

echelon



**PLAYGROUND AUDIT
FOR
TWEED SHIRE COUNCIL**

**August 2009
09-060**

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INTRODUCTION

Echelon was engaged to conduct a playground audit of 83 playgrounds in the Tweed Shire Local government area, as identified on a schedule and maps provided by Council.

The risk audit has been requested to include all playgrounds and to involve consideration of

- Any unusual risks associated with the playground (e.g. cliff hidden from view, a drainage channel adjacent not readily visible, a delivery depot resulting in frequent truck movements.);
- What steps need to be taken to alert the reasonable person to the presence of the that risk (e.g. the erection of a fence along one side of the playground adjacent to a busy road, warning signs, log barricades);
- Whether the required response to address the risks is reasonable and practicable or if it is deemed necessary to remove the playground equipment from that location.

Throughout this report, the terms playground and playground equipment are used. The definitions of these terms, taken from AS4486.1 as reproduced below, are applied to the report:

Playground: an area designed for children's play, including the site, natural features, built landscape and any manufactured equipment. It does not include sites and equipment intended for use in formal sport.

Playground equipment: includes manufactured structures and impact absorbing surfacing. This report forms the complete assessment of the range of sites.

PLAYGROUND AUDIT PROCESS

The assessment process included site inspections of each of the scheduled playgrounds. Features of the site were noted and photographs taken to provide a visual record of each site. Relevant photographs are included in the audit sheets for each site ([Appendix 2](#)).

The method used to assess and evaluate the risks at each site was developed from the Statewide Mutual Best Practice Manual *Signs as Remote Supervision*, and the Royal Life Saving Society Australia *Guidelines for Water Safety in Urban Water Developments*. Detail of the approach is provided in [Appendix 3](#). In summary, the method separates the various playgrounds into different risk categories based on the range of playground equipment provided at the site, the anticipated numbers of people using and immediately adjacent to the equipment and how often this usage occurs. A further rating identifying the hazards that are located within proximity of the playground equipment (particularly road / traffic hazards, drainage / water body hazards and slopes / drop off hazards) is applied to calculate a Facility Risk Rating (FRR). The underlying assessment was made assuming the absence of any measure to screen / separate the playground equipment from the hazard, i.e. the direct distances between the elements was assessed, rather than the effective distance created by any barricades, etc.

A schedule of risk mitigation measures corresponding to a range of risk rating levels was used to provide an initial indication of appropriate risk strategies at each reserve.

Discussion for each site considered the specific issues and any other considerations as part of the final comment on each location. These considerations included any existing risk mitigation measures that are in place at various sites (e.g. barriers such as fences, or vegetation barriers), and whether the risk posed by the presence of the hazardous feature could reasonably be considered as *obvious* as defined in the Civil Liability Act 2002 No 22.

The recommended measures for each site are based on the initial assessment, the subsequent consideration of existing measures in place, and what measures are considered reasonable for Council to address its duty of care under the Civil Liability Act 2002.

CONCLUSION / RECOMMENDATIONS

Review of the recommended risk mitigation measures for each playground (summarized in [Appendix 1](#) and provided in detail in [Appendix 2](#)) shows a range of actions ranging from consideration of removal of playground equipment to provision of signage to inform site users of the importance of close supervision of children by parents /carers.

Where the recommendation indicates provision of signage “relevant to site”, this refers to a sign that has been developed for the site following the method described in the Statewide Mutual Best Practice Manual *Signs as Remote Supervision*. The recommendation for signage “indicating importance of parental / carer supervision at all times” can be addressed either by pictogram or text.

At some sites the existing risk mitigation measures exceed the level suggested by the assessment method. This report does not recommend removal of such measures as a matter of course and, in general, encourages maintenance of these measures. It is desirable for these measures to be retained to provide an enhanced risk mitigation level, however it is appropriate for Council to review the ongoing provision of these measures, as it reviews its Policy and Procedures for Playgrounds in the future.

APPENDICES

APPENDIX 1 SUMMARY OF RECOMMENDED RISK MANAGEMENT MEASURES

PARK ID	PARK NAME	LOCATION	ADDRESS	RECOMMENDED RISK MITIGATION MEASURES
PARK0061	Bosun Boulevarde	Banora Point	Bosun Blvd/ Midship Ct	That Council provide some form of screening to reduce the potential for unrestricted access to the road by small children for a minimum distance of 30m from the playground equipment; erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0072	Darlington Drive Park	Banora Point	Darlington Dr/ Castlecraig Av	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; consider development of screening the Darlington Drive frontage of the park (vegetation / fence).
PARK0192	Medoc Place - Vintage Lakes	Banora Point	Medoc Place	That Council increase the vegetation barrier at the water's edge within 30m of the playground equipment, by planting of species that will prevent passage and / or creating a buffer by not mowing to the water's edge in this zone; incorporate a screen of vegetation planting and / or mounding between the playground equipment and the road frontage; erect signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times.
PARK0059	Peter Solomon Park	Banora Point	Pacific Drive/ Peter Street	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0193	Russell Way	Banora Point	Russell Way	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0076	Seaview / Hibiscus	Banora Point	Seaview Street	That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.
PARK0085	Wilson Park	Banora Point	Oyster Point Road	That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.
PARK0315	Coral Street Park	Bilambil Heights	Coral Street and Simson Drive	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0172	Karingal/ Warringa Dr Easement	Bilambil Heights	Karingal Av/ Warringa Drive	That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.
PARK0178	Prindable Park	Bilambil Heights	Bilambil Rd/ Urliup Rd	That Council provide physical barrier along the water frontages of the reserve to prevent inadvertent access to the water, or provide a form of separation between the playground equipment and the water that increases the travel distance between the two to greater than 30m.
PARK0177	Snowgum Drive Reserve	Bilambil Heights	Snowgum Drive	That Council's maintenance strategy ensure the existing fence is inspected and maintained systematically, and that signs be erected depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0036	Barbara Rochester	Cabarita Beach	Poinciana Avenue	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0035	Grasstree Circuit	Cabarita Beach	Grasstree Circuit	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.

PARK ID	PARK NAME	LOCATION	ADDRESS	RECOMMENDED RISK MITIGATION MEASURES
PARK0242	Lions Park - Cabarita	Cabarita Beach	Coast Road	That Council provides a barrier between playground equipment and the car park (type variable, may include dense vegetation or mounding) to increase distance between the car park and playground equipment to greater than 30m; and signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times.
PARK0225	Beachfront Playground	Casuarina	Chatfield Court	That Council maintain and potentially increase the vegetation along the open drainage path to reduce the potential for access to the drainage path; implementation of similar planting adjacent to the car park to reduce the potential for inadvertent access to the car park by small children; erection of signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times.
PARK0226	Casuarina Way Playground	Casuarina	Chatfield Court	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0229	Central Park- Pirie Lane	Casuarina	Barclay Drive/ Pirie Lane	That Council maintain and potentially increase the vegetation along the open drainage path to reduce the potential for access to the drainage path; erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0233	Dianella / Casuarina Park	Casuarina	Dianella Drive	That Council erect signage relevant to site, relevant to site, indicating importance of parental / carer supervision at all times.
PARK0232	North/Central Sportsfields	Casuarina	Barclay Drive/ Cedarwood Ct	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0051	Turnock Park	Chinderah	Pacific Highway, Chinderah Rd	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0125	Lizzio Park	Condong	Tweed Valley Way	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; consider establishment of a vegetation barrier providing a minimum 30m separation between the playground equipment and the river.
PARK0055	FINGAL - Surf Club	Fingal Head	Marine Parade	That Council provide some form of screening to reduce the potential for unrestricted access to the road by small children for a minimum distance of 30m from the playground equipment; erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0053	Fingal Old Boat harbour Park	Fingal Head	Fingal Road	That Council provide a barrier between playground equipment and the water frontage to establish a minimum 30m separation, and between the playground equipment and the road (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times.
PARK0317	Traminer Court Park	Flame Tree Estate	Traminer Court	That Council extend the existing vegetation buffer to restrict access between the playground equipment and the lake for a minimum distance of 30m from the playground equipment; erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0109	Amethyst Pl	Golden Links	Amethyst Pl/ Golden Links Dr	That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.
PARK0108	Tamarisk Ave	Golden Links	Tamarisk Av/ Golden Links Dr	That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.
PARK0029	Hastings Pt Foreshore creek Pk	Hastings Point	Coast Road	That Council ensures the existing fence is extended to ensure a minimum distance of 30m between the playground equipment and vehicular traffic is provided, and that signage warning of all hazards rated HIGH and information indicating importance of parental / carer supervision at all times is also provided.




PARK ID	PARK NAME	LOCATION	ADDRESS	RECOMMENDED RISK MITIGATION MEASURES
PARK0045	Alan McIntosh Park	Kingscliff	Guilfoyle Pl	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0016	Faulks Park	Kingscliff	Marine Parade	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0049	Ibis Court	Kingscliff	Ibis Court	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0042	Jack Julius Park	Kingscliff	Vulcan Street	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0017	Lions Park - Kingscliff	Kingscliff	Marine Parade, near Seaview St	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; maintain the existing dune and playground fences to reduce the potential for direct access to the ocean from the playground equipment.
PARK0021	Reg Dalton Oval	Kingscliff	Wommin Bay Rd	That Council extend the existing fencing to provide a minimum distance of 30m from the playground equipment to the road; erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0048	Shore Place	Kingscliff	Shore Place	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0280	Euodia Ave Park	Koala Beach	Euodia Ave	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; Inspect, maintain and replace vegetation screen at top of retaining walls.
PARK0279	Cudgera Ave Park	Koala Beach	Cudgera Avenue	That Council erect signage relevant to site, relevant to site, indicating importance of parental / carer supervision at all times.
PARK0027	Sassafras & Bottlebrush	Koala Beach	Sassafras/ Bottlebrush	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times and consider providing vegetation zones (or other screening) between the playground equipment and the road to reduce the potential for unrestricted access to the road by small children for a minimum distance of 30m from the playground equipment.
	Sugar Glider Park	Koala Beach	Sugar Glider Dr	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0198	Mooball Reserve	Mooball	Pottsville Road	That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.
PARK0120	Amarillo Drive Park	Murwillumbah	Amarillo Drive	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0104	Amwill Park	Murwillumbah	Almac Av/ Baker St	That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times at each access to the Park.
PARK0110	Arbor Place Park	Murwillumbah	Arbor Place	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0106	Countryside Park	Murwillumbah	Countryside Dr/ Tombonda Rd	That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.
PARK0107	Hall Drive Park	Murwillumbah	Hall Dr/ Byangum Rd	That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.



PARK ID	PARK NAME	LOCATION	ADDRESS	RECOMMENDED RISK MITIGATION MEASURES
PARK0117	Hartman Park	Murwillumbah	River St/ Greville St	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0009	Knox Park	Murwillumbah	Nullum St	That Council extends the existing hedges (or other form of delineation) between the playground equipment and the car park, in addition to provision of signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times.
PARK0096	Martin Watt Park	Murwillumbah	Cnr Reynolds & Charles Streets	That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.
PARK0314	Saddle Way Park	Murwillumbah	Saddle Way	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; consider extending existing mounding / vegetation to provide a separation of 30m or greater.
PARK0102	Willward Park	Murwillumbah	Harwood/ William St	That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.
PARK0126	Elva North Park	Nunderi	North Lane	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0025	Ambrose Brown Park	Pottsville	Coast Rd, Coronation Ave	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times and consider providing vegetation zones (or other screening) between the playground equipment and the road to reduce the potential for unrestricted access to the road by small children for a minimum distance of 30m from the playground equipment.
PARK0223	Black Rocks Border Crescent	Pottsville	Border Cres	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0023	Black Rocks Estate/ McKenzie Av	Pottsville	McKenzie Ave	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; inspect and maintain drainage facility fences.
PARK0022	Hardy Park	Pottsville	Overall Dr	That Council upgrades the existing fencing and vegetation between the creek and the playground equipment to restrict access to the creek for a distance of at least 30m from the playground equipment, and to provide signage relevant to site, warning of all hazards rated HIGH and information indicating importance of parental / carer supervision at all times.
PARK0247	Plomer Park	Salt	Snapper Ave	That Council erect signage relevant to site, relevant to site, indicating importance of parental / carer supervision at all times.
PARK0248	Salt Central Park	Salt	Bells Blvde, Pass St	That Council erect signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times; maintain vegetation to provide buffer areas to drop-offs.
PARK0243	Saltwater Park	Salt	Gunnamatta Avenue	That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.
	Norfolk Park	Salt	Saltwater & Ellison	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
	Seabreeze Bvd & Lennox Crct Park	Seabreeze	Seabreeze Bvd & Lennox Crct	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times and consider providing vegetation zones (or other screening) between the playground equipment and the road to reduce the potential for unrestricted access to the road by small children for a minimum distance of 30m from the playground equipment.
PARK0289	Seabreeze Bvd & Taree St Pk	Seabreeze	Seabreeze Bvd & Taree St	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; consider extending existing mounding / vegetation to provide a separation of 30m or greater.



PARK ID	PARK NAME	LOCATION	ADDRESS	RECOMMENDED RISK MITIGATION MEASURES
PARK0140	Stokers Siding Park	Stokers Siding	Stokers Rd	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; consider upgrading of the delineation between the car park and the park to restrict inadvertent access between the two over a distance of 30m.
PARK0316	Sunny Crest Dr Park	Terranora	Sunny Crest Dr	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0066	Bushranger Crescent	Terranora	Bushranger Cres	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0070	Covent Garden Way Park	Terranora	Covent Garden Way	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0069	Peppermint Place	Terranora	Peppermint Pl/ Oakland Pde	That Council erect signage relevant to site, relevant to site, indicating importance of parental / carer supervision at all times.
PARK0063	Windley Park	Terranora	Terranora Rd/ Fig Tree Rd	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0130	Brian Breckenridge Sports Ground	Tumbulgum	Bawden Street	That Council erect signage relevant to site, relevant to site, indicating importance of parental / carer supervision at all times.
PARK0011	Arkininstall Park	Tweed Heads	Cunningham St	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0092	Dry Dock Road Reserve	Tweed Heads	Dry Dock Road/ Cox St	That Council consider removal of the existing playground equipment and that it not be replace at this site.
PARK0154	Ducat Street Park	Tweed Heads	Ducat St / Kennedy Drive	That Council provide a barrier between playground equipment and car park and water (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater then 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times.
PARK0014	Ebenezer Park Duranbah Beach	Tweed Heads	Eden Street	That Council provide a barrier between playground equipment and car park (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater then 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times.
PARK0196	Pioneer Park	Tweed Heads	Kennedy Drive	That Council extends and upgrades the existing mounding and vegetation between Kennedy Drive and the playground equipment to increase the distance of travel between the playground equipment and the road to at least 30m, and to provide signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0183	Quota Park	Tweed Heads	Caloola Drive	That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.
PARK0012	Ray Pascoe Park	Tweed Heads	Kennedy Dr	That Council ensures the existing fence is maintained to ensure a distance of 30m between the playground equipment and vehicular traffic is provided, and that signage warning of all hazards rated HIGH and information indicating importance of parental / carer supervision at all times is also provided.
PARK0013	Recreation Ground	Tweed Heads	Recreation Street	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0176	Sierra Vista Estate Park	Tweed Heads	Sierra Vista	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.



PARK ID	PARK NAME	LOCATION	ADDRESS	RECOMMENDED RISK MITIGATION MEASURES
PARK0088	Suter Park	Tweed Heads	Dry Dock Rd /Sullivan Rd	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0090	Vintage Lakes Playground	Tweed Heads	Vintage Lakes Champagne Dr	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; consider removal of the remaining fence on the downhill side of the playground.
PARK0171	Eunga Street Park	Tweed Heads South	Eunga Street/ Cooloon Cres	That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.
PARK0253	Harold Pearce Park	Tweed Heads South	Falcon Way South Tweed	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0309	Trigonie Dr Park	Tweed Heads South	Trigonie Drive	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0150	Clarrie Englert Park	Tweed Heads West	Gollan Drive/ Scenic Drive	That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.
PARK0138	Tyalgum Memorial Park	Tyalgum	Tyalgum	That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.
PARK0269	Gerald Parker Park	Uki	Kyogle Road	That Council continues to allow the vegetation along the river frontage of the park to form a dense barrier, and provides signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.


APPENDIX 2 RISK AUDIT WORKSHEETS



Site Number:	PARK0012	
Site Name:	Ray Pascoe Park, Kennedy Drive, Tweed Heads	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for regional use (playground generally attracts a wide range of users from beyond the boundaries of the Council area (eg in tourist areas, major sporting facilities and other large gatherings, or where the facility itself is the attraction)), football field, recreational ground, picnic facilities, amenities	4
Table 3A3 - Population using equipment	20 to 50 people at a time	3
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Sub Arterial	5
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		34
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Fully fence to separate playground equipment from major hazard, including provision of gate(s); signage warning of all hazards rated HIGH and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	<p>The direct distance to Kennedy Drive is less than 30m, however the existing fence creates a distance in excess of 30m, so the assessment can be revised on the basis of the presence of this fence, making the effective Road Hazard factor of 1, and the effective FRR becomes 18. This suggests appropriate risk mitigation measures to be a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times.</p> <p>It is reasonable to consider the presence of the water bodies on two sides of the reserve as being obvious to users of the park. For Council to fulfill its duty of care as described in the Civil Liability Act 2002 it is appropriate to provide a warning regarding the presence of the hazards, including the water and boat ramp.</p> <p>As a result, further measures to separate the playground equipment from the water are considered discretionary.</p>	
Adjusted FRR (allowing for effective Road Hazard Factor)		18
<p>Recommendation: That Council ensures the existing fence is maintained to ensure a distance of 30m between the playground equipment and vehicular traffic is provided, and that signage warning of all hazards rated HIGH and information indicating importance of parental / carer supervision at all times is also provided.</p>		


Site Number:	PARK0029	
Site Name:	Hastings Point Foreshore Park, Tweed Coast Way, Hastings Point	
<div style="display: flex; justify-content: space-around;">   </div>		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for regional use (playground generally attracts a wide range of users from beyond the boundaries of the Council area (eg in tourist areas, major sporting facilities and other large gatherings, or where the facility itself is the attraction)), football field, recreational ground, picnic facilities, amenities	4
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Sub Arterial	5
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		31
<p>Table 3A7 – Risk Mitigation Measures applying to FRR:</p> <p>Fully fence to separate playground equipment from major hazard, including provision of gate(s); signage warning of all hazards rated HIGH and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	<p>The direct distance between the playground equipment and the road is less than 30m. If the existing fence is extended to ensure this distance exceeds 30m, the assessment can be revised on the basis of the presence of this fence, making the effective Road Hazard factor of 1, and the effective FRR becomes 15. This suggests appropriate risk mitigation measures to be a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times.</p> <p>It is reasonable to consider the presence of the creek as being obvious to users of the park. For Council to fulfill its duty of care as described in the Civil Liability Act 2002 it is appropriate to provide a warning regarding the presence of the hazards, including the creek.</p> <p>As a result, further measures to separate the playground equipment from the water are considered discretionary.</p>	
Adjusted FRR (allowing for effective Road Hazard Factor)		15
<p>Recommendation: That Council ensures the existing fence is extended to ensure a minimum distance of 30m between the playground equipment and vehicular traffic is provided, and that signage warning of all hazards rated HIGH and information indicating importance of parental / carer supervision at all times is also provided.</p>		



Site Number:	PARK0269		
Site Name:	Gerald Parker Park, Kyogle Road, Uki		
			
Facility Risk Rating Factors	Rating for Site		Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use		3
Table 3A3 - Population using equipment	5 to 20 people at a time		2
Table 3A4 - Frequency of use	Playground used mainly on weekends		2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).		4
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Sub Arterial		5
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)			28
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide a densely planted barrier or partial fence separating playground equipment from major hazard / separating hazard from playground equipment to increase distance between hazard and playground equipment to be greater than 30m; signage warning of all hazards rated HIGH and information indicating importance of parental / carer supervision at all times			
Other matters:	<p>The direct distance between the playground equipment and the river is less than 30m. If the existing vegetation is left unmaintained along the river frontage of the reserve it forms a separation between the river and the playground equipment, hence the assessment can be revised making the effective natural / Drainage Hazard factor of 1, and the effective FRR becomes 13. This suggests appropriate risk mitigation measures to be to provide signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p> <p>It is reasonable to consider the presence of the road as being obvious to users of the park. For Council to fulfill its duty of care as described in the Civil Liability Act 2002 it is appropriate to provide a warning regarding the presence of the hazards, including the river and road.</p> <p>As a result, further measures to separate the playground equipment from the water are considered discretionary.</p>		
Adjusted FRR (allowing for effective Natural / Drainage Hazard Factor)			13
Recommendation: That Council continues to allow the vegetation along the river frontage of the park to form a dense barrier, and provides signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.			


Site Number:	PARK0196	
Site Name:	Pioneer Park, Kennedy Drive, Tweed Heads	
	 <p>View of Park from Kennedy Dr</p>	 <p>View from water's edge</p>
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Sub Arterial	5
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		26
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Densely planted barrier or partial fence separating playground equipment from major hazard / separating hazard from playground equipment to increase distance between hazard and playground equipment to be greater than 30m; signage warning of all hazards rated HIGH and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	<p>The direct distance between the playground equipment and the road is less than 30m, although it is reasonable to consider the presence of the road as being obvious to users of the park. The vegetation and mounding creates a sense of boundary to the playground area, but this would not prevent a child from running towards the road if not supervised. Increasing the effectiveness and extent of this barrier is recommended to increase the distance of travel between the playground equipment and the road to at least 30m. If this is carried out the assessment can be revised, making the effective Road Hazard factor of 1, and the effective FRR becomes 10.</p> <p>The direct distance between the playground equipment and the water is less than 30m, yet it is reasonable to consider the presence of the waterway as being obvious to users of the park.</p> <p>For Council to fulfill its duty of care as described in the Civil Liability Act 2002 it is appropriate to provide a warning regarding the presence of the hazards, including the river and road.</p> <p>As a result, further measures to separate the playground equipment from the water are considered discretionary.</p>	
Adjusted FRR (allowing for effective Road Hazard Factor)		10
<p>Recommendation: That Council extends and upgrades the existing mounding and vegetation between Kennedy Drive and the playground equipment to increase the distance of travel between the playground equipment and the road to at least 30m, and to provide signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		


Site Number:	PARK0022	
Site Name:	Hardy Park, Overall Drive, Pottsville	
 <p style="text-align: center;">Hardy Park taken from road</p>		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Distributor	4
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		23
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Densely planted barrier or partial fence separating playground equipment from major hazard / separating hazard from playground equipment to increase distance between hazard and playground equipment to be greater than 30m; signage warning of all hazards rated HIGH and information indicating importance of parental / carer supervision at all times.</p>		
Other matters:	<p>There is an existing post-and-rail fence and vegetation between the playground equipment and the creek, although this does not prevent passage by small children. It is considered appropriate that either the fencing or the vegetation be enhanced to restrict access to the water for at least a distance of 30m from the playground equipment. If this was carried out the effective natural / Drainage factor would decrease to 1, and the effective FRR becomes 11. This suggests appropriate risk mitigation measures to be to provide signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p> <p>It is reasonable to consider the presence of the road as being obvious to users of the park. For Council to fulfill its duty of care as described in the Civil Liability Act 2002 it is appropriate to provide a warning regarding the presence of the hazards, including the creek and road.</p> <p>As a result, further measures to separate the playground equipment from the road are considered discretionary.</p>	
Adjusted FRR (allowing for effective Natural / Drainage Hazard Factor)		11
<p>Recommendation: That Council upgrades the existing fencing and vegetation between the creek and the playground equipment to restrict access to the creek for a distance of at least 30m from the playground equipment, and to provide signage relevant to site, warning of all hazards rated HIGH and information indicating importance of parental / carer supervision at all times.</p>		



Site Number:	PARK0242	
Site Name:	Lions Park, Cabarita	
		
Facility Risk Rating Factor	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for regional use (the playground generally attracts a wide range of users from beyond the boundaries of the Council area (eg in tourist areas, major sporting facilities and other large gatherings, or where the facility itself is the attraction)), football field, recreational ground, picnic facilities, amenities	4
Table 3A3 - Population using equipment	20 to 50 people at a time	3
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		23
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Provide a densely planted barrier or partial fence separating playground equipment from major hazard / separating hazard from playground equipment to increase distance between hazard and playground equipment to be greater than 30m; signage warning of all hazards rated HIGH and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	<p>The existing fencing at the ocean side of the reserve and the vegetation behind the fence forms a separation between the ocean and the playground, hence the assessment can be revised making the effective Natural / Drainage Hazard factor of 1, and the effective FRR becomes 17, The existing timber bollards between the playground equipment and the car park do not prevent access for small children, so this “fence” should be enhanced, or some other form of fencing / screening be provided to the car park frontage of the playground to prevent access from the playground equipment towards the car park for a distance of at least 30m.</p>	
Adjusted FRR (allowing for effective Natural / Drainage Hazard Factor)		17
<p>Recommendation: That Council provides a barrier between playground equipment and the car park (type variable, may include dense vegetation or mounding) to increase distance between the car park and playground equipment to greater than 30m; and signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times.</p>		


Site Number:	PARK0092	
Site Name:	Dry Dock Road Reserve, Dry Dock Rd, Tweed Heads South	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground rarely used	1
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Sub Arterial	5
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		22
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Densely planted barrier or partial fence separating playground equipment from major hazard / separating hazard from playground equipment to increase distance between hazard and playground equipment to be greater than 30m; signage warning of all hazards rated HIGH and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	The raised pathway and vegetation between the waterway and the playground equipment provides some restriction of access to the water, however the proximity of the playground equipment to the road, and especially considering the road category, places the playground equipment in a highly exposed location. Fencing on the road side would appropriately take the form of guard rail, even though the road is considered an obvious hazard. Unless there are strong and valid reasons to provide playground equipment at this location, it is considered more practical to remove the existing playground equipment and that it not be replaced at this site.	
Recommendation: That Council consider removal of the existing playground equipment and that it not be replaced at this site.		


Site Number:	PARK0178	
Site Name:	Prindable Park, Bilambil Rd, Bilambil Heights	
	 <p>Park looking towards the creek</p>	 <p>View from the creek bank</p>
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Distributor	4
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		22
<p>Table 3A7 – Risk Mitigation Measures applying to FRR:</p> <p>Densely planted barrier or partial fence separating playground equipment from major hazard / separating hazard from playground equipment to increase distance between hazard and playground equipment to be greater than 30m; signage warning of all hazards rated HIGH and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	<p>The park has drop-offs of over 1m into water on two sides. The grass is currently maintained enabling easy access to the edges of these drop-offs, creating the likelihood of someone falling into water. Even though the edges are obvious from the park, if someone was over one of the edges, they could then be hidden from the park. Reducing the risk of inadvertent access to the water would be most effectively managed by allowing the grass to grow densely around the water frontages to the reserve, or planting with a dense-growing species to form an effective barrier. Alternatively, installation of fencing nearer the playground equipment to increase the separation distance to greater than 30m would be appropriate.</p> <p>It is reasonable to consider the presence of the road as being obvious to users of the park.</p>	
<p>Recommendation: That Council provide physical barrier along the water frontages of the reserve to prevent inadvertent access to the water, or provide a form of separation between the playground equipment and the water that increases the travel distance between the two to greater than 30m.</p>		


Site Number:	PARK0009	
Site Name:	Knox Park, Nullum Street, Murwillumbah	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for regional use (playground generally attracts a wide range of users from beyond the boundaries of the Council area (eg in tourist areas, major sporting facilities and other large gatherings, or where the facility itself is the attraction)), football field, recreational ground, picnic facilities, amenities, and with highly sophisticated playground equipment and supporting infrastructure	5
Table 3A3 - Population using equipment	20 to 50 people at a time	3
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		20
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Provide a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	This FRR has arisen primarily from the sophistication of the playground equipment and its resulting usage level. It would be appropriate to extend to existing hedges (or other form of delineation) between the playground and the car park, in addition to provision of suitable signage.	
<p>Recommendation: That Council extends the existing hedges (or other form of delineation) between the playground and the car park, in addition to provision of signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times.</p>		


Site Number:	PARK0053	
Site Name:	Fingal Old Boat Harbour Park, Fingal Rd, Fingal Head	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use	3
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Collector	3
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		20
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Provide a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	<p>The river is an obvious hazard in close proximity to the playground. It may not be possible to develop a vegetation separation between the playground equipment and the water's edge, making provision of fencing the most appropriate means of providing a distance of 30m between the two.</p> <p>The road is also an obvious hazard, and provision of mounding or vegetation to separate the road and the playground beyond a 30m distance is an option.</p> <p>Further options would be to relocate the playground equipment further from the water's edge, or to remove the playground equipment altogether.</p>	
<p>Recommendation: That Council provide a barrier between playground equipment and the water frontage to establish a minimum 30m separation, and between the playground equipment and the road (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times.</p>		


Site Number:	PARK0192	
Site Name:	Medoc Place Park, Medoc PI, Vintage Lakes, Banora Point	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use	3
Table 3A3 - Population using equipment	20 to 50 people at a time	3
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		19
<p>Table 3A7 – Risk Mitigation Measures applying to FRR:</p> <p>Provide a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	<p>It is reasonable to consider the presence of the water as an obvious hazard, although if someone fell on some of the slopes leading to the water it may not be noticed from the other areas of the Park. It is appropriate to increase the vegetation barrier at the water's edge within 30m of the playground equipment, by planting of species that will prevent passage and / or creating a buffer by not mowing to the water's edge in this zone. Incorporation of vegetation planting and / or mounding between the playground equipment and the road frontage will also reduce the potential for small children to inadvertently reach the road.</p>	
<p>Recommendation: That Council increase the vegetation barrier at the water's edge within 30m of the playground equipment, by planting of species that will prevent passage and / or creating a buffer by not mowing to the water's edge in this zone; incorporate a screen of vegetation planting and / or mounding between the playground equipment and the road frontage; erect signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times.</p>		


Site Number: PARK0177		
Site Name: Snowgum Drive Reserve, Snowgum Dr, Bilambil Heights		
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground rarely used	1
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Distributor	4
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		19
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Provide a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	<p>The direct distance to Bilambil Road is less than 30m, however as the existing fence creates an access barrier, the assessment can be revised on the basis of the presence of this fence, making the effective Road Hazard factor of 1, and the effective FRR becomes 7. This suggests appropriate additional risk mitigation measures to install signage relevant to the site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>	
Adjusted FRR (allowing for effective Road Hazard Factor)		7
<p>Recommendation: That Council’s maintenance strategy ensures the existing fence is inspected and maintained systematically, and that signs be erected depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		


Site Number:	PARK0225	
Site Name:	Casuarina Beachfront Playground, Chatfield Court, Casuarina	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use	3
Table 3A3 - Population using equipment	20 to 50 people at a time	3
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facility that runs during wet weather, or drops less than 1 metre)	3
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		18
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Provide a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	<p>The vegetation along the open drainage path is quite extensive, and it is important that this be maintained and potentially increased, to reduce the potential for access to the drainage path. Implementation of similar planting adjacent to the car park will reduce the potential for inadvertent access to the car park by small children.</p> <p>It is reasonable for the car park to be considered an obvious hazard.</p>	
<p>Recommendation: That Council maintain and potentially increase the vegetation along the open drainage path to reduce the potential for access to the drainage path; implementation of similar planting adjacent to the car park to reduce the potential for inadvertent access to the car park by small children; erection of signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times.</p>		



Site Number:	PARK0248	
Site Name:	Salt Central Park, Bells Boulevard, Salt	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use	3
Table 3A3 - Population using equipment	20 to 50 people at a time	3
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facility that runs during wet weather, or drops less than 1 metre)	3
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		18
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Provide a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	The boulder drop-offs are generally buffered by vegetation, and can be considered as obvious hazards. The stormwater detention basin is only expected to operate in high intensity rain events, and this should be included in warning signage. Access to the car park is generally buffered by vegetation and has structured access points.	
<p>Recommendation: That Council erect signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times; maintain vegetation to provide buffer areas to drop-offs.</p>		



Site Number:	PARK0154	
Site Name:	Ducat St Park, Tweed Heads	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use	3
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		17
<p>Table 3A7 – Risk Mitigation Measures applying to FRR:</p> <p>Provide a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	<p>The proximity of the water and car parks can both reasonably be considered obvious from the playground. The timber bollards provide some delineation between the car park and the playground, however the separation could be enhanced by modifying the “fencing”, or the provision and a vegetation screen to create a minimum distance of 30m between the two. Separation between the playground equipment and water hazard could be provided either by vegetation planting or provision of fencing to create a minimum separation distance of 30m.</p>	
<p>Recommendation: That Council provide a barrier between playground equipment and car park and water (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times.</p>		



Site Number:	PARK0014	
Site Name:	Ebenezer Park, Duranbah Beach, Eden Street, Tweed Heads	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use	3
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facility that runs during wet weather, or drops less than 1 metre).	3
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Collector	3
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		17
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Provide a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	<p>Access to the ocean is restricted by topography and existing vegetation, although if someone inadvertently reached the water they may not be visible from the playground. The existing timber bollards delineate the reserve, but do not restrict access between the car park / road and playground. It is appropriate to upgrade this “fence” to provide more effective restriction to access for a distance of 30 from the playground equipment.</p>	
<p>Recommendation: That Council provide a barrier between playground equipment and car park (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times.</p>		


Site Number:	PARK0021	
Site Name:	Reg Dalton Oval, Wommin Bay Rd, Kingscliff	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use	3
Table 3A3 - Population using equipment	20 to 50 people at a time	3
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Distributor	4
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		15
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Provide a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	<p>The existing fence provides an effective access restriction between the playground equipment and the road, where it is in place. If it is extended to provide this restriction for a minimum distance of 30m from the playground equipment the Road factor can be reduced to 1 and the effective FRR becomes 12, with the corresponding risk mitigation measure being to erect signage as identified below.</p>	
Adjusted FRR (allowing for effective Road Hazard Factor)		12
<p>Recommendation: That Council extend the existing fencing to provide a minimum distance of 30m from the playground equipment to the road; erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		



Site Number: PARK0317		
Site Name: Traminer Court Park, Traminer Court, Tweed Heads South		
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		15
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Provide a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	<p>The lake is within 30m in a direct line from the playground, however the vegetation forms a substantial buffer. This buffer could be enhanced by either planting suitable species adjacent to the existing vegetation, or by allowing the grass to grow in an area clear of the trees, as it is sparse within the treed area. Such measures could allow the Natural / Drainage hazard factor to be reduced to 1 and the effective FRR becomes 9, with the corresponding risk mitigation measure being to erect signage as identified below.</p> <p>The road can reasonably be considered an obvious hazard from the playground.</p>	
Adjusted FRR (allowing for effective Natural / Drainage Hazard Factor)		9
<p>Recommendation: That Council extend the existing vegetation buffer to restrict access between the playground equipment and the lake for a minimum distance of 30m from the playground equipment; erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		


Site Number:	PARK0061		
Site Name:	Bosun Boulevard, Banora point		
			
Facility Risk Rating Factors	Rating for Site		Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping		2
Table 3A3 - Population using equipment	5 to 20 people at a time		2
Table 3A4 - Frequency of use	Playground used mainly on weekends		2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facility that runs during wet weather, or drops less than 1 metre).		3
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Collector		3
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)			15
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Provide a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times</p>			
Other matters:	<p>The vegetation at the rear of the park create an extensive barrier to access to the area. The road can reasonably be considered an obvious hazard from the playground, although it is appropriate to provide some form of screening to reduce the potential for unrestricted access to the road by small children. Such measures could allow the Natural / Drainage hazard factor to be reduced to 1, the Road hazard factor also to be reduced to 1 and the effective FRR becomes 8.</p>		
Adjusted FRR (allowing for effective Natural / Drainage Hazard Factor)			8
<p>Recommendation: That Council provide some form of screening to reduce the potential for unrestricted access to the road by small children for a minimum distance of 30m from the playground equipment; erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>			


Site Number:	PARK0055		
Site Name:	Fingal Surf Club, Marine Parade, Fingal Head		
			
Facility Risk Rating Factors	Rating for Site		Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use		3
Table 3A3 - Population using equipment	20 to 50 people at a time		3
Table 3A4 - Frequency of use	Playground used mainly on a daily basis		3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).		4
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park		2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)			20
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times			
Other matters:	<p>The existing dune fencing extends the distance between the playground and the ocean, enabling the Natural / Drainage hazard factor to be reduced to 1.</p> <p>The car park can reasonably be considered an obvious hazard from the playground, and the existing timber bollards provide some delineation of the reserve, yet it is appropriate to provide some enhanced form of separation to reduce the potential for unrestricted access to the road by small children. This would enable the Road hazard factor also to be reduced to 1 and the effective FRR becomes 13.</p>		
Adjusted FRR (allowing for effective Road Hazard Factor)			13
Recommendation: That Council provide some form of screening to reduce the potential for unrestricted access to the road by small children for a minimum distance of 30m from the playground equipment; erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.			



Site Number:	PARK0229		
Site Name:	Casuarina Central Park, Pirie Lane, Casuarina		
			
Facility Risk Rating Factors	Rating for Site		Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use		3
Table 3A3 - Population using equipment	20 to 50 people at a time		3
Table 3A4 - Frequency of use	Playground used mainly on weekends		2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facility that runs during wet weather, or drops less than 1 metre).		3
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)		1
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)			14
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times			
Other matters:	The vegetation along the open drainage path is quite extensive, and it is important that this be maintained and potentially increased, to reduce the potential for access to the drainage path, enabling the Natural / Drainage hazard factor to be reduced to 1, and the effective FRR becomes 12.		
Adjusted FRR (allowing for effective Natural / Drainage Hazard Factor)			14
Recommendation: That Council maintain and potentially increase the vegetation along the open drainage path to reduce the potential for access to the drainage path; erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.			


Site Number:	PARK0	
Site Name:	Seabreeze Boulevard and Lennox Circuit, Seabreeze Estate, Pottsville	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use	3
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	3
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Distributor	4
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		13
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground. It is appropriate that the vegetation zones be enhanced to further reduce the potential for small children to inadvertently reach to road.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times and consider providing vegetation zones (or other screening) between the playground equipment and the road to reduce the potential for unrestricted access to the road by small children for a minimum distance of 30m from the playground equipment.</p>		



Site Number:	PARK0025	
Site Name:	Ambrose Brown Park, Coronation Ave, Pottsville	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use	3
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Sub Arterial	5
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		13
Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground. It is appropriate that vegetation zones (or other screening) be provided to reduce the potential for small children to inadvertently reach to road.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times and consider providing vegetation zones (or other screening) between the playground and the road to reduce the potential for unrestricted access to the road by small children for a minimum distance of 30m from the playground equipment.		


Site Number:	PARK0027	
Site Name:	Sassafras St / Bottlebrush Dr, Koala Beach Estate, Pottsville	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include steep sloping ground, walking track around reserve)	2
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Collector	3
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		13
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground. Extension of the existing fencing and / or vegetation to ensure a minimum 30m separation is established between the road and the playground equipment would reduce the potential for small children to inadvertently reach to road.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times and consider providing vegetation zones (or other screening) between the playground and the road to reduce the potential for unrestricted access to the road by small children for a minimum distance of 30m from the playground equipment.</p>		


Site Number:	PARK0036	
Site Name:	Barbara Rochester Park, Poinciana Ave, Cabarita Beach	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment (at present vandalized / out of service), no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facility that runs during wet weather, or drops less than 1 metre).	3
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Collector	3
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		13
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground. The existing playground equipment have been subject to extensive vandalism and were totally unserviceable at the time of inspection /assessment. Removal should be considered as a management option.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		



Site Number:	PARK0042	
Site Name:	Jack Julius Park, Vulcan St, Kingscliff	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use	3
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include steep sloping ground, walking track around reserve)	2
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		12
Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		



Site Number:	PARK0140	
Site Name:	Stokers Siding Park, Stokers Rd, Stokers Siding	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use	3
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Distributor	4
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		12
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground. The existing timber bollards delineate the park area, however the potential exists for a small child to inadvertently reach the road due to the close proximity. It is appropriate for the "fence" to be enhanced to reduce this potential.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; consider upgrading of the delineation between the car park and the playground equipment to restrict inadvertent access between the two over a distance of 30m.</p>		



Site Number:	PARK0017	
Site Name:	Lions Park, Marine Parade, Kingscliff	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use	3
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		17
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the car park be considered an obvious hazard from the playground. The existing dune fencing extends the distance between the playground equipment and the ocean, and the existing playground perimeter fencing enables the Natural / Drainage hazard factor to be reduced to 1, and the effective FRR becomes 11 , with the impact on the risk mitigation measures as shown below.	
Adjusted FRR (allowing for effective Natural / Drainage Hazard Factor)		11
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; maintain the existing dune and playground fences to reduce the potential for direct access to the ocean from the playground equipment.		



Site Number:	PARK0016	
Site Name:	Faulks Park, Marine Parade, Kingscliff	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use	3
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Collector	3
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		11
Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground. The existing mounds provide a degree of delineation of the playground area and limitation of free access from the site by small children.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		


Site Number:	PARK0193	
Site Name:	Russell Way Park, Banora Point	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include steep sloping ground, walking track around reserve).	2
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		11
Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground equipment. The existing timber bollards provide some delineation between the road and the park. It would reduce the potential for inadvertent access between the two if a barrier was provided in the form of mounds or vegetation screen with suitable species.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		


Site Number:	PARK0314		
Site Name:	Saddle Way Park, Bellevue Estate, Murwillumbah		
			
Facility Risk Rating Factors	Rating for Site		Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping		2
Table 3A3 - Population using equipment	5 to 20 people at a time		2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis		3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include steep sloping ground, walking track around reserve).		2
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park		2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)			11
Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times			
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground equipment. It would reduce the potential for inadvertent access between the two if existing mounding / vegetation was extended to provide a separation of 30m or greater.		
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; consider extending existing mounding / vegetation to provide a separation of 30m or greater between the road and the playground equipment.			


Site Number:	PARK0289	
Site Name:	Seabreeze Boulevard / Taree St Park, Seabreeze Estate, Pottsville	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Distributor	4
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		11
Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground. The potential for inadvertent access from the playground equipment to the road by small children would be reduced if separation between the two was enhanced by extending vegetation screens.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; consider extending existing mounding / vegetation to provide a separation of 30m or greater between the road and the playground equipment.		


Site Number:	PARK0066	
Site Name:	Bushranger Crescent, Terranora	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include steep sloping ground, walking track around reserve).	2
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		11
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		


Site Number:	PARK0232	
Site Name:	Casuarina Sportsfields, Barclay Dr, Casuarina	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use	3
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facility that runs during wet weather, or drops less than 1 metre).	3
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		11
Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the car park be considered an obvious hazard from the playground.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		


Site Number: PARK0013		
Site Name: Recreation Ground, Recreation St, Tweed Heads		
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use	3
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		10
Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		



Site Number:	PARK0125	
Site Name:	Lizzio Park, Condong	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		10
Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the river be considered an obvious hazard from the playground, however if someone inadvertently fell over the river bank they may not be seen from the playground. The potential for this to occur would be reduced by providing some form of barrier between the river bank and the playground equipment (vegetation or fencing). It must be noted that this area is flood-prone and subject to debris and water flows at such times, hence a vegetation screen may be most suitable.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; consider establishment of a vegetation barrier providing a minimum 30m separation between the playground equipment and the river.		



Site Number: PARK0072		
Site Name: Darlington Drive Park, Banora Point		
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include steep sloping ground, walking track around reserve).	2
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Collector	3
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		10
Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground. The potential for a child reaching Darlington Drive would be reduced by the provision of a barrier (vegetation or fencing) to the road frontage of the park.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; consider development of screening the Darlington Drive frontage of the park (vegetation / fence).		


Site Number:	PARK0316	
Site Name:	Sunny Crest Dr Park, Azure Estate, Sunnycrest Dr, Terranora	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facility that runs during wet weather, or drops less than 1 metre).	3
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		10
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		


Site Number:	PARK0035	
Site Name:	Grasstree Circuit, Cabarita Beach	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		9
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		


Site Number:	PARK0	
Site Name:	Sugar Glider park, Sugar Glider Drive, Koala Beach, Pottsville	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		9
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		



Site Number:	PARK0138	
Site Name:	Tyalgum Memorial Park, Coolman St, Tyalgum	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		9
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		


Site Number:	PARK0315	
Site Name:	Coral St Park, Coral St, Bilambil Heights	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Collector	3
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		9
Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the roads be considered obvious hazards from the playground. The existing fencing provides a restriction to free access from the playground to both Coral Street and Simson Drive. It is appropriate that Council maintains the fence to ensure this benefit is retained.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		



Site Number: PARK0226		
Site Name: Casuarina Way playground, Chatfield Court, Casuarina		
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Collector	3
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		9
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground. The existing vegetation zones provide a restriction to direct access between the playground equipment and the road.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		


Site Number:	PARK0110	
Site Name:	Arbor Place Park, Arbor PI, Murwillumbah	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include steep sloping ground, walking track around reserve).	2
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		9
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		



Site Number:	PARK0176	
Site Name:	Sierra Vista Estate Park, Tweed Heads	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground rarely used	1
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include steep sloping ground, walking track around reserve).	2
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		9
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		



Site Number:	PARK0090	
Site Name:	Vintage Lakes Playground, Champagne Dr, Tweed Heads South	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground rarely used	1
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include steep sloping ground, walking track around reserve).	2
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Collector	3
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		9
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground. The existing fencing between the playground and the downhill side is extensively vandalized. Since the vegetation below the fence discourages access to the hillside, it would be appropriate to remove what remains of the fence to reduce the risk of injury to users of the site.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; consider removal of the remaining fence on the downhill side of the playground.</p>		


Site Number:	PARK0048	
Site Name:	Shore Place, Kingscliff	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Distributor	4
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		11
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	The existing fence between the playground and Elrond Drive is an important risk mitigation measure to prevent access to the road. It is important to maintain the fence to maximize the access restriction.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times and maintain the existing fence between the playground and Elrond Drive.</p>		



Site Number:	PARK0049	
Site Name:	IbisCourt, Kingscliff	
 		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		8
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the car parking area be considered an obvious hazard from the playground.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		



Site Number:	PARK0120	
Site Name:	Amarillo Drive Park, Amarillo Drive, Murwillumbah	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		8
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		


Site Number:	PARK0070	
Site Name:	Covent Garden Way Park, Terranora	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Collector	3
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		8
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the roads be considered obvious hazards from the playground. The existing fence on the park's frontage to Covent Gardens Way provides a restriction to access from the playground equipment to the road. It is desirable that the fence be maintained.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		



Site Number:	PARK0117	
Site Name:	Hartman Park, River St, Murwillumbah	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
	FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)	8
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground. The Tweed River is not obvious from the playground due to the levee bank.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		



Site Number:	PARK0088	
Site Name:	Suter Park, Dry Dock Rd, Tweed Heads South	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Sub Arterial	5
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		8
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the roads be considered obvious hazards from the playground.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		



Site Number:	PARK0059	
Site Name:	Peter Solomon Park, Peter Street, Banora Point	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
	FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)	7
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	These playground equipment are situated well clear of the road.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		



Site Number:	PARK0051	
Site Name:	Turnock Park, Chinderah Rd, Chinderah	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
	FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)	7
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:		
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		


Site Number:	PARK0045	
Site Name:	Alan McIntosh Park, Guilfoyle PI, Cudgen	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		7
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		




Site Number:	PARK0223	
Site Name:	Border Crescent Park, Black Rocks Estate, Pottsville	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		7
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.</p>		



Site Number:	PARK0011	
Site Name:	Arkinstall Park, Cunningham St, Tweed Heads South	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use	3
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		7
Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the car park be considered an obvious hazard from the playground. The existing timber bollards provide some delineation of the park, although they do not restrict direct access from the playground equipment to the roadway. Enhancement of the “fence” would reduce the potential for inadvertent access from the playground equipment to the car park.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		



Site Number:	PARK0126	
Site Name:	Elva North Park, North Lane, Nunderi	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Collector	3
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		7
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		



Site Number:	PARK0253	
Site Name:	Harold Pearce Park, Falcon Way, Tweed Heads South	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facility that runs during wet weather, or drops less than 1 metre)	3
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		7
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	The existing fences at the drainage facilities are an important risk mitigation measure, and should be inspected and maintained systematically.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		



Site Number:	PARK0	
Site Name:	Norfolk Park, Euston St/ Saltwater Cres, Salt	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard).	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Collector	3
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		7
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the roads be considered obvious hazards from the playground. The nature of this item of playground equipment reduces the likelihood of its use by small children.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		



Site Number:	PARK0280	
Site Name:	Euodia Ave Park, Koala Beach, Pottsville	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		7
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	The vegetation screening at the top of the retaining walls is an important risk mitigation measure. This vegetation should be maintained and replaced if individual plants die or are otherwise removed.	
<p>Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; Inspect, maintain and replace vegetation screen at top of retaining walls.</p>		


Site Number:	PARK0023	
Site Name:	McKenzie Avenue Park, Black Rocks Estate, Pottsville	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
	FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)	7
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	The existing fences to the drainage facilities are a significant risk management measure and should be inspected and maintained in a systematic manner.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times; inspect and maintain drainage facility fences.		



Site Number:	PARK0063	
Site Name:	Windley Park, Terranora Rd, Terranora	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground rarely used	1
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Sub Arterial	5
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		7
<p>Table 3A7 – Risk Mitigation Measures applying to FRR: Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times</p>		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		


Site Number:	PARK0106	
Site Name:	Countryside Park, Countryside Drive, Murwillumbah	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
	FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)	6
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:		
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		



Site Number:	PARK0108	
Site Name:	Tamarisk Avenue Park, Tamarisk Avenue, Murwillumbah	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
	FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)	6
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		


Site Number:	PARK0107	
Site Name:	Hall Drive Park, Hall Drive, Murwillumbah	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include steep sloping ground, walking track around reserve)	2
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
	FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)	6
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		



Site Number:	PARK0096	
Site Name:	Martin Watt Park, Reynolds / Charles Sts, Murwillumbah	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		6
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		



Site Number:	PARK0243	
Site Name:	Saltwater Park, Gunnamatta Ave, Salt	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include steep sloping ground, walking track around reserve)	2
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		6
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:		
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		


Site Number:	PARK0069	
Site Name:	Peppermint Place Park, Peppermint Pl, Terranora	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		6
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:		
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		


Site Number:	PARK0233	
Site Name:	Casuarina Park, Dianella Drive, Casuarina	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Collector	3
	FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)	6
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	The existing vegetation reduces the potential for inadvertent access to either of the adjoining roads.	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		


Site Number:	PARK0198	
Site Name:	Mooball Reserve, Pottsville Rd, Mooball	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Collector	3
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		6
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		


Site Number:	PARK0247	
Site Name:	Plomer Park, Snapper Ave, Salt	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground rarely used	1
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include steep sloping ground, walking track around reserve)	2
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		6
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	nil	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		



Site Number:	PARK0085	
Site Name:	Wilson Park, Oyster Point Rd, Banora Point	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground rarely used	1
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
	FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)	5
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		



Site Number:	PARK0109	
Site Name:	Amethyst Place Park, Murwillumbah	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		5
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		


Site Number:	PARK0279	
Site Name:	Koala Beach Park, Cudgera Ave, Koala Beach, Pottsville	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include steep sloping ground, walking track around reserve)	2
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		5
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	nil	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		


Site Number:	PARK0104	
Site Name:	Amwill Park, Almac Ave, Murwillumbah	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include steep sloping ground, walking track around reserve)	2
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
	FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)	5
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	nil	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times at each access to the Park.		


Site Number:	PARK0102	
Site Name:	Willward Park, Harwood St, Murwillumbah	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		5
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		


Site Number:	PARK0130	
Site Name:	Brian Breckenridge Sportsground, Bawden St, Tumbulgum	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground used mainly on weekends	2
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
	FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)	5
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		


Site Number:	PARK0172	
Site Name:	Karringal / Warringa Easement, Karringal Ave, Bilambil Heights	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground rarely used	1
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
	FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)	4
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	nil	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		

Site Number:	PARK0183	
Site Name:	Quota Park, Caloola Dr, Tweed Heads	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground rarely used	1
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		4
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	nil	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		

Site Number:	PARK0171	
Site Name:	Eunga Street Park, Eunga St, Tweed Heads South	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground rarely used	1
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		4
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground.	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		

Site Number:	PARK0309	
Site Name:	Trigonie Drive Park, Trigonie Dr, Tweed Heads South	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping	2
Table 3A3 - Population using equipment	5 to 20 people at a time	2
Table 3A4 - Frequency of use	Playground used mainly on a daily basis	3
Table 3A5 – Natural / Drainage hazards in proximity to site	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).	4
Table 3A6 – Road hazards in proximity to site	Road within 30m of play facilities: Local Access	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		15
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times		
Other matters:	It is reasonable that the road be considered an obvious hazard from the playground. The vegetation at the rear of the park creates an extensive barrier to access to the Shallow Bay area, enabling the Natural / Drainage hazard factor to be reduced to 1, and the effective FRR becomes 9.	
Adjusted FRR (allowing for effective Natural / Drainage Hazard Factor)		9
Recommendation: That Council erect signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times.		

Site Number:	PARK0150	
Site Name:	Clarrie Englert Park, Gollan Dr, Tweed Heads West	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	Site with basic playground equipment, no picnic facilities	1
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground rarely used	1
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	No road within 30m of playground equipment (direct line of sight, any classification)	1
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		3
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	nil	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		

Site Number:	PARK0076	
Site Name:	Seaview / Hibiscus Park, Seaview St, Banora Point	
		
Facility Risk Rating Factors	Rating for Site	Score
Table 3A2 – Development (playground equipment, etc)	No playground equipment, no picnic facilities	0
Table 3A3 - Population using equipment	Less than 5 people at a time	1
Table 3A4 - Frequency of use	Playground rarely used	1
Table 3A5 – Natural / Drainage hazards in proximity to site	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)	1
Table 3A6 – Road hazards in proximity to site	Road within 30m of playground equipment: Local Access / Car Park	2
FRR = [(3A2 x 3A3) + 3A4] + (3A5 x 3A6)		3
Table 3A7 – Risk Mitigation Measures applying to FRR: Provide signage relevant to site, indicating importance of parental / carer supervision at all times		
Other matters:	nil	
Recommendation: That Council erect signage relevant to site, indicating importance of parental / carer supervision at all times.		

APPENDIX 3 PLAYGROUND SITE RISK AUDIT AND RISK MITIGATION MEASURES

The process to assess the risk posed by features adjacent to the playground site, and determination of the most appropriate risk mitigation measures for Council's Playgrounds has been divided into six steps. Each of the six steps is highlighted in Figure 3A1. The six steps are:

1. Establish a full and complete inventory of all the Council facilities,
2. Determine Council's level of development within the facility and any potentially hazardous features in proximity of the facility,
3. Ascertain the numbers of users of the facility,
4. Predict or obtain the frequency of use of the facility,
5. Calculate the facility risk rating (FRR),
6. Select and install the most appropriate risk mitigation measures for the site, considering any site specific issues.

Step 1 – Identify facilities

The inventory of the playground sites and equipment was provided by Council.

Step 2 – Level of Development / adjacent hazards

The second step has three parts:

Step 2(a) – Level of development – playground – refer to Table 3A2

Step 2(a) is to determine the level of development or improvement that has taken place within the facility, either by, or for Council. Development and improvement includes the infrastructure provided for use by the public such as the scale and scope of the playground equipment itself, (ie is it designed to cater for local, district, or regional purposes), and other facilities at the site that may add to the attractiveness for use, including tables, barbecue equipment, tennis courts etc.

Step 2(b) – Natural / drainage hazards in the vicinity – refer to Table 3A5

Step 2(b) is to identify the existence of any potentially hazardous natural or drainage-related features in the vicinity of the playground. These features may be natural features such as steep slopes, stepped ground, cliffs, creeks etc, or constructed facilities that could be hazardous including water bodies / drainage structures within or about the facility.

Step 2(c) – Road hazards in the vicinity – refer to Table 3A6

Step 2(c) is to reflect the presence of any road or other vehicular traffic paths in the vicinity of the playground, including accessways or car parks. The suggested rating scale for the road hazards is to apply Council's Road Hierarchy scale, with the range as described in Statewide Mutual's Best Practice Manual "Roads" being referred to in this report.

Due to the variety of both road and water features, these measures are identified and rated separately, with the rating for each forming a component of the overall Facility Risk Rating.

Step 3 – Population Use

The third step in the process is to evaluate the usage of the site, called the Population. Population is defined as the average number of people that use the playground equipment at any given point in time during an organised or impromptu function, and includes those using the playground equipment, waiting in close proximity to use the facilities and those supervising in close proximity to the facilities.

Table 3A3 (relating to Step 3) suggests a typical range of population use within a facility. The field assessment undertaken in this project considered the reasonable usage level for the playground equipment provided, and also allowed for the presence of carers / supervisors in the vicinity.

Step 4 – Frequency of Use

The fourth step in the evaluation process is to determine the frequency of use of the facilities. Frequency is defined as the number of times that the facility is used by patrons. In some cases facilities may be used so infrequently that it is considered to be zero. At the other end of the scale, facilities may be used constantly by large numbers. An example of this may be a popular playground at a main sporting facility.

Table 3A4 (relating to Step 4) suggests a typical range of frequency use within a facility. Because the field assessment undertaken in this project could only assess what usage was apparent at the time of the inspection, Council's opinion has also been considered in determining the frequency use factor.

Step 5 – Facility Risk Rating

The fifth step is to calculate the Facility Risk Rating (FRR). This term applies to the numerical value in the process to determine the most appropriate risk mitigation measures for the facility. The FRR is a calculation based on the data collected during the evaluation process. The data collected includes the amount of development of the facility from Table 3A2, the population use of the facility from Table 3A3, the frequency of use of the facility from Table 3A4, any natural or drainage hazards in proximity to the facility from Table 3A5 and any road hazards in proximity to the facility from Table 3A6.

These values are inserted into the equation and the resulting value is the Facility Risk Rating.

Facility Risk Rating (FRR)

$$= [(Development \times Population) + Frequency] + (Natural / Drainage Hazards \times Road Hazards)$$

The value of the FRR is an indication of the risk that Council is exposed to related to the activities that occur in each facility and the hazardous features that are in proximity of each facility. This value guides Council in deciding on the most appropriate risk mitigation measures to be provided for the playground. It also provides Council with a simple way of prioritising the facilities for attention. The higher the FRR the higher the need for attention.

In this assessment, the Natural / Drainage hazard and Road hazard factors recorded are those applying to each site without allowance for any existing risk mitigation measures in place, from which the FRR is calculated.

Step 6 – Select, arrange and install / implement appropriate mitigation / control measures

This report has assessed all Council's sites containing free access to playground equipment.

Table 3A7 (relating to Step 5) suggests a typical range of risk mitigation measures that may be considered to apply to various ranges in the calculated Facility Risk Rating. The site Risk Audit Worksheets show the recommended risk mitigation measure applying to the site without consideration of any existing measures.

Further consideration of such things as existing risk mitigation facilities in place and how obvious the respective hazards are from the playground equipment, (as this has relevance in determining Council's duty of care in accordance with the Civil Liability Act 2002) is also listed of the site Risk Audit Worksheet.

Recommendations for each site are based on the initial assessment, the subsequent consideration of existing measures in place, and what measures are considered reasonable for Council to address its duty of care under the Civil Liability Act 2002.

Figure 3A1 – Flow Chart to Assist in Assessing Risk at Playgrounds

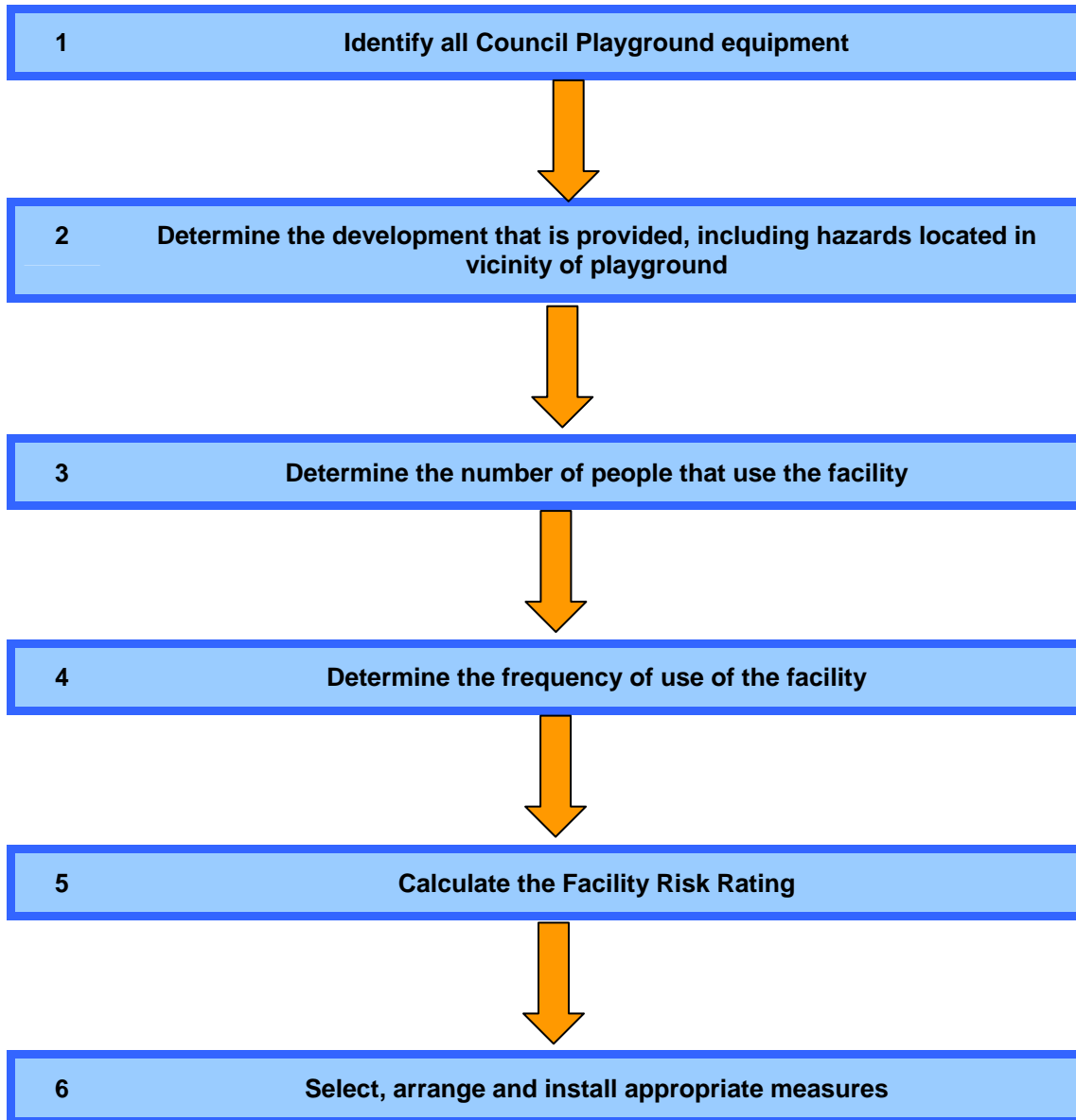


Table 3A2 –Typical Development Rating for Reserves

Rating	Development - Playground
0	No playground equipment
1	Site with basic playground equipment, no picnic facilities
2	Playground equipment for immediate local catchment only (the playground is generally located in a small neighbourhood park and is used by the residents nearby), few seats, no picnic facilities, minor landscaping
3	Playground equipment for district use (the playground is generally used by residents of the local government area (Shire / City / Municipality) when using adjacent facilities for such things as sports for the local sports clubs and schools). Residents travel from other parts of the LGA to use the playground equipment, and other adjacent facilities including sports field(s), leash free dog areas, some picnic tables and chairs, small toilet block. Locations that have a high degree of seasonality in their use .
4	Playground equipment for regional use (the playground generally attracts a wide range of users from beyond the boundaries of the Council area (eg in tourist areas, major sporting facilities and other large gatherings, or where the facility itself is the attraction)), football field, recreational ground, picnic facilities, amenities
5	As for 4, but with highly sophisticated playground equipment and supporting infrastructure.

Table 3A3 –Typical Population Use Rating for a Facility

Rating	Population Use for Playground equipment
1	Less than 5 people at a time
2	5 to 20 people at a time
3	20 to 50 people at a time
4	50 to 100 people at a time
5	Greater than 100 people at a time

Table 3A4 - Suggested Frequency of use Rating for a Facility

Rating	Frequency of Use
1	Playground rarely used
2	Playground used mainly on weekends
3	Playground used mainly on a daily basis
4	Playground in continuous use for the majority of the day

Table 3A5 - Suggested Natural / Drainage Hazard Factor for a Facility

Rating	Natural / Drainage Hazard
1	No hazardous features within 30m of playground equipment (direct line of sight, any form of hazard)
2	Hazardous features within 30m of playground equipment (may include steep sloping ground, walking track around reserve)
3	Hazardous features within 30m of playground equipment (may include open drainage facility that runs during wet weather, or drops less than 1 metre).
4	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop between 1 metre and 3 metres).
5	Hazardous features within 30m of playground equipment (may include open drainage facilities permanently holding water, or drop greater than 3 metres (cliff / lookout)).

Table 3A6 - Suggested Road Hazard Factor for a Facility

Rating	Road Hazard
1	No road within 30m of playground equipment (direct line of sight, any classification)
2	Road within 30m of playground equipment: Local Access Urban Street with <200 vehicles per day (vpd) or Rural Road/ Village Street with <20 vpd, or car park
3	Road within 30m of playground equipment: Collector Urban Street with 200 - 400 vpd or Rural Road/ Village Street with 20 - 50 vpd
4	Road within 30m of playground equipment: Distributor Urban street with 400 - 2000 vpd or Rural Road/ Village Street with 50 - 100 vpd
5	Road within 30m of playground equipment: Sub Arterial Urban street with > 2000 vpd or Rural Road/ Village Street with > 100 vpd

FORMULA:

Facility Risk Rating (FRR)

$$= [(Development \times Population) + Frequency] + (Natural \times Road Hazard Factors)$$

$$= [(Table A2 \times Table A3) + Table A4] + (Table A5 \times Table A6)$$

Table 3A7 – Determining the most appropriate Risk Mitigation Measures for a Council Playground

FRR	General Measures
1 - 5	Signage relevant to site, indicating importance of parental / carer supervision at all times
6 - 13	Signage relevant to site, depicting top rated hazard and information indicating importance of parental / carer supervision at all times
14 – 20	Provide a barrier between playground equipment and major hazard / screen hazard from playground equipment (type variable, may include dense vegetation or mounding) to increase distance between hazard and playground equipment to be greater than 30m; signage warning of the two highest rated hazards and information indicating importance of parental / carer supervision at all times
21 – 28	Densely planted barrier or partial fence separating playground equipment from major hazard / separating hazard from playground equipment to increase distance between hazard and playground equipment to be greater than 30m; signage warning of all hazards rated HIGH and information indicating importance of parental / carer supervision at all times
29 – 36	Fully fence to separate playground equipment from major hazard, including provision of gate(s); signage warning of all hazards rated HIGH and information indicating importance of parental / carer supervision at all times
37 - 44	Enclose area containing playground equipment and seating structures to create a family friendly area and separate playground from hazard, including provision of gate(s); Signage warning of all hazards rated HIGH and recommending parental/ carer supervision at all times
> 45	Site is considered unsuitable for a playground structure – remove existing / do not construct new facility; In interim, provide signage warning of all hazards rated HIGH and recommending parental/ carer supervision at all times