




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🌐 Disposal of Samples from Water Bodies with Zebra Mussels

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1 Works for me

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ABSTRACT

Zebra Mussels (*Dreissena polymorpha*) are a highly invasive species that have been invading water bodies around the United States and beyond. This protocol for sample disposal for sample collected from know zebra mussel infested water bodies to prevent spread though local water treatment facilities by bleaching the samples to kill any larvae or other potential zebra mussels in the sample water.

PROTOCOL CITATION

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MATERIALS TEXT

Bleach (10% Sodium Hypochlorite)
Dishwashing bin to add sample water and bleach

SAFETY WARNINGS

Do not mix acids and bleach. This will create chlorine gas.

Wear gloves and a lab coat while performing this protocol.

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Sample Killing

4h 5m

- 1 Pour all sample water into a dish pan.

Save the bottles for acid washing (do not bleach as acid and bleach produce chlorine gas).

2

3 Add 50 mL of bleach per 1 L of sample water.

4 Let the bleached sample sit for a minimum of four hours if not until the next day.

4h

Sample Disposal

5 Dispose of bleached sample down drain with excess water.

6 Save bin for future sample disposal or bleach work.