

Critical Task												
Task Being Performed: Cross Country Ski Trail Grooming						Club/Municipality/Organization:						
Date: January 17, 2020						Prepared by: Jim Lamoureux						
Risk Ranking												
Severity		Probability										
Minor: Non-serious injury, illness or damage		1	Unlikely: Unlikely to occur		1							
Moderate: Severe injury, serious illness, property or equipment damage		2	Likely: Likely to occur at some point		2							
High: Causing death, Occupational illness, loss of facility		3	Very Likely: Very Likely to occur immediately or soon		3							
Steps		Identified Safety & Health Hazard Exposures		Existing Risk		Controls			Residual Risk			
Step #	List steps being performed	Consider safety & health hazards/problems etc. of task/ work being performed. Consider people, equipment, materials, routes of entry and environmental interactions.		SEVERITY	LIKELIHOOD	RISK	Controls that may be required to decrease the risk of the specific task to 'Low'			SEVERITY	LIKELIHOOD	RISK
1	General Hazards in Shop, Yard and Trail Environments	<ul style="list-style-type: none"> Psychological/Physical effects of potential bullying and/or harassment between with the public. Biological Hazards: Exposure to blood borne pathogens when performing first aid and cleanup. Chemical Hazards: Spills of lubricants, cleaning solutions, fuels or dangerous goods. Exhaust/air emissions from excessive idling. Noise from sleds Working outdoors in cold weather can lead to frost bite or hypothermia. Working around cold or hot surfaces of equipment Hot (> 50 deg C) metallic surfaces -engines Cold (< 0 deg C) metallic surfaces Working alone Slips trips or falls due to ice and snow build up around shop 		2	2	M	<ul style="list-style-type: none"> Awareness, Acknowledgement and Compliance with: <ul style="list-style-type: none"> Respectful Workplace Utilized latex gloves and N92 masks when performing first aid and cleanup. Review SDSs for lubricants, fuels and cleaning solutions and comply with recommended controls Utilize spill kits on small spills. Measure noise levels of sleds and utilize hearing protection if levels exceed 85 dba as required Avoid excessive idling inside of shop. Ensure sleds are tuned properly. Do not let sleds idle near air intake of buildings. Ensure sled exhaust systems are maintained at all times. Adhere to club cold weather policy Ensure volunteers dress accordingly for the weather and stay hydrated. Volunteers are to use insulated gloves when working around hot or cold surfaces of sleds and grooming equipment/tools. Ensure an effective communication system is utilized between volunteers when working alone Clear snow, ice or residual water around door of shop. Apply ice melt if necessary. Keep grounds around shop free from dunnage/blocks and ruts 					

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2	Pre-Grooming	<ul style="list-style-type: none"> Sled break down due to poor maintenance and lack of fuel. Fueling of sleds. Fumes from fuel can be ignited by sparks or flames. Spilled fuel can contaminate environment. Improper operating/handling sleds in/out of shop and around yard can lead to injury or property damage. 	3	2	H	<ul style="list-style-type: none"> Ensure sleds are maintained. Tuned annually. Strong battery. Oil and coolant levels checked. Ensure sleds are fueled. Ensure fueling is completed outside away from any open flames or sparks Ensure sleds are not running during fueling Ensure any spilled fuel is cleanup Ensure fire extinguisher is available Confirm that new volunteers have familiarity with operation of sleds Ensure volunteers are provided suitable training on sled operation by experienced/competent volunteers. Ensure sleds are put in neutral when not being driven. 	1	1	L
3	Equipment Hookup (Levelers, Packers, Rollers, Track Setters)	<ul style="list-style-type: none"> Improper operating/handling sleds in/out of shop and around yard can lead to injury or property damage Improper hook up of attachments can lead to equipment damage and poor quality grooming Pinch points while backing sleds up to attachments Pinch points between sleds and attachment points (hitches and balls) Slips, trips or falls due to ice and snow build up around shop Attachment can become frozen to ground leading to strains and sleds and attachment damage Pinch points installing weight plates on blue track setter. Strains lifting, carrying installing plates on blue track setter 	2	2	M	<ul style="list-style-type: none"> Ensure volunteers are provided suitable training on sled operation by experienced/competent volunteers. Ensure volunteers are provided suitable training on equipment hookup. Keep grounds around shop free from dunnage/blocks and ruts. Ensure equipment is not frozen to ground. If it is, use pry bars to loosen Use gloves while working around the hitches Use care when placing wight plates and lift by handles. Ensure groomers are fit for duty. Use proper lifting techniques when lifting. Ask for assistance if necessary. 			
4	Grooming	<ul style="list-style-type: none"> Improper operating/handling sleds in/out of shop and around yard can 				<ul style="list-style-type: none"> Ensure volunteers are provided suitable training on sled operation by experienced/competent volunteers. 	2	1	L

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		<p>lead to injury or property damage</p> <ul style="list-style-type: none"> Improper operation of grooming equipment,(sled and attachments) can lead to equipment damage, public property damage (hooking trees, fences, park benches gates signs, and poor quality grooming Personal injury to head if volunteer falls off sled and strikes head. Contact with public/pedestrians/cyclists/pets on trails Contact with 3rd party vehicles while crossing public road ways Confrontation with members of the public Getting grooming equipment unstuck can lead to personal injury and equipment damage. Tipping of sleds on steep slopes Contact with tree branches 	2	2	M	<ul style="list-style-type: none"> Ensure volunteers are provided suitable training on grooming practices Ensure volunteers are deemed competent before allowing to groom unsupervised. Ensure grooming is conducted in first gear on sleds and speed of 15 km is not exceeded Ensure adequate distance is maintained between grooming equipment and trees, gates, signs, park benches and fences. Slow down when approaching trees, gates, signs, park benches and fences. Wear head protection Give a wide berth to public/pedestrians/cyclists/pets on or near trails. Give them the right of way. Stop and wait for them to go by if necessary. Stop at all road crossings. Look both ways and ensure road way is clear before crossing. Avoid confrontation at all times. Do not engage with unhappy member of the public. Tell them to contact the club if they have complaints or concerns. Work with a partner volunteer to get unstuck if necessary. Do not operate/turn grooming equipment sideways on steep slopes. Go to top or base top turn around. Avoid tree branches or take the time to remove branches before passing by. 			
6	Post Grooming	<ul style="list-style-type: none"> Improper operating/handling sleds in/out of shop and around yard can lead to injury or property damage Improper unhooking of attachments can lead to equipment damage. Pinch points while backing sleds up and attachments up Slips, trips or falls due to ice and 	2	2	M	<ul style="list-style-type: none"> Ensure volunteers are provided suitable training on sled operation by experienced/competent volunteers. Ensure volunteers are provided suitable training on equipment hookup. Keep grounds around shop free from dunnage/blocks and ruts. Ensure volunteers are clear/out of way when backing grooming equipment up to fence Ensure volunteers are clear/out of way when backing sleds into shop 	1	1	L

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		snow build up around shop and dunnage/blocks laying around. <ul style="list-style-type: none"> Pinch points while backing sleds up into shop. 							

Occupational Health and Safety (OHS) Act applies to any worker engaged in an occupation. The OHS Act defines an “occupation” as every “occupation, employment, business, calling or pursuit over which the Legislature has jurisdiction”. The broad definition is intended to ensure that all persons engaged in work activities are protected under the OHS Act. Since a worker doesn’t need to be paid in order to be protected under the OHS Act, the OHS Act also applies to volunteers.

JSA Review and Acknowledgement (All volunteers involved in the task being carried out shall review and sign off on this JSA)

Volunteer Name	Signature	Date