

Annex B: Example biosecurity risk assessment

SITE SPECIFIC BIOSECURITY RISK ASSESSMENT			
Task /Activity /Item:			
Location:			
Personnel exposed:			
Person(s) conducting Assessment:			
Reference Number:		Date:	

SEVERITY RATING	LIKELIHOOD RATING	RISK MATRIX							
		Likelihood							
			1	2	3	4	5		
1 Introduction of biosecurity threat, unlikely to establish or spread.	1 Could happen but probably never will.	Severity	1	L	L	L	L	L	Acceptable - additional controls where required/ensure existing controls are maintained
2 Introduction of biosecurity threat that may establish and require temporary measures and minor costs to remove.	2 Not likely to occur in normal circumstances.		2	L	L	L	M	M	
3 Introduction of biosecurity threat that establishes, spreads further and requires long-term management and financial costs to remove.	3 May occur at some time.		3	L	L	M	M	M	
4 Introduction of biosecurity threat that permanently establishes and spreads in the wider environment requiring ongoing intensive measures and financial/social costs to mitigate its impact.	4 Expected to occur at some time.		4	L	M	M	H	H	Risk must be reduced before work starts. High level of supervision and monitoring required for the task.
5 Introduction of unmanageable biosecurity threat that establishes and spreads in the wider environment causing catastrophic impacts to native species/agriculture/aquaculture/animal or human health at great financial/social cost.	5 Expected to occur regularly under normal circumstances		5	L	M	M	H	H	

Biosecurity risk	Risk Rating Pre-control			Mitigation measures (e.g., cleaning kit or redirecting access route to avoid biosecurity threat)	Risk Rating Post-control			Implementation requirements (e.g., access to a personal biosecurity kit)
	Severity	Likelihood	Risk Rating		Severity	Likelihood	Risk Rating	
Footwear carrying potentially contaminated material (soil, leaf litter, other organic material).	3	4	M	Clean footwear of all visible potentially contaminated material using water and a brush. Spray cleaned footwear with an appropriate disinfectant.	1	1	L	Access to a suitable personal biosecurity kit. Training on the use of appropriate disinfectants.
Potential contact with livestock of unknown health status to reach site.	4	4	H	Redirect access route to avoid entering premises with livestock.	1	1	L	Map of area surrounding site visit.
Collecting samples from watercourses inhabited by killer shrimp (<i>Dikerogammarus villosus</i>).	5	5	H	Clean equipment, including nets and PPE, of all potentially contaminated material using clean water and a brush. Leave equipment to dry thoroughly before next use.	1	1	L	Access to a suitable personal biosecurity kit. Access to an area in which equipment can be securely left to dry.

*A blank copy of this form can be found on Defra Biosecurity Hub - www.nonnativespecies.org/personalbiosecurity