

## Risk Assessment

<b>Type of Trip:</b> Friends recreational kayak trip <b>Venue:</b> River Gam <b>Grid Reference:</b> 000079 <b>Access</b> 031098 <b>Egress</b> <b>Date of visit:</b> 11/06/17 <a href="http://rainchasers.com/river/gam/dolwen-bridge-llanerfyl">http://rainchasers.com/river/gam/dolwen-bridge-llanerfyl</a> River Gam <a href="http://rloi.naturalresources.wales/ViewDetails?station=2062">http://rloi.naturalresources.wales/ViewDetails?station=2062</a> Llanerfyl <b>See videos:</b> <a href="https://www.youtube.com/watch?v=3hot9vM4W7c">https://www.youtube.com/watch?v=3hot9vM4W7c</a> <a href="https://www.youtube.com/watch?v=8SkyBR43UWo">https://www.youtube.com/watch?v=8SkyBR43UWo</a> <b>River gauge Level:</b> 1.9 <b>08/06/19: River gauge level</b> 1.7				
	2	3	4	5
What is the hazard?	Who might be harmed?	How may the risk be adequately controlled?	What further action is necessary?	Review comments Review date
<b>Access:</b> After or before Dolwen Bridge	Club Members	<b>S = 2 L = 2 = 4 Low</b> River Level = 1.9	Correct supervision and group control by instructor, safety brief	
<b>Egress:</b> after bridge at Llanerfyl	Club Members	<b>S = 2 L = 2 = 4 Low</b> River Level = 1.7	Correct supervision and group control by instructor, safety brief.	
Grade 2 -3 Rapids; continuously  Note: main danger are "Overhanging" branches, particularly in the Spring, Summer & Autumn months	Club Members	<b>S = 4 L = 4 = 16 High</b>	Check Environment Agency or Rain chasers for Current River levels at Llanerfyl for appropriate levels  Correct supervision and group control by instructor, safety brief	
Stock Fence across the river, approx. 003072 about a mile above the bridge at Goetre More likely during Summer months, but take note	Club Members	<b>S = 5 L = 4 = 20 High</b>	Section after the 2 <sup>nd</sup> bend in river, see map on rainchasers  Correct supervision and group control by instructor, safety brief	

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Drowning - "Overhanging" branches	Club Members	<p><b>S = 4 L = 4 = 16 High</b> River gauge between 1.7-1.9</p> <p><b>S = 4 L = 5 = 20 High Risks</b> <b>River gauge above 2.00</b></p>	Check Environment Agency for Current River levels at Llanerfyl. Correct supervision and group control by instructor, safety brief. Apply "Buddy" checks on helmets & buoyancy aids, boats	
Over hanging tree or strainers	Club Members	<p><b>S = 4 L = 4 = 16 High</b> Identify hazard areas to paddlers.</p> <p><b>S = 4 L = 5 = 20 High Risks</b> <b>River gauge above 2.00</b></p>	Correct supervision and group control by instructor, safety brief. Advised to avoid & informed how to escape entrapment.	<p><b>River Gam 26<sup>th</sup> October 2019</b></p> <p><b>Action:</b> To contact farmer in order to remove over hanging tree or strainers on a field trip in appropriate weather &amp; environmental conditions.</p>
Medicinal risks	Club Members	<p><b>S = 2 L = 2 = 4 Low</b> Friends not taking necessary medication.</p> <p>Unauthorised consumption of medication</p>	Agreed action between participants & instructors of routine consumption of necessary medication. Instructors may hold any necessary medication on request/agreement of participant involved.	
Weather & Environmental Conditions	Club Members	<p><b>S = 5 L = 5 = 25 High Risks</b> Floods</p> <p><b>River gauge above 2.00</b></p>	Check weather forecast & river levels. Dynamic risk assessment. Re-locate or cancel if inappropriate to group ability	

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Weather related injury  Hypothermia  Hyperthermia.	Club Members	<b>S = 3 L = 3 = 9 Med</b> Advised on appropriate clothing to wear. Adjustment to clothing as required, e.g. use of wet to dry suit depending on weather forecast, temperature & time of year.	Check weather forecast. Dynamic risk assessment.  Correct supervision and group control by instructor, safety brief; recommended kit to wear.  Sun block, extra water, hot drink, change of clothing  Group shelter	
Slips, trips & falls	Club Members	<b>S = 3 L = 3 = 9 Med</b> Identify hazard areas to paddlers.	Correct supervision and group control by instructor, safety brief. Dynamic risk assessment.	
Sprains, strains, soft tissue injuries	Club Members	<b>S = 3 L = 3 = 8 Low</b> Trained to lift correctly. Ask for help. Trained to paddle correctly.	Dynamic risk assessment.  Correct supervision and group control by instructor, safety brief.  On-going training in manual handling	
Pollution & water quality	Club Members	<b>S = 3 L = 3 = 9 mod</b> Advised to bath/shower after paddle.  Made aware of flotsam	Risks higher in "Spate" conditions.  Avoid intentional capsizes in poor conditions	

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Other river uses	Club Members	<b>S = 3 L = 3 = 9 Med</b> Paddlers instructed to be aware of other uses & how to take appropriate action to avoid them.	Dynamic risk assessment. Correct supervision and group control by instructor, safety brief.	
Illness & fatigue	Club Members	<b>S = 3 L = 3 = 9 Med</b> Paddlers to inform instructors	Correct supervision and group control by instructor, safety brief. Dynamic risk assessment. First aid kit, food and water, evacuation procedures and assistance.	
Road Traffic accident Breakdown	Club Members	<b>S = 5 L = 4 = 20 High</b> Paddlers to follow instructions from leaders	Dynamic risk assessment. Correct supervision and group control by instructor, safety brief. First aid kit, food and water, evacuation procedures and assistance.	
Equipment: unserviceable	Club Members	<b>S = 2 L = 3 = 6 Low</b> Loose seat, footrest, ratchets, missing bung,	Periodic safety checks of equipment, qualified instructors.	

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Fisherman; various spots below & above rapids; line & hook causing facial injuries		<b>S = 2 L = 2 = 4 Low</b> Identify & inform participants & instructors.	Dynamic risk assessment. Correct supervision and group control by instructor, safety brief.	
Bridge Stanchions'	Club Members	<b>S = 4 L = 3 = 12 Med</b> Avoid paddling in front of bridge Stanchions, as this may lead to a capsize.	Correct supervision and group control by instructor, safety brief. Dynamic risk assessment.	

# Handout (1) CALCULATION OF RISK SEVERITY

In assessing a RISK you need to take into account two factors:

- (1) How serious could an injury be?
- (2) How likely is it to occur?

The following would be a rough guideline:

**High Risk:** A very serious injury that had a high probability of occurring.

**Med. Risk:**

- Either (a) A serious injury unlikely to occur  
(b) A lesser injury likely to occur

**Low Risk:**

Would be a slight injury that was unlikely to occur.

- If you take (1) above as a scale of 1 to 5 (5 = high) Seriousness  
(2) above as a scale of 1 to 5 (5 = high) Likelihood

Then, multiply them together, this would give a scale as follows:

Translating into: LOW (1-8) MED. (9-17) HIGH RISKS (18-25)

## SERIOUSNESS OF INJURY

- 5 = Very high potential for multiple death and/or wide spread destruction.
- 4 = High causing death or serious injury to an individual, i.e. reportable accident under the RIDDOR regulations.
- 3 = Moderate causing injury or disease capable of keeping an individual off work for three days or more, may require reporting under RIDDOR regulations.
- 2 = Slight causing minor injuries, i.e. person able to continue work after first aid.
- 1 = No risk of injury or disease.

## LIKELIHOOD OF THE EVENT OCCURRING

- 5 = Very likely, almost certain.
- 4 = Likely to occur, i.e. easily precipitated with slight carelessness for external event, e.g. vibration.
- 3 = Quite possible, the accident is only likely to occur with help, i.e. if somebody slips, failure to replace a light, etc.
- 2 = Possibly - probably is low or minimal.
- 1 = Not likely at all, there is really no risk and accidents will only occur under freak conditions.

