



WCSS Hazard Assessment

Activity Description: _____

Assessment performed by: _____

Location: _____

Role during activity: _____

Date: _____

TASK/ACTIVITY	HAZARD	HAZARD DEGREE (L/M/H)	MITIGATING ACTION	PERSON RESPONSIBLE
General activities performed during the exercise	- Medical Emergency	H	- Defer to Emergency Medical Coordinator	
Notes:				
Equipment activity. Includes: loading / unloading, staging and dryland deployment.	<ul style="list-style-type: none"> - Worker injured due to inappropriate PPE - Worker injured by moving equipment - Equipment damage 	<p style="text-align: center;">L</p> <p style="text-align: center;">M</p> <p style="text-align: center;">M</p>	<ul style="list-style-type: none"> - All workers to wear appropriate PPE as outlined in exercise notification - Personnel to be briefed on operation of equipment prior to using - Equipment movement requires a spotter 	
Notes:				

TASK/ACTIVITY	HAZARD	HAZARD DEGREE (L/M/H)	MITIGATING ACTION	PERSON RESPONSIBLE
Working along shoreline / riverbank. Includes: loading / unloading equipment into boats and working with equipment along shoreline.	<ul style="list-style-type: none"> - Worker injured while moving equipment - Worker falls in water - Equipment damage - Contact with underground utilities 	<ul style="list-style-type: none"> H M M H 	<ul style="list-style-type: none"> - All workers to wear appropriate PPE as outlined in exercise notification - Identify work zone - All workers wear PFD when <1m from water. - Identify Safety and Team captains who perform briefings prior to work being done. - Identify underground facilities 	
Notes:				
Operating Response vessels. Includes: preparation, unloading, water operation and loading.	<ul style="list-style-type: none"> - Worker falls out of boat - Worker injured while working with equipment in boat, or when loading / unloading boat - Collision between boats and/or object - Operating within proximity of bridge piers and weirs/dams 	<ul style="list-style-type: none"> H H H H 	<ul style="list-style-type: none"> - All workers wear PFD when <1m from water - Ensure at least two people in the boat - Vessel operator must be current WCSS certified Boat Operator - Assign safety boat - Review Boat Safety Policy with all workers on vessels - All boats must have communication with each other and with workers on shore - Boat operator must perform briefing prior to each task performed. - Equipment service checks prior to launch - Spotter required when moving trailers - Identify work zone - Identify traffic patterns - Set distances for operation 	

Notes:				
TASK/ACTIVITY	HAZARD	HAZARD DEGREE (L/M/H)	MITIGATING ACTION	PERSON RESPONSIBLE
Observers not directly involved in exercise	- Observer could inadvertently be in high activity area and be injured	M	- Have assigned observation areas, rope off area clearly mark observation areas	
Notes:				
All	- Severe weather (eg, high winds, lightning, rain, snow)		- Monitor weather in area - Follow established guidelines for lightning - Establish operating limits for vessels regarding wave height, wind, etc	
Notes:				

ADDITIONAL HAZARDS & MITIGATING ACTIONS

TASK/ACTIVITY	HAZARD	HAZARD DEGREE (L/M/H)	MITIGATING ACTION	PERSON RESPONSIBLE
Notes:				
Notes:				
Notes:				

Examples & Standards of Hazard Mitigation

Potential Shoreline Hazard	Standard Mitigation Action to be used
Slip/Trip & Fall/steep banks/holes (fall hazard)	Buddy system, rescue stations, safety harness (Availability of felt soled boots)
Larger rock & Mud bottoms (foot entrapment)	As above & extrication briefing
Ground Disturbance	Line Locate prior to work
High current speed	Limits on worker depth, buddy system, use or safety harness if current speed exceeds 5 km/hr
Boat wash/wake	Boat operators cautioned
Shoreline Access bush/trees/fences	Clearing of work area
Mud Bottoms (entrapment)	Buddy system, extrication briefing
Waders	Waist belt for chest waders, on hip waders straps to limit water into the wader (Use of neoprene wader if available)
Working Above Weirs, log jams, rapids	Safety harnesses & Buddy System
Weather	No operation during or if there potential for an electrical storm Monitor Water Levels Take precautions for heat/cold exposures (Hypothermia/Heat stroke)
Potential Boat Hazards	Standard to be used
Lines (shore, boom etc)	Assign look outs
Shallows	Assign look outs, check with a pole, (use sonar if available) caution while towing, set traffic patterns & out of bounds areas
Current speed	Ensure proper boat placement, Safety boat procedure
Shore Access & Launch sites	Check Depths, bank type, downstream safety margins, clear of obstructions
Weeds	Practice clean-out and drift procedures
Other boats	Assign look outs
Bridge piers	No operation of boats within 50 meters upstream
Weirs/Dams	No operation of boats with-in 400 meters upstream & 100 meters downstream
Weather	As per Shoreline Hazard
Underground Cables & pipelines lines	Ensure locations No non-emergency operations within 100 meters of possible locations & marked locations, specify anchor locations