

**HAMPSHIRE FIRE AND RESCUE SERVICE - RISK ASSESSMENT RECORD**

<b>Operational Activity:</b> Flooding Incidents	<b>Service Reference:</b> SO/7/4/3
<b>PDA: Flooding Only:</b> Senior Officer to inspect <b>Flooding - Persons Trapped:</b> 2 pumping appliances + senior officer <b>Flooding - Affecting Electricity:</b> 1 pumping appliance	<b>Firefacs:</b> FF/7/4/3

<i>Task/Description</i>	<i>Hazard/Risk</i>	<i>Level of Risk</i>	<i>Risk Groups*</i>	<i>Control Measures</i>	<i>TAP Ref</i>
On route to incident	Adverse road conditions i.e. Static and fast flowing water	High	A B C D	<ul style="list-style-type: none"> <li>▪ Relevant training and assessment on the hazards associated with flooding.</li> <li>▪ Approach incidents with caution.</li> <li>▪ All personnel to be 'on the lookout' for hazards.</li> <li>▪ Appliance speed to be commensurate with conditions.</li> <li>▪ Be aware of vehicle 'wash'.</li> <li>▪ Care to be taken when dismounting appliances as footing may not be secure.</li> </ul>	None
	Underwater obstructions	High	A B C D		
	Falling power lines and trees.	High	A B C D		
	Collapsed bridges	Medium	A B C D		
	Sudden changes in depth i.e. rising water	Medium	A B C D		
	Displaced 'Manhole' covers, Grills and road furniture.	High	A B C D		
	Landslides	Medium	A B C D		
	Poor visibility/weather conditions	Medium	A B C D		
	Engine failure/Vehicle wash.	Low	A B C D		

Rescues of casualty(s) from static and fast flowing water	Slips/Trips/Falls.	High	A B C D	<ul style="list-style-type: none"> <li>▪ Appoint Safety Officer - Undertake DRA.</li> <li>▪ <b>DO NOT JUMP OR DIVE INTO THE WATER.</b></li> <li>▪ When moving in water Keep weight on the back foot as when searching in BA - advance with caution.</li> <li>▪ If water is over knee deep consider using rescue craft.</li> <li>▪ Personnel to remain under strict supervision at all times.</li> <li>▪ Full PPE and 'Waders' where required.</li> <li>▪ Don Life-jackets/dry suits and attach rescue lines with quick release.</li> <li>▪ Use sticks/poles to gauge depth of water and provide balance.</li> <li>▪ Consider using Rescue Path.</li> <li>▪ Consult and work in conjunction with other agencies.</li> <li>▪ Seek medical attention where required.</li> <li>▪ Take correct hygiene precautions when eating/drinking.</li> <li>▪ Ensure catering vehicles are sited to facilitate correct hygiene precautions.</li> <li>▪ Consider reliefs and ensure personnel are rotated on a regular basis.</li> <li>▪ Consider other specialist equipment - MRV</li> <li>▪ Casualty(s) <ul style="list-style-type: none"> <li>▪ Communicate</li> <li>▪ Encourage</li> <li>▪ Throw flotation devices</li> <li>▪ Utilise ladders/poles/ceiling hooks or rescue craft to reach them.</li> </ul> </li> <li>▪ Illuminate scene.</li> </ul>	
	Struck by or against floating objects	Medium	A B C D		
	Loss of Utilities ( i.e. no street lighting.	Medium	A B C D E		
	Water clarity. Contamination by effluent & chemicals.	High	A B C D E		
	Sudden cold water immersion/undertow/eddies/ Whirlpools/weirs etc.	High	A B C D E		
	Displaced 'Manhole' covers, And drain grills.	High	A B C D E		
	Cuts/abrasions/fatigue reduced mental and physical functions/ hypothermia/entanglement.	High	A B C D E		
	Submerged equipment/ manual handling/noise/ exhaust fumes and use of non standard equipment and PPE.	Medium	A B C D E		

Rescue of victims from fast flowing water.	Being swept away	Medium	A B C D E	<ul style="list-style-type: none"> <li>▪ Wear appropriate PPE - Life-jackets/Rescue lines etc.</li> <li>▪ Minimum number of personnel to enter fast flowing water.</li> <li>▪ Limit exposure time in the water.</li> <li>▪ Prolonged immersion may cause fatigue/hypothermia and reduced physical and mental functions.</li> <li>▪ Appoint upstream 'Hazard Lookouts'.</li> <li>▪ Put in place downstream safety measures i.e. Lines at 45° to the bank.</li> </ul>
	Drowning	Medium	A B C D E	
Launching and operating rescue craft	Falling overboard	Medium	A B C D E	<ul style="list-style-type: none"> <li>▪ Propeller to be properly guarded</li> <li>▪ Rescue craft only to be operated by fully trained and authorised personnel.</li> <li>▪ Wear appropriate PPE as required by DRA.</li> </ul>
	Entanglement/contact with propeller.	Medium	A B C D E	

<b>Assessor:</b>	Name: K Dales and R Earl	Rank/Post: T/H&S Advisers	Date: 6/2001	Review Date: 6/2006
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*A = Wholetime	*B = Retained	*C = Volunteers/Auxiliary	*D = Non Service Personnel	*E = Public
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