

MEETING NOTES

Meeting Date : February 4, 2009 Project : UO Lewis Integrative Science Building
Author : Regina Filipowicz Job No. : THA Project 0810
Re : EH+S Meeting

Present:

User Group Members

Kay Coots - EH+S
Steve Stuckmeyer - EH+S

UO Campus Planning

Fred Tepfer
Emily Eng

Consultants

Chuck Cassell - HDR, lab planning principal
Regina Filipowicz - HDR, lab planner
Becca Cavell - THA project manager
Laurie Canup - THA project architect

Summary Notes

- 1.1 Becca described the LISB project for Kay and Steve.
- 1.1 Kay and Steve indicated that even with three control areas in the building it would not be possible to fill all the chemicals in the inventory in the building.
- 1.2 The Material/physical group (heavy chemical users) take half the wet lab modules in the building.
- 1.3 Most buildings on campus are hard put to be in compliance and that most chemists cannot function with a drastically reduced number of chemicals.
- 1.4 It was requested that, if possible, to keep Mat/Phy labs lower in the building which increases the amount of chemicals that can be housed in the labs.
- 1.5 Currently UO has a manual chemical inventory process. There is a desire to move to computer 'bar coded' system, but this is not likely for some time.
- 1.6 There is an aspiration to move chemical inventory process to central receiving where chemical inventory can be tracked.
- 1.7 It was noted there is a need for central receiving for entire campus which would encompass the following:
 - Receiving/Office Area
 - Gas cylinder storage closet type area (separated by type of gas – flammables, toxics, oxidizers, explosives)
 - Secure storage
 - Waste storage
 - Limited dispensing – (1) 6'X8' space
 - Long-term flammable cylinder storage
 - Loading dock for shipping
- 1.2 Currently chemical waste is collected by EH+S from various labs and stored in 55 gallon drums.
- 1.3 Yellow and Red bag waste is also collected by EH+S staff which is then pick-up by outside contractor.
- 1.4 Chemical Management plan is done by EH+S.
- 1.5 Currently there are three chemical libraries on campus (2) in Onyx Bridge and (1) in Klamath Hall; they are each roughly 200 SF.

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- 1.6 There are both vented and non-vented chemical storage cabinets on campus; it was noted by design team that if the flammable cabinets are exhausted they must also be supplied.
- 1.7 Design Team to plan infrastructure for lab acid neutralization system in building, but not to implement it.
- 1.8 EH+S would rather perform the chemical neutralization.
- 1.9 Can we connect to existing neutralization tank? Capacity? A few neutralization tanks are installed on campus, but none are monitored.
- 1.10 City of Eugene monitors UO waste stream.
- 1.11 There is a Radiation Safety Officer on campus that monitors laser safety; design team to engage this individual in regards to lasers in Mat/Phy labs.
- 1.12 Currently there is no plan for lighting occupancy sensors in labs.
- 1.13 Floor drains are required at safety showers.
- 1.14 Tempered water is required at safety showers, eyewashes and combination eyewash/drench hoses.
- 1.15 University likes idea of recessed fold-down eyewashes – clean looking.
- 1.16 Regina recommended a safety shower be located in each of the handicapped stall of the men's and women's bathrooms in which an injured person could strip off all clothes with privacy for further treatment after primary treatment in labs.
- 1.17 UO does not have design guidelines for air exchange rates – 6-10 AC/hr is typical with adjustments based upon lab type i.e. equipment labs 10-15 AC/hr.

END OF NOTES

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