

Aquapark

57

Overall Potential Risk Level:
Intolerable Risk

20

Overall Residual Risk Level:
Moderate Risk

10

Org Unit	Doncaster Culture & Leisure Trust -> Hatfield Activity Center
Location	Hatfield Activity Centre
Assessment Date	07/06/2022
Description	Aquapark
Activity Description	Public fun sessions on the Aquapark inflatable course
People Exposed	Members of public Members of Staff Participants Children / Young adults
Assessment Conclusion	Continue to monitor and review RA as required
Is This An Acceptable Risk?	Yes
Assessor Name	Michele Parnham
Last Review	20/10/2022
Last Reviewed By	Michele Parnham
Next Review	20/10/2023

Hazards And Control Measures

HAZARD DESCRIPTION , HAZARD PHRASES	PERSONS AT RISK, HOW IS PERSON AT RISK	CURRENT CONTROL MEASURES	POTENTIAL RISK FACTOR	ADDITIONAL CONTROL MEASURES	RESIDUAL RISK AFTER CONTROLLED MEASURES
<p>Other (Describe in Hazardous Event Colum) Deflating of Aquapark</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults Deflation of Aquapark could lead to the activity becoming unsafe. The risk could be caused by adverse weather or puncture or degradation of the aquapark itself.</p>	<p>Daily checks are in place and remedial action will occur before usage PSI is monitored and increased where necessary at the beginning of each day / checked during the day. Aquapark is removed from the water and stored in a clean dry place over winter to reduce the risk of degradation. Anchor points, standard of aquapark reviewed each time it is removed, and replaced onto the lake</p>	<p>10 Moderate Risk Severity: 5 - Fatal/multiple casualties Likelihood: 2 - Remote</p>	<p>Continue to monitor and review RA as required</p>	<p>5 Low Risk Severity: 5 - Fatal/multiple casualties Likelihood: 1 - Improbable</p>

<p>Other (Describe in Hazardous Event Colum) Transmission of infection</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults Potential for transmission of infection from any incidents involving blood loss, vomit, faeces, saliva etc</p>	<p>The Aquapark will be sanitised with Odorbac, diluted 1:10 parts water and sprayed onto all above water surfaces in between each session and prior to the next session.</p> <p>Wetsuits are sanitised between each use.</p> <p>Water quality is tested and checked, and advice taken from Water Quality experts.</p>	<p>16 Substantial Risk Severity: 4 - Major Likelihood: 4 - Likely</p>	<p>Continue to monitor and review RA as required</p>	<p>8 Moderate Risk Severity: 4 - Major Likelihood: 2 - Remote</p>
<p>Other (Describe in Hazardous Event Colum) Entrapment</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults If entrapment was to occur than this could potentially lead to loss of consciousness through lack of oxygen and possibly death</p>	<p>Mandatory for all participants to wear a wetsuit and buoyancy aid to avoid becoming trapped under the Aquapark.</p> <p>All life vests are checked for fit and suitability by a member of staff for each person attending the session.</p> <p>Any participant found to be swimming under the Aquapark or removing their buoyancy aid during the activity will be asked to leave the session.</p>	<p>20 Intolerable Risk Severity: 5 - Fatal/multiple casualties Likelihood: 4 - Likely</p>	<p>Continue to monitor and review RA as required</p>	<p>5 Low Risk Severity: 5 - Fatal/multiple casualties Likelihood: 1 - Improbable</p>

<p>Water</p> <p>Drowning</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults</p> <p>Potential for drowning if participants don't wear buoyancy aids, stay within their level of capability</p> <p>Drowning could lead to loss of consciousness through lack of oxygen and possibly death</p>	<p>Mandatory for all participants to wear a wetsuit and buoyancy aid and will be monitored by appropriately qualified staff.</p> <p>All life vests are checked for fit and suitability by a member of staff for each person attending the session.</p> <p>Participants to align to rules of the Aquapark and to stay within their own capabilities</p>	<p>20</p> <p>Intolerable Risk</p> <p>Severity: 5 - Fatal/multiple casualties</p> <p>Likelihood: 4 - Likely</p>	<p>Continue to monitor and review RA as required</p>	<p>10</p> <p>Moderate Risk</p> <p>Severity: 5 - Fatal/multiple casualties</p> <p>Likelihood: 2 - Remote</p>
<p>Other (Describe in Hazardous Event Colum)</p> <p>First Aid required incidents</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults</p> <p>There is potential for physical injury or illness if rules are not followed or through inappropriate use of the Aquapark</p>	<p>Staff who are qualified in emergency first aid (minimum) are always on site during sessions.</p> <p>Defibrillator on site if required which can be used for both adult / children if required.</p> <p>Directions to site kept in main building to assist the emergency services in locating Hatfield Outdoor Activity Centre</p> <p>All other controls in place as listed throughout this Risk Assessment.</p>	<p>20</p> <p>Intolerable Risk</p> <p>Severity: 5 - Fatal/multiple casualties</p> <p>Likelihood: 4 - Likely</p>	<p>Continue to monitor and review RA as required</p>	<p>10</p> <p>Moderate Risk</p> <p>Severity: 5 - Fatal/multiple casualties</p> <p>Likelihood: 2 - Remote</p>

<p>Temperature Heatstroke</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults</p> <p>Adverse weather conditions meaning all people being exposed to prolonged time in the sun.</p>	<p>All participants are encouraged to sufficiently hydrate themselves and apply sunscreen prior to the commencement of their session.</p> <p>Regular breaks will be given in extreme conditions, session times will be reviewed if required.</p>	<p>6</p> <p>Low Risk</p> <p>Severity: 3 - Lost Time</p> <p>Likelihood: 2 - Remote</p>	<p>Continue to monitor and review RA as required</p>	<p>4</p> <p>Low Risk</p> <p>Severity: 2 - Minor</p> <p>Likelihood: 2 - Remote</p>
<p>Water Hypothermia</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults</p> <p>Potential risk for users becoming hypothermic from adverse weather or prolonged times spent in the water</p>	<p>Wetsuits / Buoyancy aids are mandatory for every participant and hot drinks are available on site if required.</p> <p>The water and air temperature is consistently monitored, and Aqua Park is not used when water temp is below 17 centigrade.</p>	<p>6</p> <p>Low Risk</p> <p>Severity: 3 - Lost Time</p> <p>Likelihood: 2 - Remote</p>	<p>Continue to monitor and review RA as required</p>	<p>4</p> <p>Low Risk</p> <p>Severity: 2 - Minor</p> <p>Likelihood: 2 - Remote</p>

<p>Other (Describe in Hazardous Event Column)</p> <p>Collision with another participant resulting in potential injury</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults</p> <p>Collisions whether intentional or inadvertent could lead to potential physical injury</p>	<p>A safety briefing is carried out before every session, specifically covering the risks of collisions with other participants and how to avoid.</p> <p>There will be limited capacity for each section of the inflatable based on the manufacturer guidance, reducing the opportunity of users gathering.</p>	<p>6</p> <p>Low Risk</p> <p>Severity: 3 - Lost Time</p> <p>Likelihood: 2 - Remote</p>	<p>Continue to monitor and review RA as required</p>	<p>6</p> <p>Low Risk</p> <p>Severity: 3 - Lost Time</p> <p>Likelihood: 2 - Remote</p>
<p>Slip, Trip & Falls</p> <p>Participant injury from falling from the Aquapark</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults</p> <p>Potential for physical injury due to fall</p>	<p>Aquapark will be anchored 10m from the Natural Lake to ensure sufficient depth / distance from any physical hazards should they fall from the Aquapark</p>	<p>6</p> <p>Low Risk</p> <p>Severity: 3 - Lost Time</p> <p>Likelihood: 2 - Remote</p>	<p>Continue to monitor and review RA as required</p>	<p>4</p> <p>Low Risk</p> <p>Severity: 2 - Minor</p> <p>Likelihood: 2 - Remote</p>

<p>Water</p> <p>Inadequate swimming ability</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults</p> <p>Inadequate swimming ability - making it unsafe for the participant to take part in the activity.</p>	<p>Aquapark will be anchored 10m away from the Natural Lake Pool so that lifeguards are able to assess swimming ability if necessary.</p> <p>It will also be mandatory for all participants to wear a wetsuit and buoyancy aid for the duration of the activity.</p> <p>All users will adhere to Doncaster Culture and Leisure Trust's admission policy</p>	<p>6</p> <p>Low Risk</p> <p>Severity: 3 - Lost Time</p> <p>Likelihood: 2 - Remote</p>	<p>Continue to monitor and review RA as required</p>	<p>3</p> <p>Minimum Risk</p> <p>Severity: 3 - Lost Time</p> <p>Likelihood: 1 - Improbable</p>
<p>Other (Describe in Hazardous Event Colum)</p> <p>Inadequate Supervision</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults</p> <p>Lack of supervision has potential to render the session unsafe for participants and unmanageable for staff.</p>	<p>All sessions supervised by staff with a minimum of a nationally recognised pool lifeguard qualification with open water lifesaving training and ongoing CPD training.</p>	<p>9</p> <p>Moderate Risk</p> <p>Severity: 3 - Lost Time</p> <p>Likelihood: 3 - Possible</p>	<p>Continue to monitor and review RA as required</p>	<p>3</p> <p>Minimum Risk</p> <p>Severity: 3 - Lost Time</p> <p>Likelihood: 1 - Improbable</p>

<p>Water</p> <p>Other water users</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults</p> <p>Watercraft and other water users may be present at the time of operation, potentially leading to collision or damage to the Aquapark</p>	<p>Area to be cordoned off exclusively for the Aquapark.</p> <p>Site staff to monitor other activities and participants to ensure they remain in their designated areas.</p>	<p>9</p> <p>Moderate Risk</p> <p>Severity: 3 - Lost Time</p> <p>Likelihood: 3 - Possible</p>	<p>Continue to monitor and review RA as required</p>	<p>4</p> <p>Low Risk</p> <p>Severity: 2 - Minor</p> <p>Likelihood: 2 - Remote</p>
<p>Other (Describe in Hazardous Event Colum)</p> <p>Participants being unaware of safety rules.</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults</p> <p>Participants acting in an unsafe or reckless manner therefore endangering themselves and fellow users</p>	<p>All participants to be shown a safety briefing video and offered the chance to ask any questions prior to commencement of the activity.</p> <p>4 lifeguards will be present to continually enforce the Aquapark rules.</p>	<p>9</p> <p>Moderate Risk</p> <p>Severity: 3 - Lost Time</p> <p>Likelihood: 3 - Possible</p>	<p>Continue to monitor and review RA as required</p>	<p>6</p> <p>Low Risk</p> <p>Severity: 3 - Lost Time</p> <p>Likelihood: 2 - Remote</p>

<p>Environmental Conditions Prevailing Weather Conditions</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults Presenting a risk of the Aquapark capsizing and therefore making it unsafe to have participants on the Aquapark</p>	<p>Weather forecast and conditions to be monitored daily by site management.</p> <p>Activity to be stopped in the event of high winds or thunderstorms.</p> <p>If the windspeed reads above 25 knots the wind speed will be recorded 3 times per day by an anemometer and the local weather forecast.</p> <p>If water temperature falls below 17, the Aquapark will be closed</p>	<p>9 Moderate Risk Severity: 3 - Lost Time Likelihood: 3 - Possible</p>	<p>Continue to monitor and review RA as required</p>	<p>3 Minimum Risk Severity: 3 - Lost Time Likelihood: 1 - Improbable</p>
<p>Water Cold Water Shock</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults Cold water shock could cause the participant to become panicked and disorientated whilst in the water.</p>	<p>Wetsuits to be provided and safety instructions of what to do if user unexpectedly enters the water.</p> <p>Lifeguard stationed at point of entry near the steps of the natural lake pool where shock is most likely to occur.</p> <p>Water temperature monitored closely and no use of Aquapark if water temperature is below 17.</p>	<p>15 Substantial Risk Severity: 5 - Fatal/multiple casualties Likelihood: 3 - Possible</p>	<p>Continue to monitor and review RA as required</p>	<p>6 Low Risk Severity: 3 - Lost Time Likelihood: 2 - Remote</p>

<p>Other (Describe in Hazardous Event Colum) Overcrowding</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults If overcrowding is allowed to happen than this could render the session unsafe for participants and unmanageable for staff</p>	<p>All sessions are limited to 60 participants and must be pre-booked. Site staff scan tickets and head count onto the Jetty prior to the commencement and head count off the jetty at the end of the session.</p> <p>Participants are also counted 'off' the aquapark to ensure no missing person, or that anyone has accessed or used the aquapark from another area of the lake</p>	<p>12 Substantial Risk Severity: 4 - Major Likelihood: 3 - Possible</p>	<p>Continue to monitor and review RA as required</p>	<p>4 Low Risk Severity: 4 - Major Likelihood: 1 - Improbable</p>
<p>Slip, Trip & Falls Slips, trips & Falls</p>	<p>Activity Participants, Members of staff, Members of public, Children / Young Adults Slips, trips and falls could lead to potential physical injury to any person on site</p>	<p>Staff to make sure there are no trip hazards or obstacles on the site and keep all Lakeside / Walkways clean. This is included in daily checks.</p>	<p>9 Moderate Risk Severity: 3 - Lost Time Likelihood: 3 - Possible</p>	<p>Continue to monitor and review RA as required</p>	<p>6 Low Risk Severity: 3 - Lost Time Likelihood: 2 - Remote</p>