

CANADIAN BIRKEBEINER SOCIETY	SEM PROGRAM Formal Hazard Assessment	FHA #001	PAGE 1 of 3
Used for commonly performed tasks and linked to approved SPIPs			PRINT DATE: January 31, 2020

CBS Formal Hazard Assessment - 001

Identified Task or Activity: Trail maintenance work in CLBPRA		FHA#001		HR (Hazard Ranking): Severity: 1. Catastrophic Danger; 2. Serious; 3. Minor 4. Not Applicable Probability: A. Probable B. Reasonably Probable C. Remote D. Extremely Remote Severity (S) + Probability (P) = Hazard Ranking (HR) If 1A = WORK DOES NOT PROCEED			Focus on the 1) PEOPLE, 2) ENVIRONMENT, 3) MATERIALS, 4) EQUIPMENT/TOOLS	
CBS Workers Involved: George Foxcroft Jim Black								
Approved with pending SPIP's by: SEM Committee								
Tools/Equipment Required: Hand tools, Side-by-sides, trailers				Materials Required:			Date approved: 01/17/20	
#	Sequence of Steps	Potential Incidents or Hazards	HR	Controls in Place			RHR	Control Description
				Engineering	Administrative	PPE		
								Notes
1	Assess prevailing weather conditions	Extreme heat	2D			sunblock	3D	Wear suitable clothing and carry water and food Wear suitable clothing and footwear and carry liquids and food Carry fire making materials Avoid high risk conditions on trails Avoid high risk conditions on trails Take evasive action
		Extreme cold	2B		SPIP002	clothing	3B	
		High winds	2D				2D	
		Heavy precipitation	2D				2D	
		Lightning strikes	2D				2D	
2	Assemble, inspect and transport appropriate tools	Tool deficiencies leading to personal injury	2C	Adequate selection of tools available	SPIP		3D	Tool maintenance and inspection Updated tool inventory Load and carry tools safely; Use guards on sharp equipment and power tools
3	Travel to worksite on foot	Difficult trail conditions	3C				3D	Wear appropriate footwear Clothing suitable to trail conditions

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		Danger of becoming isolated and lost	2D				3D	Abide by “never work alone” directive
		Wildlife encounters	2D				3D	Be aware of wildlife updates
4	Travel to worksite in side-by-side vehicle	Risk of collision and injury due to loss of control on connector roads	2C		SPIP	Seat belts	3D	Avoid high speeds and wear seat belts on major roads and access trails
		Risk of collision and tipping on internal trails	2C	Purpose built machine for the conditions	SPIP		2D	Use low speeds and correct drive mode for conditions prevailing
5	Digging, grading and prying with hand tools	Impact injuries, strains, etc.	2C		SPIP		3C	Use proper techniques and good tools Recognize the “circle of death”
6	Lifting and pulling heavy objects	Strains and bruising	2C		SPIP	Work boots	3C	Use proper techniques Properly assess the demands of the task and recruit help as needed Avoid over-taxing the equipment or operator Wear protective footwear and gloves
7	Brushing/pruning/limbing using handheld tools	Grazing and pricking	3B	Match tools to the task		Safety glasses and gloves	3C	Wear eye protection Wear strong gloves Use appropriate cutting tools Keep tools sharp and functional
8	Post pounding	Strains and repetitive injuries	2D	Match tools to the task		Gloves	3D	Use sure footing and good posture Use weights of pounders that can be handled safely
9	Brush cutting with powered scythes	Lacerations through contact with cutter	2D	Purpose made equipment		Boots and gloves	3D	Follow makers SOPs Maintain functionality of cutters Training and proven competence required
Annual Reviewers: SEM Committee			Date: 01/17/20					

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HAZARD RANKING: SEVERITY	PROBABILITY			
	A. Probable	B. Reasonably Probable	C. Remote	D. Extremely Remote
1. Catastrophic Danger	work isn't done			
2. Serious				
3. Minor				
4. Negligible / OK				

	Immediate corrective action required
	Corrective action required urgently
	Corrective action required at next review
	No corrective action required

Note 1: Administrative controls sections should be used to list the need for creation of *Safe Practice Implementation Protocols* (SPIPs). When draft SPIPs have been approved by the CBS Safety & Engagement Committee, the number of the approved SPIP should be included in the FHA information. *SPIPs should initially be developed for any tasks with an initial Hazard Rating that falls in the red and orange zones of the chart above.*

Note 2: Hazard Ratings. The first hazard rating (HR) included should reflect the risk rating before control measures are implemented. A Revised Hazard Rating (RHR) should then be presented to the right of the “Controls in place” columns that estimates the reduced level of risk after suggested control measures have been applied.

Note 3: After applying control measures, tasks should not be undertaken if the Revised Hazard Rating still falls within the red zone in the chart above. Tasks with ratings that still fall within the orange zone need ongoing review.