

Project Management Check Sheet Environmental Health & Safety (EH&S) Issues

This check sheet is provided to assist UCSC project managers in determining when to contact EH&S for consultation to ensure health, safety and regulatory obligations are met. Appropriate notification by Project Managers to EH&S and building occupants can be critical to the success of the overall project. In many cases, EH&S involvement in these areas requires time to conduct the necessary follow up. This list is not all-inclusive, so when in doubt, contact EH&S.

EH&S Program Areas and Contacts:

Industrial Hygiene Services (Asbestos, Lead, Laboratory Safety, Treated Lumber, manifest signing and work activities that may impact building occupants such as Indoor Air Quality/Odors, Noise, and Ventilation)

Brent Cooley	bcooley@ucsc.edu	office 459-5394	cell 212-2553
Thomas Lee	thljee@ucsc.edu	office 459-3915	cell 212-0485

- Asbestos disturbance and removal (sheetrock walls, floor tiles, pipe insulation, mastics, cementitious pipes, "popcorn" ceilings, roofing materials, linoleum flooring)
- Lead Based Paint disturbance and removal (re-painting preparation, scraping, demolition)
- Coordination of manifest signing (establish a protocol early)
- Generation of Odors (solvent use, mastic removers, asphalt roofing projects, dusty operations, carpet glues, new building materials installed indoors, landscape fertilizer application)
- Generation of loud noise levels, vibrations (heavy equipment use in or near buildings, cement cutting, jack hammering)
- Alteration of existing ventilation distribution systems (fume hoods, general building ventilation, room alterations) or installation of dedicated exhaust systems (snorkels or slot hoods or fume hoods) at work stations where contaminants are generated (also contact Dan)
- Work in areas of hazardous chemicals storage or use (laboratories, shops)
- Proposed use of chemically treated lumber for decking, handrails
- Interruption or major alteration of basic building services (disconnection of ventilation, heat, sewer, water)

Hazardous Waste Disposal (Waste Classifications for manifests)

April Casper	aprilc@ucsc.edu	office 459-3086	cell 212-0487
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- Hazardous materials removal or disposal (PCB contaminated electrical equipment, light ballasts, fluorescent bulbs, mercury-containing switches, hydraulic oils, and chemically treated wood)

Environmental Programs (Storm Water, Wastewater, Generators, Refrigerants, Pesticides, Air Permits)

Dan Blunk blunk@ucsc.edu office 459-3541 cell 212-3541

- Alteration of existing ventilation distribution systems (fume hoods, general building ventilation, room alterations) or installation of dedicated exhaust systems (snorkels or slot hoods or fume hoods) at work stations where contaminants are generated (also contact Brent or Thomas)
- Alteration or installation of emergency generators, boilers > 2 million BTU input, or other combustion equipment
- Disturbance of 1 acre or more of land (including staging areas)
- Installation of a storm drain that could collect contaminated storm water (parking lot / loading dock)
- Waste water connection work in a dining or food facility
- Installation or removal of refrigeration equipment normally holding 50 lbs or more of refrigerant
- Pesticide use – first contact Gary Cunningham (459-2252) of Physical Plant Grounds (applications or fumigations, Vikane)

General Safety (Confined Spaces, Fall Protection, Food Facilities, Pool Sanitation, Ergonomics)

Kitty Woldow kittyw@ucsc.edu office 459-1448 cell 212-0486

- Confined space entry (permitted spaces, hot work within confined spaces – welding and torch cutting in trenches, tunnels, pipes, ditches, holes)
- Work at heights over 10 feet above a lower level (where no railing, parapet, or existing anchor point provides fall protection to exposed employees)
- Installation, alteration or replacement of equipment, services, or structures in a kitchen or dining facility
- Installation, alteration or replacement of pools, spas, or recreational water features
- Interruption or major alteration of building sanitation services (disconnection of sewer or water)
- Trench and excavation where work must be done more than 4 feet underground in open holes
- Design, installation, or alteration of workstations for repetitive motion tasks (computer desks, reception counters, dishwashing and material handling areas, etc.)

Radiation Safety (Radiographers, X-ray use, Soil density gauges)

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Gene Forrer efforrer@ucsc.edu office 459-3542 cell 212-0482

- Work in areas of hazardous chemicals or radioactive materials storage or use (laboratories, shops)
- Radiographer use (pipe or floor x-rays, soil moisture or density measurements)