

**MINUTES OF A SPECIAL MEETING OF
SANITARY AND IMPROVEMENT DISTRICT NO. 5,
CASS COUNTY, NEBRASKA
TO CONSIDER A RESOLUTION OF NECESSITY
RELATED TO THE WASTE WATER TREATMENT
PLANT EXPANSION PROJECT**

Meeting convened at 6:00 p.m. on September 16, 2021 at 3200 Buccaneer Blvd, Plattsmouth, Nebraska, inside the clubhouse of Bay Hills Golf Club. Attached hereto are: the agenda for the meeting; the Affidavit of Printer regarding publication of notice of the meeting, which communicated the availability of the agenda in the *Plattsmouth Journal*, Plattsmouth, Nebraska; Affidavit of Printer regarding publication of the Notice of Public Hearing in the *Plattsmouth Journal*, Plattsmouth, Nebraska; advance notice of the meeting as provided to the County Clerk of Cass County and all Trustees; and the Trustees' acknowledgment of receipt of said notice and agenda. All proceedings were taken while convened with attendance open to the public.

ITEM 1

Meeting called to order at 6:01 p.m.

ITEM 2

The Chair announced the locations of the Open Meetings Act and documents related to the agenda.

ITEM 3

Roll Call: Present: Kurt W. Meisinger, James Grotrian, Robert Karr, David L. Martin and Dan Brandt. Absent: none.

ITEM 4

At 6:04 p.m. the Chair opened the Public Hearing for the purpose of hearing support, opposition, criticism, suggestions and observations from the public to determine the advisability of adopting a Resolution of Necessity for the 2021 Wastewater Treatment Plant Expansion, JEO Consulting Group, Inc. Project No. 170921.02. No persons appeared to speak at the hearing. The Chairperson closed the Public Hearing on the budget at 6:07 p.m.

ITEM 5

Resolution introduced by Martin, seconded by Brandt:

RESOLUTION OF NECESSITY
SANITARY AND IMPROVEMENT DISTRICT NO. 5
OF CASS COUNTY, NEBRASKA
2021 WASTEWATER TREATMENT PLANT EXPANSION
JEO CONSULTING GROUP, INC. PROJECT NO. 170921.02

BE IT RESOLVED, that the Board of Trustees of Sanitary and Improvement District No. 5 of Cass County, Nebraska, find and determine that it is advisable and necessary for the District to construct additional improvements, designated 2021 Wastewater Treatment Plant Expansion, Sanitary and Improvement District No. 5 of Cass County, Nebraska, JEO Consulting Group, Inc. Project No. 170921.02.

BE IT FURTHER RESOLVED, that all improvements shall be located within dedicated streets, right-of-way, and easements of, or on property owned by Sanitary and Improvement District No. 5 of Cass County, Nebraska, all located in Sections 32, 33 and 34, T13N, R13E of the 6th P.M., Cass County, Nebraska, and Sections 4 and 5, T12N, R13E of the 6th P.M., and that it is advisable and necessary for the District to acquire by purchase, condemnation, or otherwise, any temporary construction easements and permanent easements relating to the improvements for that purpose.

BE IT FURTHER RESOLVED, that the wastewater treatment facility will be located at the site of the existing wastewater treatment plant in the NE 1/4 of the SE 1/4 of Section 33, and in the NW 1/4 of the SW 1/4 of Section 34, T 13N, R13W of the 6th P.M.

BE IT FURTHER RESOLVED, that the facility will have a design maximum daily flowrate of 0.180 million gallons per day and a design maximum hourly flowrate of 0.432 million gallons per day, with treated wastewater discharged to Four-Mile Creek at the same location as the current discharge.

BE IT FURTHER RESOLVED, that the construction and equipment will be of suitable material and suitable products.

BE IT FURTHER RESOLVED, that the work to be performed will consist of:

1. The construction of a third Fluidyne Integrated Surge Anoxic Mix (ISAM) wastewater treatment facility, consisting of a three-tank system with one (1) 32' x 14' x 12' deep SBR tank, one (1) 16' x 14' x 12' deep surge anoxic mix (SAM) tank, and one (1) 14' x 16' x 12' deep trash trap tank. The aeration system will be a jet aeration system with air provided by three existing 7.5 HP positive displacement blowers and one proposed 6.2 HP submersible jet motive pump. One (1) SAM tank also will be equipped with a 6.2 HP submersible aspirating pump which can be used for mixing and providing additional air to the SAM tank. Tanks for the ISAM facility are of reinforced concrete construction.

2. The replacement of two aspirating pumps, valves and controls for the Fluidyne Integrated Surge Anoxic Mix facilities, installation of vertical screen with a three sided wind-break at the influent pumping station preceding the influent pumps for pump

protection along with appurtenances such as water service and electrical controls, modification to the existing blower piping, and miscellaneous modifications to the existing control building, electrical panels and plant site piping to connect to the existing system. This includes replacing the dissolve oxygen probes and floats in the Fluidyne system and adding transducers.

3. The improvement of and replacement of pumps, controls, piping and valves and structure modification for the collection system pumping station at Sterling Court.

4. The construction of a new ultraviolet disinfection system to treat the system effluent prior to discharge to the environment.

5. The installation of a new supervisory control and data acquisition system (SCADA) to replace the existing system that is obsolete. This system will monitor the WWTF, the Districts five lift stations and water supply system and report alarm conditions to the operator. It will also allow limited remote operation of the system where possible.

6. Excavation, backfilling, miscellaneous grading, necessary appurtenances and other items incidental and necessary for a complete wastewater treatment facility system.

BE IT FURTHER RESOLVED, that an estimate of the total cost of these improvements, including engineering, legal, fiscal, publication, interest and miscellaneous costs is \$2,468,550. To pay improvement costs which are eligible, the Board of Trustees will obtain a loan from the Nebraska Department of Environment and Energy (NDEE) through the Clean Water State Revolving Fund, which the District shall convert to a bond through a court proceeding following completion of the project and finalization of the loan amount. The Board will enter into an agreement with NDEE to retire the indebtedness from user fees charged for use of the Sewer System. No special assessments shall be levied relating to these improvements. To pay improvement costs which are not eligible to pay from said loan, the Board of Trustees will use the construction fund.

BE IT FURTHER RESOLVED, that the Board of Trustees for Sanitary and Improvement District No. 5 of Cass County, Nebraska has held a public hearing for the purpose of providing owners of property within the District to appear and make objections to the proposed improvements; that no special assessments shall be levied to which a majority of the owners of property in the District could object by a signed petition in opposition to the Resolution filed with the Clerk not less than three days prior to the Public Hearing, thereby allowing the Board of Trustees to act upon the Resolution following the public hearing and to either decline to adopt the resolution,

amend and adopt the Resolution as amended, or adopt the Resolution as proposed.

BE IT FURTHER RESOLVED, that a Notice to Bidders be published as required by law for the purpose of letting the contract for the project.

SANITARY AND IMPROVEMENT DISTRICT NO. 5 OF CASS COUNTY, NEBRASKA

PASSED AND APPROVED this 16TH day of September 2021.

By: /s/ Kurt Meisinger
Kurt Meisinger, Chair

ATTEST:
/s/ Dan Brandt
Dan Brandt, Clerk

On roll call those voting aye: Martin, Karr, Grotrian, Brandt and Meisinger. Voting nay: none. Absent: none. Abstaining: None. The Chair declared the resolution adopted.

ITEM 6

Motion by Meisinger, seconded by Martin to approve the plans for the 2021 Wastewater Treatment Plant Expansion, prepared by JEO Consulting Group, Inc. Project No. 170921.02. On roll call those voting aye: Martin, Karr, Grotrian, Brandt and Meisinger. Voting nay: none. Absent: none. Abstaining: None. The Chair declared the resolution adopted.

ITEM 7

Motion by Meisinger, seconded by Grotrian to authorize JEO Consulting Group, Inc., engineers for the 2021 Wastewater Treatment Plant Expansion project, to advertise for bids. On roll call those voting aye: Martin, Karr, Grotrian, Brandt and Meisinger. Voting nay: none. Absent: none. Abstaining: None. The Chair declared the resolution adopted.

ITEM 8

The agenda having been completed, on motion by Grotrian and recognized by the Chair, the meeting adjourned at approximately 6:15 p.m.

Dan Brandt, Trustee

Kurt W. Meisinger, Trustee

David L. Martin, Trustee

Robert Karr, Trustee

Recorded by:

James Grotrian, Trustee

Roger K. Johnson
Attorney for the District