



Northeastern University

Ocean Genome Legacy Center

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MSC Community LN2 Access Policy

OGL maintains liquid nitrogen (LN2) tanks at all times and can provide LN2 to the MSC community on a limited basis. We have updated our policy to provide LN2 to the community while protecting our collection during COVID-19; the following guidelines apply:

1. Before receiving LN2 from OGL, all users must complete all required online trainings through NU EHS BioRAFT. This includes all lab members who will handle LN2 or cryogenically frozen samples, not just the person who dispenses the LN2.
 - a. [Cryogenic Liquids and High Magnetic Fields Safety Training](#).
 - b. In person training with Rosie Falco (or other OGL staff member designated by Rosie).
 - i. Due to social distancing and NU's remote work policy, we cannot train additional MSC personnel to dispense LN2 at this time. If no one in your lab has been trained to dispense LN2, OGL staff will dispense it for you.
2. OGL distributes LN2 to the MSC community by request in increments of 5 liters.
3. LN2 requests should be made at least 2 days in advance. For large requests (> 10 L), please provide notice 5 working days in advance so that LN2 can be ordered and delivered.
4. To request and dispense LN2:
 - a. Contact Rosie Falco (r.falco@northeastern.edu) and Hannah Appiah-Madson (h.appiah-madson@northeastern.edu) at least 2 days before you want LN2.
 - b. Once your request has been approved, you are cleared to dispense LN2. Please text Rosie (781-254-4927) and Hannah (314-580-3353) 15 minutes before dispensing LN2 so that they can be prepared to respond in the event of problems.
 - c. Dispensing LN2
 - i. Only dispense LN2 from the tank that is attached to the LN2 freezer, NEVER from the back-up tank.
 - ii. If the tank attached is empty or you use the remaining LN2, please contact Rosie and Hannah immediately.
 - d. **One hour after you dispense LN2, reattach the hose from the LN2 freezer to the tank and open the tank.** Press "start fill" and wait to make sure the connection is good (i.e. LN2 is not leaking). Text a picture of the reattached tank hose to Rosie and Hannah to confirm proper reattachment.
5. OGL monitors all LN2 use. Individual labs will be asked to purchase a replacement tank for the community after the lab's 5th 5-liter increment.