

Nils Hasselmo Hall – Stairwell pressurization fan



This fan pressurizes the stairwell with unconditioned air from the outside in the event of a fire to allow a smoke free evacuation route.



Location of pipe crack

Sequence of events

- Stairwell pressurization fan on 5:30 pm Sunday
- Off by 9:30 pm Sunday
- BSAC reports a water flow alarm approx. midnight
- Pipe cracked then leaked when water in line froze and then melted
- Area has no floor drains
- Water stopped at approx. 2am.



Wet insulation in water damaged wall 48 hours after flood.



Mold growth less than 60 hours post flood



Microscopic photo of *Aspergillus spp.* growing on wall board (400x)