

Job Safety Analysis		
Job Description: Hazardous Waste Cleanup Site Investigation, Assessment Field Work Oversight, Remedial Action Oversight Activities, Site Evaluation and Reconnaissance		
Division/District/Bureau/Section: DWM/BWC/Hazardous Waste Cleanup		Approved By and Date: February 2006
Recommended PPE: Hard hat, protective eyewear, steel-toed/shank construction boots, steel-toed/shank chemical resistant boots, ear plugs, protective outerwear, heavy duty gloves and nitrile or latex gloves, dust mask		
Sequence of Basic Job Steps	Potential Accidents or Hazards*	Recommended Safe Job Procedures
Prepare for site visit. Identify site/activity PPE needs; Check contents of PPE equipment bag for complete inventory.	Not Applicable	Obtain and review site HASP from contractor; familiarize self w/site prior to visit; know contaminants of concern and properties, locations of suspected contaminant areas. Have proper training completed, and identify appropriate PPE needs. Provide itinerary to supervisor, or periodically check in w/office. MAP LOCATION OF NEAREST EMERGENCY MEDICAL FACILITY EQUIPPED TO HANDLE CHEMICAL EXPOSURES!
Proceed to vehicle/Travel to & from site	(E) Noise from aircraft (when flying) (SB) Moving vehicles on road or in parking areas (SB) Traffic hazards	Wear earplugs. Be attentive when crossing traffic and walking within parking areas. Map route to site; have area map available; follow defensive driving practices. If using State vehicle: Perform quick vehicle inspection for obvious items such as tire inflation, wind shield wipers, sufficient gas to get to destination, observe State guidelines for use of a State vehicle: make certain procedures regarding accidents, injuries, vehicular break downs or roadside emergencies are available in vehicle.
Initial site arrival - Assess site conditions Be aware of site security Walk about site	(E) Weather conditions (SB) Traffic Dangerous surroundings (BIO) Animals (dogs), snakes, stinging insects (CW) Chemical release areas (E) Vapors	a. Heat - know signs of heat stroke, have fluids available at site. b. Sun - keep body protected, wear sunscreen when not sampling, wide brimmed hat or hardhat. c. Inclement conditions - seek covered, secure shelter. d. Extreme cold - layered clothing, gloves, hat, etc. Be alert, attempt to secure area from through traffic. Do not enter site unless accompanied by another person. Identify areas where bio hazards may lurk, plan escape route in advance. Wear site/activity appropriate PPE. Be familiar w/site plan, ID areas of contamination. Survey site for areas of discoloration, puddles, dead or stressed vegetation; Stay reasonably clear of such areas. Identify escape route, position self upwind, evacuate immediately if/when strong odors or irritation noted.
Oversight during drilling or construction operations	(SB) heavy equipment operation, drilling rigs (augers, piping, drill bits, chains) (CW) Dirt, dust, debris (E) Vapors, liquids	Maintain safe distance from equipment, wear site/activity appropriate PPE. Understand basic operation of drill rig. Wear protective clothing and site/activity appropriate PPE, may require dust mask. Identify escape route, position self upwind, evacuate immediately if/when strong odors or irritation noted.
Sampling oversight	(CW) Vapors, liquids	Identify escape route, position self upwind, evacuate immediately if/when strong odors or irritation noted.
IDW pickup oversight	(CW) Liquids (CBT) Drums; crushed fingers and toes	Wear appropriate site/activity PPE. Do not handle drums, keep safe distance from contractor operations.
Site exit	(CW) Contaminated vehicle	Booties, tyvek, latex gloves should be disposed on-site. Remove boots and soiled clothing for secure storage in trunk; decontaminate as soon as possible. Wash hands promptly. Update exposure log.
Return to office/home	(SB) Traffic hazards	FOLLOW "TRAVEL TO SITE" PROCEDURES

*Codes for Potential Hazards:

(BIO) Biological	(CO) Caught On	(FS) Fall - Same Level
(CB) Contacted By	(CW) Contact With	(OE) Overexertion
(CBT) Caught Between	(E) Exposure	(SA) Struck Against
(CI) Caught In	(FB) Fall To Below	(SB) Struck By