

RA: SL028 Floodplain Forest Nature Reserve (within Ouse Valley Park Wolverton/New Bradwell)



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|---------------|--|--------------|---------------------------|
| Original Date | 19.10.2016 | Review dates | March 2017 JD |
| Originator | Phil Bowsher, Head of Landscape Strategy & Development | | January 2019 MT (Interim) |
| Reviewed by | Julie Dawes - Julie Dawes - Events and Community Engagement Manager; | | January 2020 MT (Interim) |
| Risk Rating | MEDIUM | Next Review | January 2021 |

L – Likelihood S – Severity RR – Risk Rating (Min. Rev Periods: Significant Risk (High) – 12 monthly; Medium and Low – 2 yearly)

| Hazards and Activity | People at Risk | Risk before controls | | | Control Measures | Residual Risk after controls | | |
|--|---|----------------------|---|----|--|------------------------------|---|----|
| | | L | S | RR | | L | S | RR |
| Site contains mosaic of water bodies and channels with varying depths, soft banks and formations – risk of entering/falling into water/drowning. | People entering the site - Public/visitors; customers/participants of events and activities; PT staff & volunteers; contractors | 3 | 5 | 15 | <ul style="list-style-type: none"> General adherence to PT Water Safety Policy and generic risk assessment control measures for water safety in parks. Site signage at entry points and at reminder locations advising of water risk. Site interpretation and promotional material (e.g. webpage) includes strong message about the wetland character of the site. Network of surfaced paths, boardwalks and bridges provide managed access routes clear of water bodies and channels. All boardwalks have handrails. Access to areas other than planned/surfaced routes discouraged. Site infrastructure designed to resist damaging effects of water immersion, materials are not slippery once emerged. Swimming not permitted. Patrols by PT Rangers and other staff if swimming witnessed. Walking across ice when frozen not permitted. Warning/advisory signs posted and promotion of awareness at higher risk times. All planned events and guided activities to have risk assessment All works within site to have site specific risk assessment | 1 | 5 | 6 |

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|---|--|---|---|----|--|---|---|---|
| Site subject to frequent flooding and fluctuation in water levels. Deeper and flowing water at times of flood; paths may become flooded. | As above | 4 | 5 | 20 | <ul style="list-style-type: none"> As additional to the above controls signage and web-based information advises of flood risk and encourages visitors to plan ahead and not to visit the site when flooding is likely. Site closure at times of extreme flooding. No works to take place when site is flooded. | 1 | 5 | 6 |
| Site fixtures and furniture including bridges/boardwalks and enclosed bird hides – risk of injury if damaged or not maintained. | Visitors | 2 | 2 | 4 | <ul style="list-style-type: none"> Use only of well-designed and constructed items. Advice procured from structural engineers as necessary for design and regular inspection of major items (bridges and bird hide supporting structures) Visual checks after each flood occurrence. Regular visual checks by PT staff and follow-up maintenance and repairs to ensure good condition and operation (e.g. of doors and bird watching hatches). Any damaged items temporarily closed off until repair can be undertaken. | 1 | 2 | 3 |
| Anti-social behavior and/or risk of attack to visitors when using enclosed bird hides | Lone visitors; PT staff and volunteers | 2 | 4 | 8 | <ul style="list-style-type: none"> Regular patrols by PT staff and volunteer rangers to provide a 'presence'. Follow up action involving the Police if anti-social activities occur or reports of suspicious activities are received. | 1 | 4 | 4 |
| Presence of grazing livestock within the site – may include horses/ponies. Risk of injury if approached either from the animals or by straying off paths. | Visitors | 3 | 3 | 9 | <ul style="list-style-type: none"> Site signage at entrance points and advisory information on website to advise of presence of animals and these are not to be approached or petted. Separation of public from animal enclosures where practical. Very clear signage to be displayed at entrance points if visitors can enter enclosures where livestock are present. Regular maintenance and repair of fences to contain livestock within planned enclosures. Selection of animals to include only non-aggressive species/breeds; any individual animals displaying aggressive or risky behaviour to be removed. | 2 | 3 | 6 |
| Management of livestock in semi-natural wetland terrain | PT staff/stock handlers | 4 | 4 | 16 | <ul style="list-style-type: none"> Only trained staff/stock handlers to be involved. Task- specific risk assessment to be undertaken and control measures implemented. | 2 | 4 | 8 |

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| Part of site temporarily used as operational quarry by Hanson. Risk to unauthorised persons entering this exclusion zone. | Visitors; PT staff & volunteers | 3 | 5 | 15 | <ul style="list-style-type: none"> Hanson retain occupation and operational responsibility for this area and operate fully quarry safety management protocols. Well maintained and robust exclusion fences separate the accessible nature reserve/park from the operational quarry zone. Clear signage displayed and maintained. | 1 | 5 | 5 |
| 3 rd party and Parks Trust organized activities may cause conflict with increased volume of persons in the park area. | Event participants, volunteers, staff, members of the public | 2 | 4 | 8 | <ul style="list-style-type: none"> All organised events and activities to be licenced and risk assessed. All activities are non-exclusive and have to ensure planning considers other park users. Organisers warned of site hazards. | 1 | 4 | 4 |

| New measures required | By whom | Expected date of completion | Status/Comments |
|---|----------------|------------------------------------|---|
| Access and safety management works to incorporate the quarry area into the accessible nature reserve/park when Hanson have completed their works. | PB | 2018/19 | This phase of work to be undertaken after Hanson have vacated the site. Hanson's restoration scheme to be monitored to manage any inherent risks within the restoration scheme. |
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A 5x5 risk grid should be used to evaluate the risk; Risk Rating = Likelihood x Severity

| | | Severity of Harm | | | | |
|--------------------------|--|---|--|---|---|---|
| | | 1 Minor - Causing minor injuries (e.g. cuts, scratches). No lost time likely other than first aid treatment. | 2 Low - Causing moderate injuries (e.g. sprains, bruises, lacerations). | 3 Medium - Causing temporary disability/significant injury (e.g. fractures). | 4 High - Causing permanent disability (e.g. loss of limb, sight or hearing). | 5 Major - Death to one or more people. Loss or damage is such that it could cause serious business disruption (major fire, structural damage). |
| Likelihood of Occurrence | 1 Unlikely/Remote - Loss, accident or illness could only occur under exceptional conditions. Situation is well managed and all reasonable precautions have been taken. | 1 | 2 | 3 | 4 | 5 |
| | 2 Low/Improbable - Situation generally well managed but occasional lapses could occur. Also applies to situations where people are required to behave in order to protect themselves but are well trained. | 2 | 4 | 6 | 8 | 10 |
| | 3 Medium/Occasional - Insufficient or substandard controls. Loss is unlikely during normal operation but may occur in emergencies or non-routine conditions.(e.g. keys left in vehicle, obstructed gangways, refresher training required) | 3 | 6 | 9 | 12 | 15 |
| | 4 High/Probable - Serious failures in management controls. Effects of human behavior or other factors could cause an accident but is unlikely without additional factor.(e.g. equipment not used properly, oil spill, poorly trained staff) | 4 | 8 | 12 | 16 | 20 |
| | 5 Almost Certain/Frequent - Absence of any management controls. Almost 100% certainty that an accident will happen. (e.g. live electrical conductor , faulty equipment, untrained staff). | 5 | 10 | 15 | 20 | 25 |

Multiplying relevant likelihood of occurrence by severity of harm gave a risk factor priority risk from identified hazards and activities as low/medium/high rating which was then checked in the table below to decide the level of actions required.

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|-------|---|
| 15-25 | High – unacceptable - immediate actions required |
| 6-12 | Medium – efforts should be made to reduce the risk |
| 1-5 | Low – acceptable – no action required – to be monitored |