

U.S. Department of Agriculture	1. WORK PROJECT/ACTIVITY	2. LOCATION	3. UNIT
Forest Service	Garbage/Trash Pickup <i>FS Employees/Partners & Volunteers</i>	National Forests in North Carolina & Cherokee National Forest	NFsNC: Appalachian RD, Grandfather RD, Pisgah RD, Nantahala RD CNF: Watauga RD & Unaka RD
JOB HAZARD ANALYSIS (JHA)	4. NAME OF ANALYST	5. JOB TITLE	6. DATE PREPARED
References-FSH 6709.11 and -12 (Instructions on Reverse)	Drew Ford	Forest Safety Officer	07/20/2021
7. TASKS/PROCEDURES	8. HAZARDS	9. ABATEMENT ACTIONS Engineering Controls * Substitution * Administrative Controls * PPE	
General	Lack of supervision, neglect	When possible, personnel should not work alone; youth groups should have a minimum of 1 adult for every 5 youths. When volunteers are not directly supervised by FS personnel, at least one volunteer should carry a cell phone. One volunteer must be certified in First Aid and CPR.	
Awareness of Environmental Factors	Sunburn, bees, ticks, mosquitos, lightning, etc.	Use sunscreen when necessary. Use insect repellent, a 30% solution of Deet is recommended for adults and a 10% solution for youth. Watch for wasp nests or swarms of wasps when walking or working in field. Know if anyone in your group is allergic to bee stings. Carry a bee sting kit if you are allergic and instruct co-workers where it is and how to use it. Check for ticks after working in the woods Carry rain gear and layer clothing. Watch for obvious hazards like falling branches during windy conditions. During rain storms put down all tools, avoid grouping together and get away from water sources and power lines. Seek shelter as soon as possible. If no shelter is found, avoid ridges, hilltops, wide open spaces, ledges, rock outcrops, and shelter in exposed locations.	

Correct Equipment -Proper Protective Equipment	Scrapes, blisters, bites, etc.	Wear long-sleeved shirts, long (Levi type) pants, leathergloves, and leather boots.
Lifting and Carrying Materials	Back strain, other injuries, etc.	Never bend over to use your back when lifting heavy objects. Stoop by bending your knees (keeping your back vertically straight) then secure the object and lift by straightening your legs. Know your limitations, use at least two people to lift heavy objects.
Walking along Roadways	Accidents, bodily injury, etc.	Be courteous as well as careful around vehicles when working on roadways. Do not work along roadways without orange vests and proper hazard abatement measures in place.
Garbage Pickup	Hazardous materials, Bio-hazardous waste etc.	Wear latex gloves inside leather gloves. Be aware of suspicious or hazardous items. Do not touch hazardous items and notify FS personnel when they are found. Do not work along roadways without orange vests and proper hazard abatement measures in place.
Communication	Check in/location	Cell phones must be carried by volunteers when not accompanied by FS personnel.
10. LINE OFFICER SIGNATURE & Date		11. Title
JENNIFER BARNHART Digitally signed by JENNIFER BARNHART Date: 2022.09.14 08:35:36 -04'00'		National Forests in North Carolina, Appalachian District Ranger
NICHOLAS LARSON Digitally signed by NICHOLAS LARSON Date: 2022.05.24 11:42:05 -04'00'		National Forests in North Carolina, Grandfather District Ranger
DAVID CASEY Digitally signed by DAVID CASEY Date: 2022.09.30 10:57:09 -04'00'		National Forests in North Carolina, Pisgah District Ranger
MATTHEW WASKEY Digitally signed by MATTHEW WASKEY Date: 2022.10.05 13:41:27 -04'00'		National Forests in North Carolina, Nantahala District Ranger
		Cherokee National Forest, Watauga District Ranger
		Cherokee National Forest, Unaka District Ranger

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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) involved in the process, the date(s) of acknowledgment, and the name of the appropriate line officer approving the JHA. The line officer 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:

- a. 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.
- c. 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, and 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).
- c. Location of accident or injury, best access route into the worksite (road name/number), identifiable ground/air landmarks.
- d. Radio frequencies.
- e. Contact person.
- f. Local hazards to ground vehicles or aviation.
- g. Weather conditions (wind speed & direction, visibility, temperature).
- h. Topography.
- i. Number of individuals to be transported.
- j. Estimated weight of individuals 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
