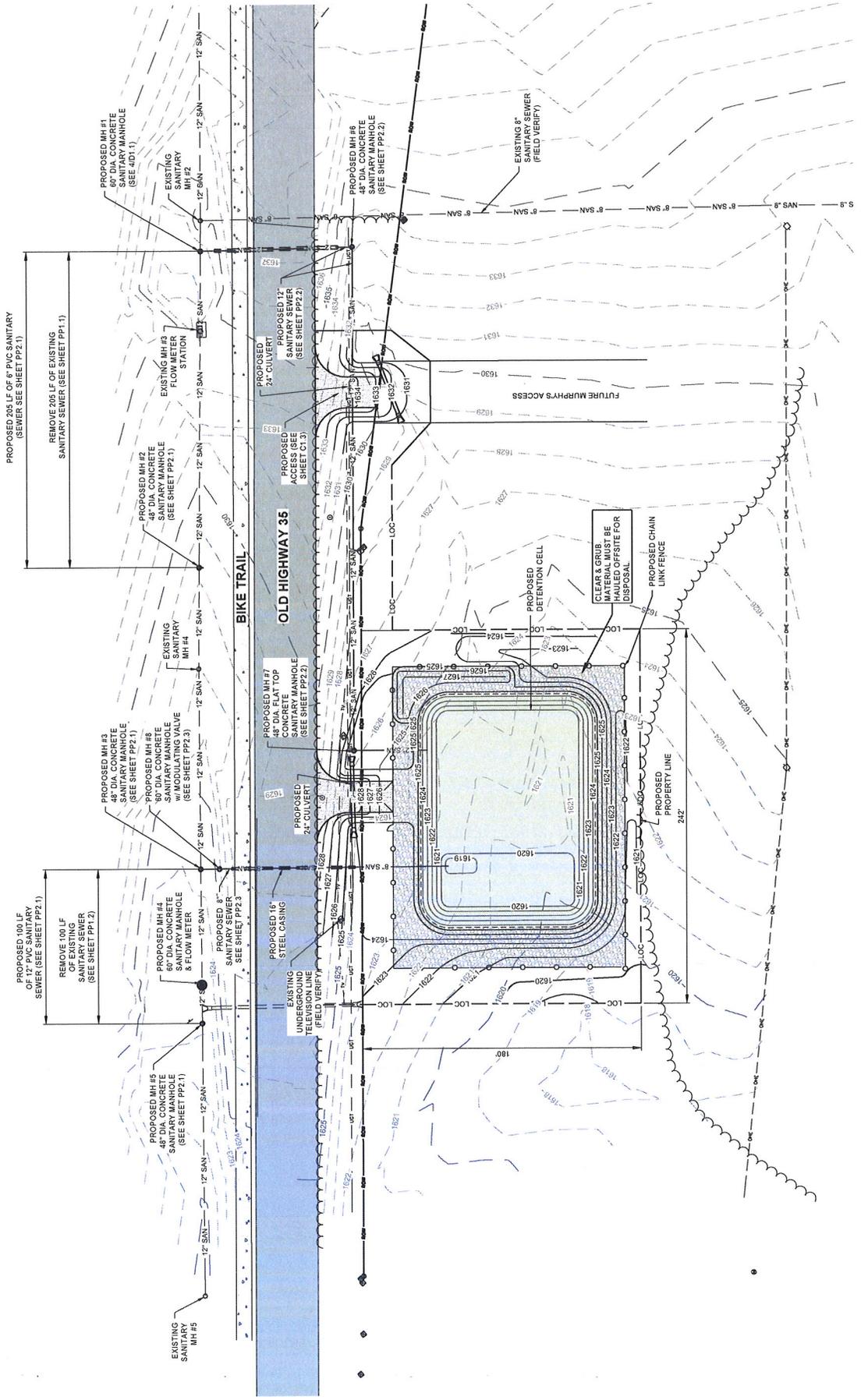
2016  
STANTON COUNTY S.I.D., NO. 1  
SEWER SYSTEM STORAGE  
NORFOLK, NEBRASKA

PROPOSED OVERALL SITE PLAN



PROJECT NO.	141150
DATE	3/18/2016
Drawn By	D.A.B.
FILE NAME	S 141150.dwg
FIELD NO.	141150-001
SCALE	AS SHOWN
DATE	3/18/2016
BY	D.A.B.
CHECKED	D.A.B.
DATE	3/18/2016
APPROVED	D.A.B.
DATE	3/18/2016
PROJECT NO.	141150
DATE	3/18/2016
BY	D.A.B.
CHECKED	D.A.B.
DATE	3/18/2016
APPROVED	D.A.B.
DATE	3/18/2016

C1.1



My Notes

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