



RISK ASSESSMENT

COVID-19 + Warden/Ranger/Customer Service Staff Duties – Mugdock Country Park		RISK ASSESSMENT	
Document created:	Version Number: 2	Version Date: 1/11/20	Next Scheduled Review Date: on going
Service: PLACE, NEIGHBOURHOOD & CORPORATE ASSETS		Section: Place & Community Planning	Approved by/Document Owner: M Coulshed
Assessed by: M Ferguson			
Task: Unauthorised access to Craigend Quarry, Mugdock Country Park			People affected: Wardens/Ranger/Customer Service Staff/ Other staff and members of the public, emergency services
Location: Craigend Quarry, Mugdock Country Park			
Equipment/Plant: N/A			
Training or Competence Requirements:			

HAZARDS / SOURCE OF HAZARD	RISK	CONTROL MEASURES	Severity Rating (1 – 5)	Likelihood Rating (1 – 5)	Risk Rating (1 – 25)
1 Steep sheer drop	Falling from height onto rock or water causing severe injury or death	<ul style="list-style-type: none"> Ensure site has an adequate perimeter fence and high frequency warning signage. Encourage the growth of a hedge along the line of the fence. Liaise with emergency services to make them aware of potential site problems and encourage familiarisation of the site. Emergency services should be given up to date key contact information. EDC Emergency Response Team should also be familiar with the site. 	5	3	15
2 Deep water	Drowning, hypothermia	<ul style="list-style-type: none"> Ensure site has an adequate perimeter fence and high frequency warning signage. Encourage the growth of a hedge along the line of the fence. Liaise with emergency services to make them aware of potential site problems and encourage familiarisation of the site. Emergency services should be given up to date key 	5	3	15

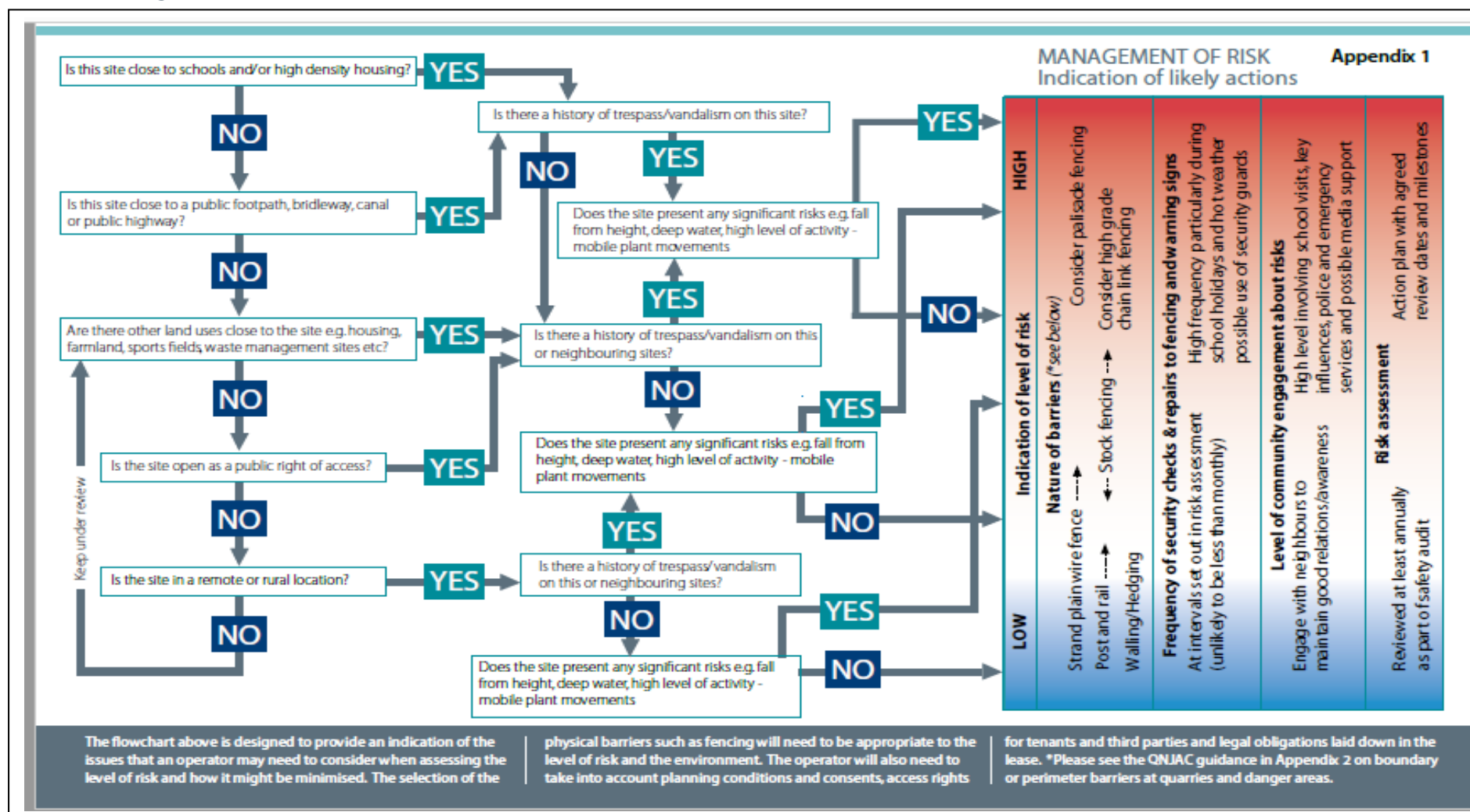
			contact information. EDC Emergency Response Team should also be familiar with the site.			
3	Friable quarry rockface, possibly unstable	Rockfall causing head/body injury. Falling from height causing severe injury or death	<ul style="list-style-type: none"> Ensure site has an adequate perimeter fence and high frequency warning signage. Encourage the growth of a hedge along the line of the fence. 	5	3	15
4	Cars and other rusty metal objects and sharp objects in water	Entanglement, leading to drowning. Lacerations, puncture wounds	<ul style="list-style-type: none"> Ensure site has an adequate perimeter fence and high frequency warning signage Online message warning of the dangers and reiterating no access to quarry to combat the glamorisation of Craigend Quarry through Youtube videos showing young people swimming into an underwater car carcass and sitting in the front seat. Investigate other relevant online forums and blogs and pursue the no access, dangerous site message. 	5	3	15
5	Jumping from height into water	Injury or death from : hitting rock on way down; hitting water; hitting object in the water or hitting the quarry bottom	<ul style="list-style-type: none"> Ensure site has an adequate perimeter fence and high frequency warning signage Online message warning of the dangers and reiterating no access to quarry to combat Youtube videos glamorising Craigend Quarry cliff jumping. Investigate other relevant online forums and blogs and pursue the no access, dangerous site message. Block access to main jumping by hammering short stobs into the ground and felling trees over area. Winch trees in to position so there is no access to the cliff edge. 	5	3	15
6	Remains of buildings and structures. Rusty metal objects and other sharp objects on land. Uneven ground.	Cuts and bruising, strains and sprains	Ensure site has an adequate perimeter fence and high frequency warning signage. Encourage the growth of a hedge along the line of the fence.	3	3	9
7	Unknown hazardous substances in water and on land e.g. asbestos,	Asbestosis, poisoning, skin rashes	<ul style="list-style-type: none"> Ensure site has an adequate perimeter fence and high frequency warning signage 	5	2	10

	chemicals, fuel/oil from abandoned vehicles					
8	Steep unstable slippery banks making egress difficult	Grazes, cuts, sprains	Ensure site has an adequate perimeter fence and high frequency warning signage	2	3	6
9	Gatherings close to cliff edges and falling off by mistake	Injury or death from : hitting rock on way down; hitting water; hitting object in the water or hitting the quarry bottom	<ul style="list-style-type: none"> • Ensure site has an adequate perimeter fence and high frequency warning signage • Consider blocking access to main jumping area by hammering short stobs into the ground and felling trees over area. Winch trees in to position so there is no access to the cliff edge 	5	3	15
10	Camping close to cliff edges – falling off due to disorientation from tiredness, darkness	Injury or death from : hitting rock on way down; hitting water; hitting object in the water or hitting the quarry bottom	<ul style="list-style-type: none"> • Ensure site has an adequate perimeter fence and high frequency warning signage • Consider blocking access to main jumping and camping area by hammering short stobs into the ground and felling trees over area. Winch trees in to position so there is no access to the cliff edge. 	5	3	15
11	Drug and alcohol use near to cliff edges and deep water. Impaired judgement.	Injury or death from : hitting rock on way down; hitting water; hitting object in the water or hitting the quarry bottom	<ul style="list-style-type: none"> • Ensure site has an adequate perimeter fence and high frequency warning signage • Block access to main jumping and camping area by hammering short stobs into the ground and felling trees over area. Winch trees in to position so there is no access to the cliff edge. 	5	3	15
12	Perimeter fence	Cuts, puncture wounds, sprains and strains	In non-emergency situations the high fence reinforced with sheep fencing and barbed wire could become a problem for park staff and emergency services who need to access the	2	4	8

Risk Rating Calculator				Action Level Table	
	Likelihood that hazardous event will occur		Consequences	Risk rating	Action
1	very unlikely	1	insignificant – no injury	20–25	Stop – stop activity and take immediate action
2	unlikely	2	minor – minor injuries needing first aid	15–16	Urgent action – take immediate action and stop activity if necessary, maintain existing controls rigorously
3	fairly likely	3	moderate – up to three days' absence	8–12	Action – improve within specified timescale

4	likely	4	major – more than seven days' absence	3–6	Monitor – look to improve at next review or if there is a significant change
5	very likely	5	catastrophic – death	1–2	No action – no further action but ensure controls are maintained and reviewed

Quick reference guide for management of public safety



The above table was taken from GUIDELINES FOR THE MANAGEMENT OF PUBLIC SAFETY ON MPA MEMBERS' OPERATIONAL AND NON OPERATIONAL SITES

Updated March 2015

MPA stands for the **Mineral Products Association** and is the trade body for the UK's aggregates, cement and concrete industries.

If we use the above table as a guide then Craigend Quarry comes out as high risk and requires an Action Plan going forward.