

## Conservation District 2021 Tree Planting Efforts

January 21, 2021. The James River Water Development District awarded \$157,500 for 2021 tree planting efforts within the District; allocating \$15,000 to Beadle Conservation District, Brown/Marshall Conservation District, South Brown Conservation District, Davison Conservation District, Hanson Conservation District, Hutchinson Conservation District, Marshall Conservation District, Sanborn Conservation District, Spink Conservation District, Yankton Conservation District and \$7,500 to Aurora Conservation District. These funds will encourage producers to plant trees to improve the environment, for example; by protecting the soil, improving water quality and to establish wildlife habitat.

## South Central Watershed Project

January 21, 2021. The James River Water Development District committed to continue the implementation of Best Management practices (BMPs), which have been successful in the South Central Watershed Project. The James River Water Development District committed \$29,645 to the South Central Implementation Project to continue to work with private landowners and operators to implement BMPs to improve surface water qualities in South Dakota.

## City of Hitchcock: Lift Station Relining

March 18, 2021. The James River Water Development District awarded \$37,925 to the City of Hitchcock to install a new fiberglass liner to their lift station, which will prevent wastewater from seeping into the ground water.

### **Davison County: Drainage Fabric and Riprap Installation**

March 18, 2021. The James River Water Development District awarded \$28,490 for drainage fabric and riprap installation costs with replacing Structure 18-170-141, that was severely damaged beyond repair during major flooding events in 2019. The installation of drainage fabric and riprap will help mitigate sediment transport from entering the James River, which will reduce water contamination by soil erosion and help protect the structure from future scour and flooding events.

### **Davison County: Drainage Fabric and Riprap Installation**

March 18, 2021. The James River Water Development District awarded \$29,330 for drainage fabric and riprap installation costs with replacing Structures 18-120-153, 18-070-153 and 18-030-144, that were severely damaged beyond repair during major flooding events in 2019. The installation of drainage fabric and riprap will help mitigate sediment transport from entering the James River, which will reduce water contamination by soil erosion and help protect the structures from future scour and flooding events.

### **City of Mellette: Lift Station Improvements**

March 18, 2021. The James River Water Development District awarded \$50,000 to the City of Mellette to upgrade their lift station and controls as well as upgrading the current 4-inch line to a 6-inch line so the pumps can run concurrently, preventing issues due to water infiltrating the system.

### **Brown County: Build a New Dam**

March 18, 2021. The James River Water Development District awarded \$14,750 to a landowner in Brown County to build a low head dam in Mud Creek at the downstream end of his property.

### **Yankton County: Build a New Dam**

March 18, 2021. The James River Water Development District awarded \$12,240 to a landowner in Walshtown Township. This silt dam will sit above the main dam to protect it and to filter out debris from coming into the main dam.

### **Yankton County: Dam Repair**

March 18, 2021. The James River Water Development District awarded \$14,229 to a landowner in Walshtown Township. This dam sits a mile above the James River and has been severally damaged over the past years due to large amounts of runoff.

### **Green Acres Association: Above Ground Water Storage Tanks**

May 13, 2021. The James River Water Development District awarded \$34,626.50 to Green Acres Association for constructing three 4,000 gallon above ground water storage tanks in Brown County. These tanks will replace an existing unground water storage reservoir which will be demolished for safety concerns.

### City of Wessington: Water Tower Repair

May 13, 2021. The James River Water Development District awarded \$33,626 to the City of Wessington to repair a leak in their water tower by installing a new expansion joint, riser piper and frost jacket.

### Ducks Unlimited: Restoring 11 Wetlands in Sanborn County

May 13, 2021. The James River Water Development District awarded \$32,000 to Ducks Unlimited to restore hydrology to 11 drained wetland basins by building earthen ditch plugs a minimum of 50 feet long and removing one drain tile pipe. A total of 33 surface acres will be restored having over 50 acre-feet of water storage capacity.

### Hutchinson County Highway Department: Riprap at 6 Bridge Sites

May 13, 2021. The James River Water Development District awarded \$15,000 to Hutchinson County Highway Department to riprap at the following bridge sites; 34-140-226, 34-075-220, 34-104-020, 34-147-090, 34-126-010, and 34-244-140. Total cost of the project is estimated at \$30,500.

### Yankton County Highway Department: Engineering & Riprap

May 13, 2021. The James River Water Development District awarded \$48,798 to Yankton County Highway Department for costs associated with engineering and riprap on replacing bridge 64-147-138 in Yankton County.

### Yankton County Highway Department: Engineering & Riprap

May 13, 2021. The James River Water Development District awarded \$42,000 to Yankton County Highway Department for costs associated with engineering and riprap on replacing bridge 68-137-088 in Yankton County.

### Yankton County: Dam Repair

May 13, 2021. The James River Water Development District awarded \$18,849.60 to a landowner in Walshtown Township to repair a dam. This dam sits less than a mile west of the James River and has been severely damaged over the past years due to heavy rain.

### Davison County: Dam Repair

May 13, 2021. The James River Water Development District awarded \$1,147.50 to a landowner in to repair a sediment dam.

### Enhanced CRP Program

July 8, 2021. The James River Water Development District committed \$50,000 to improve water quality within the James River watershed through the Enhanced CRP Program available now for a number of USDA Continuous CRP practices. The JRWDD Enhanced CRP program consists of a one-time, up-front, 75% incentive payment of the CRP base-rate in addition to the producers regular CRP payment for the following practices; CP8A – Grass Waterways, CP21 – Filter Strips, CP22 – Riparian Buffer, CP29 – Marginal Pastureland Wildlife Habitat Buffer and CP30 – Marginal Pastureland Wetland Buffer.

### Spink County: Dam Repair

July 8, 2021. The James River Water Development District awarded \$19,237.50 to a landowner in Jefferson Township to repair a 200-acre dam that sits less than 150 yards from the James River.

### United States Geological Gaging Stations Funding

September 9, 2021. The James River Water Development District entered into a joint funding agreement in the amount of \$25,390 with the United States Geological Survey for operation and maintenance of three streamflow gaging stations on the James River near Stratford, Redfield and Yankton. These funds will provide quality hydrologic data in a timely and professional manner.

What is a gaging station: <http://geology.com/articles/gaging-station.shtml>

Current stream flow conditions: [http://waterwatch.usgs.gov/index.php?r=sd&id=ww\\_current](http://waterwatch.usgs.gov/index.php?r=sd&id=ww_current)

### City of Aberdeen: Ordway Dam Repair

September 9, 2021. The James River Water Development District awarded \$100,000 to the City of Aberdeen to repair Ordway dam on the Elm River. The high flows and large ice chunks have degraded the flash boards. This dam acts as a source of water for the water treatment plant in Aberdeen.

### Town of Olivet: Bank Stabilization

September 9, 2021. The James River Water Development District awarded \$4,000 for bank stabilization along Olivet Town Park in Hutchinson County.

### **Brown County: Culvert Replacement & Flap Gate**

September 9, 2021. The James River Water Development District awarded \$4,077.50 to a landowner to replace an existing culvert. The existing culvert is rusted through at the flap gate and is not repairable. The existing culvert will be replaced with the same size culvert with a new flap gate installed to release water.

### **Yankton County: Dam Repair**

September 9, 2021. The James River Water Development District awarded \$951.12 to a landowner in Ziskov Township to repair a dam.

### **Hutchinson County: Dam Repair**

September 9, 2021. The James River Water Development District awarded \$20,827.50 to a landowner in Molan Township to repair a dam.

### **Hutchinson County: Dam Repair**

September 9, 2021. The James River Water Development District awarded \$27,675 to a landowner in Wittenberg Township to repair a dam.

### **Hutchinson County: Dam Repair**

September 9, 2021. The James River Water Development District awarded \$18,231.48 to a landowner in Clayton North Township to repair a dam.

### **Hutchinson County: Build a New Dam**

September 9, 2021. The James River Water Development District awarded \$32,429.25 to a landowner in Wittenberg Township to build a dam.

### **Hutchinson County: Build a New Dam**

September 9, 2021. The James River Water Development District awarded \$29,294.25 to a landowner in Wittenberg Township to build a dam.

### **Hutchinson County: Drainage Ditch Erosion Control**

September 9, 2021. The James River Water Development District awarded \$3,875 to a landowner in Hutchinson County to repair and reinforce the outlet on a drainage ditch in Sweet Township.

### **Yankton County: West Yankton Sanitary Sewer Feasibility Study**

November 18, 2021. The James River Water Development District awarded \$14,650 to Yankton County to update the West Yankton Sanitary Sewer Feasibility Study that was originally completed in 2008.

### **Belle Prairie Township: Replace Water Structure**

November 18, 2021. The James River Water Development District awarded \$50,000 to Belle Prairie Township for engineering fees and bank stabilization to replace a water structure in Beadle County.



## Mission Hill North Township: Bank Stabilization

November 18, 2021. The James River Water Development District awarded \$21,658.20 to Mission Hill North Township for bank stabilization in Yankton County.