



Rusty Crayfish Sampling at Five Rivers Environmental Education Center (2019)

Prepared by Chelsea Moore, Environmental Educator Assistant for Five Rivers Environmental Education Center

This survey was performed with 6 staff members from Five Rivers Environmental Education Center, 1 staff member from Capital Mohawk PRISM, and 1 staff member from the Department of Environmental Conservation.

Type of Work Performed: Identification and removal of Rusty Crayfish (*Orconectes rusticus*)

Date: October 8, 2019

Address: 56 Game Farm Rd. Delmar, NY 12054

County: Albany

Latitude and Longitude: 42.608676°N, 73.889757°W

Website: <https://www.dec.ny.gov/education/1835.html>

Lead Contact Information for Project: Gina Jack, Nancy Conway, Liz Wagner

Site Owner Contact Information: Five Rivers Environmental Education Center

Project Description:

Identification of *O. rusticus* in the Vlomankill.

8 person crew removed ~30 *O. rusticus*

Captured one native species (unidentified)

Invasive Species Present at (SITE NAME): Five Rivers - Vlomankill

Common Name	Scientific Name	Locations (GPS)	Growth Type	Phenology	Distribution/ Abundance
Rusty Crayfish	<i>Orconectes rusticus</i>	Vlomankill			



Capital Mohawk PRISM Strongly Recommends Uploading Points into <https://www.imapinvasives.org/>



Figure 1. Rusty Crayfish – two individuals



Figure 2. Native species – only individual found



Summary of Work Completed:

1. Identification
2. Removal of ~30 *Orconectes rusticus*

Recommendations for the Future:

Crayfish hitch every year to remove invasive rusty crayfish. Focus on stream sites where the presence of macroinvertebrates is necessary for stream lessons.

“Five Rivers IS Surveying Project” on iMapInvasives

The screenshot shows a 'Presence Record' for a Rusty Crayfish. It includes a map of the location, a data table, and a photo gallery. The data table lists the following information:

Presence #	1033270
Date	10/8/2019
Observer	Chelsea Moore - 15719
Time Searched	1h 30m
Species Found	Rusty Crayfish

Below the data table, there are two photos of the present species, *Orconectes rusticus*. The first photo shows a person holding a crayfish, and the second photo shows a close-up of a crayfish. A comment below the photos reads: "There were 8 collectors on the stream for 1.5hrs. We captured as many crayfish as we could and ended".

On the right side of the record, there are status indicators: Unconfirmed, Not Confidential, and Suspicious Distance. Below these are reference links and a reference photo of a crayfish from the USGS.