

HAMPSHIRE FIRE AND RESCUE SERVICE - RISK ASSESSMENT RECORD

Workplace: Sewer Rescues **Activity or Work Area:** Sewer Rescue Incidents

<i>Task/Description</i>	<i>Hazard</i>	<i>Risk</i>	<i>Risk* Groups</i>	<i>Control Measures in place</i>	<i>Level of Risk¹</i>	<i>Control measures required</i>	<i>Level of Risk²</i>
Gaining access	Road traffic	Muscular skeletal injury	A,B,D	Personnel to don appropriate PPE. Cordon off area, use blue flashing lights. Appoint Safety Officer. Use police to control traffic.	L		
	Open manholes	Injury from falling down manhole	A,B,D,E	Cordon off area, use blue flashing lights. Appoint Safety Officer.	L		
	Lifting manhole covers	Muscular skeletal injury	A,B	Use of correct manual handling techniques. Training. Lift manhole covers away from area of operations.	L		
	Entering manhole	Injury from falling down manhole. Becoming overcome by fumes	A,B	Obtain information from contractors on site. Training. Use correct ladder techniques. Use BA and appropriate PPE. Air quality monitoring.	M		
Working in sewers	Slips, trips & falls	Muscular skeletal injury	A,B	Use correct search techniques. Training.	L		

¹ See over for Matrix

² See over for Matrix with new control measures in place

	<p>Toxic/flammable fumes. Fire/explosion.</p>	<p>Muscular skeletal injury. Becoming overcome by fumes. Biological infection. Chemical contamination.</p>	<p>A,B,D</p>	<p>Use correct PPE (CPS, GTS) Decontamination of personnel & equipment. Hygiene facilities, no eating,drinking, smoking during the incident unless in designated clean areas. Consider use of USAR. Use intrinsically safe radios.</p>	<p>M</p>		
	<p>Communications</p>	<p>Personnel getting lost. Loss of communications.</p>	<p>A,B</p>	<p>Teams to be in line of sight of each other. Strategically place personnel throughout sewer, including base of vertical shaft.</p>	<p>L</p>		
	<p>Casualty rescues</p>	<p>Muscular skeletal injury. Working in confined spaces.</p>	<p>A,B,D</p>	<p>Use correct manual handling techniques. Training. Use of lines/harness/rope pack. Consider use of USAR.</p>	<p>M</p>		

Assessor:	Name: M. Smither	Rank/Post: WM. Operations Support	Date: 30/10/06	Review Date: 30/10/11
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*A = Wholetime	*B = Retained	*C = Volunteers/Auxiliary	*D = Non Service Personnel	*E = Public	F = Non Uniformed
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