

Task / Activity	Hazardous Events and Potential Causes	Group / Individual At Risk	Likelihood	Severity	Risk	Controls and Precautions Implemented to Reduce Risk	Risk Assessment with Controls in Place	Date Assessed	Date Re-assessed
Use of mechanical plant. (General)	Injury from plant / vehicles operating in the area	WAT restoration team General public	Likely	Major injury Fatality	High	<p>WAT run a control system for "Driver Authorisation". Only those trained and authorised under this scheme will be permitted to drive or operate plant.</p> <p>The services of a "banksman" is always employed during the operation and use of plant.</p> <p>Areas where plant is in operation and routes along which they might travel must at all times be kept clear of obstacles, obstructions and other hazards which might impair the safe operation and movement of plant.</p> <p>Checks will be carried out on all plant at the start of every day before work commences</p> <p>At all times "High Visibility" jackets will be worn by all those within the work area. This applies equally to all volunteer workers and also to any visitor that might have been given permission to enter the area.</p> <p>At all times "site assessments" will be carried out before operation of plant to ensure that the work can proceed in a safe manner both for members of the public and WAT staff.</p>	Low	18/09/2005	

Task / Activity	Hazardous Events and Potential Causes	Group / Individual At Risk	Likelihood	Severity	Risk	Controls and Precautions Implemented to Reduce Risk	Risk Assessment with Controls in Place	Date Assessed	Date Re-assessed
Use of mechanical plant. (General cont)	Injury from plant / vehicles operated by untrained and unauthorised personnel.	WAT restoration team General public	Likely	Major injury Fatality	High	When a piece of equipment is not in use the engine should be switched off, equipment should be parked in a safe manner with the handbrake on and the key should be removed.	Low	18/09/2005	
	Transportation of passengers.	WAT restoration team	Likely	Major injury Fatality	High	AT NO TIME shall any piece of equipment carry passengers. The only exception to this rule is when a particular piece of equipment is designed for and fitted out for the carrying of passengers.	Low	18/09/2005	
	Hearing loss due to use and operation of equipment	WAT restoration team	Likely	Major injury	High	Where exposure to noise created by mechanical equipment is likely ear defenders should be worn. This applies not only to operators but also to anyone working near such equipment.	Low	18/09/2005	
	Injury caused by faulty equipment.	WAT restoration team	Likely	Major injury Fatality	High	When hiring equipment an inspection of the equipment should be carried out at time of delivery. Any piece of equipment that is suspected of not being properly maintained and potentially unsafe should not be accepted. Checks will be carried out on all plant at the start of every day before work commences and at regular intervals during operation.	Low	18/09/2005	

Task / Activity	Hazardous Events and Potential Causes	Group / Individual At Risk	Likelihood	Severity	Risk	Controls and Precautions Implemented to Reduce Risk	Risk Assessment with Controls in Place	Date Assessed	Date Re-assessed
Use of Excavators	Excavators striking people, objects etc.	WAT restoration team General public	Likely	Major injury Fatality	High	Excavators should be equipped with visual aids and have suitable all round vision to ensure drivers can see all areas where people may be at risk. WAT volunteers should be kept out of the area where excavators are operating. If staff need to approach or pass by a machine in operation they must first attract the attention of the driver and only proceed if and when the driver puts the machine in a safe condition and signals that it is safe to proceed.	Low	18/09/2005	
	Excavators on sloping or uneven ground.	WAT restoration team				Ensure the machine is the correct type for the task. Create a level working area. All operators must be aware of the effect the weight of the bucket has on stability and control the swing accordingly.			
	Excavators striking overhead/ underground services.	WAT restoration team General public	Likely	Major injury Fatality	High	Where possible physical protection e.g. "goal posts" and warning signs sited at all overhead power lines. An assessment of the area in which a machine is to operate should be carried out to check for overhead/ underground services, constructions and overhead branches, etc. before operation commences.	Low	18/09/2005	

Task / Activity	Hazardous Events and Potential Causes	Group / Individual At Risk	Likelihood	Severity	Risk	Controls and Precautions Implemented to Reduce Risk	Risk Assessment with Controls in Place	Date Assessed	Date Re-assessed
Use of Dumpers	Overturning on slopes, banks, excavations etc.	WAT restoration team	Likely	Major injury Fatality	High	<p>All Dumpers must be fitted with roll-over protection.</p> <p>All operators must use the seat restraint at all times unless a specific assessment is undertaken for the task in hand.</p> <p>All drivers should be aware of the correct procedure for negotiating slopes.</p> <p>Where dumpers have to travel / tip near to an edge or drop stop blocks or a safety edge will be provided.</p>	Low	18/09/2005	

14/05/2012

**Assessed
By**

RAO

Assessed By
RAO
RAO
RAO
RAO

Assessed
By

RAO

RAO

Assessed
By

RAO