

## **LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT**

### **NEBRASKA WATER SUSTAINABILITY FUND GRANT AWARD ANNUAL REPORT – APRIL 1, 2018 APPLICATION NO. 5201**

#### **Build Detention Sites No.'s 26 & 27 within the Wahoo Creek Basin - Project Summary**

The Water Sustainability Fund (WSF) grant agreement for the Lower Platte North NRD (LPNNRD) was approved to begin on November 28, 2017, for use of \$2,269,194 toward the planning, design and construction of Wahoo Creek detention sites 26 & 27. We have also received \$1.5 million of federal assistance through NRCS's Resource Conservation Partnership Program (RCPP). The total estimated project costs are approximately \$5.3 Million. The local requirement will be approximately \$1.5 million.

Sites 26 and 27 were originally identified in the *Plan/EIS* to provide regional detention of storm water and water quality benefits. The *Plan/EIS* was last updated in 1998 by the Lower Platte North Natural Resources District (LPNNRD) and the Natural Resources Conservation Service (NRCS) under the authority of the Watershed Protection and Flood Prevention Act (Public Law 83-566). The watershed plan identified seventeen (17) floodwater retention structures within the basin to reduce rural and urban flooding, reduce sedimentation and scour, stabilize stream channels, enhance fish and wildlife habitat, enhance water quality, improve economic conditions, and provide recreational opportunities.

Sites 26 & 27 are two of the ten uncompleted Wahoo Creek structures (Site 26 and Site 27) identified in the *Plan/EIS*. Construction of these sites will be a major step in beginning the implementation of this over-reaching plan, and thereby reducing flood damage and improving water quality within the Wahoo Creek Watershed.

#### **PROJECT PROGRESS NOVEMBER 28, 2017 TO APRIL 1, 2018:**

The LPNNRD has contracted with FYRA Engineering who are working on completing the watershed planning for Sites 26 & 27. While not part of our present approved WSF application, they have also been contracted to complete watershed planning for the remaining watershed which will involve up to an additional eight retention structures.

#### **ANTICIPATED ACTIVITIES FROM NOW UNTIL NEXT ANNUAL REPORT DUE APRIL 1, 2019:**

The LPNNRD intends to have an updated watershed plan for the entire Wahoo Creek Watershed by April 1, 2019, to include Sites 26 & 27 and additional future sites. In 2018, we plan to send out Requests for Proposals for the design, permitting and construction of Sites 26 and 27. While not part of this approved WSF application, we will also be sending out RFP's for the design of the additional detention sites as identified by the completed watershed plan.