

CHEM LAB – Lecture Example

ASPECTS	IMPACTS
Safe storage/handling of chemicals in Stock Room	Use of Natural Resources
Use of chemicals (Experiments)	Depletion of Raw Materials
Use of chemicals (Clean Equipment)	Depletion of Raw Materials
Generation of Waste (Haz) – off-site	Waste Disposal
Generation of Waste (Non-Haz) – off-site	Waste Disposal; Cont. of Land & Ground Water
Accidental Spills – Prep Room	Cont. of Land & Ground Water; Cont. of Surface Water Air Emissions
Accidental Spills – Students	Cont. of Land & Water
Air Emissions – Off Gassing (Hoods)/Burners/Cabinets	AQ reduction
Expired Chemicals	Waste Disposal; Raw Material Usage
Broken glass -	Waste Disposal; Use of Resources
Discharge to drain Waste (on-site -> POTW)	Waste Disposal; Water Contamination
Shipping/Receiving Waste Generation	Waste Disposal
Energy (Hoods – Conditioned Air), (Rooms – Conditioned Air), and (Equipment – Labs)	Air Emissions, Energy Usage
Lab/Stockroom Universal Waste generation of batteries, E-waste, and bulbs.	Waste Disposal
Biological Wastes/Ped Bag (Biochem)	Waste Disposal