

Coochie SEMP Community Reference Group

Meeting Record – Meeting 5

Meeting date: 12 September 2018 – Coochie Public Hall

Version control

	Circulation date	Amendment date
Version 1	19 September 2018	5 November 2018
Version 2	5 November 2018	

Attendees:

Name	Present	Apology	Name	Present	Apology
<u>Dr Mark Pillsworth</u>	✓		<u>Ray Burton</u>		✓
<u>Kevin Childs</u>	✓		<u>Graeme Roberts-Thomson</u>		✓
<u>Dr Michael Gourlay</u>	✓		<u>Russell Austerberry</u>		✓
<u>Peter Richardson</u>	✓		<u>Joel Bolzenius</u>		✓
<u>Denise Foley</u>		✓	<u>Sel Sultman</u>		✓
<u>Keith Stebbins</u>	✓		<u>Gay Deacon</u>		✓
<u>Tammy Holcroft</u>			<u>Luke Bekker</u>		✓
<u>Chris Leonard</u>	✓		<u>Deputy Mayor Lance Hewlett</u>	✓	
<u>Kate Brooks</u>	✓		<u>Michael Holland</u>	✓	
<u>Vivienne Roberts-Thomson</u>	✓		<u>Rod Powell</u>	✓	
<u>Nikki Cornwall</u>	✓		<u>Julie Fullerton</u>	✓	
<u>Malcolm Andrew (BMT)</u>	✓		<u>Jeremy Visser (BMT)</u>	✓	
<u>Jessie Cullen (BMT)</u>	✓				

Meeting Record endorsement

- Apology from Russell Austerberry.
- Concern was raised that notes from Meeting 3 had not been endorsed by the CRG. J. Fullerton noted that amendments were made and the final version circulated by J. Dujmovic on 21 May noting they would be adopted if no feedback was received. Final to be circulated to members. V. Roberts-Thomson raised concern that the process was not in line with how CRG meetings are meant to be recorded.
- Attendees endorsed the Meeting Record for meeting 4.
- K. Childs would email regarding items that have not yet been circulated from previous

Main issues of discussion

- **Control Point 5 Beach Profile** – M. Holland advised data has been collected by Port of Brisbane that included control point 5 and will be provided to BMT for consideration.
- **Scope of Bathymetric survey data** - M. Gourlay raised concern that if the red line denotes the areas surveyed, it is not sufficient. There is a reef area eastward of

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northeast tip which affect how the waves act on the shoreline and is crucial to erosion on the beach. Others agreed and M. Andrew (BMT) agreed and noted the survey was done 12 months ago. M. Pilsworth noted that the survey being discussed was pre-barge ramp construction, the profile of which is acting as a groyne on the main beach and causing significant changes in beach profile in this embayment.

M. Pillsworth also commented that changes in sediment composition at the NE tip is reflected in the species/species diversity across this foreshore (bioindicators). At this location, muddy sands have been replaced by sand with a change in prominent biota from mussels (clumped) to oysters (encrusting) i.e. both filter feeders but mussels tolerate finer sediments. The establishment of the oysters is on rocks now largely exposed at low tide and indicate that this change in the foreshore is not a recent phenomenon. It is hypothesized that this change in sediments has been caused by changes in prevailing winds across the Bay with consequent altered hydrodynamic input at this location.

- J. Cullen of BMT advised they are doing 10 years of retrospective modelling and the deficiencies are part of the inputs into the model. Michael to investigate whether further bathymetric surveys are possible.
- **Sand nourishment** - Norfolk Beach – M. Holland said no beach works planned at this time. V. Roberts-ThomsonThomson said RCC Ops Officer, W. Matthews had been to look at Control Point 4 at her request and could see stormwater runoff had exacerbated erosion and bank collapse. She advised in addition, Wayne inspected uncovered geobags walkways at Norfolk Beach which had become trip hazards and would talk to Rory.

R. Powell advised that RCC City Infrastructure (that manages the SEMP) is a planning area of Council and has not received any requests for works on Coochie. W. Matthews, is RCC City Operations and does proactive and reactive works. He will attend and inspect the site, make an assessment, determine if State approvals are required, and build works into his schedule subject to budget availability. All works being delivered will be within the scope of State Government permits.

R. Powell said team can follow up on these operation issues if needed but the focus should be on the SEMP. Too much time is being spent on other matters at the expense of the SEMP.

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- **Presentation by BMT (J. Cullen)**

J. Cullen is looking after modelling and J. Visser is covering legislative matters. Malcolm worked previously on SEMP in 2014 and this phase is extending on that. Some options have legislative constraints such as the Norfolk Beach study, and there's more to be done on this study. They welcome any additional information. M. Holland said the Bathymetric survey was limited by equipment and Council budget.

R. Powell said it is a balance between what customers want, technical constraints identified, and budget limitations. However, RCC won't compromise on delivering a good plan and will seek more money if necessary.

N. Cornwall requested the link be sent with the presentation.

K. Childs will make a submission based on CHAS as it is important to maximise RCC investment on things worth saving in the long term and short term.

MH noted that SEMP is about current erosion in the short to medium term and CHAS is long term and about erosion, sea level rise and inundation, both running parallel. M. Holland said SEMP is looking forward 15-20 years.

V. Roberts-Thomson suggested state and federal funding is accessible as well and shouldn't limit options.

Question as to whether the SEMP will be costed. J. Cullen advised indicative costing only. BMT are not privy to RCC budgets or funding options. R. Powell welcomed ideas on additional funding options. J. Fullerton said it is difficult to get funding without a plan, so the final SEMP will be important.

M. Andrews (BMT) suggested we first understand processes; then solutions. M. Pillsworth suggested it's important to stick to reasonable timeframes or the inputs cease to be current.

- **Open House** – to be held on Saturday 13 October at the Coochiemudlo Island Recreation Club. Avoids the church booking at the Church and Café is too noisy and busy.

J. Fullerton advised Open House would have experts and display material explaining the SEMP and other important info to the Coochie community. Meeting advised best

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options for promotion are posters on jetty and notice boards, Redland City Bulletin. M. Gourlay request owners living off-island be notified of the Open House directly.

- **Next CRG Meeting** – 17 October 2018

Meeting closed 3:15pm

Actions from today's meeting	Responsible
Circulate final version of Meeting Record for meetings 3 & 4 to CRG	Julie
Email regarding information from previous meetings not yet circulated	Kevin C.
Review budget and identify possible broadening of bathymetric survey area	Michael
Follow up with Wayne Matthews on operational matters raised	Michael
CRG to provide additional information/data for Coastal Process Study to Michael for BMT	CRG Members
Discuss potential state and federal funding options for SEMP Implementation with Christine Cartwright (RCC Funding Manager)	Michael
Clarify timeframe concerns with Dr Pillsworth	Michael
Send BMT presentation (including link) to CRG members	Julie
Contact Denise Foley re: Rec Club availability	Julie
Investigate promoting open house directly to Coochie ratepayers	Julie

Subsequent information from BMT re: survey data

The red area and grey lines represent the Port of Brisbane Hydrographic Survey, as per the attached PDF.

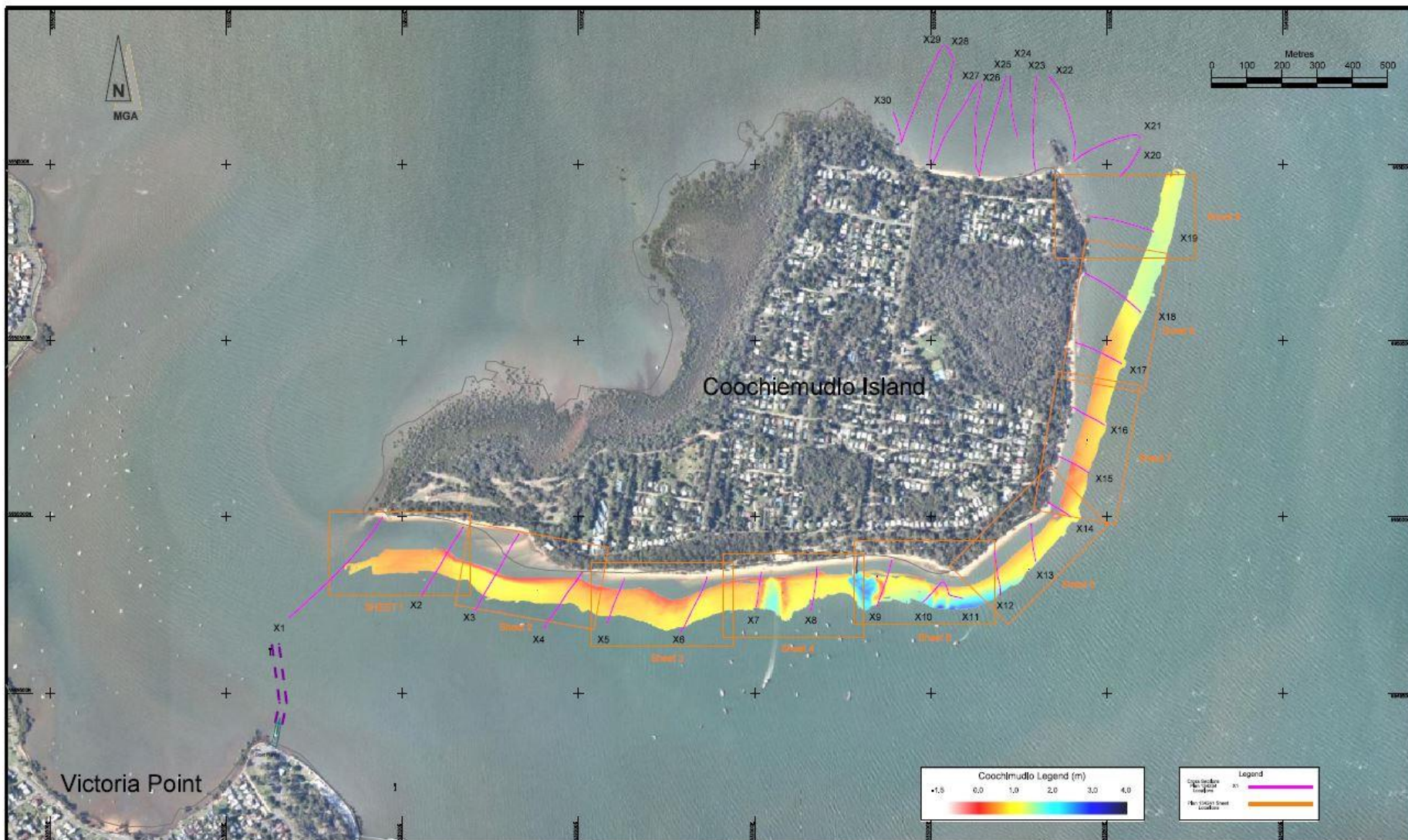
The area within the yellow lines (covering the beach, edge of the vegetation and just offshore) represents the approximate area of the 2018 aerial (UAV) survey data I received from Jason Masters.

Combined they indicate the survey coverage (and absence of coverage) around Control Point 5. I don't know what level of coverage the CRG expected so I can't comment on whether or not this was achieved.

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Surveyor: Neil Woolley Field Book: H1782123.27 Vessel: Curlew 2 Data Type: MINIMUM DEPTHS Data File: 1948801		DESIGN DIMENSIONS Length: N/A Depth: N/A Width: N/A Ins. Depth: N/A		CLIENT: Redland Bay City Council PURPOSE OF SURVEY: Hydrographic	
VERTICAL MEASUREMENTS Equipment: North NMEA, CodaOcto Calibration: 27/04/17, 11/05/2017 Tide Gauge: Local		HORIZONTAL POSITIONING Equipment: Applanix Wavemaster Mode: RTK Base Station: Smartnet (Imax)		Surveying Surveyor (AS-BCP LEVEL 1) Neil Woolley Surveyed and Signed Garon Milcock Cilles Silveira	
SPECIFIED SYSTEM ACCURACY Vertical Tolerance (95%): ±0.2m Horizontal Tolerance (95%): ±0.5m		TYPICAL COVERAGE: 20% Survey Class: C		Coochiemudlo Island Foreshore Overview HYDROGRAPHIC SURVEY 27/04/2017 - 11/05/2017 LEVEL DATUM: L.A.T. AZIMUTH DATUM: GDA84 SCALE 1:10000 (A3 sheet) DATE: PORT OF BRISBANE PTY LTD 3 PORT CENTRAL AVENUE PORT OF BRISBANE QUEENSLAND 4178 Phone: 07 32584885	
Disclaimer This hydrographic survey is current at the date of publication shown and may not be accurate after this date. The period of its accuracy will depend upon weather conditions and natural rates of erosion or accretion in the survey area, as well as other causes. Port of Brisbane Pty Ltd will be no circumstances be liable to any person that uses or relies upon the hydrographic survey except to the customer (as defined) when being used for the Purpose as defined. Port of Brisbane Pty Ltd expressly disclaims liability (including for negligence) to any other person for injury, loss or damage arising directly or indirectly out of any use of or reliance on this hydrographic survey.		Here for the future PORT OF BRISBANE PTY LTD 2017		Dwg. No. 134242 Proj. File: Coochie.mrf	