

## Minutes for Ordinary General Meeting

<b>DATE OF MEETING</b>	Saturday, 21 <sup>st</sup> September 2024		
<b>MEETING TIME:</b>	2.05pm	<b>MEETING LOCATION:</b>	North Arm Cove Community Hall

ITEM NO.	ITEM	KEY INFORMATION	ACTION
1.	<b>Welcome and apologies</b>	<ul style="list-style-type: none"> <li>Reminder this is an Association that requires member engagement and involvement- new members and Committee members are encouraged.</li> <li><b>Apologies:M.A.,T.A.,B.R,J.R.,J.C.,S.C.,R.V.,P.B.,D.T.</b></li> </ul>	
2.	<b>Minutes from NACCAi 21<sup>st</sup> May meeting</b>	<ul style="list-style-type: none"> <li>Minutes were posted on website and are to be approved.</li> </ul> <p style="text-align: center;">Proposed:G.S.                      Seconded:D.K.                      Approved</p>	
3.	<b>Outstanding actions from previous meeting</b>	<ul style="list-style-type: none"> <li>Compliance issues</li> <li>Burnouts on Gooreengi Rd.</li> <li>Interpretation signs for Yallarwah Park.</li> <li>D.S. presentation at 5pm regarding NAC Initiative</li> <li>Representation on Council to Southern Area.</li> </ul> <p><b>B.H. went through the updated information using a PowerPoint presentation. J.K. was invited to give the background to the new signage in Yallarwah Park in conjunction with PowerPoint display. Thanks was given to all who assisted in the installation of the new signage.</b></p> <p><b>D.K. was invited to give the meeting an update of the voting trends for the Local Council elections. D.K. was very hopeful that we would finally have representation for the Southern area of MCC with a Tea Garden resident likely to gain a seat on Council</b></p>	

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4.	Membership	Paid To					
		30 June 24	30 June 25	30 June 26	30 June 27	DETAILS UNKNOWN	
		55	52	8	5	2	
		<ul style="list-style-type: none"> <li>▪ Current membership below as of 3/09/2024 122 members</li> <li>▪ The details unknown is for a payment received from Suzanne Alexander</li> <li>▪ Unfinancial members will have their membership cancelled. If you wish to resign an email to the President / Secretary would be appreciated</li> </ul>					
5.	Correspondence	<b>Correspondence: Listed below and available for viewing if interested</b>					
<ul style="list-style-type: none"> <li>▪ MCC regarding draft LEP</li> <li>▪ MCC regarding Draft delivery and Operational Plan</li> <li>▪ MCC regarding noncompliance answers</li> </ul>							
6.	Finance	<ul style="list-style-type: none"> <li>▪ The Finance report is appended to the agenda and a motion to approve required. <b>Proposed: T.H.                      Seconded: B.S.                      Approved</b></li> </ul>					
7.	Reports	<ul style="list-style-type: none"> <li>▪ Fame Cove <b>L.Y. gave a verbal summary of attached report</b></li> <li>▪ Roads and drainage (attached) <b>G.S. gave a verbal report in conjunction with the PowerPoint display. B.H. thanked G.S. for his many years of service to the Community in putting together these summaries, liaising with Council officers, maintaining Casuarina Park with his regular cleanups etc. G.S. is stepping down from the Committee and will be missed by all. Unanimous agreement from the meeting</b></li> <li>▪ Aquaculture . <b>No report due to absence of J.R.</b></li> <li>▪ Heros Beach (to be discussed in item 8)</li> </ul>					

		<ul style="list-style-type: none"> <li>Website No report due to absence of B.R.</li> </ul>	
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**8. Other Business**

ITEM NO.	ITEM	KEY INFORMATION	ACTION
8.1		<ul style="list-style-type: none"> <li>Presentation by Heros Beach subcommittee (Bryan Stephenson) on the preparation of the proposed community masterplan</li> </ul> <p><b>B.S. gave a summary of the proposed plan as per below with a PowerPoint projection of the latest proposed plan</b></p> <p><i>The plan was developed knowing that there is a sum of money allotted for works- but that this was not to be a limiting factor in our planning.</i></p> <p><i>The subcommittee reviewed the community feedback taken some years ago re Heros reserve. All this feedback was reviewed, discussed and the subcommittee’s feedback was spreadsheeted to cover off each suggestion.</i></p> <p><i>The subcommittee unanimously agreed that we should maintain the reserve with as little change as possible. We believe the reason those that come to North Arm Cove, either to live or holiday; do so seeking the natural surrounds that the Cove ‘does so well’.</i></p> <p><i>The centrepiece of the design is to merge what are now separate areas into one large, turfed space that flows to the beach and creates one unified reserve space that</i></p>	

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		<p><i>extends along the length of the Heros Beach. This would be achieved by blocking off the circular road at either end of the reserve. We have chosen to block this off via the use of bollards or gates so that on the odd occasion such as Australia day; or when access is needed for emergency vehicles or utility services, this can be accommodated.</i></p> <p><i>This will mean all the small timber barricades that run along the beach, as well as the northern part of the reserve can be removed. The central part of the reserve that has been used as a parking area for many years will need to be aerated as it has become very compacted over this time. Then turf can be laid to conjoin with the existing northern area to create one large open recreational space; fringed by the beach with plenty of natural tree shade.</i></p> <p><i>We have proposed some additional seating facing the beach for people to enjoy the sunset and a drink, or to watch kids in the water. We also have proposed another picnic table in the central space and upgrade to one of the existing. Parking will be at the top of the reserve space where the entry road ends (about 8-10 spaces) and a graded disabled / elderly walking track winding down along from the northern end of the car park.</i></p> <p><i>We believe this will enhance Heros Reserve into a real natural recreational haven and the plan will enhance the spacious feel. Removal of access to the lower section will ensure the area is safer for children; it will also assist in deterring unauthorised camping which has been an issue in recent years. Removal of the timber barricades will enhance the perception of the beach and reserve being one.</i></p> <p><i>Overall, Heros retains its current natural appeal while the updates will bring it more in line with being a reserve rather than a mish mash of picnic space and ad lib</i></p>	
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		<p><i>parking. Environmentally, a well turfed central space will aid in soaking up heavier rainfall overflow and cars removed from travelling along the beach foreshore can only assist in reducing erosion activity. “</i></p> <p><b>Discussion /questions were had regarding the proposed plan and B.S. advised he would submit the recommendation to NACCAi for public comment and feedback</b></p>	
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ITEM NO.	ITEM	KEY INFORMATION	ACTION
8.2		<p>Other business from the floor</p> <p><b>No other business was raised so meeting closed at 2.55pm. A fifteen-minute break was allowed before commencement of the AGM</b></p>	

### Meeting Dates

<b>2024 MEETING DATES:</b>	9 November
<b>MEETING TIME:</b>	2-4 PM

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Fame Cove Sub Committee Report      NACCAi      Update 21/9/2024

Conversation with Adam Matlawski the Major Projects Manager Mid coast Council, 17/9/2024 advises.

Council has received a Plan of Restoration from the Lee Family's consultants regarding the Fame Cove Land.

Council is not completely satisfied with the details submitted when considering the changing Planning Status of the land from Agricultural to Environmental and other matters.

As a consequence Council is returning the matter to the Land and Environment Court for further hearing scheduled for 25 October 2024 after which the details will become public and Adam will be legally permitted to pass on the details of the Proposed Plan and the Court decision for our comment.

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### **NACCAI Stormwater Management Action Report to Mid Coast Council. Review 5. 1 Aug. 2024.**

A report by the Residents Association's Roads, Drainage and Signage Sub Committee on the status of progress in completing works identified in the BMT North Arm Cove Stormwater Management Strategy Report to Council (2017), following the initial inspections by Seamus Devlin and Gary Sylvaney during October/November 2020. and then annually since by Gary Sylvaney.

This Report contains three sections. Section A- General Drainage Issues, Section B-Drainage Pit Status and Section C-Driveway Culvert Pipe Size Survey. Section A Report contains issues identified as New that are additional to those identified in the the BMT Report. For a description of priority and work level estimates see table on last page. This Report seeks to identify for Council, works planning/budgeting of Stormwater Drainage issues in North Arm Cove that create damage to residential properties, council assets, topography and/or safety hazards.

#### Reference Numbers.

Requested Works identified by a unique Reference Number in this report are deleted when completed at each 6 monthly review. Reviews are conducted for the following period in the last month of the current period. Their associated Reference Numbers are not reallocated to assist continuity of Site/Works identification. Any new stormwater issues identified in a period, will be given a new sequential Reference Number.

#### Priority Allocation.

Priorities for each period are allocated by NACCAI based on assessed Resident impact and Safety Risk factors. At each 6 monthly review, when works and priority allocation are agreed with MCC, these are planned for completion within the next period. For major works, these maybe planned for a 12 monthly period and identified as such. Most of this report's issues have been active since at least 2014, therefore initially many will have an "A" priority.

<b>Ref. Number.</b>	<b>Requested Drainage Works for Current Period. (Dec. 2023 to May 2024)</b>	<b>Priority.</b>	<b>MCC Status.</b>
3, 4 & 89.	North end Eastslope Way inadequate Pit and Culvert flow capacity for volumes delivered from surrounding catchment. Hazardous open drain on opposite corner footpath is a safety risk to pedestrians. Provide solution to temporary sandbags that are washed down to Drain inlet and restrict flow,	A+	A Project Brief has been created and is now with the Design Department for creation of construction drawings.
91a to 91g.	North end Merriwa Blvd. heavy cross road flooding occurs from the west side of the Blvd. due to absent Driveway Culvert Drains and inadequate Table Drains both sides. Heavy damage to road surface where stormwater crosses road.	A+	Council to correct, with consideration for effectiveness of recent Council rebuilding of Gloucester St. Table Drain. Road surface damage was repaired in 2023. Awaiting next heavy Stormwater event to reassess.


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### Section A. General Drainage Issues.

	<b>BMT Map Site</b>	<b>Description.</b>	<b>Report from Observations.</b>	<b>Pri orit y.</b>	<b>MCC Work</b>	<b>MCC Capital Funding &amp; Period</b>
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3.	S1	<p>Reconstruct existing drainage pit north west corner <u>Merriwa Blvd / Eastslope Way</u>.</p> 	<p>Pit has not been upgraded to mesh type and fails child safety requirements.</p> <p>Higher volumes of water being directed to it than its design can cope with and sandbags end up further reducing water volumes due to movement to drain.</p> <p>Pit discharges to north east corner via under road culvert which is undersized for the volumes directed to it. Hazardous vehicle, pedestrian situation with open drain. Refer Ref. No.89.</p> <p>Cross road overflows from this Drain consistently damage adjacent road surfaces.</p>	A	1 & 2	
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<p>3 cont.</p>		<p><u>Eastslope Way and Merriwa Intersection.</u></p>  	<p>South side Table Drain in Merriwa Blvd. west remains partly shallow. North side drain is now a good size.</p> <p>A close watch on the Eastslope Way Table Drain depth and cleanliness from this location south needs to be kept to avoid a repeat of past heavy Cross Road Flows to down slope properties between this intersection and Casuarina Park.</p> <p>Some Driveway Culvert Pipe issues here have been corrected by Residents.</p>	<p>A</p>		
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4	S1	Construct new Debris Barriers for North side Table Drain <u>Merriwa Blvd. to Eastslope Way.</u>	Temporary sandbags to reduce flow rate washed down Table drain to pit where they further reduce Pit flow.  Permanent swales required.	A	2	
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8 Cont	S1	<p>Construct pre-treatment swale/basin and biofiltration basin in <u>Casuarina Park and Eastslope Way</u></p> 	<p>NOT DONE. May not be required. North Arm Cove for historical reasons has precious little waterfront access land available for public recreation. We believe therefore any reduction in this small area is not a positive for residents. We would like to suggest an alternative.</p> <p>The drains feeding into the Casuarina Outlet (south perimeter) are more than adequate to pass any foreseeable volume of stormwater from the northern section of Eastslope Way with 2 x 760mm ID pipes as evidenced in the 2015 and 2020 storms. One west side drain centred on the park near 61 exits to the west top end of the park. It pours onto the park and Table Drain beside sealed entry track.</p> <p>The second pit 35 metres south stays underground and empties on the east end of the park beside the Dinghy Ramp. If the first pit drain pipe was connected to the second under-ground within the park both could exit directly beside the Ramp.</p> <p>If similar swales were constructed here as were at the Water St outlet, current problems with stormwater impacting on the Ramp and therefore restrictions on its length could be resolved.</p> <p>Of note also is the positive impact Table Drain rebuilding and cleaning by Council and Culvert Pipe installation and enlargement by</p>	C	3	
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			<p>Residents has had on reducing Cross Road Flooding risk into neighbours opposite.</p>			
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8 cont.	S1	<p><u>Casuarina Park</u></p> 	<p>Thus, two significant problems, uncontrolled erosion of the park and inability to lengthen the Ramp to a practical and useful length would be resolved. Most importantly, the current very unsafe construction of the Ramp end would be eliminated.</p> <p>All existing Concrete pits feeding to the two main pipes including adjacent to house Nos 57, 61 and 63 should be converted to mesh style to reduce the impact of debris build-up and subsequent flow restriction.</p> <p>Currently sandbagged which ultimately further reduces the pits effectiveness.</p> <p>Heavy cross road flow into Casuarina as a consequence. Sealing of the track to the Ramp recently by Council has reduced the erosion flow and provided safer access. It will be interesting to record flows when the next heavy sustained rain event occurs.</p>			
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15	S2b	<p>Construct new debris barriers <u>Water St.</u></p> 	<p>PARTLY COMPLETED north side of drain only but not well maintained.</p> <p>This south side of under road inlet also requires debris barriers and child access protection.</p>	A		

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19	S2b	<p>Regrade &amp; seal track between corner <u>Eastslope Way and Water St.</u> and Yallahah Park, east side car parking area.</p> 	<p>NOT DONE. This is the top end of Water St. <u>Suggest regrade and bitumen seal.</u> Construct drains on both sides with sediment and debris diversion / barriers.</p> <p>Currently vehicle access to the Park and rear of properties from here is blocked to vehicles by boulders. These should be removed now to allow access to convenient parking adjacent to the Exercise Track and clear access for Fire Tenders and Crews to this area.</p>	A+	2	
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20	S2c	<p>Construct sub-soil drainage system. <u>43 - 49 Cove Blvd.</u></p> 	<p>NOT DONE.</p> <p>Taken during 2024 review. Road surface damage due to heavy Cross Road flooding since 2023 Review. Previous patching evident.</p>	A	2	
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21	S2c	Construct Table Drain and Culvert Pipe Driveway crossings 43-49.	NOT DONE.	B/C	2	
22	S2c	Re-construct driveway crossings. <u>43 - 49 Cove Blvd.</u> 	NOT DONE. Currently 49 has no culvert driveway pipe. Flows from driveway across road with consequent road surface damage.	A	2	
23	S2c	Construct new kerb and gutter between <u>36 - 54 Cove Blvd.</u> (east side) and adjust driveway accesses.	NOT DONE. Cross flow due to west side drain maintenance and sediment /gravel wash from driveways. Water flow blocked at south end of 73 Driveway pipe. Drain should be deepened. Gravel from driveway 51 flowing to 64 - 68.  Kerb and gutter should not be required if Table Drain and Culvert Driveways were constructed and maintained to reduce Cross Road Flooding to properties opposite.	A		


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47	S4b	Regrade existing Table Drain on north end of <u>The Esplanade</u> and extend.	Complete to 41. No Drain between 35 and 41.	B		
52	S5b	Replace Pit feeding drainage line beside <u>131 Promontory Way</u> .	Whilst open Main Drain is now complete, Pit feeding is inadequate. The new drain is fed from a small pit on the opposite side of road. The pit requires upgrading or improving flow access. Table Drains feeding existing pit are too shallow or non existant.	A		
53	S5b	Construct kerb and gutter in front of <u>131 Promontory Way</u> and adjacent properties.	NOT DONE. An upgraded Pit, Improved Table Drains and the newly constructed open main drain could negate need for this. Follow up after next heavy rains needed.	B		
57	V4	Driveway Culvert Pipe inspections.	Refer Section C.in this Report. <u>"Culvert Pipe Size Survey For North Arm Cove. June 2021"</u> .			
58	V5	Drainage Pit inlet inspections	Refer Section B.in this Report: " <u>Drainage Pit Survey North Arm Cove June/July 2021</u> ". Most pits require upgrading and some in urgent need of child protection guarding.			

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59	V6	Maintenance of Table Drains.	Requires regular inspections. Also, resident education re impact of overgrown/debris filled drains on across road neighbours is needed. Council performs scheduled maintenance.			
60 New	V7	Driveway Crossing audit. (Culvert Pipe_Diameters)	Refer "Culvert Pipe Size Survey for North Arm Cove" by NACCAI June 2021.			
67 New	Fig.4-4	Two safety posts missing from south side table drain <u>Water St.</u>	Replace white safety posts. Whilst essential for water flow in the absence of covered pipes, the depth of drains on both sides of road require clear warnings of the steep drop off from the road edge. Suggest a simple safety barrier of some description be erected between driveway crossings to reduce risk to pedestrians and vehicles.	A		


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68 New	Fig 4-5	<p>Table Drain <u>99 - 107 Cove Blvd.</u></p> 	<p>Drain has eroded to edge of road bitumen. Requires realigning to the west to create a safe verge width. May require rock/boulder cutting. Dangerous due to narrow road width.</p>	A		
71 New	Fig 4-4	<p><u>41 - 51 Cove Blvd.</u> No Table Drains</p>	<p>Evidence of heavy cross road flows to 52. Heavy erosion.</p>			
72 New	Fig.4-4	<p><u>45-47 Cove Blvd.</u> Table Drain too shallow.</p>	<p>Deepening required.</p>	A/B		

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75 New	NA	<u>101-103 Cove Blvd.</u> Table Drain and one side of Culvert pipe blocked.	Road surface damaged from cross road flows. Extend concrete gutter currently ending at No. to 101	A/B	2	
77 New	NA	<u>107 - 111 Cove Blvd.</u> Table Drains too shallow.	Rebuild.	A/B	2	
78 New	NA	<u>123 - 129 Cove Blvd.</u> Table Drains too shallow or absent.	Road surface damage due to cross road flooding.	A	2	
79 New	NA	<u>Point Circuit.</u> No Table Drain on left side of road.	Table Drain required north side of north end and south side of south end. Right side (inner) needs clearing.	B		
81 New	NA	<u>53 Point Circuit.</u> Pit opposite needs upgrading to grated type.	To maximise stormwater collection to under road drain and easement.	A/B	2	
82 New	Fig 4-8 Add	<u>20 - 26 Promontory Way.</u> No table drain or driveway culvert pipes.	Southern high end of large catchment area. No.20 Table Drain undefined. No.22 no Table Drain. No.24 no Table Drain. No.26 no Culvert Pipe under new Driveway.	A	2	
83 New	Fig 4-8 Add	<u>28 - 52 Promontory Way.</u> Table Drains require deepening to varying amount.	Area generating heavy water volumes that flow both down road from north and south and cross road from 32 - 38 opposite. Cross road flooding in this area is severe.	A/B	2	

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<p>85 New</p>	<p>Fig 4-8 Add</p>	<p>46 - 54 Promontory Way. No table drains or of inadequate depth to handle flow volumes.</p> 	<p>Area of heavy cross road flooding. Construct table drains of consistent and adequate depth. Short drain between Nos.50 - 52 but pipe openings partly blocked. No.54 needs Council works to construct a deep drain to connect with the pit in No.52.</p> <p>Suggest problem in this area should be assessed by Engineer due to complex in flows including from Outlook Drive and flooding across road into Heros via access track and into No.101.</p>	<p>A/B</p>	<p>2</p>	
<p>86 New</p>	<p>Fig 4-8</p>	<p><u>Access road to Heros Beach.</u> South side drain deeply eroded.</p>	<p>PRIORITY. Could be hazardous to vehicles and pedestrians. Road should be sealed.</p>	<p>A</p>		

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87 New	Fig 4-8	<u>58 - 68 Promontory Way</u> . Table drains too shallow or non-existent.	Table drains require deepening and some driveway pipes are undersize.	A/B	3	
88	Fig 4-8	<u>1 - block 29 The Esplanade</u> . (Continuation from end of Promontory Way) No table drains.	Construct Table Drains.	A/B	2	




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<p>89 New</p>	<p>Fig 4-3</p>	<p><u>38 Eastslope Way.</u>          Dangerous, deep Open Drain.</p> 	<p>Fully enclose drain from under road outlet on Eastslope Way to driveway inlet on Merriwa Blvd. Open drain is very hazardous and has existed for a number of years. Part of drainage problem listed at Ref.3. Under road pipe should be greater diameter to reduce overflow at input Drain on opposite corner.</p> 	<p>A/B</p>	<p>2</p>	
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91a.	No BMT Report for this North end of NAC.	<p><u>5 Merriwa Blvd.</u> View south.</p> 	<p>This area in the northern end of North Arm Cove was not reported as having flooding/drainage problems in the 2014 BMT Report.</p> <p>The NACCAI Stormwater and Drainage Sub Committee became aware when contacted by a resident after the draft report was placed on our web site for resident information and comment.</p> <p>Cross road flooding occurs mostly from Gloucester St. down and impacts as far as No.12.</p>	A		
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91b..		<p><u>7 Merriwa Blvd.</u> View north uphill.</p> 	<p>Table Drain and Driveway Culvert Pipe pass some stormwater effectively downhill from this point.        The lack of drains and under driveway pipes uphill however also sends a parallel water flow down and across the road and then to downslope properties opposite.</p>	A		
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91c.		<p>5 Merriwa Blvd. View south downhill.</p> 	<p>Road surface repaired previously showing subsequent and continuing damage in two places from heavy Cross Road Flooding from two Dish Driveways opposite.</p>	A		
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91d.		<p>4 Merriwa Blvd. View north</p> 	<p>East side of road showing edge erosion and shallow depth of drain. These, with slope and lack of vegetation, creates increased flow velocity to properties adjacent and further downhill. Taken 65 metres. from Gloucester St. intersection.</p>			
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91e.		<p>8 Merriwa Blvd. View north.</p> 	<p>Shallow and poorly defined drain inadequate to control water volumes flowing from upslope and down-hill from Gloucester St.</p>			
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91f.		8 Merriwa Blvd .View south. 	Edge erosion from Cross Road Flooding.			
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<p>91g. New</p>		<p>Corner Gloucester St. and Merriwa Blvd.. View South.</p> 	<p>Advice from long term residents is that the Surface flooding into Merriwa Blvd. is primarily coming from this area along Gloucester St. and land north and west of this intersection. Someone has recently driven the tyres of a heavy vehicle along the verge where a good size Table Drain should be. This slight indentation would have little impact on the directional control of surface flooding during heavy rains.</p> <p>Council cleared and increased the Drain depth in 2023 which reduced the Cross Road Flow into Merriwa Blvd. however the Drain area closer to the Eastslope Way intersection requires further deepening to reduce Cross Road Flows to properties opposite and hence down to Merriwa Blvd.</p>	<p>A</p>		
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<p>92 New</p>		<p>53 The Esplanade North Side Drain Inlet Pit.</p>  <p>South Side of Road Drain Outlet</p>	<p>Deep Pit for heavy Stormwater inlet flow on north side of road and deep Drain outlet on south side opposite. No adequate protection for vehicles or pedestrians, especially children from accidentally entering or falling in. One person has fallen into the Drain Outlet after stepping from a vehicle. Vehicle Safety Railing should be installed for both sides of road above the Pit and Drain.</p>	<p>A</p>		
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### **Suggested Priority and Degree of Work Required Classification for Reference.**

#### **Priority**

- A – needed to prevent building/driveway flooding caused by drain overflow, or needed for child and /or general safety.
- B - needed to prevent drains overflowing onto roads
- C – needed to enable drains to flow properly, reduce likelihood of blockages

#### **Degree of Work Required**

- 1 – clear drains/pits, remove debris
- 2 – widen/deepen/rebuild table drains, upgrade pipes
- 3 - new/upgraded drainage pipes (not under driveways), negotiate drainage easements, property acquisitions, seal roads

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### Section A. General Drainage Issues.

	BMT Map Site	Description.	Report from Observations.	Pri orit y-	MCC Work	MCC Capital Funding &

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						<b>Period</b>
3.	S1	<p>Reconstruct existing drainage pit north west corner <u>Merriwa Blvd / Eastslope Way.</u></p> 	<p>Pit has not been upgraded to mesh type and fails child safety requirements.</p> <p>Higher volumes of water being directed to it than its design can cope with and sandbags end up further reducing water volumes due to movement to drain.</p> <p>Pit discharges to north east corner via under road culvert which is undersized for the volumes directed to it. Hazardous vehicle, pedestrian situation with open drain. Refer Ref. No.89.</p> <p>Cross road overflows from this Drain consistently damage adjacent road surfaces.</p>	A	1 & 2	

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<p>3 cont.</p>		<p><u>Eastslope Way and Merriwa Intersection.</u></p>  	<p>South side Table Drain in Merriwa Blvd. west remains partly shallow. North side drain is now a good size.</p> <p>A close watch on the Eastslope Way Table Drain depth and cleanliness from this location south needs to be kept to avoid a repeat of past heavy Cross Road Flows to down slope properties between this intersection and Casuarina Park.</p> <p>Some Driveway Culvert Pipe issues here have been corrected by Residents.</p>	<p>A</p>		
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## Minutes for Ordinary General Meeting


4	S1	Construct new Debris Barriers for North side Table Drain <u>Merriwa Blvd. to Eastslope Way.</u>	Temporary sandbags to reduce flow rate washed down Table drain to pit where they further reduce Pit flow.  Permanent swales required.	A	2	
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## Minutes for Ordinary General Meeting


<p>8 Cont</p>	<p>S1</p>	<p>Construct pre-treatment swale/basin and biofiltration basin in <u>Casuarina Park and Eastslope Way</u></p> 	<p>NOT DONE. May not be required. North Arm Cove for historical reasons has precious little waterfront access land available for public recreation. We believe therefore any reduction in this small area is not a positive for residents. We would like to suggest an alternative.</p> <p>The drains feeding into the Casuarina Outlet (south perimeter) are more than adequate to pass any foreseeable volume of stormwater from the northern section of Eastslope Way with 2 x 760mm ID pipes as evidenced in the 2015 and 2020 storms. One west side drain centred on the park near 61 exits to the west top end of the park. It pours onto the park and Table Drain beside sealed entry track.</p> <p>The second pit 35 metres south stays underground and empties on the east end of the park beside the Dinghy Ramp. If the first pit drain pipe was connected to the second under-ground within the park both could exit directly beside the Ramp.</p> <p>If similar swales were constructed here as were at the Water St outlet, current problems with stormwater impacting on the Ramp and</p>	<p>C</p>	<p>3</p>	
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			<p>therefore restrictions on its length could be resolved.</p> <p>Of note also is the positive impact Table Drain rebuilding and cleaning by Council and Culvert Pipe installation and enlargement by Residents has had on reducing Cross Road Flooding risk into neighbours opposite.</p>			
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## Minutes for Ordinary General Meeting

<p>8 cont.</p>	<p>S1</p>	<p><u>Casuarina Park</u></p> 	<p>Thus, two significant problems, uncontrolled erosion of the park and inability to lengthen the Ramp to a practical and useful length would be resolved. Most importantly, the current very unsafe construction of the Ramp end would be eliminated.</p> <p>All existing Concrete pits feeding to the two main pipes including adjacent to house Nos 57, 61 and 63 should be converted to mesh style to reduce the impact of debris build-up and subsequent flow restriction.</p> <p>Currently sandbagged which ultimately further reduces the pits effectiveness.</p> <p>Heavy cross road flow into Casuarina as a consequence. Sealing of the track to the Ramp recently by Council has reduced the erosion flow and provided safer access. It will be interesting to record flows when the next heavy sustained rain event occurs.</p>			
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## Minutes for Ordinary General Meeting

						
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## Minutes for Ordinary General Meeting

15	S2b	<p>Construct new debris barriers <u>Water St.</u></p> 	<p>PARTLY COMPLETED north side of drain only but not well maintained.</p> <p>This south side of under road inlet also requires debris barriers and child access protection.</p>	A		
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## Minutes for Ordinary General Meeting

19	S2b	<p>Regrade &amp; seal track between corner <u>Eastslope Way and Water St.</u> and Yallahah Park, east side car parking area.</p> 	<p>NOT DONE. This is the top end of Water St. <u>Suggest regrade and bitumen seal.</u> Construct drains on both sides with sediment and debris diversion / barriers.</p> <p>Currently vehicle access to the Park and rear of properties from here is blocked to vehicles by boulders. These should be removed now to allow access to convenient parking adjacent to the Exercise Track and clear access for Fire Tenders.</p> <p>and Crews to this area.</p>	A+	2	
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## Minutes for Ordinary General Meeting

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**Minutes for Ordinary General Meeting**


20	S2c	Construct sub-soil drainage system. <u>43 - 49 Cove Blvd.</u> 	NOT DONE.	A	2	
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## Minutes for Ordinary General Meeting

			<p>Taken during 2024 review. Road surface damage due to heavy Cross Road flooding since 2023 Review. Previous patching evident.</p>			
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## Minutes for Ordinary General Meeting

21	S2c	Construct Table Drain and Culvert Pipe Driveway crossings 43-49.	NOT DONE.	B/C	2	
22	S2c	<p>Re-construct driveway crossings. <u>43 - 49 Cove Blvd.</u></p> 	NOT DONE. Currently 49 has no culvert driveway pipe. Flows from driveway across road with consequent road surface damage.	A	2	

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23	S2c	Construct new kerb and gutter between <u>36 - 54 Cove Blvd.</u> (east side) and adjust driveway accesses.	<p>NOT DONE. Cross flow due to west side drain maintenance and sediment /gravel wash from driveways. Water flow blocked at south end of 73 Driveway pipe. Drain should be deepened.</p> <p>Gravel from driveway 51 flowing to 64 - 68.</p> <p>Kerb and gutter should not be required if Table Drain and Culvert Driveways were constructed and maintained to reduce Cross Road Flooding to properties opposite.</p>	A		
47	S4b	Regrade existing Table Drain on north end of <u>The Esplanade</u> and extend.	Complete to 41. No Drain between 35 and 41.	B		


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52	S5b	Replace Pit feeding drainage line beside <u>131 Promontory Way</u> .	<p>Whilst open Main Drain is now complete, Pit feeding is inadequate.</p> <p>The new drain is fed from a small pit on the opposite side of road. The pit requires upgrading or improving flow access.</p> <p>Table Drains feeding existing pit are too shallow or non existant.</p> <p>.</p>	A		
53	S5b	Construct kerb and gutter in front of <u>131 Promontory Way</u> and adjacent properties.	<p>NOT DONE.</p> <p>An upgraded Pit, Improved Table Drains and the newly constructed open main drain could negate need for this. Follow up after next heavy rains needed.</p>	B		
57	V4	Driveway Culvert Pipe inspections.	<p>Refer Section C.in this Report.</p> <p><u>“Culvert Pipe Size Survey For North Arm Cove. June 2021”.</u></p>			
58	V5	Drainage Pit inlet inspections	<p>Refer Section B.in this Report: <u>“Drainage Pit Survey North Arm Cove June/July 2021”.</u></p> <p>Most pits require upgrading and some in urgent need of child protection guarding.</p>			

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59	V6	Maintenance of Table Drains.	Requires regular inspections.  Also, resident education re impact of overgrown/debris filled drains on across road neighbours is needed. Council performs scheduled maintenance.			
60 New	V7	Driveway Crossing audit. (Culvert Pipe_Diameters)	Refer "Culvert Pipe Size Survey for North Arm Cove" by NACCAI June 2021.			
67 New	Fig.4-4	Two safety posts missing from south side table drain <u>Water St.</u>	Replace white safety posts. Whilst essential for water flow in the absence of covered pipes, the depth of drains on both sides of road require clear warnings of the steep drop off from the road edge.  Suggest a simple safety barrier of some description be erected between driveway crossings to reduce risk to pedestrians and vehicles.	A		

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68	Fig 4-	Table Drain <u>99 - 107 Cove Blvd.</u>	Drain has eroded to edge of road bitumen.			
New	5		Requires realigning to the west to create a safe verge width.	A		
			May require rock/boulder cutting.			
			Dangerous due to narrow road width.			



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71 New	Fig 4-4	<u>41 - 51 Cove Blvd.</u> No Table Drains	Evidence of heavy cross road flows to 52. Heavy erosion.			
72 New	Fig.4-4	<u>45-47 Cove Blvd.</u> Table Drain too shallow.	Deepening required.	A/B		
75 New	NA	<u>101-103 Cove Blvd.</u> Table Drain and one side of Culvert pipe blocked.	Road surface damaged from cross road flows. Extend concrete gutter currently ending at No. to 101	A/B	2	
77 New	NA	<u>107 - 111 Cove Blvd.</u> Table Drains too shallow.	Rebuild.	A/B	2	
78 New	NA	<u>123 - 129 Cove Blvd.</u> Table Drains too shallow or absent.	Road surface damage due to cross road flooding.	A	2	
79 New	NA	<u>Point Circuit.</u> No Table Drain on left side of road.	Table Drain required north side of north end and south side of south end. Right side (inner) needs clearing.	B		

## Minutes for Ordinary General Meeting

81 New	NA	<u>53 Point Circuit.</u> opposite needs upgrading to grated type.	Pit	To maximise stormwater collection to under road drain and easement.	A/B	2	
82 New	Fig 4-8 Add	<u>20 - 26 Promontory Way.</u> No table drain or driveway culvert pipes.		Southern high end of large catchment area. No.20 Table Drain undefined. No.22 no Table Drain. No.24 no Table Drain.  No.26 no Culvert Pipe under new Driveway.	A	2	
83 New	Fig 4-8 Add	<u>28 - 52 Promontory Way.</u> Table Drains require deepening to varying amount.		Area generating heavy water volumes that flow both down road from north and south and cross road from 32 - 38 opposite.  Cross road flooding in this area is severe.	A/B	2	

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<p>85 New</p>	<p>Fig 4-8 Add</p>	<p>46 - 54 Promontory Way. No table drains or of inadequate depth to handle flow volumes.</p>  	<p>Area of heavy cross road flooding. Construct table drains of consistent and adequate depth. Short drain between Nos.50 - 52 but pipe openings partly blocked. No.54 needs Council works to construct a deep drain to connect with the pit in No.52.</p> <p>Suggest problem in this area should be assessed by Engineer due to complex in flows including from Outlook Drive and flooding across road into Heros via access track and into No.101.</p>	<p>A/B</p>	<p>2</p>	
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86 New	Fig 4-8	<u>Access road to Heros Beach</u> . South side drain deeply eroded.	PRIORITY. Could be hazardous to vehicles and pedestrians. Road should be sealed.	A		
87 New	Fig 4-8	<u>58 - 68 Promontory Way</u> . Table drains too shallow or non-existent.	Table drains require deepening and some driveway pipes are undersize.	A/B	3	
88	Fig 4-8	<u>1 - block 29 The Esplanade</u> . (Continuation from end of Promontory Way) No table drains.	Construct Table Drains.	A/B	2	


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<p>89 New</p>	<p>Fig 4-3</p>	<p><u>38 Eastslope Way.</u> Dangerous, deep Open Drain.</p> 	<p>Fully enclose drain from under road outlet on Eastslope Way to driveway inlet on Merriwa Blvd. Open drain is very hazardous and has existed for a number of years. Part of drainage problem listed at Ref.3.</p> <p>Under road pipe should be greater diameter to reduce overflow at input Drain on opposite corner.</p> 	<p>A/B</p>	<p>2</p>	
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## Minutes for Ordinary General Meeting

91a.	No BMT  Report for this  North end of  NAC.	<p><u>5 Merriwa Blvd.</u> View south.</p> 	<p>This area in the northern end of North Arm Cove was not reported as having flooding/drainage problems in the 2014 BMT Report.</p> <p>The NACCAI Stormwater and Drainage Sub Committee became aware when contacted by a resident after the draft report was placed on our web site for resident information and comment.</p> <p>Cross road flooding occurs mostly from Gloucester St. down and impacts as far as No.12.</p>	A		
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## Minutes for Ordinary General Meeting

91b..		<p><u>7 Merriwa Blvd.</u> View north uphill.</p> 	<p>Table Drain and Driveway Culvert Pipe pass some stormwater effectively downhill from this point.</p> <p>The lack of drains and under driveway pipes uphill however also sends a parallel water flow down and across the road and then to downslope properties opposite.</p>	A		
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## Minutes for Ordinary General Meeting

91c.		<p>5 Merriwa Blvd. View south downhill.</p> 	<p>Road surface repaired previously showing subsequent and continuing damage in two places from heavy Cross Road Flooding from two Dish Driveways opposite.</p>	A		
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## Minutes for Ordinary General Meeting

91d.		<p>4 Merriwa Blvd. View north</p> 	<p>East side of road showing edge erosion and shallow depth of drain. These, with slope and lack of vegetation, creates increased flow velocity to properties adjacent and further downhill. Taken 65 metres. from Gloucester St. intersection.</p>			
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91e.		<p>8 Merriwa Blvd. View north.</p> 	<p>Shallow and poorly defined drain inadequate to control water volumes flowing from upslope and down-hill from Gloucester St.</p>			
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## Minutes for Ordinary General Meeting


91f.		<p>8 Merriwa Blvd .View south.</p> 	<p>Edge erosion from Cross Road Flooding.</p>			
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<p>91g. New</p>		<p>Corner Gloucester St. and Merriwa Blvd.. View South.</p> 	<p>Advice from long term residents is that the Surface flooding into Merriwa Blvd. is primarily coming from this area along Gloucester St. and land north and west of this intersection.</p> <p>Someone has recently driven the tyres of a heavy vehicle along the verge where a good size Table Drain should be. This slight indentation would have little impact on the directional control of surface flooding during heavy rains.</p> <p>Council cleared and increased the Drain depth in 2023 which reduced the Cross Road Flow into Merriwa Blvd. however the Drain area closer to the Eastslope Way intersection requires further deepening to reduce Cross Road Flows to properties opposite and hence down to Merriwa Blvd.</p>	<p>A</p>		
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<p>92 New</p>		<p>53 The Esplanade North Side Drain Inlet Pit.</p>  <p>South Side of Road Drain Outlet</p>	<p>Deep Pit for heavy Stormwater inlet flow on north side of road and deep Drain outlet on south side opposite. No adequate protection for vehicles or pedestrians, especially children from accidentally entering or falling in.</p> <p>One person has fallen into the Drain Outlet after stepping from a vehicle.</p> <p>Vehicle Safety Railing should be installed for both sides of road above the Pit and Drain.</p>	<p>A</p>		
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## Minutes for Ordinary General Meeting



## **Suggested Priority and Degree of Work Required Classification for Reference.**

### **Priority**

A – needed to prevent building/driveway flooding caused by drain overflow, or needed for child and /or general safety.

B - needed to prevent drains overflowing onto roads

C – needed to enable drains to flow properly, reduce likelihood of blockages

### **Degree of Work Required**

1 – clear drains/pits, remove debris

2 – widen/deepen/rebuild table drains, upgrade pipes

3 - new/upgraded drainage pipes (not under driveways), negotiate drainage easements, property acquisitions, seal roads

## July-August 2024 Financial Report

from 1/7/2024 to 31/8/2024

Accounts	Grant amount	Opening	Closing
Friends of Fame Cove		406.06	406.06
NACCAi		7,139.17	7,740.83
Stronger Commun Project		456.53	456.53
Defibrillator		500.00	500.00
Yallarwah Park Fitness Track	90,606.00	1,845.44	1,157.79
Community Garden Potting Shed	14,000.00	359.13	359.13
Welcome Pack	2,000.00	1,392.93	1,392.93
Future Project		1,275.00	1,275.00
Website cost provision		615.73	615.73
		<b>13,989.99</b>	<b>13,904.00</b>
Beyond Bank		13,989.99	13,904.00
<b>Total</b>		<b>13,989.99</b>	<b>13,904.00</b>
<b>Plus Income to 31 Aug</b>			
Interest		11.66	
Member subscriptions		590.00	
<b>Total Income</b>		<b>601.66</b>	
<b>Less Expenditure to 31 Aug</b>			
Yallarwah Park Fitness Track		687.65	
<b>Total Expenditure</b>		<b>687.65</b>	
<b>Closing Balance</b>		<b>=</b>	<b>13,904.00</b>