Job Safety Analysis Worksheet	Date:
Title of Job/Operation: Environmental Sampling	Log Number:
Employee Name and Job Title:	Analyst/ Date:
Division/Bureau/Section: Site Investigation	Approved By/ 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, safety cones, tape or warning signs.

Sequence of Basic Job Steps	Potential Accidents or Hazards	Recommended Safe Job Procedures
Prepare for site visit	N/A	Obtain and review site HASP from
		contractor; familiarize self w/site
Identify site/activity PPE		prior to visit; know contaminants of
needs;		concern and properties, locations of
Check contents of PPE		suspected contaminant areas. Have
equipment bag for complete		proper training completed, and
inventory.		identify appropriate PPE needs.
		Provide itinerary to supervisor, or
		periodically check in w/office. MAP LOCATION OF NEAREST
		LOCATION OF NEAREST EMERGENCY MEDICAL
		FACILITY EQUIPPED TO
		HANDLE CHEMICAL
		EXPOSURES!
Carry and load sample	(FS) Trip/fall	Use a handcart; use the elevator;
coolers and other equipment.	(1 %) 111p/1411	employ proper ergonomics; get help
are the same of th	(OE) back injury from improper	from a coworker to carry and load
	lifting	coolers and other equipment.
Proceed to vehicle/Travel to	(SB) Moving vehicles on road or in	Be attentive when crossing traffic
and from site	parking areas	and walking with parking areas.
		Map route to site; have area map
	(SB) Traffic hazards	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 of a State Vehicle: make certain
		procedures regarding accidents, injuries, vehicular break downs or
		roadside emergencies are available in
		vehicle.
Initial site arrival-	(E) Weather conditions	Heat- know signs of heat stroke,
	()	have fluids available at site, take
Assess site conditions		frequent rest breaks.
		Sun- keep body protected, wear
Be aware of site		sunscreen when not sampling, wide
security/Secure work area		brimmed hat or hardhat.

Walk about site		Inclement conditions- seek covered, secure shelter. Extreme cold- layered clothing, gloves, hat, etc.
	(SB) Traffic	Be alert, secure area from through traffic w/safety cones, tape and signs; wear site/activity appropriate PPE.
	Irritated site owner Dangerous surroundings	Be courteous and diplomatic. Do not enter site unless accompanied by another inspector or site
	(BIO) Animals(dogs), snakes, stinging insects	personnel. Identify areas where biohazards may
	(CW) Chemical release areas	lurk, plan escape route in advance.
	(E) Vapors	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.
		Identify escape route, position self- upwind, and evacuate immediately if/when strong odors or irritation noted.
Collecting sanitary sewer samples; Open/close manhole covers Lifting heavy objects (covers, pumps, sampling equipment, coolers, etc.)	Explosive environment	Explosive conditions require use of intrinsically safe equipment at all times. Identify escape route.
	(CBT) Covers falling on fingers and toes	Wear site/activity appropriate PPE; Use tools instead of fingers for prying off fingers.
	(OE) Muscle strain	Use proper ergonomics when lifting heavy objects; use appropriate mechanical assistance and tools when possible to pry and lift off covers.
	(E) Noxious odors, chemical vapors	Identify escape route; evacuate immediately if/when strong odors or irritation noted.
	(BIO) Noxious or stringing insects, pathological hazards	Identify areas where biohazards may lurk, plan escape route in advance; maintain tetanus booster and hepatitis series.

	(CI) Confined Spaces	Wear site/activity appropriate PPE;
	(CI) Commed Spaces	use appropriate sample equipment to
		avoid entering confined spaces- Do
		NOT ENTER CONFINED SPACE UNLESS
		PROPERLY TRAINED.
Collecting soil gas samples	(E) Encountering electric and gas	Before probing, have all utilities
	utility lines, chemical vapors	located; Identify escape route,
		position self upwind, evacuate
		immediately if/when strong odors or irritation noted.
	(E) Loud noise	irriation noted.
	(OE) Muscle and soft tissue injury	Wear site/activity appropriate PPE;
	(SB) Flying debris while probing	use proper ergonomics if driving
	(SB) Trying deems winte proenig	probes into ground by hand.
Collecting soil samples	(E) Encountering electric and gas	Have al utilities located; Identify
	utility lines, chemical vapors,	escape route, position self upwind,
	contaminated media	evacuate immediately if/when strong
	(E) I and make	odors or irritation noted; Wear
	(E) Loud noise	site/activity appropriate PPE/ wear site/activity appropriate PPE;
		site/activity appropriate PPE; monitor atmosphere with applicable
		equipment.
	(DIO) Stinging insects	equipment.
	(BIO) Stinging insects	Use caution when opening monitor
		well protective covers, watch for
	(FS) Slip/trip hazards	biting insects.
	Contract to the second	BE ALERT; position pumps and
		other sampling equipment in an
		orderly and safe fashion.
	(OE) Muscle and soft tissue injury	Use proper ergonomics when
		Use proper ergonomics when positioning and lifting pumps and
		bailers.
Icing (reicing) sample	(FS) Slip hazard	Use due care when draining water
coolers, transporting coolers	(OE)Muscle and back injury	from coolers, use proper ergonomics
and other equipment back to		when lifting and moving coolers and
laboratory		other equipment.
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.
Drive home or to next site	(SB) Traffic hazards	Update exposure log FOLLOW "TRAVEL TO SITE"
Drive nome or to next site	(SD) Harric Hazarus	PROCEDURES.
		I NOCEDUNES.

*Codes for Potential Hazards:

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