

Basic Risk Register

Title: Safety / Environmental Risks resulting from
Climate Change
Based on findings contained in HM Government
UK Climate Change Risk Assessment 2022 &
Summary for Wales (CCRA3-IA)

Review Team: Steve Morris

Date: 26/06/2025 Rev 3

No	Risk Title	Risk Description				Mitigation Action	Owner	Due Date	Action Status			
			Likelihood	Severity	Risk					Likelihood	Severity	Risk
1	Climate Change	Coastal Flooding	1	1	1	Based on the NRW flood risk map, there is very low risk from coastal flooding at both STA and BOD sites.	n/a	n/a	n/a			
2	Climate Change	River Flooding	1	1	1	Based on the NRW flood risk map, there is very low risk from river flooding	n/a	n/a	n/a			
3	Climate Change	Surface/Small Watercourse Flooding	4	2	8	STA site is identified as high risk for surface/small watercourse flooding. BOD site is identified as low risk (NRW Flood Risk Map) Develop flood protection strategy to include emergency protection of hazardous waste areas in the event of a flood event.	SM	31/12/2025	O			
4	Climate Change	Infrastructure - loss of power supply to safety systems	5	3	15	Safety critical systems such as fire detection and gas monitoring systems are fitted with battery backup.	n/a	n/a	n/a	1	3	3
5	Climate Change	Wildfires	1	4	4	Physical location of sites and proximity to potential risk areas make this an unlikely risk.	n/a	n/a	n/a			0
6	Climate Change	Exposure to Higher Temperatures	3	3	9	Machine Shop is the only production area without air conditioning, however there are large extraction fans in the roof space to generate air movement. No further action required at present.	n/a	n/a	n/a			
7	Climate Change	Coastal Erosion	1	3	3	Neither STA or BOD sites are exposed to this risk due to physical location.	n/a	n/a	n/a			0
8	Climate Change	Risk to health due to vector borne disease.	2	3	6	Well practiced protocols and precautions developed during COVID pandemic could be reintroduced.	n/a	n/a	n/a			0
9	Climate Change	High winds - damage to building structure and critical equipment	2	2	4	Site is kept in good repair, the only critical infrastructure located above roof height is the stack for BP. Damage to this could be mitigated by stopping the process and isolating the toxic gas systems. Review BP procedures to determine whether they need to be amended.	BP	30/09/2025	O			0
10	Climate Change	Lightning strikes	3	3	9	Investigate improved lightning protection for buildings.	SM	30/06/2026	O			0
11	Climate Change	Drought	2	2	4	No critical likely to be affected.	n/a	n/a	n/a			0
12	Climate Change	Heavy Snow	2	2	4	Site is in a well served area for gritting of primary routes by Local Council. In addition a proactive gritting contract is in place with a private contractor to cover the site roadways and footpaths. As part of this contract, reactive snow clearance is available.	n/a	n/a	n/a			0
13					0							0
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