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| **Name of Activity** | Water Activities – SUP / Rafting / Coracles | **Date of Risk Assessment** | 20.5.24 | **Name of who undertook this Risk Assessment** | G Thorpe  T Murrell  S Butler |
| **Date of Next Review** | May 2025 |

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| **Hazard Identified? / Risks from It?** | **Who is at Risk?** | **How are the risks already controlled?**  **What extra controls are needed?** | **What has changed that needs to be thought about and controlled?** |
| ***Hazard*** *– something that may cause harm or damage.*  ***Risk*** *– the chance of it happening.* | *Young people*  *Leaders*  *Visitors?* | ***Controls*** *– Ways of making the activity safer by removing or reducing the risk from it. For example - you might use a different piece of equipment or you might change the way the activity is carried out.* | *Keep* ***checking*** *throughout the activity in case you need to change it…or even stop it! This is a great place to add comments which will be used as part of the review.* |
| **Leaders not competent in conducting water activities**  (Risk of harm coming to group and or individuals***)*** | Young People,  Instructors, Leaders, Visitors (Participants) | No formal permit is required for SUP, Rafting of use of Coracles on the lake as it is deemed a Class C Water.  Leaders in charge need to be competent though in managing water activities  For SUP activities, a maximum of 18 persons on the water at any time.  For Rafting activities, maximum of three rafts at time can be used in the water at any time, with a maximum of 18 persons on the water.  For activities involving Coracles (or similar constructed craft), a maximum of 8 persons can on the water at any time – with an additional supervisory person on the water    If an external party has booked to use the Lake for watercraft activities, then the leader of the party must be able to demonstrate the competency to run such activities, that can include hold an appropriate qualifications (e.g., British Canoeing Grade 1 or higher).  For any water activity a Double Kayak must be present on the water, manned by a competent leader to act as a rescue craft.  It is the responsibility of the Site Team to verify an Individuals permit PRIOR to commencement of the activity. | *Note : The lake at Boyd is classed as a Class C water and under POR, no limit has been set for the number of craft that can be allowed on the water. Based on sought advice and observing the activity the above number was decided upon and must be adhered to, until otherwise instructed – whereby this Risk Assessment shall be amended* |
| **Drowning**  (Potential loss of life) | Young People,  Instructors, Leaders, Visitors (Participants) | Full safety brief given prior to start of activities.  Correct clothing and Buoyancy Aids to be worn by all participants on the water.  Trained & Competent Leader / Instructor to accompany young People in the water during the activity.  One leader required to be on the water at all times (see below) during the activity with at least TWO on the bank with rescue ropes to give assistance.  For any water activity a Double Kayak must be present on the water, manned by a competent leader to act as a rescue craft.  Mobile Phones to be carried by at least two leaders / instructors (to call emergency services if required)  Instructors to be familiarised in the relevant rescue techniques  Leaders to be instructed in then correct use of Life Rings and Rescue Ropes prior to commencing any water activity  Continuous and effective supervision by instructors and/or leaders throughout activities.  Leader(s) and instructors must be trained in First Aid (and hold an up-to-date qualification).  First aid kit (including portable AED) to be in close proximity to the lake area when in use.  In the case of capsize, leaders / instructor to ensure all participants involved are accounted for and safe.  ANY NON-PADDLERS / NON PARTICIPANTS MUST STAY AWAY FROM WATER’S EDGE UNLESS WEARING A LIFEJACKET  Buoyancy aids checked by staff prior to the session beginning, for damage and /or wear  Instructor / Leader vigilance throughout the session to ensure buoyancy aids are worn correctly | Life rings in position around lake  Rescue Ropes to be handed out to leaders on land to use as part of rescue  Buoyance aids to be checked on an annual basis for suitability |
| **Hypothermia**  (Ill health shock and potentially hospitalisation) | Young People,  Instructors, Leaders, Visitors (Participants) | Staff to ensure that clothing is appropriate to the prevailing weather conditions.  Instructors must take note of capsize incidents and ensure client does not become cold. Capsize practice not to take place if weather is inclement.  Staff to carry appropriate spare clothing / blankets throughout the activity |  |
| **Hit by paddles**  (cuts, bruises and broken fingers) | Young People,  Visitors (Participants) | Ensure that participants are aware of the dangers of wielding paddles in confined spaces.  Expectations regarding behaviour to be outline during the Safety Brief.  If splashing is to be allowed strict rules about distances between boats and the dangers to those in the same boat to be made known.  Correct sized paddles to be used for the size of individual. Instructor / Leader vigilance throughout the session  Helmets are available for use at the discretion of the leaders running the session, with the decision based on the age group on the water and the activities being undertaken. |  |
| **Submerged Objects / Debris in water**  (Potential head injury during capsize) | Young People,  Instructors, Leaders, Visitors (Participants) | ***As of the time of this Risk Assessment, tree stumps / bush stumps can be seen in the vicinity of the banks of the lakes. Users to be made aware of the hazards and told to avoid the edges as much as possible.***  Helmets are available for use at the discretion of the leaders running the session, with the decision based on the age group on the water and the activities being undertaken.  Instructor / Leader in charge should make a visual check of lake and vicinity (especially after high winds) to see any objects have fallen into lake.  Regular inspection of lake to be conducted by Site Staff to identify and remove any new hazard objects that have been deposited in the water. | Any issues regarding submerged objects should be communicated to the site team.  It is down to the discretion to determine if they are happy to run their activities on the lake knowing the status of potential hazards. |
| **Overhanging trees**  (Entrapment in low hanging branches) | Young People,  Instructors, Leaders, Visitors (Participants) | Working areas to be kept as clear as possible by pruning or reporting to appropriate agency for remedial work.  Periodic inspection of the lake especially after floods or strong winds. |  |
| **Contact with Biological / Bacterial Hazards**  Leptospirosis (Weils Disease), Red Algae, E.coli and similar from contaminated water  (Ill health and potential danger of death) | Young People,  Instructors, Leaders, Visitors (Participants) | Encourage all participants to wash their hands as soon after the activity.  Encourage participants to take showers if they either fall in or decide to swim in the river.  Participants warned to seek medical assistance if they believe they have been infected and feel unwell.  The Site Management are responsible for assessing the quality of water.  Water Quality to be analysed at least annually to check if there are any biological / bacterial hazards present in the water  If water quality in doubt to the quality of the water, activities involving capsize will be avoided and the Environmental Health will be contacted on how to proceed. |  |
| **Hyperthermia, sunburn and dehydration**  (ill health and skin burn from sun / water glare) | Young People,  Instructors, Leaders, Visitors (Participants) | Ensure participants are made aware of the dangers when appropriate.  The need to cover up and protect the head to be of prime importance.  Instructors to ensure they to carry spare clothing, drink and sun block where appropriate, due to potentially being on the water for longer periods of time. | In extreme weather situations (heatwave) it is down to the discretion of the Site Crew, based on any Government guidance regarding weather conditions, to allow activities to commence. Information will be communicated to all parties as soon as practicable. |
| **Equipment failure**  (Injury to participants) | Young People,  Instructors, Leaders, Visitors (Participants) | All equipment used to be checked prior to use by the supervising staff.  Any damaged or suspect equipment to be withdrawn from service until repaired or scrapped.  Annual recorded checks for all equipment including buoyancy aids, rescue ropes, life rings and all types watercraft to be carried out with records retained. |  |
| **Equipment Failure – Over pressure of SUP)**  (Risk of explosion of SUP) | Young People,  Instructors, Leaders, Visitors (Participants) | RED SUP Craft  4 Quandrant’ indicator on rear of SUP  4 Blue – pressure OK  2 RED – Overheating. Submerge in water to cool until red indicator subsides  4 RED – Overheated – Do not use – Remove form lake.  Note if RED craft are showing as being overpressure it is safe to assume that the Aqua Spirit craft will also be over pressure, due to overheating, and should also be treated in the same manner. |  |
| **Equipment Failure - Low Pressure**  -Risk of craft collapsing causing panic and distress to user |  | On a monthly basis, the SUPs will be checked by a member of the site team to ensure that they are inflated to 15 psi, with checks recorded on the SUP Checksheet. |  |
| **Equipment Failure - Personal Equipment / Equipment supplied by visiting groups**  (Injury to participants) | Young People,  Instructors, Leaders, Visitors (Participants) | It is the responsibility of the leader in change to ensure that all equipment is suitable and safe to use and that all equipment used to be checked prior to use.  Prior to conducting the activity, the leader in change will be required to complete the *Water Activity Disclaimer Form*, stating that the equipment brought to site for use is suitable & sufficient for the activity and that all required inspections have been conducted.  Any damaged or suspect equipment to be withdrawn from activity  Any equipment observed by the Site Crew that is unsuitable / unsafe will be required to be removed from the lake and not used. |  |
| **Capsize / overturning of watercraft**  (Risk of entrapment / drowning) | Young People,  Instructors, Leaders, Visitors (Participants) | Instructor / Leader vigilance throughout session and staff to carry appropriate emergency equipment (throw lines to assist with rescues if necessary.  Position of Instructors / Leaders throughout the session to ensure observation of the group.  Check footwear of participants to anticipate problems with inflexible soles, footwear that could retain water (wellies).  Instruct all participants in capsize drill.  Ensure that the remainder of the participants know what to do while a rescue is in progress. |  |
| **Falling getting on SUP board / falling onto SUP board having lost balance**  (Hitting head or body on bank / hitting head or body on board) | Young People,  Visitors (Participants) | Prior to session ensure participants are briefed about how to launch and recover and are shown a demonstration.  Helmets are available for use at the discretion of the leaders running the session, with the decision based on the age group on the water and the activities being undertaken. |  |
| **Injury from unfamiliar body movement during activity**  (Muscle Strains) | Young People, Leaders, Visitors (Participants) | Ensure all participants have warmed up properly before the session. |  |
| **Injury whilst on land**  (Manual Handling injury, Slip / Trips when entering & exiting water) | Young People,  Instructors, Leaders, Visitors (Participants) | Full safety brief given prior to start of activities.  Instructors trained in the relevant manual handling guidelines.  The instructor will instruct on manual handling concerning lifting equipment (i.e. constructed rafts) and pass that information onto the clients.  Instructors to supervise activities at all times  Area of operation to be checked for slips and trips hazards prior to start of activities.  Regular inspection of the lake entry point by the Site Team to assess any excessive wear that could present hazards during the activities. |  |
| **Standing on sharp object on the lake bed**  (Potential cut to foot / feet) | Young People,  Instructors, Leaders, Visitors (Participants) | Suitable footwear to be used (that does not present an additional hazard from its own usage i.e., use of hiking boots, wellies that could present an increased risk of drowning) |  |
| **Inclement weather**  (Potential for ill health incidents such as hypothermia or potential lightning strike during storms) | Young People,  Instructors, Leaders, Visitors (Participants) | Weather forecast checked daily at staff briefing.  All participants must be checked that clothing worn is appropriate to conditions.  In the situation of a thunder storm occurring when participants are utilising the lake. The activity should be ceased and participants taken off the lake and suspended for 15 minutes (after the last clap of thunder). |  |
| **Existing medical condition that could be an issue** (Existing medical condition such as Heart condition / epilepsy / asthma which could be exacerbated by exercise) | Young People,  Visitors (Participants) | Consent forms to be used for water activities where any pre-existing medical conditions will be enquired upon (to be managed by Leader in Charge and not Boyd Site Team (unless activities is specifically organised and run by Boyd Site Team).  In case of serious medical condition, the Leader in Charge to have written medical history of any serious condition of the participant and to have discussed any issues with participant in private, if necessary, with the final decision being made by the Leader in Charge whether it is safe for the person to participate (based solely in the grounds of health and safety, considering the provisions in place).  Participants giving opportunity before session to declare any worries or conditions that have become a concern since filling in form. |  |
| **Poor Behaviour** - Over excitement during activity  (Risk or injury and capsizing risk) | Young People,  Visitors (Participants) | For members of the Scout association - Code of Conduct outlined as part of safety brief to set clear expectations of behaviour prior to beginning activity.  For visitors – Absolutely no alcohol to be consumed during the activity.  Any persons deemed to be unfit to participate due to previous consumption of alcohol will not be permitted to patriciate  Expectation for behaviour during the activity to be outlined during the safety brief. |  |
| **Equipment Failure**  (Personal injury, buoyancy aid failure, potential drowning. | Young People,  Instructors, Leaders, Visitors (Participants) | Inspections of equipment to be carried out prior to each use  Equipment to be correctly stored and checked after each day to ensure all equipment can drain and dry to prohibit deterioration. |  |
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| ***Review****:*  *10.4.22 – Initial Assessment*  *4.8.22 – Revised number of persons on the water*  *10.4.23 – Inclusion of SUP pressure indicators*  *20.5.24 – Inclusion of referece to new SUPs, and clarification of arrangements in the event of a thunderstorm.* | | | |