

U.S. Department of Agriculture Forest Service	1. WORK PROJECT/ACTIVITY  Trail Work/Public Interaction	2. LOCATION  Pleasant Grove Ranger District	3. UNIT  D-2
JOB HAZARD ANALYSIS (JHA) References-FSH 6709.11 and -12 (Instructions on Reverse)	4. NAME OF ANALYST  Jentry Cataluna	5. JOB TITLE  Natural Resource Specialist	6. DATE PREPARED  4/10/2018
7. TASKS/PROCEDURES	8. HAZARDS	9. ABATEMENT ACTIONS Engineering Controls * Substitution * Administrative Controls * PPE	
<b>Public Interaction</b>	<ul style="list-style-type: none"> <li>• Mountain Bikers</li> <li>• Horse Riders</li> <li>• Tool placement</li> <li>• Altered trail conditions while working on the project</li> <li>• General for all the hazards listed above</li> </ul>	<ul style="list-style-type: none"> <li>• Some mountain bikes travel at fast speeds. Precautions should be taken to alert them of your presence. Step off of the trail and allow bikes to pass. Inform that there may be other trail users on the trail and that they should travel at safe speeds. Be alert!</li> <li>• Horses can be very nervous when approaching things they are unfamiliar with. Step to the downhill side of the trail. Make sure they know that you are there to avoid spooking them. Stay in communication with the rider. Pay attention and be ready to move out of the way. Talk quietly and avoid sudden movements.</li> <li>• Keep unused tools on the side of the trail where the public can easily pass by. Scattered tools create a safety hazard for both the workers and any public that may come by while the work is in progress.</li> <li>• Some projects require the trail to be altered for a longer period of time like digging a ditch to install a culvert or digging foundations for rock walls. These larger scale projects may create hazards for the public who are using the trail. In such cases the trail should either be temporarily closed or it needs to be posted that there is work in progress ahead. If you must leave a site overnight make sure that it is flagged off and there is another way for the public to get by.</li> <li>• Always assume that there is someone using the trail you are working on and make the effort to keep the area safe. Notify the trail users of any hazards they may encounter while passing through the work site. If you are the last in a line of workers notify the public that there will be others up ahead working on the trail. If motorized equipment (like chainsaws) are being used turn them off while the public passes. Only let them by if it is certain that it is safe for them to do so.</li> <li>• Treat the public with respect, ask if they have any questions, give them answers for those things you know, or refer them to someone at the office if you don't have the information. Establish communication, let them know if they ever see a problem that they can call and let us know. The public are our extra eyes and ears. You are the "Forest Rangers" to the public.</li> </ul>	
<b>Accident Documentation and Procedures</b>	<ul style="list-style-type: none"> <li>• Injury</li> </ul>	<ul style="list-style-type: none"> <li>• In cases of emergency, depending on severity and sound judgment, notify an adult in the group and follow the Emergency Evacuation Instructions (Reference FSH 6709.11) listed at the end of the JHA</li> <li>• Know your location, and emergency route numbers</li> </ul>	

		<ul style="list-style-type: none"> <li>• Report an accident, even if it is minor</li> <li>• Forms SF-91 and AD-112 will be required of all vehicle accidents.</li> <li>• Form OF-26 is also required if damage estimates exceed \$500.00</li> </ul>
<b>Safety Responsibilities</b>		<ul style="list-style-type: none"> <li>• Volunteers will be responsible for covering, understanding and complying by this JHA of the Pleasant Grove Ranger District of the Uinta-Wasatch-Cache National Forest</li> <li>• Volunteer know where a copy of this JHA will be kept along with accompanying Emergency Evacuation Instructions</li> <li>• Pertinent updates will be added to this JHA as they arise.</li> </ul>
<b>10. LINE OFFICER SIGNATURE</b>	<b>11. TITLE</b>	<b>12. DATE</b>

Previous edition is obsolete

(over)

**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**

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