



RISK ANALYSIS

Note: Risks are to be assessed before and after risk control measures are identified to confirm that the controls are effective.
See Risk Matrix on the last page to score Likelihood, Consequence and Risk Rating.

Organisation:	GSP	Title	Callan Park Nature Play Space	TRIM No.	
Manager's Name	Christian Eckardt				
Work Group	Education and Community Programs				
Location	Callan Park Nature Play space				
Risks and risk mitigation associated with the pop-up nature play space Callan Park.					

	Name	Signed	Date
Prepared by	Britta Nelson		16/12/2022
Reviewed by	Christian Eckardt		16/12/2022
Approved for use	Christian Eckardt		16/12/2022

Activity - Break the job down into steps.	Potential Safety and Environmental Hazards. What can go wrong?	Likelihood	Consequence	Risk Rating	Control Measures Hierarchy	Likelihood	Consequence	Residual Risk Rating	Person Responsible to ensure management method applied
Using shared public toilet facilities	Stranger identification	3	6	18	<ul style="list-style-type: none"> Visiting parents, carers, educators and group facilitators to accompany children to toilets, manage supervision, and use head counts and meeting point with groups 	1	6	6	Visiting parents, guardians, carers, educators and group facilitators
Visit to the play	High winds, lightning	3	6	18	<ul style="list-style-type: none"> Recommended that visitors check the weather 	1	6	6	Visitors

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space	strikes, fire				<p>Check before visiting with regards to severe storms and high winds and postpone visit if unsafe</p> <ul style="list-style-type: none"> On days with high winds (over 35km/h) or electrical storms, the site is not recommended for use 				
Visit to the play space	Heat- exhaustion, dehydration, sunburn	3	6	18	<ul style="list-style-type: none"> Visitors to bring sufficient drinking water Visitors to bring sunscreen Visitors to dress in sun-smartclothing On hot and sunny days, include shade time in your visit 	1	6	6	Visitors
Visit to the play space	Being separated/ Lost child/ lost parent	5	6	30	<ul style="list-style-type: none"> Visiting parents, carers, educators and group facilitators provide the duty of care at all times for their children Recommended that educators and group facilitators enact their own excursion procedures with regards to head counts, personal information etc. Recommended that parents, carers, educators and group facilitators organize a meeting place as soon as the group enters the site and inform children of the meeting point if they get separated Callan park security can be reached on 0402696321 	2	6	12	Visiting parents, guardians, carers, educators and group facilitators
Visit to the play space	Injury requiring First Aid	4	3	12	<ul style="list-style-type: none"> Visitors are expected to provide the duty of care and to bring an appropriate First Aid Kit If Emergency Services are required (000) to be called, direct to the corner of Supply Road 	3	3	9	Visitors

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					<ul style="list-style-type: none"> and Central Avenue. Call Callan Park Security 0402696321 immediately after and inform them of the incident. 				
Visit to the play space	Allergies, asthma leading to severe reactions such as anaphylaxis	3	10	30	<ul style="list-style-type: none"> Visiting parents, carers, educators and group facilitators to ensure children with known allergies and asthma have their management plans and medications with them 	3	3	9	Visitors
Visit to the play space	Slips, trips and falls	5	6	30	<ul style="list-style-type: none"> The play space contains areas of uneven ground, play facilities that are at height, and surfaces that may become slippery in wet weather Supervise children when at play Industry standard mulch has been added under all areas of height 	5	3	15	Visitors, Park Staff
Visit to the play space	Impact injuries	4	6	24	<ul style="list-style-type: none"> Visitors to ensure when children are carrying/moving sticks, that they are walking with them, not carry more than one stick in each hand at a time and all sticks to be dragged not lifted or carried. Please read the safety instructions on our signage or watch the video around using sticks in play 	4	3	18	Visitors
Visit to the play space	Poor behaviour that compromises individual and group safety	3	6	18	<ul style="list-style-type: none"> Children are to be fully supervised by their parents, carers, guardians, educators, or group facilitators If behaviour that may be considered a danger is being displayed, a responsible 	3	3	9	Visitors

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					adult must intervene <ul style="list-style-type: none"> • Call Callan Park Security 0402696321 if necessary • Emergency (000) should be called if necessary 				
Visit to the play space	Dogs off leash	4	6	24	<ul style="list-style-type: none"> • Children are to be fully supervised by their parents, carers, guardians, educators, or group facilitators • Children need to be made aware of how to behave around a dog off-leash (Stand still, Don't approach, Don't touch) 	4	3	12	Visitors

COMMON HAZARDS

Hazard	Potential effect to work, health and safety
Airborne Contaminants	Airborne contaminants e.g. dust, chemicals, asbestos or biological material can cause breathing difficulties, allergies, legionnaires' disease, hepatitis etc.
Chemicals	Chemicals such as acids, hydrocarbons, chlorine and pesticides can cause skin irritations, burns and respiratory illnesses on contact.
Electricity	Exposure to live electrical wires can cause shock, burns or electrocution. Electricity is also a potential ignition source for fires.
Hot Work	Gas cutting, grinding, soldering activities can result in burns or an ignition source for fires.
Manual Handling	Overexertion or repetitive movement can cause muscular strain.
Noise	Prolonged exposure to loud noise can cause permanent hearing damage.
Slips, trips and falls	Falling objects, falls, slips and trips of people can cause fractures, bruises, lacerations, dislocations, concussion, permanent injuries or death.
Vehicles, Plant and Equipment	Being hit by moving vehicles, or being caught by moving parts of machinery can cause fractures, bruises, lacerations, dislocations, permanent injuries or death.

RISK LEVELS

Risk Level (Risk Score Range)	Risk Tolerability	Tolerance Description
Extreme (40-100)	Unacceptable	Stop at risk activity immediately and make safe
High (24-30)	Undesirable	Seek urgent attention to implement controls
Medium (10-20)	Tolerable	Actions must be completed within three months of approval
Low (2-9)	Broadly Acceptable	Risk may be tolerated based on cost ad practicality, otherwise complete actions within 6 months of approval

CONTROLS

Hierarchy of Controls
Eliminate hazard, modify/re-engineer plus administrative controls
Substitute, modify, isolate hazard, or implement engineering controls plus administrative controls
Engineer and/or administrative controls required
Administrative controls

RISK MATRIX

		CONSEQUENCE						
		Insignificant (2)	Minor (3)	Moderate (6)	Major (10)	Catastrophic (20)		
People		Injuries or ailments not requiring medical treatment	Minor injury or First Aid Treatment Case	Serious injury requiring hospitalisation or multiple medical treatment cases	Life threatening injury or multiple serious injuries requiring hospitalisation	Death or multiple life threatening injuries		
Likelihood		MATRIX						
	Likely (5)	Is expected to occur in most circumstance	Once per year	Medium (10)	Medium (15)	High (30)	Extreme (50)	Extreme (100)
	Probable (4)	Will probably occur	Once every 2 yrs	Low (8)	Medium (12)	High (24)	Extreme (40)	Extreme (80)
	Possible (3)	Might occur at some time	Once every 3 yrs	Low (6)	Low (9)	Medium (18)	High (30)	Extreme (60)
	Unlikely (2)	Could occur but doubtful	Once every 5 yrs	Low (4)	Low (6)	Medium (12)	Medium (20)	Extreme (40)
	Rare (1)	Might occur in exceptional circumstances	Once every 10 yrs	Low (2)	Low (3)	Low (6)	Medium (10)	Medium (28)

