FS-6700-7 (2/98)

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U.S. Department of Agriculture Forest Service		1. WORK PROJEC	T/ACTIVITY	2. LOCATION	3. UNIT		
		Coliform Field Analysis			SDTDC		
JOB HAZARD ANALYSIS		4. NAME OF ANAL	YST.	5. JOB TITLE	6. DATE PREPARED		
References-FSH 6709.11 and -12 (Instructions on Reverse)				Hydrologic Technician	10/31/2006		
7. TASKS/PROCEDURES		ZARDS		9. ABATEMENT ACTIONS			
				eering Controls * Substitution * Administrat			
SAMPLE PROCESSING AND TRANSPORT IN FIELD	Fire (alco	hol burner)	Place alcohol burner i sterilizing equipment	nside a non-flammable container w to avoid burns.	hen lit. Dry hands prior to		
	Breakage of a	cohol container	Carry paper towels or rags to promptly clean up any spill. Dispose of broken glass in a puncture-proof container.				
	Broken glass (some culture media can come in glass ampules)  E. coli cultures		Use plastic ampules wherever possible. Use ampule-breaker to open glass ampules, and dispose of them in a puncture-proof container.  All surfaces are disinfected with bleach following use.				
	Battery sparking		Terminals should be labelled to avoid mistakes when attaching cables. Do not connect devices that are in the "On" position. Do not handle the battery when wet.				
	Incubator and sealer loose in cab		Ensure appliances are securely held in place in case of accident. If using the vehicle lighter, ensure cables are long enough to position appliances securely.				
			g	and long should be promon approx			

## JHA Instructions (References-FSH 6709.11 and .12)

The JHA shall identify the location of the work project or activity, the name of employee(s) writing the JHA, the date(s) of development, and the name of the appropriate line officer approving it. The supervisor acknowledges that employees have read and understand the contents, have received the required training, and are qualified to perform the work project or activity.

- Blocks 1, 2, 3, 4, 5, and 6: Self-explanatory.
- **Block 7:** Identify all tasks and procedures associated with the work project or activity that have potential to cause injury or illness to personnel and damage to property or material. Include emergency evacuation procedures (EEP).
- **Block 8:** Identify all known or suspect hazards associated with each respective task/procedure listed in block 7. For example:
  - a. Research past accidents/incidents
  - b. Research the Health and Safety Code, FSH 6709.11 or other appropriate literature.
  - c. Discuss the work project/activity with participants
  - d. Observe the work project/activity
  - e. A combination of the above
- **Block 9:** Identify appropriate actions to reduce or eliminate the hazards identified in block 8. Abatement measures listed below are in the order of the preferred abatement method:
  - Engineering Controls (the most desirable method of abatement).
     For example, ergonomically designed tools, equipment, and furniture.
  - b. Substitution. For example, switching to high flash point, non-toxic solvents.
  - Administrative Controls. For example, limiting exposure by reducing the work schedule; establishing appropriate procedures and practices.
  - d. PPE (least desirable method of abatement). For example, using hearing protection when working with or close to portable machines (chain saws, rock drills portable water pumps)
  - e. A combination of the above.
- Block 10: The JHA must be reviewed and approved by a line officer. Attach a copy of the JHA as justification for purchase orders when procuring PPE.
- Blocks 11 and 12: Self-explanatory.

## Emergency Evacuation Instructions (Reference FSH 6709.11)

Work supervisors and crew members are responsible for developing and discussing field emergency evacuation procedures (EEP) and alternatives in the event a person(s) becomes seriously ill or injured at the worksite.

Be prepared to provide the following information:

- a. Nature of the accident or injury (avoid using victim's name).
- b. Type of assistance needed, if any (ground, air, or water evacuation)
- Location of accident or injury, best access route into the worksite (road name/number), identifiable ground/air landmarks.
- d. Radio frequency(s).
- e. Contact person.
- f. Local hazards to ground vehicles or aviation.
- g. Weather conditions (wind speed & direction, visibility, temp).
- h. Topography.
- i. Number of person(s) to be transported
- j. Estimated weight of passengers for air/water evacuation.

The items listed above serve only as guidelines for the development of emergency evacuation procedures.

## JHA and Emergency Evacuation Procedures Acknowledgment

We, the undersigned work leader and crew members, acknowledge participation in the development of this JHA (as applicable) and accompanying emergency evacuation procedures. We have thoroughly discussed and understand the provisions of each of these documents:

SIGNATURE	DATE	SIGNATURE	DATE
Work Lead	er		
		-	
		-	