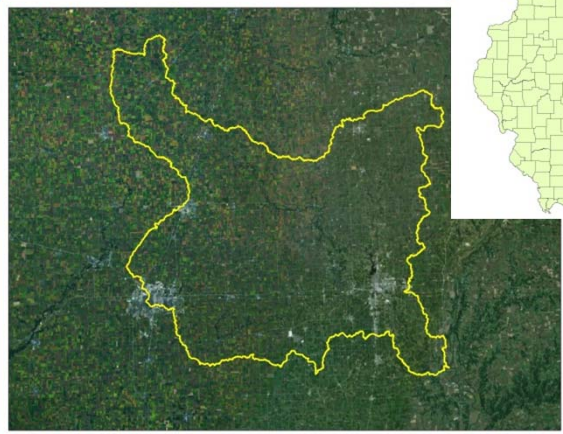


# Hegeler Zinc Danville Mussel Reintroduction Effort

## Restoration Update

January 2014



A Restoration Notice (RN) describing the terms of the Natural Resource Damage Assessment settlement and the State Trustees approach to restoration with focus on the State's support and assistance with a proposed mussel reintroduction effort is available at <http://www.dnr.illinois.gov/programs/NRDA/Pages/HegelerZincDanville.aspx>.

## 2013 Summer Activities

In August 2013, INHS researchers collected 1,000 mussels (750 Clubshell & 250 Northern Riffleshell) from a planned construction site in Pennsylvania and brought them to Illinois to be tagged and released at sites in the Vermilion River Watershed between August 30th and September 2nd.

Divers collected mussels from the Alleghany River.



The mussels were transported to IL and held in quarantine in the University of Illinois' research ponds.



Number and transponder tags were glued to the mussels.

Photos taken by INHS, USFWS, and IDNR staff



The mussels were released to the Salt Fork and Middle Fork of the Vermilion River. Monitoring efforts are underway to track their survival.

## What's Happening Next

Planning for a 2014 translocation effort.

Researching and exploring other reintroduction methods such as augmentation through juvenile propagation or streamside inoculations.

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