

## Appendix C – Risk Analysis

		Impact				
		Negligible	Minor	Moderate	Significant	Severe
Likelihood	Very Likely	Low Med	Medium	Med Hi	High	High
	Likely	Low	Low Med	Medium	Med Hi	High
	Possible	Low	Low Med	Medium	Med Hi	Med Hi
	Unlikely	Low	Low Med	Low Med	Medium	Med Hi
	Very Unlikely	Low	Low	Low Med	Medium	Medium

Risk Detail	Probability and Impact	Mitigation
Prosecution by the Environment Agency for failure to carry out our statutory duties as a reservoir undertaker. This may involve fines and / or criminal prosecution, depending on the seriousness of the failings.	Medium-high	Retain thorough records of activities carried out and any mitigating actions / processes implemented.
Prosecution under the H&S Act for failure to maintain reasonably safe spaces for staff and site users. This may involve fines and / or criminal prosecution, depending on the seriousness of the failings.	Medium-high	Retain thorough records of activities carried out and any mitigating actions / processes implemented.
Risk of extensive flooding with resultant detriment to civil infrastructure, private property, and public safety. This may involve fines and / or criminal prosecution, depending on the seriousness of the failings.	Medium-high	Close monitoring of the reservoir structures to identify potential issues at the earliest opportunity. Close monitoring of weather forecasts to enable water levels to be managed proactively.
Cost estimates above may not be reflective of market prices at time of procurement. This could lead to overspend vs values in section 2 resulting in the need for additional funding approval and possible delays to works.	Medium-high	Cost estimates do incorporate some contingency value.  2021/22 procurement activities to take place at earliest opportunity to reduce risks of price change for immediately necessary works.

Risk Detail	Probability and Impact	Mitigation
<p>Timelines for completion of works are subject to availability of suitably qualified contractors. This could result in delays to proposed schedules which are largely time limited for ecological reasons.</p> <p>Where works are considered critical for H&amp;S reasons this could lead to increased risk of harm to site users and the neighbouring population.</p>	Medium-high	<p>Where possible utilize call off frameworks rather than open tenders.</p> <p>Engage the market as early as requirements are known to ascertain availability.</p> <p>Where necessary, for critical work with limited suppliers, utilise waiver processes to speed up appointments.</p>
<p>Works could create pollution in the water and surrounding park which could lead to harm to flora and fauna</p>	Medium	<p>All contractors would have to illustrate how they will prevent/minimize risk of contamination and transference of invasive species to / from the site during works.</p>
<p>Site users could be injured while works are being carried out.</p>	Medium	<p>Contractors to demonstrate site management activities to minimize risks to site users.</p> <p>Advance notice to be displayed advising site users of forthcoming works, any restrictions, reasons for the works and expected timeline for completion.</p>
<p>Civil action by BDAAS for obstructing their right to fish at Worsbrough.</p>	Low-medium	<p>Maintain constructive dialogue with BDAAS representatives and ensure they are consulted on any activities.</p>
<p>Civil action by members of the public if they come to harm as a result of accessing areas which are not reasonably safe.</p>	Low-medium	<p>Where necessary, cordon off unsafe areas to prohibit access by the public.</p> <p>Display notices regarding actions/works and reasons for closures/restrictions.</p>
<p>Works may cause disruption and inconvenience for visitors and staff. This could impact visitor numbers and therefore, potentially, income for the site cafés and local shops.</p>	Low-medium	<p>Contractors to demonstrate site management activities to minimize disruption.</p> <p>Advance notice to be displayed advising site users of forthcoming works, any restrictions, reasons for the works and expected timeline for completion.</p>