

## Shallow Water Diving Information and Risk Assessment - 50m Pool

### PART 1 – WATER DEPTH

Charlestown Swim Centre advises the following information regarding shallow water diving. This is particularly pertinent to relay events or other activities where diving in shallow water may be a scheduled carnival event or activity.

<b>Carnival Pool – 50m</b>			
DEEP END DEPTH	Metres: 2.10	SHALLOW END DEPTH	Metres: 1.10
Starting Block height above water	mm: 635	Concourse height above water	mm: 168
OTHER INFORMATION:			

### SUGGESTED SAFE WATER ENTRY TECHNIQUE

Based on the Royal Life Saving Guidelines for Safe Pool Operation Guideline SU22 the following entry is suggested:

DEEP END	Competitive Dive Start Permissible	SHALLOW END	Competitive Dive Start Permissible
OTHER INFORMATION: If you undertake Competitive Dive starts please ensure appropriate induction, training and competitor announcements are undertaken in accordance with DET or Industry requirements.			

### PART 2 – RISK IDENTIFICATION / ASSESSMENT / CONTROL

DATE	LOCATION 50m pool
IDENTIFICATION	
ASSESSORS	Swim Centre Team Leader
WORK AREA	50m pool
HAZARD DESCRIPTION	Risk of steep dive into shallow end of pool causing possible head/neck injury.

### ASSESSMENT

CURRENT CONTROLS	Non-elite swimmers require clearance from Hirer	
LIKELIHOOD DETAILS	Very likely – could happen at anytime	
CONSEQUENCE DETAILS	Permanent disability or ill health (possible death)	
	LEVEL OF RISK: A1 Extreme	
<b>PROPOSED CONTROLS</b>		BY DATE
ELIMINATION	Diving blocks are not provided at shallow end	
SUBSTITUTION		
ENGINEERING		
ADMINISTRATION	Basic carnivals are a deep end start. Relays are able to have competitive dives at shallow end. Hirer to provide prior instruction in safe diving techniques.	
LIKELIHOOD DETAILS (After proposed controls implementation)	Very unlikely – could happen but probably never will	
CONSEQUENCE DETAILS (After proposed controls implementation)	Permanent disability or ill health (possible death)	
	LEVEL OF RISK: D1 Moderate	

### APPROVAL TO IMPLEMENT CONTROLS & RESPONSIBLE PERSON

RESPONSIBLE PERSON	NAME	BY DATE	STATUS
Team Leader	Chris Wilson	On-going	Implemented

### ADDITIONAL ACTIONS TO BE TAKEN


## Shallow Water Diving Information and Risk Assessment - 25m Pool

### PART 1 – WATER DEPTH

Charlestown Swim Centre advises the following information regarding shallow water diving. This is particularly pertinent to relay events or other activities where diving in shallow water may be a scheduled carnival event or activity.

<b>Carnival Pool – 25m</b>			
DEEP END DEPTH	Metres: 1.50	SHALLOW END DEPTH	Metres: 1.00
Starting Block height above water	mm: 585	Concourse height above water	mm: 195
OTHER INFORMATION:			

### SUGGESTED SAFE WATER ENTRY TECHNIQUE

Based on the Royal Life Saving Guidelines for Safe Pool Operation Guideline SU22 the following entry is suggested:

DEEP END	Competitive Dive Start Permissible	SHALLOW END	Competitive Dive Start Permissible
OTHER INFORMATION: If you undertake Competitive Dive starts please ensure appropriate induction, training and competitor announcements are undertaken in accordance with DET or Industry requirements.			

### PART 2 – RISK IDENTIFICATION / ASSESSMENT / CONTROL

DATE	LOCATION 25m pool		
IDENTIFICATION			
ASSESSORS	Swim Centre Team Leader		
WORK AREA	25m pool		
HAZARD DESCRIPTION	Risk of steep dive into shallow end of pool causing possible head/neck injury.		
ASSESSMENT			
CURRENT CONTROLS	Non-elite swimmers require clearance from Hirer		
LIKELIHOOD DETAILS	Very likely – could happen at anytime		
CONSEQUENCE DETAILS	Permanent disability or ill health (possible death)		
	LEVEL OF RISK: A1 Extreme		
<b>PROPOSED CONTROLS</b>		BY DATE	
ELIMINATION	Diving blocks are not provided at shallow end		
SUBSTITUTION			
ENGINEERING			
ADMINISTRATION	Basic carnivals are a deep end start. Relays are able to have competitive dives at shallow end. Hirer to provide prior instruction in safe diving techniques.		
LIKELIHOOD DETAILS (After proposed controls implementation)	Very unlikely – could happen but probably never will		
CONSEQUENCE DETAILS (After proposed controls implementation)	Permanent disability or ill health (possible death)		
	LEVEL OF RISK: D1 Moderate		
<b>APPROVAL TO IMPLEMENT CONTROLS &amp; RESPONSIBLE PERSON</b>			
RESPONSIBLE PERSON	NAME	BY DATE	STATUS
Team Leader	Chris Wilson	On-going	Implemented
ADDITIONAL ACTIONS TO BE TAKEN			

Lake Macquarie City Council Risk Assessment  
Swim Centres General - School Carnivals



This document is a **Generic (controlled) activity Risk Assessment**

<b>Work Area / Location</b>	<b>Swim Centres</b>				<b>Find</b>	Locate this document via the Full Controlled Document search on the Backyard	
<b>Assessed By</b>	Callie Spurr, Ryan Strickland, Frances Fraser	<b>Approved By</b>	Special Project Officer - Smart Beaches - Tony Blunden - 25 September 2020	<b>Date Due for Review</b>	September 2023	<b>Audience</b>	Departmental - Swim Centre Staff

WHS Aspects	Possible WHS Impacts	Initial Risk Rating	Control Measures (first consideration should be seeking ways to <b>Eliminate, Substitute, Isolate or Engineer out</b> the hazard before implementing administrative controls or PPE)	Timeframe to implement (based on initial risk rating) *	Responsible Position/s	Residual Risk
Carnival attendees not following instructions provided by swim centre staff	Incident resulting in injury to carnival attendees	C3 = L	<ul style="list-style-type: none"> <li>Install suitable warning signs within swim centre</li> <li>Ensure concise &amp; clear instructions are given to group and leaders regarding centre rules, expected behaviours</li> </ul>	Prior to start of carnival	Duty Supervisor/L ifeguards	D3 = VL
Carnival attendees come into contact with equipment that is not fit for purpose	Incident resulting in injury to carnival attendees	C3 = L	<ul style="list-style-type: none"> <li>Ensure that all required equipment is available and in good working order</li> </ul>	Prior to start of carnival	Duty Supervisor/L ifeguards	D3 = VL
Supervision of activities during carnival	Inadequate supervision of activities may result in injury or death to patrons	C1 = H	<ul style="list-style-type: none"> <li>Ensure sufficient staff rostered on duty</li> </ul>	Prior to start of carnival	Duty Supervisor/	D1 = M

<u>Likelihood</u>	<u>Consequence</u>	<u>Risk Rating</u>	<u>Timeframe *</u>	<u>Consequence if hazard occurs</u>	<u>Likelihood</u>			
<b>A</b> = Almost Certain (Expected to occur )	<b>1 = Catastrophic</b> = Extreme pollution; Death or permanent disability; > \$500,000	<b>E</b> = Extreme	- Immed. - <24hr	<b>1=Catastrophic</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b>B</b> = Likely (Will probably occur)	<b>2 = Major</b> = Severe pollution; Long term illness or serious injury; \$50,000 to \$500,000	<b>H</b> = High	- < 7 days	<b>2=Major</b>	E	E	H	M
<b>C</b> = Possible (Might occur at sometime)	<b>3 = Moderate</b> = Significant pollution; Medical attention & off work; \$10,000 to \$50,000	<b>M</b> = Moderate	- < 30 days	<b>3=Moderate</b>	E	H	M	L
<b>D</b> = Unlikely (Not likely to occur)	<b>4 = Minor</b> = Low level pollution, First aid treatment; \$0.00 to \$10,000	<b>L</b> = Low	- < 6 mths	<b>4=Minor</b>	H	M	L	VL
		<b>VL</b> = Very Low	- <12 mths		M	L	VL	VL

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			<ul style="list-style-type: none"> <li>• Call in additional lifeguards as required</li> <li>• <b>Use of Supervision Matrix in place through Swim Portal</b></li> <li>•</li> </ul>		Senior Lifeguard	
Diving from starting blocks	Injury to patrons	C2 = M	<ul style="list-style-type: none"> <li>• Restrict diving if water depth is shallow</li> <li>• Relays to have starts from in the water at shallow end of pools</li> <li>•</li> </ul>	As required		D2 = L
Unstructured aquatic activities that are unplanned	Swim centre staff are unprepared and may not have allowed for adequate numbers of lifeguards to ensure appropriate supervision Serious injury or death	C1 = H	<ul style="list-style-type: none"> <li>• Schools to prepare a risk assessment for any proposed unstructured activity and attach to hire agreement forms</li> <li>• Unstructured activities to be further defined in carnival agreement form to include 'mass continuous swim activity'</li> <li>• Ensure any proposed unstructured activity is raised to the Duty Supervisor or Team Leader for review prior to approval of the activity</li> </ul>	At time of booking, prior to confirmation of booking		D1 = M

Environmental Aspects	Possible Environmental Impacts	Initial Risk Rating	Control Measures (first consideration should be seeking ways to <b>Eliminate, Substitute, Isolate or Engineer out</b> the hazard before implementing administrative controls or PPE)	Timeframe to implement (based on initial risk rating) *	Responsible Position/s	Residual Risk
N/A						

Quality Aspects	Possible Quality Impacts	Initial Risk Rating	Control Measures (first consideration should be seeking ways to <b>Eliminate, Substitute, Isolate or Engineer out</b> the hazard before implementing administrative controls or PPE)	Timeframe to implement (based on initial risk rating) *	Responsible Position/s	Residual Risk
Book school in for carnival/event	Incorrect date/double booking may result in customer dissatisfaction	C3 = L	<ul style="list-style-type: none"> <li>• Ensure bookings are added to Swim Portal Ensure school completes and returns booking form</li> </ul>	In place, Ongoing	Swim Centre	D3 = VL

	<b>Consequence</b>	<b>Risk Rating</b>	<b>Timeframe *</b>	<b>Consequence if hazard occurs</b>	<b>Likelihood</b>			
					<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b>A</b> = Almost Certain (Expected to occur)	<b>1 = Catastrophic</b> = Extreme pollution; Death or permanent disability; > \$500,000	<b>E</b> = Extreme	- Immed. - <24hr	<b>1=Catastrophic</b>	<b>E</b>	<b>E</b>	<b>H</b>	<b>M</b>
<b>B</b> = Likely (Will probably occur)	<b>2 = Major</b> = Severe pollution; Long term illness or serious injury; \$50,000 to \$500,000	<b>H</b> = High	- < 7 days	<b>2=Major</b>	<b>E</b>	<b>H</b>	<b>M</b>	<b>L</b>
<b>C</b> = Possible (Might occur at sometime)	<b>3 = Moderate</b> = Significant pollution; Medical attention & off work; \$10,000 to \$50,000	<b>M</b> = Moderate	- < 30 days	<b>3=Moderate</b>	<b>H</b>	<b>M</b>	<b>L</b>	<b>VL</b>
<b>D</b> = Unlikely (Not likely to occur)	<b>4 = Minor</b> = Low level pollution, First aid treatment; \$0.00 to \$10,000	<b>L</b> = Low	- < 6 mths	<b>4=Minor</b>	<b>M</b>	<b>L</b>	<b>VL</b>	<b>VL</b>
		<b>VL</b> = Very Low	- <12 mths		<b>M</b>	<b>L</b>	<b>VL</b>	<b>VL</b>

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					Manager	

List all **Hazardous Chemicals** to be used in this process.

**Note:** All Hazardous Chemicals must be accompanied by a **Hazardous Chemical Risk Assessment** . Refer to **Hazardous Chemical – Process Control Document** for guidance.

N/A	

The following people were consulted in the development of this risk assessment

Team Members	Team Name and / or Position
Callie Spurr	Swim Centre Team Leader – West
Ryan Strickland	Swim Centre Team Leader – East
Frances Fraser	Risk & Safety Advisor

Dissemination and Acknowledgement (How is this Risk Assessment to be communicated to ALL staff undertaking this task)

Method eg: Site Specific Induction or RA Training &/OR a Toolbox Talk, Team meeting etc	Evidence of dissemination eg: saved to TRIM, &/OR details recorded in Daily Diary or Worker Training Passport.

Document References (Acts, Regulation, Codes of Practices, Related Risk Assessments – including Hazardous Chemical, Manual Handling etc)

Swim Centre Emergency Response Plans	DLG – Practice Note 15 – Water Safety
Swim Centres Procedures Manual	RLSS Guidelines for Safe Pool Operations
NSW Dept Health: Public Swimming Pool & Spa Pool Guidelines	

	<b>Consequence</b>	<b>Risk Rating</b>	<b>Timeframe *</b>	<b>Consequence if hazard occurs</b>	<b>Likelihood</b>			
					<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b>A</b> = Almost Certain (Expected to occur )	<b>1 = Catastrophic</b> = Extreme pollution; Death or permanent disability; > \$500,000	<b>E</b> = Extreme	- Immed. - <24hr	1=Catastrophic	E	E	H	M
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