

Capricorn Municipal Development Guidelines

Technical Reference Group

POST AMALGAMATION MEETING 8

MEETING MINUTES

Venue: Rockhampton Regional Council, Dooley Street Office, Rockhampton

Date and Time: Wed 15th February 2017
9:00am – 1:20pm

Attendees Grant Vaughan (RRC), Jamie McCaul (RRC), Michael Prior (LSC), Phil McKone (LSC), Chris Hegarty (Cardno)

On Teleconference Kristian Bennett (MRC), Scott Mc Donald (GRC), Jorge El Khouri (GRC), Brendan Fuller (CHRC), Leesa Miller (BSC)

Apologies: Pat Moore (IRC), Kym Downey (MRC), Gail Roylance (BSC)

No	Item	Action By
1	<u>Welcome to Isaac Regional Council</u> <ul style="list-style-type: none">IRC Changes for standard drawings are complete and loaded to website. The specifications are complete but not loaded to website due to change over in editing software.	
2	<u>Matters arising from previous meeting minutes</u> <ul style="list-style-type: none">Nil.	
3	<u>CMDG Governance</u> <ul style="list-style-type: none">The draft governance document was discussed with the following outcomes:<ol style="list-style-type: none">CMDG Coordinator is to keep a register of industry contacts for communication and consultation purposes. All Councils are to provide emails of local consultants and other interested parties in their areas;Industry contacts are to be advised each time the website changes. Draft proposals for changes to standards will be communicated to the industry contacts for feedback where deemed necessary by the group.Council Nominees are to ensure they have delegated authority from their respective Councils;GRC (Scott) is to forward additional information for inclusion in Clause 6 (regarding IP and other matters)Cardno to make changes agreed at the meeting and circulate a new document to all for approval.Legal review of approved document is to be arranged by LSC. Each clause to be numbered. (Phil)IRC will participate in Maintenance and Administration costs from end of January	All GRC (Scott) Cardno LSC (Phil)

Capricorn Municipal Development Guidelines

Technical Reference Group

4	<p><u>Potential for NCDC (Port Moresby) to use documentation</u></p> <ul style="list-style-type: none"> • Chris Hegarty declared an interest in this matter and left the room • All Councils expressed reservations with the risk involved with NCDC utilising the CMDG Documentation for Port Moresby specific situations • All Councils support Cardno using the CMDG documents to develop NCDC Documentation, subject to the following conditions: <ul style="list-style-type: none"> • Documents are completely rebadged (removing all CMDG references) prior to distribution • Disclaimer included to indemnify the CMDG Group from re-use of the document (PNG conditions) • Approval to use the documentation is for NCDC only and cannot be passed to a third party for another purpose. • Suitable acknowledgement to the CMDG group. • Payment of a royalty was deemed to convey unsatisfactory risk to the CMDG Group. Therefore all Councils agreed to waive any payment. • Cardno to communicate outcome to NCDC 	Cardno
5	<p><u>CMDG Document and Website Status</u></p> <ul style="list-style-type: none"> • Verbal update given - Nil outcomes 	
6	<p><u>Primerseal under asphalt (Grant RRC)</u></p> <ul style="list-style-type: none"> • It was agreed that there were no known issues with cutter content or asphalt softening – no documentation changes are required. 	
7	<p><u>Unreinforced walls to Cast in Situ drainage pits (Grant RRC)</u></p> <ul style="list-style-type: none"> • Cardno to insert a new note (similar to TMR drawing SD1311) onto drawings CMDG-D-022 and CMDG-D-030 as follows: <i>“Concrete in situ pits up to a depth of 2.2m do not require steel reinforcement. One layer of SL81 reinforcing mesh is to be placed centrally for in the walls for pit depths 2.2m to 3.0m. All other situations must be RPEQ designed.”</i> 	Cardno
8	<p><u>Drainage solutions for small infill development where land falls away from the road or drainage system (Jamie RRC)</u></p> <ul style="list-style-type: none"> • RRC (Jamie) is to review the Queensland Development Code requirements for drainage and, if necessary, develop a proposed guideline for acceptable drainage approaches where land falls away from the road. This draft guideline is to be considered at the next CMDG meeting. • GRC (Jorge) is to forward a draft copy of a legal point of discharge policy which may assist in developing a solution for all Councils 	RRC (Jamie) GRC (Jorge)

Capricorn Municipal Development Guidelines

Technical Reference Group

9	<p><u>Flushing of Sewer Mains (Jamie - RRC)</u></p> <ul style="list-style-type: none"> Cardno to review the existing D12 Document regarding flushing of sewer mains. If not sufficiently clear a note is to be added to ensure that flushing is carried out before visual inspection. 	Cardno																			
10	<p><u>Water and Sewer documentation – issues from Nov 2014</u></p> <ul style="list-style-type: none"> Combined roofwater / sewer easement width – A 4m width is to be adopted by all Councils in this situation. <p>Clause D5.16.7 shall be amended as follows in bold italics:</p> <p>Where inter-allotment drainage and sewer mains are laid adjacent to each other they are to be spaced a minimum 0.75 metres between pipe centrelines. For inter allotment pipes greater Than 150dia the alignment of the sewer shall be increased to maintain the 0.75m spacing. <i>Where inter-allotment drainage and sewer mains are laid adjacent the minimum easement width shall be 4m.</i></p> <ul style="list-style-type: none"> Trunk Infrastructure requirements – GRC (Scott) is to identify trunk infrastructure as part of their ongoing review of D1 Road Design and forward to other Councils for review. All Councils will need to check that the designated trunk road infrastructure is consistent with their LGIP. Split ring collars for sewer manholes – No outcomes Potential changes to access chambers ingress testing where water table is high – Amend documentation to flag that vacuum testing may be required in areas where the water table is high. <p>The following amendment in bold italics is to be carried out to Table D12.20.01:</p> <p>Table D12.20.01 Testing of Access Chambers</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="width: 30%;">Council</th> <th style="width: 40%;">Method of testing of Access Chambers *</th> <th style="width: 30%;">NATA Accreditation</th> </tr> </thead> <tbody> <tr> <td>Banana Shire</td> <td rowspan="2">Hydrostatic testing in accordance with the procedure outlined below.</td> <td rowspan="2">No</td> </tr> <tr> <td>Central Highlands Regional</td> </tr> <tr> <td>Gladstone Regional</td> <td>Vacuum Testing in accordance with AS2566.</td> <td>Yes</td> </tr> <tr> <td>Isaac Regional</td> <td rowspan="2">Vacuum Testing in accordance with AS2566 OR Hydrostatic testing in accordance with the procedure outlined below.</td> <td>No</td> </tr> <tr> <td>Livingstone Shire</td> <td>Yes</td> </tr> <tr> <td>Maranoa Regional</td> <td rowspan="2">Hydrostatic testing in accordance with the procedure outlined below.</td> <td rowspan="2">No</td> </tr> <tr> <td>Rockhampton Regional</td> </tr> </tbody> </table> <p><i>* In areas where the water table is high vacuum testing may be required by the relevant authority.</i></p>	Council	Method of testing of Access Chambers *	NATA Accreditation	Banana Shire	Hydrostatic testing in accordance with the procedure outlined below.	No	Central Highlands Regional	Gladstone Regional	Vacuum Testing in accordance with AS2566.	Yes	Isaac Regional	Vacuum Testing in accordance with AS2566 OR Hydrostatic testing in accordance with the procedure outlined below.	No	Livingstone Shire	Yes	Maranoa Regional	Hydrostatic testing in accordance with the procedure outlined below.	No	Rockhampton Regional	<p>Cardno</p> <p>GRC (Scott)</p> <p>All</p> <p>Cardno</p>
Council	Method of testing of Access Chambers *	NATA Accreditation																			
Banana Shire	Hydrostatic testing in accordance with the procedure outlined below.	No																			
Central Highlands Regional																					
Gladstone Regional	Vacuum Testing in accordance with AS2566.	Yes																			
Isaac Regional	Vacuum Testing in accordance with AS2566 OR Hydrostatic testing in accordance with the procedure outlined below.	No																			
Livingstone Shire		Yes																			
Maranoa Regional	Hydrostatic testing in accordance with the procedure outlined below.	No																			
Rockhampton Regional																					

Capricorn Municipal Development Guidelines

Technical Reference Group

11	<u>Hydrant Pavement Markings (Steve CHRC)</u> <ul style="list-style-type: none"> CHRC (Brendan) is to research SEQ and other Councils approach to this matter and report to the next meeting. 	CHRC (Brendan)
12	<u>Structural Details on Water Booster Pump Station Drawings</u> <ul style="list-style-type: none"> Cardno to amend drawings to delete structural references including reinforcement details, footing dimensions etc. 	Cardno
13	<u>GRC Documentation Review. (Scott GRC)</u> <ul style="list-style-type: none"> Scott provided some details of the current GRC document review process. GRC (Scott) is to forward amended documents (with tracked changes) for the groups review as documents are completed. 	GRC (Scott)
14	<u>Subgrade Evaluation (Pat IRC)</u> <ul style="list-style-type: none"> The proposed change to D2.06 Subgrade Evaluation (relating to 1m test pit depth below subgrade) was not supported by Councils other than IRC Cardno to insert a new table of difference to address IRC requirements 	Cardno
15	<u>Review of AUSPEC basis of CMDG Document. (Scott GRC)</u> <ul style="list-style-type: none"> In conjunction with the current review process, GRC (Scott) is to review corresponding Auspec documents with a view to gleaning any important changes for incorporation into the CMDG documents. 	GRC (Scott)
16	<u>MUSIC Modelling (Phil LSC).</u> <ul style="list-style-type: none"> RRC (Grant) tabled an email from Monishaa at RRC recommending adoption of the Water by Design Healthy Waterways MUSIC Modelling Guidelines (email attached). RRC (Grant) to arrange for Monishaa to liaise with Zac from LSC and Jacinta from GRC to draft a suitable clause to add to the D5 Stormwater Drainage Design Guideline summarising the Water Quality requirements and reference the Water by Design Healthy Waterways MUSIC Modelling Guidelines 	RRC (Grant)
17	<u>Rural Property Access – CMDG-R-040 (Mike LSC).</u> <ul style="list-style-type: none"> All Councils except CHRC agree with the marked up changes to CMDG-R-040. CHRC require sealing of the property access to the property boundary and this will need to be reflected in the applicability table. LSC (Mike) is to investigate the possibility of incorporating the additional detail on the GRC only drawing (CMDG-R-041) into a single drawing as part of effecting the changes. In particular, the additional detail on ensuring drainage over property access culverts was seen as important to include. 	Cardno LSC (Mike)

Capricorn Municipal Development Guidelines
Technical Reference Group

18	<u>General Business - Retaining Walls (Phil LSC)</u> <ul style="list-style-type: none"> • LSC (Phil) is to obtain and circulate the South Australian policy example regarding retaining walls and associated easement requirements and make recommendations for changes to CMDG documentation (presumably to D6 Site Regrading) 	LSC (Phil)
19	<u>General Business – Door Handles on Pump Stations (Mike LSC)</u> <ul style="list-style-type: none"> • Cardno to amend the Door and Louvre schedule on drawing CMDG-W-073 to require internal and external door handles. 	Cardno
20	<u>General Business – Bungs for sewer testing (Mike LSC)</u> <ul style="list-style-type: none"> • LSC (Mike) to investigate and provide a briefing and recommendation for the next meeting. 	LSC (Mike)
	Next Meeting to be about six months time in Gladstone. Cardno to send out a date claimer.	Cardno

Capricorn Municipal Development Guidelines

Technical Reference Group

Grant Vaughan

From: Monishaa Prasad
Sent: Tuesday, 14 February 2017 9:24 PM
To: Jamie McCaul; Grant Vaughan
Cc: Martin Crow; Angus Russell
Subject: RE: CMDG Agenda - Meeting 15th Feb 2017 - MUSIC Guidelines Item

Hi Jamie and Grant,

I have perused through the MUSIC Modelling guidelines for Mackay Regional Council and note the following:

- Currency of the Mackay MUSIC guidelines- The Mackay MUSIC Modelling guidelines have not been updated since 2008, which means that some of the guidance contained in the document is no longer compatible with the new and updated versions of the MUSIC software and industry practice.
- The Mackay MUSIC guidelines contain area-specific parameters suited to the in-situ conditions of the Mackay Region. The guidelines may work as an interim measure for other CMDG Councils, however CMDG will need to recommend additional region-specific data and parameters for use with this guideline (such as guidance on rainfall inputs, soil parameters etc)

The Healthy Waterways Water by Design team developed a MUSIC Modelling guideline in 2010 which provides a comprehensive and prescriptive guide for carrying out conceptual modelling to assess the efficiency of storm water quality infrastructure proposed as part of a treatment train in South east Queensland. Water by Design have recently developed an updated version of their industry best-practice guideline to include input parameters for all Queensland regions, which will make this guideline a state-wide best practice guideline. This new version of the MUSIC Modelling guidelines is currently undergoing industry review and will be available in a few weeks.

In light of the above, suggestion is made to adopt the Water by Design Healthy Waterways MUSIC Modelling guidelines to guide stormwater quality modelling for the CMDG Councils.

Kind Regards,

Monishaa Prasad

Senior Infrastructure Planning Engineer – Floodplain Management | Strategic Infrastructure Unit
Rockhampton Regional Council

Ph: 07 4936 8915 E-mail: monishaa.prasad@rrc.qld.gov.au

Address: PO Box 1860, Rockhampton Q 4700 | Web: www.rrc.qld.gov.au

Like us www.facebook.com/RockhamptonRegionalCouncil Follow us www.twitter.com/RRCouncil

