

Job Safety Analysis Worksheet		Date:
Title of Job/Operation: Hazardous Waste Cleanup Site Assessment & Remedial Action: Field Work Observation, Site Evaluation & Recon		Log Number:
Employee Name and Job Title:		Analyst / Date:
Division//Bureau/Section: Hazardous Waste Cleanup		Approved By and Date:
Personal Protective Equipment Recommended or Required: 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, safety vest, dust mask.		
Sequence of Basic Job Steps	Potential Accidents or Hazards*	Recommended Safe Job Procedures
<p>Prepare for site visit</p> <p>Identify site/activity PPE needs</p> <p>Check contents of PPE equipment bag for complete inventory</p>	N/A	<p>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!</p>
<p>Proceed to vehicle/travel to and from site</p>	<p>(E) Noise from aircraft (when flying)</p> <p>(SB) Moving vehicles on road or in parking areas</p> <p>(SB) Traffic hazards</p>	<p>Wear ear plugs.</p> <p>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 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.</p>
<p>Initial site arrival:</p> <p>Assess site conditions</p> <p>Be aware of site security; secure work area</p> <p>Walk about site</p>	<p>(E) Weather conditions</p> <p>(SB) Traffic</p>	<p>Heat – know signs of heat stroke have fluids available at site, take frequent rest breaks.</p> <p>Sun – keep body protected, wear sunscreen when not sampling, wide brimmed hat or hardhat.</p> <p>Inclement conditions – seek covered, secured shelter.</p>

	<p>Irritated site owner</p> <p>Dangerous surroundings</p> <p>(BIO) Animals (dogs), snakes, stinging insects</p> <p>(CW) Chemical release areas</p> <p>(E) Vapors</p>	<p>Extreme cold – layered clothing, gloves, hat, etc.</p> <p>Be alert. Request that area be secured from through traffic.</p> <p>Be courteous and diplomatic.</p> <p>Do not enter site unless accompanied by another person.</p> <p>Be alert, identify areas where biohazards may lurk, plan escape route in advance.</p> <p>Wear site/action 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.</p> <p>Identify escape rout, position self upwind, and evacuate immediately if/when strong odors or irritation noted.</p>
<p>Observation of drilling or construction activities</p>	<p>(SB) Heavy equipment operation, drilling rigs, direct push rigs, flying debris</p> <p>(E) Loud noise</p> <p>(FB) Excavated areas (includes trenches, pits)</p> <p>(CW) Contaminated media, dust, debris</p> <p>(E) Noxious odors, chemical vapors</p> <p>(CI) Confined space</p>	<p>Maintain safe distance from equipment; wear site/activity appropriate PPE. Understand basic operation of drill rigs.</p> <p>Wear ear plugs</p> <p>Identify excavation areas; maintain safe distance from excavated area. Be alert; observe warning tape, rope, signs, fences. Do not enter any excavated area.</p> <p>Wear protective clothing, and site/activity appropriate PPE; may require dust mask.</p> <p>Identify escape route, position self upwind, evacuate immediately if/when strong odors or irritation noted.</p> <p>< DO NOT ENTER CONFINED SPACE ></p>
<p>Sampling observation</p>	<p>(CW) Contaminated media,</p>	<p>Identify escape route, position self</p>

	vapors	upwind, evacuate immediately if/when strong odors or irritation noted; wear site/activity appropriate PPE.
IDW pickup observation	(CW) Contaminated media (CBT) Drums; crushed fingers and toes	Wear site/activity appropriate PPE. Do not handle drums; keep safe distance from contractor operations.
Site exit	(CW) Contaminated vehicle	Wash hands promptly. Contaminated PPE (booties, tyvek, and latex gloves) should be disposed on-site. Remove boots and soiled clothing for secure storage in trunk; decontaminate as soon as possible. Update exposure log.
Return home or drive to next site	(SB) Traffic hazards	FOLLOW "TRAVEL TO/FROM SITE" PROCEDURES.

*Codes for Potential Hazards:

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