

PPQ Deputy's Safeguarding Award Submission Form

1. Name, Address, Organization and Job Title, and Phone Number of Nominee (if a group is being submitted, provide the contact information for the entire group)

Brian Sullivan, Plant Health Safeguarding Specialist (Group Leader)

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David Dehn, Jr., Plant Health Safeguarding Specialist (*contact information same as above*)

James Manor, Pest Survey Specialist (*contact information same as above*)

David McKay, State Plant Health Director (*contact information same as above*)

2. Describe the action that enhanced safeguarding.

After surveys of Detroit rail yards resulted in new detections, since 2002, this group has launched a sustained effort to eradicate populations of four exotic snail species (*Hygromia cinctella*, *Monacha cartusiana*, *Xerolenta obvia*, and *Candidula intersecta*) from 6 different rail yards in the metro area.

3. How did the action enhance safeguarding?

The proactive actions the group was taken eliminate pathways for these pest species to disperse further to inland points where they may have become pests in agriculture, urban environments, or affecting natural plant resource areas.

4. How does it demonstrate innovation or initiative?

With little guidance from existing procedures or policies, the group has maintained a program over several years wherein they successfully gained the cooperation of rail yard operators and other property owners to get them to undertake significant habitat modification activities, clean-up of problem areas, and conduct on-going mollusk control activities. They have done extensive analysis of risk areas, developed new methods, identified costs, and conducted appropriate analysis to produce their own environmental documentation for each project area.

5. Which of the four areas of the Safeguarding Review does the activity support? Check one:

- Gathering and use of international information about pests/pathways
- Exclusion
- Pest Detection and Response
- Permits (managing the movement of pests through permit systems)

6. What recommendation or safeguarding principle does the action support? Cite a specific recommendation from the review or the principle reflected in a recommendation or series of recommendations.

Pest pathway elimination is the overall safeguarding principle this group is demonstrating. These mollusk species are likely European in origin, but probably came on containers through Canada, which are not inspected at the rate they are at other ports. The mitigations undertaken in Detroit go most closely with Safeguarding Review recommendation E-25.

7. Provide any information that demonstrates the outcome/success of the activity.

With a well documented program including methodologies, maps, and measures, they have eradicated two species and are well on their way to successfully eliminating the other two in the next year.

Attachments: Summary of Exotic Snail Sites in Wayne County, Michigan
Example of Plan for One Railyard (Excel Freight Forwarder)
Categorical Exclusion Template developed by Jim Manor