

# Vilas County 2021 Healthy Lakes Projects

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**Grant Number:** LPT68221

**Grant Sponsor:** Vilas County

**Were all projects completed as proposed?**

Yes                       No

**If no, explain the reasons for the change:** Please refer to scope amendment for the swapping of the Coventry project with the Rogers project. The Von Kluck family had decided to not move ahead with their rain garden this year, but this decision was made in November 2021. The rain garden was to be put in with a diversion funded through the DATCP Cost Share program, but the family became hesitant to install both at the same time. There was not enough time to get another landowner's project installed in their place.

**Make sure you have completed the following requirements and keep them for your records, 10 years:**

- A signed 10-year contract with each land owner
- Design specifications and location of each best practice

**Optional: Tell us your story. We'd love to hear what worked, what didn't work, unique fish and wildlife observation, and your specific suggestions how we can improve Healthy Lakes & Rivers.**

The Rogers family was concerned about rain water running off their roof. The landscape was such that the stormwater would rush down their property – some settling in a low spot about 75 ft feet from their home, but some would hit their neighbor to the south's blacktop driveway and make it straight to the lake. They were also concerned about shoreline erosion, and the amount of geese attracted to their property. They installed a 60 ft earthen and rock diversion near their home in an effort to keep stormwater away from the neighboring property to the south, moving the water into the low spot about 75 ft from their home. The diversion is phase one of a larger effort to help them with stormwater and shoreline protection. They also started planting native plants on their shoreline, will be removing a rock wall in the buffer zone after plants are established, and are now committed to not mowing in the shoreland buffer zone.

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Complete one per property owner.

**Property Owner Name: Daniel and Coureen Rogers**

**Check the box for completed practice(s) and complete the required data deliverables**

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**Fish Sticks:** Insert total number of completed fish sticks.

Number of Fish Sticks clusters installed: Number.

Total Number of trees: Number.

**Native Planting:** Insert total number of native plantings.

**Choose type of planting**

Surface Area: Number.

Length of lakeshore restored: Number.

**Rain Garden:** Insert total number of rain gardens.

Dimensions: Number.

Drainage Area Captured: Number.

**Diversion (Transitional or Upland): 1**

Drainage Area Diverted: 2,443 sq. ft.

Drainage Area Captured: 2,443 sq. ft. If uncertain: Choose an item.

**Rock Infiltration:** Insert total number of rock infiltrations.

Dimensions: Number.

Drainage Area Captured: Number.

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## **Helpful Photo Tips**

Take photos from the same vantage point, at a similar time of day, with the sun at your back, if possible, and at the landscape scale. Avoid taking pictures at high noon. Photos provided may be used for promotional materials, Healthy Lakes & Rivers website ([healthylakeswi.com](http://healthylakeswi.com)), and other outreach.

## **Before Pictures (at least 1)**



Photo 1: June 24, 2021. The Rogers property sheds water to the neighboring property.



Photo 2: From the neighboring property, the runoff is forming gullies on its way to the lake.

## **After Pictures (at least 1)**



Photo 7: Sep 16, 2021. An earth and rock diversion was intalled.



Photo 8: Sep 16, 2021. Straw mats and grass seed were installed to minimize erosion.



Photo 9: Sep 16, 2021. Owners continue to work with Land & Water to establish shoreland vegetation.