AUG 19, 2019

OPEN ACCESS

DOI:
dx.doi.org/10.17504/protocols.io.6cyhaxw

Protocol Citation: Steven W Wilhelm, Gary Lecleir 2019. Biohazard Garbage Protocol: Autoclave Biohazard Waste. **protocols.io**
<https://dx.doi.org/10.17504/protocols.io.6cyhaxw>

License: This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working
We use this protocol and it's working

Created: Aug 10, 2019

Last Modified: Aug 19, 2019

PROTOCOL integer ID:
26744

Keywords: Autoclave, biohazard garbage, biohazard waste

Biohazard Garbage Protocol: Autoclave Biohazard Waste

In 1 collection

Steven W Wilhelm¹, Gary Lecleir¹

¹The University of Tennessee, Knoxville

The Aquatic Microbial Ecology Research Group - AMERG (The Buchan, Zinser and Wilhelm labs)

Ashley A Humphrey
University of Tennessee, Knoxville

ATTACHMENTS

[Biohazard_Garbage_Protocol_GRL_9_2016 \(1\).pdf](#)

SAFETY WARNINGS

Follow autoclave safety precautions.

BEFORE START INSTRUCTIONS

See Gary LeCleur for proper autoclave training before operating.

- 1 Locate Biohazard garbage.
- 2 If the waste container is $> \frac{3}{4}$ full, then it needs to be processed for autoclaving.
- 3 Autoclave the processed waste on **gravity cycle**.
- 4 Instructions on cycle times based on the amount of trash you are autoclaving are on the autoclave.
- 5 Step 5 includes a Step case.
non-sharps
sharps

step case

non-sharps

- 6 Transfer bag into a wide autoclavable tray.

Note

Tray will have PP on bottom. Don't use HDPE! It will **MELT**!

- 7 Pour 100 mL di water into bag containing trash.

8 Pour 100 mL di water into tray.

Note

Between the container and the bag.

9 Close bag loosely put a strip of autoclave tape on bag.

10 Write “Wilhelm” on the autoclave tape.

11 After autoclaved waste has cooled, put the autoclaved waste into designated trash bin next to autoclave.