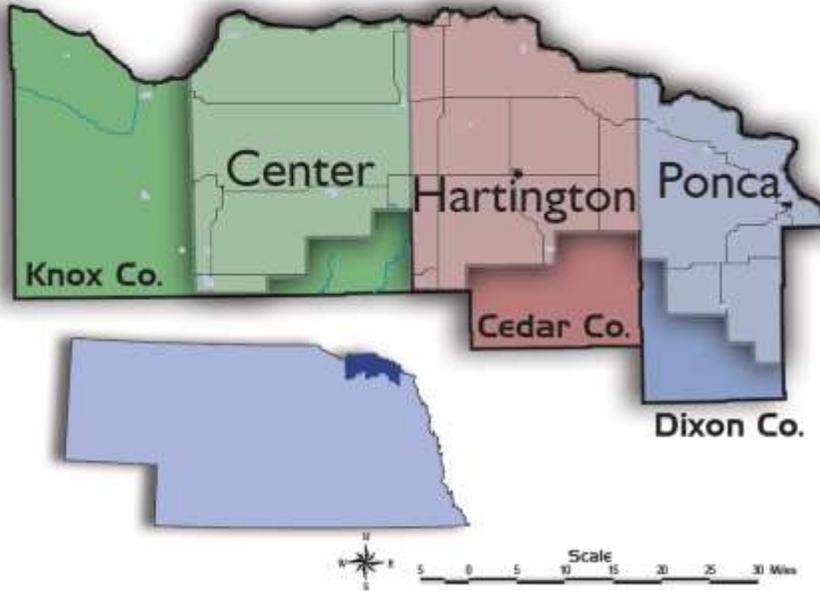


KNOW YOUR NRD



Nebraska's Natural Resources Districts
Making the Good Life Better Since 1972

2013



LEWIS & CLARK NRD

LCNRD QUICK FACTS:

The Lewis & Clark NRD manages natural resources for part of 3 counties along the Missouri River in Northeast Nebraska

Surface Water

Missouri River - 68 miles

Lewis & Clark Lake - 31,400 acres

Ground Water

Domestic/Commercial Wells - 593

Livestock Wells - 333

Irrigation Wells - 1,377

To ensure the safety and quantity of ground water more than 200 wells are monitored annually

Protecting Lives

Secure Water Source

The Lewis & Clark NRD provides safe drinking water to customers in Northeast Nebraska through the **Cedar-Knox Rural Water Project (CKRWP)**. There are 802 rural customers and four communities; Crofton, Fordyce, St. Helena and Obert served by CKRWP. Local agencies provided high quality water by CKRWP are Nebraska Game and Parks Commission, Army Corps of Engineers Recreation Areas and two Sanitary Improvement Districts.

CKRWP is one of five surface water treatment plants in Nebraska with current production capacity of one million gallons per day. CKRWP is a special improvement project not subsidized with tax dollars. Operations are carried out by assessment to users of the rural water system. The project serves approximately 20% of the district with 385 miles of pipeline.

Protecting Property

Meridian Trail

The first phase of the Meridian Trail, near Gavin's Point Dam, along the Missouri River was opened to bicycle and foot traffic in the spring of 2012. It is the first part of a trail proposed to connect the Gavin's Point Dam to the Meridian Bridge, which was recently converted to a pedestrian bridge. Phase 1 of the trail begins east of Gavin's Point Dam and runs to the west side of Murdo's Restaurant in Aten.



Meridian Trail

Funding for the Phase 1 portion of the Bike Trail project was received primarily from the Nebraska Department of Roads Trail Fund. The remaining costs were (continued on back)

Protecting the Future

Wau-Col Regional Water System

Several rural communities in Northeast Nebraska which were experiencing water quality (nitrate) and some water quantity issues, have worked together to find a solution through development of a regional water system.

The project involved the collaboration of a number of parties to bring it to fruition, including the Lewis and Clark NRD, Lower Elkhorn NRD, Northeast Nebraska Resource Conservation and Development, Midwest Assistance Program, Nebraska Rural Water Association, Nebraska Department of Health and Human Services, Nebraska USDA Rural Development, the Villages of Wausa, Coleridge, Belden, Magnet, McLean, and (continued on back)

Your local voice on natural resources issues

Meridian Trail *(continued)*

shared by the Lewis and Clark Natural Resources District, Cedar County, and the City of Yankton. The total cost of construction was \$235,000 for the 6,200 foot trail section of recycled crushed concrete with an asphalt armor coat and fog seal to create a hardened surface. The cost of crushed concrete was about half the cost of paved concrete and provides a pleasant surface for walking and biking.

The trail winds through a wooded area along the bank of the Missouri River and offers an inviting opportunity for bird watching as well as other wildlife. Plans are being proposed by the US Army Corps of Engineers to eventually extend the west end of the trail to the dam area and Visitors Center. The Lewis and Clark NRD has agreed to extend the east end as Phase 2 east from Murdo's on the condition the trail will be built in the highway right of way.

Wau-Col Regional Water System *(continued)*

rural users located adjacent to these communities. The Lower Elkhorn Natural Resources District took over administration of the rural regional water system in 2012.

Financing of close to \$2.4 million allowed construction of the system encompassing five rural communities. The scope of the project included the development of a new water source for the communities of Magnet, McLean, Belden and approximately 15 rural users. The new system consists of two water sources and transmissions systems. One water source is provided by the Village of Coleridge and supplies water to Belden. The second water source, provided by the Village of Wausa, will supply water to Magnet and McLean, and rural users. The Village of Wausa's water source also included the development of a new water storage tank, which not only serves the rural water system, but also serves the Village of Wausa. The regional water system will allow these communities to bring their water systems back into compliance with the Safe Drinking Water Act.

Wausa Water Tower, constructed for the Wau-Col Regional Water System



Operating and Maintaining Flood and Erosion Control Structures

The **Aowa Creek Project** is a flood and erosion control project designed to protect the village of Ponca and 55,350 acres in Dixon County. There have been 50 dams constructed as part of the project.

Two of these structures are multi-purpose recreational sites; **Buckskin Hills** and **Powder Creek**, offer hunting, fishing and boating that can satisfy the needs of someone looking to get away for the day or the avid outdoors person looking for an excellent hunting and fishing location.



Powder Creek

The structures control 85% of the drainage on Aowa Creek. The cost to implement the flood control project was funded by NRCS and local funding. The annual flood control benefit of the project is 1.2 times the cost of construction.

More LCNRD Facts

- 50 Flood Control and Grade Stabilization Structures
- In 2012 alone 27,000 trees sold and 26 miles of weed barrier installed
- \$100,000 in cost-share distributed to landowners and communities in fiscal year 2011-2012

Education

The LCNRD is dedicated to protecting the future of our natural resources by providing natural resource information to adults and youth. We sponsor or partner with the following events:

- Aquafest
- Wonderful World of Water
- Land and Range Judging Contest
- Nitrogen Management Training

Nebraska's Natural Resources Districts are local government entities with broad responsibilities to protect our natural resources.

NRDs help Nebraskans respond to natural resources challenges with local control and local solutions. Major Nebraska river basins form the boundaries of the 23 NRDs which are governed by locally elected boards of directors.

Lewis & Clark NRD is governed by an 11-member board of directors who are elected by voters within the district. The board sets policy for the district and then works with the staff to carry out the District's goals.

The Lewis & Clark staff works cooperatively with other local, state and federal groups to promote stewardship of natural resources in the district.

Find out more about Nebraska's NRDs at www.nrdnet.org or www.lcnrd.org