

JOB SAFETY ANALYSIS	JOB TITLE OR OPERATION: Plant Material Handling	DATE:	__X__ NEW REVISED
PLANT / LOCATION: ROMO	COMPANY / ORGANIZATION: NPS	DEPARTMENT: Resources Management and Research	EMPLOYEE / OPERATOR: All
SUPERVISOR:	ANALYSIS BY: Resources Operations Crew	REVIEWED BY:	APPROVED BY:

REQUIRED AND / OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT:	GLOVES, EAR, EYE & SKIN PROTECTION, RESPIRATOR
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SEQUENCE OF BASIC JOB STEPS	POTENTIAL HAZARDS UNSAFE ACTS OR CONDITIONS	RECOMMENDED ACTION OR PROCEDURE FOR ALL: REPORT ALL INJURIES AND ACCIDENTS TO SUPERVISOR.
PLANT MATERIAL COLLECTION AND PLANTING	<ul style="list-style-type: none"> Injury. 	<ul style="list-style-type: none"> Stretch throughout the day to minimize back and neck pain, strains and sprains. Keep a neutral posture and lift with your legs. Ask for help and offer help when needed. Use trucks, wheel barrows and hand carts to lighten the load. Wear gloves.
PUMP OPERATION	<ul style="list-style-type: none"> Spilling fuel and/or oil on self or ground. Fume inhalation. Injury. Mishandling pump. 	<ul style="list-style-type: none"> Do not overfill fuel reservoirs. Remove flammable objects before refueling. Use safety cans with spouts. Avoid inhaling fumes. When climbing onto the back of the trucks be sure to have a good grip and sure footing. Wear Ear Protection Always place the water pump on the ground in a level location. Never operate the pump from the tailgate. Be careful when lifting or handling a hot pump. Maintain a neutral posture and lift with your legs when moving hoses and pumps.
FILLING WATER TANKS	<ul style="list-style-type: none"> Falling 	<ul style="list-style-type: none"> Use caution when climbing scaffold to fill water tank.
WORKING NEAR ROADSIDES , PARKING LOTS AND CONSTRUCTION	<ul style="list-style-type: none"> Getting hit by vehicles. 	<ul style="list-style-type: none"> Be aware of your surroundings (traffic, coworkers, machinery, etc.). Wear safety vests when working near roadways. Place men working signs before, during, and after work site when working near roadways.
GREENHOUSE, NURSERY AND CACHE MAINTENANCE	<ul style="list-style-type: none"> Hantavirus or dust inhalation. 	<ul style="list-style-type: none"> Wear dusk mask/respirator. Wet suspect areas down with bleach and water mix. Clean respirator after use.
TOOL USE AND MAINTENANCE	<ul style="list-style-type: none"> Leaving tools with the point facing upward or scattered around work site. 	<ul style="list-style-type: none"> Keep tools in a central location and always have the point of tools pointing towards the ground. Pickup tools before breaks, lunch, and at the end of each day. Place all tools and supplies in the caches at the end of each week.
	<ul style="list-style-type: none"> Tripping hazard. 	<ul style="list-style-type: none"> Never place tools in a position where they may cause injury or pose a trip hazard. Be aware of your surroundings when using any tool.
	<ul style="list-style-type: none"> Cuts with sharp tool edge. Splinters from wood handles. Metal shards when using grinder. 	<ul style="list-style-type: none"> Wear gloves when sharpening tools. Wear eye protection and gloves when operating grinder. Sand wood handles if wood is beginning to splinter. Wear eye protection when using any tool that may dislodge debris and cause injury.

	<ul style="list-style-type: none">• Injury caused by tools.	<ul style="list-style-type: none">• Take caution while using handtools so as not to injure self with sharp edge of shovels, hoes, etc.• Maintain awareness of others while using tools so as not to injure them with sharp edges or handles.• Maintain proper spacing between self and co-workers when using tools.• Store and carry tools with sharp edge pointing down.
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