

Commercial Facility

**University of Vermont
University Heights Student Residential
Learning Complex
Burlington, VT**

Profile

- “Green” learning and residential center
- Incorporated within the complex:
 - Classrooms
 - Student lounge
 - Student center and mailroom
 - Faculty offices
- Building employs various green technologies including use of composting toilets, a heat recovery wheel and maximum utilization of solar exposure

Challenge

- Protect the environment
- Educate students and visitors
- Save fresh water and minimize wastewater discharge
- Incorporate system into educational curriculum

Solution

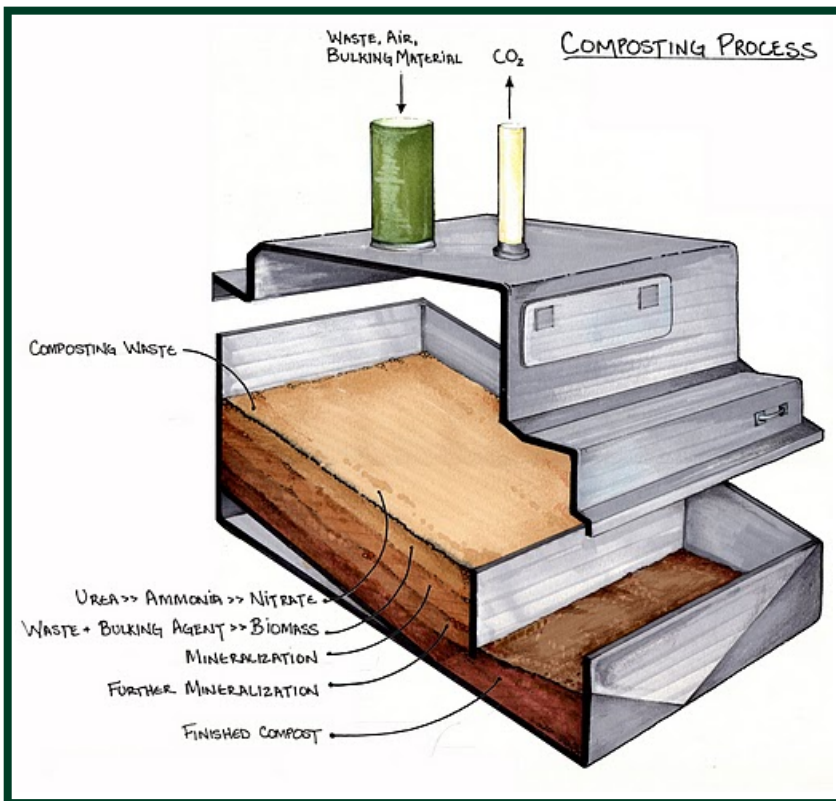
- Installed Clivus composter in location visible and accessible to all visitors
- Installed Nepon 3-ounce foam-flush toilets
- Reduced water usage
- Reduced wastewater discharge
- Educational seminar with Clivus staff, students and faculty each semester
- Enlisted the engineering firm of *Ove Arup & Partners* from Cambridge, MA

**Awarded LEED
Gold Certification**





All Clivus systems are NSF Standard 41 Tested and Certified



Composting takes place in all soils which support plant and animal life. The Clivus systems employ the same process in the controlled environment of the composting chamber. As waste breaks down in the composter a less chemically complex, more chemically stable substance rich in organic matter and very similar to soil is produced. Human waste consisting mostly of water is reduced by over 90%. Byproducts of the composting process are water vapor and CO₂ and are released harmlessly into the atmosphere through the ventilation system.

