



Shell Creek Watershed Cost-Share Programs for Home Owners



The Shell Creek flows 110 miles through 5 different counties in Nebraska, and drains nearly 305,000 acres of surrounding farmland.

Local conservation management practices are key in improving the water quality in the Shell Creek Watershed.

240+ producers have participated in conservation efforts in the watershed.

340+ conservation management practices have been implemented.

MORE INFORMATION

For more information, please contact us:

Lower Platte North
 Natural Resources District
 511 Commercial Park Road, PO Box 126
 Wahoo, NE 68066
 (402) 443-4675
 lpnnrd@lpnnrd.org

Connect with us
 Subscribe to the Viaduct: www.lpnnrd.org
 Follow Us: facebook.com/lpnnrd | x.com/LPNNRD



The Shell Creek Watershed Improvement Group (SCWIG) was established in 1999 as a locally-led cadre of producers, residents, non-governmental organizations, as well as, state and federal agencies with the purpose of addressing the multi-faceted impairments of Shell Creek. The watershed experienced numerous damaging flood events and had multiple water quality concerns, including *E. coli* and atrazine impairments.

Over the past 25 years SCWIG, and its partners, have implemented over \$3.7 million in conservation practices to enhance water quality and mitigate flood damage.

Grant Funds Available

SCWIG has secured grant funding from the Nebraska Department of Environment and Energy (NDEE) and the Nebraska Environmental Trust (NET) to assist with implementing water quality beneficial practices including livestock practices, row crop practices, structural practices, and homeowner practices.

Several of the more common homeowner practices are further described.

Contact Lower Platte North Natural Resources District at 402-443-4675 for eligibility and additional information.



Well Decommissioning

Abandoned wells are a safety concern and a potential conduit for pollutants to directly enter the aquifer. Cost-share of up to 100% is available throughout the entire watershed.



Irrigation Management

Irrigation management is the process for determining and controlling the volume, frequency, and application rate of a homeowner's irrigated water in a planned, efficient manner. A residential irrigation sensor rebate is available for residents within the Shell Creek watershed (including small areas outside of LPNRRD). Rebate is good for one sensor up to \$100 not to exceed the cost of the sensor.



Low Impact Landscaping

Landscaping with an ecologically-sensitive design approach that mimics the way natural areas store and infiltrate rainwater. This approach protects local and regional water quality by decentralizing storm water management and absorbing rainfall throughout the landscape. Publicly visible demonstration sites are being targeted for up to 75% cost-share.

Rain Garden

The design and construction of rain or bioretention gardens capture stormwater runoff during a precipitation event. Stormwater is usually held in the soil root zone until water and nutrients can be actively utilized by specific vegetation. This helps reduce up to 70% of *E. coli* and nutrients from contributing drainage areas. Publicly visible demonstration sites are being targeted for up to 75% cost-share.



Septic System Upgrade

Septic systems can be a direct source for *E. coli*, and other potential pathogens, to negatively impact water quality. Old septic systems with open discharges, or installed before 2001, are eligible for up to 60% cost-share. Contact Lower Platte North NRD for eligibility questions.