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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Task/Activity/Item:** | | | A Swimming in a lake; **B** Being near water; **C** Being in an outdoor environment: sand, meadow, forest; **D** All activities at the event; **E** Setting up and taking down the event, including driving to the event area to and from car park | | | | | | | | | | | | | | | | |
| **Location:** | | | Lynford Water public lake, beach to the right of the Pine Hill, plus a route through forest and across open space from the car park to the beach. See map in application | | | | | | | | | | | | | | | | |
| **Personnel exposed:** | | | **E** = employee; **C** = customer/participant; **P** = members of public; **V** = volunteers | | | | | | | | | | | | | | | | |
| **Person(s) conducting Assessment:** | | | Imogen Radford, Project Lead | | | | | | | | | | | | | | | | |
| **Reference Number:** | | | **N/A** | | | | **Date:** | | | | | | 200622 | | | | | | |
| **SEVERITY RATING** | | **LIKELIHOOD RATING** | | | **Risk Rating Matrix** | | | **Likelihood** | | | | | | | |  | **RISK RATING**  (Severity x Likelihood) | | |
| **1** Minor injuries or discomfort, no medical treatment or measurable physical effects  **2** Injuries or illness requiring medical treatment. Temporary impairment  **3** Injuries or illness requiring hospitalisation  **4** Injury or illness resulting in permanent impairment  **5** Fatality | | **1** Could happen but probably never will.  **2** Not likely to occur in normal circumstances  **3** May occur at some time  **4** Expected to occur at some time  **5** Expected to occur regularly under normal circumstances | | | **Severity** | | |  | **1** | **2** | **3** | | | **4** | **5** |  | **L** | Acceptable – additional controls where required/ensure existing controls are maintained | |
| **1** | **L** | **L** | **L** | | | **L** | **L** |  |
| **2** | **L** | **L** | **L** | | | **M** | **M** |  | **M** | Risk needs to be reduced to tolerable/ acceptable where reasonably practicable to do so. Maybe necessary to apply interim controls until actions are completed | |
| **3** | **L** | **L** | **M** | | | **M** | **M** |  |
| **4** | **L** | **M** | **M** | | | **H** | **H** |  |
| **5** | **L** | **M** | **M** | | | **H** | **H** |  | **H** | Risk must be reduced before work can commence and a high level of supervision and monitoring will be required for the task. | |
|  | |  | | |  | | |  |  |  |  | | |  |  |  |
| **LOW =** | **1-6** | | | **MEDIUM =** | | **8-15** | | | | | | **HIGH =** | | | | | | | **16-25** |

**Risk assessment**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Hazards** | **Affected Personnel** | **Severity** | **Likelihood** | **Risk Rating** | **Existing Controls**  (e.g. training, safe working procedures, PPE, equipment selected, No. staff allocated to task, emergency plans & arrangements, lone working controls) | **Severity** | **Likelihood** | **Risk Rating** | **Additional Controls Required to bring risk rating down as far as reasonably practicable**  (e.g. supervision & monitoring, additional/specialist equipment, specialist PPE) |
| **A** Impact of cold water (and weather can impact water and air temperature), including cold water shock, cold incapacitation, hypothermia, cold after drop. | C, V | 3 | 2 | L | Participants given information on these risks and how to mitigate them, including dressing quickly in warm clothes afterwards. | 3 | 1 | L | Event is lifeguarded, by professional lifeguards trained in open water rescue and first aid, including recognising and dealing with impact of cold. |
| **A** Potential for unfamiliar swimmers to get swim failure/cold incapacitation but be far from shore and unable to return. | C, V | 3 | 2 | L | Participants will be advised to stay within a limited area appropriate for lifeguards to supervise, and will be told about Float To Live. | 3 | 1 | L | Professional lifeguards will be watching for signs of someone getting cold, and will be able to reach them quickly to rescue them if needed. |
| **A** Swimming in relatively warm water in a lake, and in sunshine before and afterwards: Potential for overheating, especially if wearing a wetsuit and being in sunshine | C, V | 2 | 2 | L | Participants given information on these risks and how to mitigate them, including considering whether they need wetsuit, using sun hat when not in the water. | 2 | 1 | L | Event is lifeguarded, by professional lifeguards trained in open water rescue and first aid, including recognising and dealing with overheating. |
| **A** Drowning. Injury. | C, V | 5 | 2 | M | Unlikely to occur, as rare, but not impossible | 5 | 1 | L | Event is lifeguarded, by professional lifeguards trained in open water rescue |
| **A B** Weil's disease | E, C, V | 2 | 2 | L | Participants advised to cover open wounds, wash hands thoroughly before eating, and be aware of symptoms of Weil's in order to seek medical advice afterwards if necessary. | 2 | 1 | L | Reminder after event of looking out for potential symptoms, in ‘more information’ communication |
| **A** **B** Effects of bacteria etc in natural water. Weeds. Stones, litter or mud underfoot | C, V | 2 | 2 | L | Weeds are not of a type that could trap anyone, and are minimal. Water quality will be tested at recommended interval before event using EU BWD aligned bathing water quality standards by accredited UKAS lab, and result from samples taken will be publicised and sent to FE. Visual monitoring on event day and before. Participants recommended to wear swim shoes | 2 | 1 | L | Spare shoes will be available on the day, warnings given if there are areas of weeds of concern, and any litter on the beach and entry point will be removed before the event |
| **A** **B** Wildlife, possibly swans, unlikely to have young, but if did could get aggressive or could panic participants | C, V | 1 | 2 | L | Very unlikely that the birds will cause an issue for the swimmers. They will keep away from the noise and disturbance. Participants warned about them. | 1 | 1 | L | Warnings will be given at the event if swans are around and could cause an issue when swimmers are entering or in the water |
| **A** Non-swimmer participants, including children – potentially higher risk of drowning or other incident | C | 5 | 2 | M | All participants are pre-booked, conditions include obeying lifeguard and other organiser instructions, including staying within their depth if a non-swimmer. The water slopes gradually from shallow to deep, and we will advise where it becomes deep. | 5 | 1 | L | Lifeguards will be watching for signs of someone getting cold or in distress of any other kind, and will advise if it is time for them to get out. |
| **B** Injury, slip, fall into water – impact as for swimming in water, with more potential for cold water shock from entering unexpectedly | E, C, V, P | 3 | 2 | L | Participants warned to take care, especially near water | 3 | 1 | L | If someone falls into water the lifeguard will rescue/deal with as needed |
| **C** High winds, lightning, pollution incident | E, C, V | 5 | 1 | L | Participants warned in advance that severe weather will mean cancellation or suspension of the event | 5 | 1 | L | Cancellation or suspension of swimming if winds are Force 7 or above, monitor for impact if high. Clear the water or no entry if there is lightning, or a pollution incident. |
| **C** trips, slips, falls on the path, grass, sand | E, C, V | 3 | 2 | L | People advised to take care and wear sensible footwear | 3 | 2 | L |  |
| **C** insects, ticks, other wildlife | E, C, V | 2 | 2 | L | People advised on the risks, including links to information about ticks | 2 | 1 | L | Reminder after event of looking out for potential symptoms from ticks, in ‘more information’ communication |
| **C** weather, cold, wet, windy, hot, sunny | E, C, V | 2 | 2 | L | People advised to take account of weather conditions and dress accordingly | 2 | 1 | L | Gazebo available for shelter if needed. Lifeguards can provide first aid if needed |
| **D** Covid 19 infection spread | E, C, V | 3 | 2 | L | All advised to follow government guidelines, including not attending if they have any symptoms of Covid 19 or are unwell, using sanitisers, and to follow directions from event organisers as a condition of attendance. Timings for each of the four groups of participants are carefully planned to minimise contact at changeover, people asked not to arrive too early and to leave promptly, and participants will be managed when changing and swimming and entering and exiting the water to remind them of distance. No spectators allowed in the event area, accompanying people only when needed by agreement, numbers kept to an appropriate level to allow distancing. No food or drink is provided; advised to bring their own. Touch points will be wiped clean at regular intervals. All participants have provided names and addresses.  Lifeguards have procedures and PPE for dealing with injury/medical issue, in line with detailed advice and procedures laid down by their governing body, the Royal Life Saving Society UK (RLSS). Participants have agreed that if necessary distancing rules might need to be set aside if priority must be given to deal with an emergency injury/issue. | 3 | 1 | L | Notices will be displayed at the event, sanitisers made available |
| **D** Dealing with an emergency requiring ambulance or other emergency services, not possible to drive right to the lake, outdoor environment | E, C, V | 5 | 1 | L | Ambulance and other services are aware of the vehicle access, and have their own measures to reach a casualty in an outdoors environment. | 5 | 1 | L | The organiser and other volunteers will have charged phones with a signal in order to call for emergency assistance if needed. Procedures included in emergency plan |
| **E** potential for injury to those doing this work or around | E, C, V, P | 3 | 2 | L | Staff/volunteers will be reminded about safe lifting of loads and using equipment. The driver of the vehicle bringing equipment for set up and take down will be reminded to move slowly and carefully as participants or members of the public could be arriving, leaving or around. | 3 | 1 | L | Reminder on the day to staff and volunteers |