

Conservation District Tree Funding

January 12, 2022. The James River Water Development District awarded \$157,500 for 2022 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 Funding

January 12, 2022. 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 \$41,518 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.

USGS Nitrate Gaging Station Funding

March 10, 2022. The James River Water Development District awarded \$8,200 to USGS for operation of a real-time, continuous nitrate monitor streamgauge in Yankton County. The data collected from this monitor will allow for calculation of accurate nitrate loads, examination of trends in water quality conditions, predictive capabilities for

downstream water quality, and calibration of contaminant transport models.

Yankton County Funding

March 10, 2022. The James River Water Development District awarded \$31,250 for engineering fees for a hydraulic study on structure #68-030-018 and proposed replacement options for the structure.

Yankton County Funding

March 10, 2022. The James River Water Development District awarded \$11,724.83 to repair a dam in Volin Township.

Yankton County Funding

March 10, 2022. The James River Water Development District awarded \$7,696.05 to build a dam in Mission Hill Township.

Hutchinson County Funding

May 12, 2022. The James River Water Development District awarded \$18,008.10 to repair a dam in Wittenberg North Township.

Enhanced CRP Program

May 12, 2022. The James River Water Development District committed \$75,000 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.

Rangeland Management Practices

July 21, 2022. The James River Water Development District partnered with US Fish and Wildlife Service to promote grassland management, which is beneficial for wildlife production, erosion reduction, and improved water quality in the James River. Specific conservation practices which would be implemented include water developments for managed grazing projects (pipelines, tanks, pasture pumps, alternative energy water pumps, rural water hook-ups, and shallow wells), new fence, and native grass and forb seed. For more information on the program please contact:

Chuck Pyle, Assistant State Coordinator with SD Partners for Fish and Wildlife Program at 605-697-2500

Ducks Unlimited Wetland Restoration in Brown County

July 21, 2022. The James River Water Development District awarded \$40,010 to Ducks Unlimited to restore wetlands totaling 27.8 surface acres in Brown County. These restored wetlands will help to reduce downstream and overland flooding, replenish ground water aquifers, reduce sediment, and improve water quality.

Yankton County Funding

July 21, 2022. The James River Water Development District awarded \$24,238.50 to repair a dam in Odessa Township. The drainage area above the dam is 870 acres.

Yankton County Funding

July 21, 2022. The James River Water Development District awarded \$24,045 to repair a dam in Central Township. The drainage area above the dam is 985 acres.

Ducks Unlimited Wetland Restoration in Brown County

September 8, 2022. The James River Water Development District awarded \$12,710 to Ducks Unlimited to restore wetlands totaling 6.5 surface acres in Brown County. These restored wetlands will help to reduce downstream and overland flooding, replenish ground water aquifers, reduce sediment, and improve water quality.

Ducks Unlimited Wetland Restoration in Marshall County

September 8, 2022. The James River Water Development District awarded \$15,089 to Ducks Unlimited to restore wetlands totaling 27 surface acres in Marshall County. These restored wetlands will help to reduce downstream and overland flooding, replenish ground water aquifers, reduce sediment, and improve water quality.

City of Yankton: Stream Gages on Marne Creek

September 8, 2022. The James River Water Development District awarded \$10,000 to the City of Yankton to install a series of stream monitoring devices along Marne Creek. These gages will help enhance warning and response to flooding situations and to collect data for long term planning and mapping purposes.

United States Geological Gaging Stations Funding

November 10, 2022. 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

USGS Nitrate Gaging Station Funding

November 10, 2022. The James River Water Development District awarded \$8,540 to USGS for operation of a real-time, continuous nitrate monitor streamgage in Yankton County. The data collected from this monitor will allow for calculation of accurate nitrate loads, examination of trends in water quality conditions, predictive capabilities for downstream water quality, and calibration of contaminant transport models.

Yankton County Highway Department Funding

November 10, 2022. The James River Water Development District awarded \$8,650 for rip rap at bridge site #34-152-070 in Yankton County.

South Central Watershed Project Funding

November 10, 2022. 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 \$120,000 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.