

CAMP
PATERSON



Risk Assessment Raft Building



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Camp Paterson - Risk Assessment - Rafting

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|---|--|
| Date of Assessment: 15 January 2023 | Assessment completed by (Team members): SCOTT MAHAFFEY-Camp Paterson Staff |
| Work Group: Camp Paterson | |
| Review Date for Risk Assessment: 15/01/25 | |
| What is the task? Building Rafts on Camp Paterson Dams- Queensland | Location where task is being conducted: Camp Paterson - Dams |
| Briefly explain the procedure for this task: all safety features for building rafts to float across water expanses | |

| Step in Task | Hazards in carrying out this step | Risk (Harm) | EXISTING CONTROLS | Risk Rating with existing controls? | | | ADDITIONAL CONTROLS REQUIRED <small>Also complete Control Action Plan</small> | Risk Rating with additional controls? | | |
|--|--|--|---|---|------------------|-----------------------|---|---|------------------|----------------------|
| | | | | Consequences | Likelihood | Rating | | Consequences | Likelihood | Rating |
| Ensure you number each step. List major steps or tasks in process eg - Loading equipment - Driving to location - Operating Equipment | For Example - Noise - Dust/fumes/Vapours etc. - Heat/cold - Electrical - Moving Parts | For example - Physical Injury - Cut/graze - Chemical Burn | List all current controls that are already in place and will be used to undertake the task eg - Identify types facility, location - Existing safety measurers - Existing emergency procedures - List of Personal Protective Equipment (PPE) | | | | Additional controls may be required to reduce risk rating. Remember the hierarchy of control:- - Elimination - Substitution - Engineering - Administrative - Personal Protective Equipment | | | |
| 1. Loading and Unloading of craft materials | Manual Handling of Craft/weight loadings | Body/Limb Strain | Nil Controls | M O D | P O S S | M E D 13 | Staff to advise persons carrying craft to correctly manual handle craft materials Staff to ensure enough persons lifting craft materials onto Trailer | M O D | R A R E | L O W 6 |
| 2. Manual Handling and Carrying of Craft materials in moving water and/or on riverbanks | Manual Handling of Craft/weight loadings | Body/Limb Strain | Nil Controls | M O D | P O S S | M E D 13 | Staff to advise persons moving craft to correctly manual handle craft Staff to ensure all participants understand advice at briefing. | M O D | R A R E | L O W 6 |

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|--|--|---|-------------------|-------------------------------------|------------------|----------------------------|---|---------------------------------------|------------------|-----------------------|
| | | | | C A T | U N L K | H I G H 22 | | C A T | R A R E | M E D |
| 3.a. Falling out of Craft – Self Rescue | Drowning; Impact Injury from river features | Drowning; Impact Injury from river features | Nil Controls | | | | <p>Staff to confer on appropriate river journey due to river levels check prior to trip start.</p> <p>Staff to advise persons to correctly self-rescue via briefing before paddling begins.</p> <p>Staff to ensure all participants understand advice at briefing.</p> <p>Staff to monitor self-rescue techniques at all stages of journey.</p> <p>All participants to be wearing PPE</p> | | | 15 |
| 3.b. Falling out of Craft – Handling Craft in flowing water | Drowning; Manual Handling Injury | Body/Limb Strain; Fall/Trip Injuries | Nil Controls | M A J | P O S S | H I G H 18 | <p>Staff to advise persons to correctly recover craft via briefing before paddling begins.</p> <p>Staff to ensure all participants understand advice at briefing.</p> <p>Staff to monitor self-recovery techniques at all stages of journey.</p> <p>All participants to be wearing PPE</p> | M A J | R A R E | M E D 10 |
| 3.c. Falling out of Craft – Walking / Manoeuvring along riverbanks | Manual Handling Injury; Slips, Trips and Falls | Body/Limb Strain; Fall/Trip Injuries | Nil Controls | M O D | P O S S | M E D 13 | <p>Staff to advise persons moving correctly on riverbank surfaces</p> <p>Staff to ensure all participants understand advice at briefing.</p> <p>Staff to monitor movement techniques at all stages of journey.</p> | M O D | R A R E | L O W 6 |

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|--|---------------------------------------|--|-------------------|-------------------------------------|------------------|-----------------------|--|---------------------------------------|------------------|-----------------------|
| | | | | M A J | U N L K | M E D | | M A J | R A R E | M E D |
| 4.a. Native Animal Experiences | Animal Bite or Sting | Possible death or injury from Snake/Crocodile Bite; Major Injury from Bullrout Sting; Minor Injury from Insect Sting | Nil Controls | M A J | U N L K | M E D 14 | Staff to advise persons not to interfere with any animals and view from a safe distance Staff to ensure all participants understand advice at briefing. Staff to monitor animal movement at all times until all personnel out of way of danger. All participants to wear appropriate shoes | M A J | R A R E | M E D 14 |
| 4.a. Native Flora Experiences | Plant Sting / Rash | Minor Injury/Rash from Flora Sting | Nil Controls | M O D | U N L K | M E D 9 | Staff to advise persons in recognising stinging plants Staff to ensure all participants understand advice at briefing. Staff to monitor personnel movement at all times until all personnel out of way of danger. | M O D | R A R E | L O W 6 |
| 5.a. Outdoor Elements Exposure - Temperature | Heat/Cold; Sun/Wind; Element Exposure | Hyperthermia; Hypothermia; Dehydration | Nil Controls | M O D | U N L K | M E D 9 | Staff to advise persons in recognising symptoms for Hypothermia and hyperthermia Staff to advise participants to keep re-hydrated at all times. Staff to ensure all participants understand advice at briefing. Staff to monitor personnel at all times to look for symptoms and signs of above conditions. | M O D | R A R E | L O W 6 |

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|---|---|--------------------------------|-------------------|-------------------------------------|------------------|----------------------|---|---------------------------------------|------------------|----------------------|
| | | | | M I N O R | U N L K | L O W | | M I N O R | R A R E | L O W |
| 5.b. Outdoor Elements Exposure - Sun | Sun Exposure | Sunburn | Nil Controls | M I N O R | U N L K | L O W 5 | Staff to advise persons in recognising symptoms for sunburn during briefing Staff to advise participants to continually apply 30+ sunscreen and wear a hat. Staff to ensure all participants understand advice at briefing. Staff to monitor personnel at all times to look for symptoms and signs of above condition. | M I N O R | R A R E | L O W 3 |
| 6.a. Crush injury of digits whilst paddling - jewellery | Crush injury to digit between craft to craft or craft to rock | Loss of digit; Injury to digit | Nil Controls | M O D | U N L K | M E D 9 | Staff to advise persons in removing all jewellery during briefing Staff to ensure all participants understand advice at briefing. | M O D | R A R E | L O W 6 |
| 6.b. Crush injury of digits whilst paddling - general | Injury to digit | Injury to digit | Nil Controls | M I N O R | U N L K | L O W 5 | Staff to advise persons about hazard during briefing Staff to ensure all participants understand advice at briefing. Staff to monitor and advise personnel at times or rafting up and craft recovery to ensure participants take care during those times | M I N O R | R A R E | L O W 3 |
| 7. Rope Burn using craft materials | Rope Burn to Hands | Rope Burn | Nil Controls | M I N O R | U N L K | L O W 5 | Staff to advise persons about hazard during briefing Staff to ensure all participants understand advice at briefing. Staff to monitor and advise personnel at times to ensure participants take care during those times | M I N O R | R A R E | L O W 3 |

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Supervisor or designated officer Name (Print): SCOTT MAHAFFEY

Signature:  _____

Date: 15/01/24

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CAMP PATERSON RISK ANALYSIS MATRIX

| LIKELIHOOD | CONSEQUENCES | | | | |
|---|---|--|--|---|---------------------------------------|
| | Insignificant No injuries or no medical treatment required | Minor Injury requiring first aid or minor treatment | Moderate Small scale injury or sickness requiring medical treatment | Major Extensive injuries or loss of life | Catastrophic Multiple loss of life |
| Almost certain is expected to occur in most circumstances | Medium (11) | Medium (16) | High (20) | Extreme (23) | Extreme (25) |
| Likely Will probably occur in many circumstances | Low (7) | Medium (12) | High (17) | High (21) | Extreme (24) |
| Possible Will probably occur at some time | Low (2) | Medium (8) | Medium (13) | High (18) | High (22) |
| Unlikely Could occur at some time but it is improbable | Low (2) | Low (5) | Medium (9) | Medium (14) | High (19) |
| Rare May occur only in exceptional circumstances | Low (1) | Low (3) | Low (6) | Medium (10) | Medium (15) |

(Based on Australian/New Zealand Standard for Risk Management AS/NZS 4360)