

U.S. Department of Agriculture Forest Service  <b>JOB HAZARD ANALYSIS (JHA)</b> References-FSH 6709.11 and -12 <i>(Instructions on Reverse)</i>		<b>1. WORK PROJECT/ACTIVITY</b> <b>Working During COVID-19          Pandemic</b>	<b>2. LOCATION</b> <b>George Washington &amp; Jefferson          National Forests</b>	<b>3. UNIT</b> Appalachian National Scenic Trail: Mount Rogers National Recreation Area, Glenwood-Pedlar Ranger District, and Eastern Divide Ranger District
<b>JOB HAZARD ANALYSIS (JHA)</b>  <b>References-FSH 6709.11 and -12</b> <b>OSHA</b> <i>(Instructions on Reverse)</i>		<b>4. NAME(S) OF ANALYST(S)</b>  Matthew Helt, Edward Wright, David Whitmore, Erik Taylor	<b>5. JOB TITLE</b>  Partnership, Volunteer, Service Program, and Recreation Program	<b>6. DATE PREPARED</b>  9 February 2021
Required Standards and General Notes:	OSHA General Duty Clause 29 U.S.C. § 654, 5(a)1; OSHA General Industry Standards 29CFR1910; RM – 83A Public Health; RM-50B: Occupational Safety & Health Program; DM Part 485; CDC/Public Health/USFS/USDOT guidelines; USFS guidelines on the use of mask/cloth face coverings; USFS guidance on Cleaning shared vehicles; Current approved USFS JHA's.			
Available Personal Protective Equipment	Hand sanitizer; disinfectant (solution/wipes); surgical mask / comfort mask / cloth face covering; safety glasses/face shield; non-permeable gloves; disposable coverall or apron depending on activity. Any additional PPE required for a specific task.as identified in approved USFS JHA's.			
Tools and Equipment	Working cell phone, first aid kit. Dress for the weather and site conditions.			
Available Training	Review current CDC Guidelines; First Aid/CPR training; Check in/checkout procedures; Any other training required based on tasks to be performed as identified in currently approved USFS JHA's.			
<b>7. TASKS/PROCEDURES</b>		<b>8. HAZARDS, POTENTIAL HAZARDS / INJURY SOURCE</b>	<b>9. ABATEMENT ACTIONS OR PROCEDURES</b> <b>Engineering Controls * Substitution * Administrative Controls * PPE</b>	
General Volunteer Engagement		COVID-19 Exposure	<ul style="list-style-type: none"> <li>Stay up to date with and follow appropriate CDC guidelines.</li> <li>Comply with Governor's Executive Orders and President's Executive Orders.</li> <li>Do not engage in social distance enforcement. If needed, contact local law enforcement.</li> <li>Stay home if you're sick, have symptoms, or have been exposed to COVID-19.</li> <li>Notify your group leader/point of contact immediately if you have conducted volunteer activities on the National Forest and then have any symptoms or if you have tested positive for COVID-19.</li> <li>Group leader should immediately contact volunteer coordinator and other volunteers working with you.</li> <li>Comply with current requirements related to group size limit, social distancing, and wearing face masks or face coverings when and where applicable.</li> <li>For meetings, use audio and video teleconferencing capabilities to fullest extent possible.</li> </ul>	
General Work Duties		Exposure to COVID-19	<ul style="list-style-type: none"> <li>Wear a surgical mask / comfort mask / cloth face covering and eye protection</li> <li>Practice social distancing, avoid close contact. Stay at least 6' away from non-household members in the workplace.</li> </ul>	

		<ul style="list-style-type: none"> <li>● Avoid close contact with others from outside of your household.</li> <li>● Maintain situational awareness and communicate to others working around you when someone outside your work group is entering your work area.</li> <li>● Step aside as needed to allow 6' distance for hikers to pass.</li> <li>● Do not share food, drinks, or PPE.</li> <li>● Wash hands with soap and water and/or hand sanitizer prior to eating</li> <li>● Avoid unnecessarily touching surfaces.</li> <li>● Avoid touching your eyes, nose, mouth and/or footwear.</li> <li>● Wash hands often with soap and water. Wash your hands for a min. of 20 seconds. Alcohol-based hand sanitizer that contains 60% -95% alcohol can be used where soap &amp; water are not readily available.</li> <li>● Clean &amp; disinfect frequently touched objects and surfaces using <a href="#">EPA registered disinfectants</a> or bleach solution as described by CDC by mixing:  <ul style="list-style-type: none"> <li>5 tablespoons (1/3rd cup) bleach per gallon of water or</li> <li>4 teaspoons bleach per quart of water.</li> </ul> </li> </ul>
<p>General Tool / Equipment Use</p>	<p>Exposure to COVID-19</p>	<ul style="list-style-type: none"> <li>● Clean and disinfect all tool/equipment sets prior to using and/or issuing to individuals using EPA registered disinfectants.</li> <li>● Once tools/equipment are issued: <ul style="list-style-type: none"> <li>○ Do not mix/intermingle tools/equipment without sanitizing tools.</li> <li>○ Frequently wash hands often with soap and water and/or hand sanitizer.</li> <li>○ Individuals are responsible for accounting for and maintaining their own tool/equipment set.</li> </ul> </li> <li>● If tools/equipment are left unattended, thoroughly clean and disinfect tools/equipment before resuming operation.</li> <li>● Plan for each group member to have their own set of tools. Do not share tools/equipment. However, in the rare event tools/equipment sharing is unavoidable: <ul style="list-style-type: none"> <li>○ Thoroughly clean and disinfect tools/equipment before operational transition using EPA registered disinfectants.</li> <li>○ Wear task appropriate washable gloves.</li> <li>○ Wash hands often with soap and water and/or hand sanitizer.</li> <li>○ Do not touch your eyes, nose, mouth and/or footwear.</li> <li>○ Clean and disinfect tools/equipment when work/task is complete, or at least daily when in constant use.</li> </ul> </li> </ul>

Public Contact	Exposure to COVID-19	<ul style="list-style-type: none"> <li>● Do not engage in social distance enforcement. If needed, contact local law enforcement.</li> <li>● Practice CDC/public Health/USFS guidelines for social distancing (6-foot distance).</li> <li>● It is <b>required</b> to wear face covering when working within 6 feet of others, in federal buildings, and while in vehicles with others</li> <li>● Maintain situational awareness.</li> <li>● Communicate to others working around you when someone outside your work group is entering your work area. Maintain 6 foot distance at all times.</li> </ul>
Working with and Selecting Correct Cleaning/Disinfectant Materials	Exposure to COVID-19	<ul style="list-style-type: none"> <li>● Review SDS for products used to ensure proper use of protective equipment, employee knowledge and understanding and procedures.</li> <li>● Check to ensure the product is not past its expiration date.</li> <li>● Never mix household bleach with ammonia or any other cleanser.</li> <li>● For disinfection, diluted household bleach solutions, alcohol solutions with at least 60% alcohol, and most common EPA-registered household disinfectants should be effective. <ul style="list-style-type: none"> <li>○ Diluted household bleach solutions can be used if appropriate for the surface. Follow manufacturer's instructions for application and proper ventilation.</li> <li>○ Pay close attention to the "contact time" for each disinfectant used as some may have to sit on surfaces for 5-10 minutes. Follow <a href="#">EPA's guidance</a> as listed on CDC's website.</li> <li>○ Optionally, prepare a bleach solution: 5 tablespoons (1/3rd cup) bleach per gallon of water or 4 teaspoons bleach per quart of water.</li> <li>○ Products with EPA-approved EPA-registered household disinfectant are expected to be effective against COVID-19 based on data for harder to kill viruses. Follow the manufacturer's instructions for all cleaning and disinfection products (e.g., concentration, application method and contact time, etc.).</li> </ul> </li> </ul>
Remove / Contain / Dispose of PPE	Exposure to COVID-19	<ul style="list-style-type: none"> <li>● Remove washable/reusable gowns and over clothing by disposing in a dedicated container or laundry basket.</li> <li>● Remove gloves by use of safety method: One glove removed and held by the opposite hand and turning the remaining glove inside out and disposed of in trash.</li> <li>● Remove and clean safety glasses and spray shields.</li> <li>● PPE trash may be disposed of in regular trash routes.</li> </ul>

10. OFFICIAL SIGNATURE	11. TITLE Forest Supervisor	12. DATE 4/15/2021
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<p style="text-align: center;"><b>JHA Instructions (References-FSH 6709.11 and .12)</b></p> <p>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.</p> <p>Blocks 1, 2, 3, 4, 5, and 6: Self-explanatory.</p> <p>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).</p> <p>Block 8: Identify all known or suspect hazards associated with each respective task/procedure listed in block 7. For example:</p> <ol style="list-style-type: none"> <li>a. Research past accidents/incidents.</li> <li>b. Research the Health and Safety Code, FSH 6709.11 or other appropriate literature.</li> <li>c. Discuss the work project/activity with participants.</li> <li>d. Observe the work project/activity.</li> <li>e. A combination of the above.</li> </ol> <p>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:</p> <ol style="list-style-type: none"> <li>a. Engineering Controls (the most desirable method of abatement). For example, ergonomically designed tools, equipment, and</li> </ol>	<p style="text-align: center;"><b>Emergency Evacuation Instructions (Reference FSH 6709.11)</b></p> <p>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.</p> <p>Be prepared to provide the following information:</p> <ol style="list-style-type: none"> <li>a. Nature of the accident or injury (avoid using victim's name).</li> <li>b. Type of assistance needed, if any (ground, air, or water evacuation).</li> <li>c. Location of accident or injury, best access route into the worksite (road name/number), identifiable ground/air landmarks.</li> <li>d. Radio frequencies.</li> <li>e. Contact person.</li> <li>f. Local hazards to ground vehicles or aviation.</li> <li>g. Weather conditions (wind speed &amp; direction, visibility, temperature).</li> <li>h. Topography.</li> <li>i. Number of individuals to be transported.</li> <li>j. Estimated weight of individuals for air/water evacuation.</li> </ol> <p>The items listed above serve only as guidelines for the development of emergency evacuation procedures.</p> <hr/> <p style="text-align: center;"><b>JHA and Emergency Evacuation Procedures Acknowledgment</b></p> <p>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:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%; text-align: center;">SIGNATURE</td> <td style="width: 25%; text-align: center;">DATE</td> <td style="width: 25%; text-align: center;">SIGNATURE</td> <td style="width: 25%; text-align: center;">DATE</td> </tr> </table>	SIGNATURE	DATE	SIGNATURE	DATE
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