

0724-08 Churnetside Business Park - Erection of Industrial Building

Designers Risk Assessment

HAZARD	POTENTIAL DAMAGE	RISK BEFORE CONTROLS			CONTROL MEASURES	RESIDUAL RISK		
		L	C	R		L	C	R
Ground Gas	Potential lateral migration of ground gas to neighbouring properties.	3	2	6	Permeable stone layer introduced under building with pathway to external perimeter allowing gas to escape as existing.	2	2	4
Ground Gas	Potential lateral migration of ground gas to neighbouring properties.	4	2	8	Yard area to be kept as permeable surface, maintaining current situation.	2	2	4
Contaminates in ground and surface water	Mobilisation of contaminants and migration off site.	4	2	8	SW drainage is for roof only and to be a sealed system. reducing the likelihood of contamination migration into the network.	3	2	6
Contaminates in ground and surface water	Mobilisation of contaminants and migration off site.	4	2	8	De-watering of ground water during construction is not expected. Any collection of water will need to be managed by pumping to an appropriate container and removing from site to be disposed of by a certified waste contractor.	3	2	6
Contaminates in ground and surface water	Mobilisation of contaminants and migration off site.	4	2	8	Piling is proposed to be driven steel tubes socketed into the bedrock. Any arisings from foundation works is to be kept on site or removed and disposed of by a certified waste contractor.	2	2	4

0724-08 Churnetside Business Park - Erection of Industrial Building

KEY

L = Likelihood

1 = Negligible/Improbable

2 = Rare

3 = Unlikely

4 = Likely

5 = Highly Probable

C = Consequence

1 = Minimal/Minor

2 = Significant

3 = Serious

4 = Substantial

5 = Catastrophic

R = Risk

1-5 = Low Risk (no additional control measures required)

6-12 = Moderate Risk (implement control measures)

Above 13 = High Risk (Redesign required)