

Risk Assessment Analysis					Project Risk Assessment		Project: General Field			
Identification of Hazards and Risk Assessment							Mission Objectives:			
Subsystem	PRE-MITIGATION				Mitigation(s), Warnings and Reminders	POST-MITIGATION				
	Hazards (Loss of)	Likelihood	Severity	Risk Level		Likelihood	Severity	Risk Level	Additional Local Mitigation	Acceptable Yes/No
Emergency Preparedness	Lost, missing, or overdue employee	Remote	Catastrophic	SERIOUS	Follow unit check-in/check-out protocols. Ensure a communications and backup communications device is available and employees are trained.	Improbable	Catastrophic	MEDIUM		
	Emergency response to illness or injury	Remote	Catastrophic	SERIOUS	All work projects must have a documented emergency medical plan. Employees shall be briefed on protocols and procedures before work begins. Consider periodic scenario training / discussion to increase employee awareness. At least one employee in every work group shall be certified in First Aid / CPR. An appropriate first aid kit must be immediately available.	Improbable	Catastrophic	MEDIUM		
Foot Travel	Slips / Trips / Falls	Probable	Critical	HIGH	Warm-up with stretching. Be alert to weather and ground conditions. Walk on entire foot. When walking on steep slopes create foot step and walk on contour. Side step downhill. Maintain good balance. Bend in knees when going downhill. Keep weight on uphill foot when going down. Be aware of conditions and topography. When in erosive soils watch for existing game trails or slopes that may give out. Watch out for potential slips when soils or grasses are wet, highly erosive soils, steep slopes, rock or talus slopes. In uneven terrain watch out holes or depressions that can twist ankles and knees. Wear appropriate field boots for the conditions with adequate ankle support and traction. Carry tools on downhill side.	Remote	Marginal	MEDIUM		
	Slipping and falling while walking over uneven surfaces	Frequent	Critical	HIGH	Be prepared to encounter a wide variety of terrain and hazards. Constantly monitor surroundings and take extra time to choose safest route; if necessary take the time to go around the hazard. Be cautious around rock outcrops, steep drainages, downed logs, slash, loose rocks or soil, wet logs and rocks, heavy brush, stumps, 'widowmakers', and snags. Be careful when traversing in wet or frozen areas, as all of this terrain may be deceptively slippery. Straw covered terrain (such as which is utilized to cover skid-trails after a post-sale seeding, and to prevent erosion), may cover hazards such as stumps, holes, and slick rocks will increase traction loss.	Occasional	Critical	SERIOUS		
	Falling while crossing creeks, streams, and rivers; injuries and/or drowning	Occasional	Catastrophic	HIGH	When crossing bodies of water, be aware of slippery surfaces; rocks, logs, moss, etc. Gauge stream swiftness and depth before attempting to cross; never enter fast-moving water that has the potential for sweeping off feet.	Remote	Marginal	MEDIUM		
Vegetation	Falling trees, limbs; hazard tree awareness	Probable	Critical	HIGH	Wear appropriate PPE; hardhat. Maintain situational awareness. Identify hazards such as snags, dead limbs, "widowmakers" before work begins (size-up) and during work operations. Be aware of weather conditions (wind, storms) that may necessitate delaying work until conditions improve; shelter or reschedule. Consider hazard tree awareness training.	Remote	Marginal	MEDIUM		

	Hazardous vegetation	Frequent	Critical	HIGH	Be aware of local hazardous vegetation such as poison oak, poison ivy, thorns, etc.	Remote	Marginal	MEDIUM		
HAZMAT Discovery	Contamination or injury of employee	Remote	Catastrophic	SERIOUS	Employee maintain situational awareness of hazardous materials encounters through HAZCOM training. Do not touch or move discovered objects. Secure scene (prevent entry) and notify authorities.	Improbable	Marginal	MEDIUM		
Weather	Weather related injuries or illnesses; exposure	Frequent	Catastrophic	HIGH	Wear clothing suited for the weather. Consider carrying extra food and clothing, monitoring weather conditions. Carry and drink approximately 1 gallon of water/day. Carry extra water and/or boil water before drinking or use water purifier. Know the signs and symptoms of heat stroke, heat exhaustion, dehydration and hypothermia and know how to treat. Physical fitness, acclimatization and knowing individual response is critical in avoiding Heat Related Injuries. Know your personal limits. Take breaks or stop work if necessary to allow for cooling body temperature. Find shade. Wear hard hat, protective clothing and use sunscreen to prevent sunburn.	Occasional	Negligible	LOW		
	Lightning or Thunderstorms	Probable	Catastrophic	HIGH	Watch for approaching storms. Take shelter in vehicle or building if possible. Stay away from trees, wire fences and utility lines. Be aware of potential flash flooding by avoiding low spots. Avoid high spots.	Occasional	Marginal	MEDIUM		
Public	Personal harm from encountering public	Probable	Catastrophic	HIGH	Follow techniques for hostile encounters; maintain escape route, listen to concerns, do not escalate situation.	Occasional	Marginal	MEDIUM		
Animals/Insects	Bears/wild animals	Occasional	Catastrophic	HIGH	Be bear aware and know how to react if you have a bear encounter or other wild animals. If carrying bear spray, you must be trained before carrying or transporting. Follow bear spray Risk Assessment for requirements.	Occasional	Marginal	MEDIUM		
	Snakes	Occasional	Catastrophic	HIGH	Familiarize yourself with snakes found in your local area. Be able identify where snakes reside and stay away from these areas. Wear boots, gloves and long sleeved shirts and long pants.	Occasional	Marginal	MEDIUM		
	Insects	Probable	Critical	HIGH	Apply insect repellent. Carry medications if allergies exist (certain medication such as an Epi-Pen requires an Rx). Wear long sleeved shirt, long pants hat, gloves and boots when handling stacked or undisturbed piles of materials. Keep your tetanus boosters up-to-date (every 10 years)	Occasional	Marginal	MEDIUM		

Prepared by

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Date

APRIL 19, 2022

Line Officer Signature

[Signature]

Title

REGIONAL FORESTER

Date

APRIL 19, 2022

