



DARWIN HARBOUR ADVISORY COMMITTEE MINUTES - MEETING 3

Date: Thursday 26 October 2017 Location: Charles Darwin Centre, Level 14

Time: 9:00am - 1:00pm Conference Room, 19 The Mall, Darwin

Chair: Professor Karen Gibb (KG), Secretariat: Carmony Leso (CL), Executive Officer –

Charles Darwin University Committees (DENR)

Attendees: Alan Roe (AR) Territory Natural Resource Management

Annie Andrews (AA) Power and Water Corporation

Dr Claire Streten (CS)

Australian Institute for Marine Science

Daniel Thompson (DT) - Phone ConocoPhillips

David Ciaravolo (DC) Amateur Fishermen's Association NT

Dr Graeme Suckling (GS) Urban Development Institute of Australia NT

Maria Kraatz (MK) Private Consultant

Mark Robertson (MR) INPEX

Nick Hanigan (NH) Paspaley Pearls

Shar Molloy (SM) Environment Centre NT

Shenagh Gamble (SG) City of Darwin
Sue McKinnon (SMc) Landcare NT
Terry O'Connor (TO) Darwin Port

Trish Rigby (TR) Northern Land Council

Apologies: Jim Smith (JS) Sea Darwin

Nigel Browne (NB) Larrakia Development Corporation

Department

Liaison:

Kristen McAllister (KM)

DENR, Water Resources Division

Guests: Paul Purdon (PP) DENR, Environment Division

Agenda No.	Agenda Item	Action Required (e.g. information / discussion / decision)		
	Meeting open	The Darwin Harbour Advisory Committee meeting commenced at 9:00am.		
1.	Welcome, Attendance and Apologies	Chairperson, KG, opened the meeting and welcomed the members to the third meeting. Apologies from JS and NB.		
2.	Minutes of previous meeting	The minutes of previous meeting on 17 August 2017 were circulated to committee members prior to the meeting for comments / edits.		
		The minutes were accepted by the Committee with no amendments.		
3.	Declaration of any conflicts of interest	MR declared that he did the INPEX dredging application that will be discussed later on in the meeting.		





4.	Action from previous meeting (meeting 2 - 17 August 2017)						
	No.	Action		Action Officer	Timeframe	Status / Update	
	4.1	Start ranking the present order of preference – new		All members		Ongoing	
	4.2	Look into an intranet sit Committee to use for wo documents.		Secretariat and KM		In progress CL will seek approval for a trial run of the Huddle Workspace	
	4.3	Review the 2010 DHAC to assist with determini and objectives for the Co	ng goals	All members – facilitated by KG and KM	Prior to next meeting	In progress	
	4.4	Invite Ian Poinar, Co-Chair of Northern Territory Marine a Coastal Science End-u Knowledge Needs Analy (NTMCS UNA), to present at next DHAC meeting on what identified in the study.		Chair – facilitated by Secretariat	2018	Pending Push back to mid- 2018	
	4.5	Invite Jane Thomas, Science Communicator and formerly with the Integration and Application Network (report card Chesapeake Bay), to present a the next DHAC meeting about her experience with the Integration and Application Network (IAN).		Chair – facilitated by Secretariat	Prior to the next meeting	Pending Invite to February meeting (once meeting date has been determined)	
5.	Matt	Matters Arising		5.1 Presenters List			
			The presenters list was circulated to Committee members for ranking in preference of who they would like to present and when.				
			Committee comments: AR recommended having a representative from the City of Darwin present to the Committee regarding the foreshore infrastructure development and climate change adaptation. SG recommended having Nick Klein (Project Manager) present on behalf of City of Darwin.				
			AR also recommended having a presentation from the NTEPA about the NTEPA and environmental assessments. KG suggested raising this with PP when he presents to the Committee. KM noted that Lisa Bradley is the Director of Environmental Assessment and Karen Avery is in charge of Environment Policy and Support, DENR if the Committee would like presentations from either of them.				
			SM recommended a presentation from Sea Farms in relation to their possible development Sea Dragon in the Gunn Point area.				





SMc recommended having a presentation from the Crown Land Office, DPIL in relation to land tenure and their responsibility around their ownership of the land around the harbour.

TO advised that he would be willing to present to the Committee about applications and proposed developments from the Darwin Port Corporation.

MR questioned whether or not it would be useful to have a presentation on the NT Approvals Process so that the Committee can gain a better understanding of how developments are assessed in order to be able to provide comment and input on projects. MK noted that there is a Major Projects group that could present to the Committee.

SG noted that it would also be helpful to understand the reporting of incidents and events (e.g. PFAS) and how they are dealt with by each individual agency.

KG suggested having an out of session meeting / workshop featuring a presentation on the approvals process, followed by a select case study presentation from Darwin Port, Paspaley and INPEX. KG suggested the workshop be held early next year and run for a half to a full day. KM recommended having a full day Workshop with half the day dedicated to presentations and the other half of the day dedicated to workshopping / discussion by the Committee.

The Committee agreed to hold a Workshop in March. The Committee agreed to invite the following individuals to present:

- Environment Division (DENR)
 - Karen Avery (ED Environment Policy and Support) to discuss Environmental Reform
 - Lisa Bradley (Director, Environmental Assessment) to present on Environmental Assessments
- Anne Tan (General Manager) Major Projects (DTBI) to discuss strategic infrastructure and projects
- Leah Clifford (General Manager) Lands and Planning (DIPL)
 to discuss the Planning Act Reform
- Case studies from selected industry representatives
 - Terry O'Connor (CEO) Darwin Port Corporation
 - Nick Hannigan (Development Manager) Paspaley
 - Mark Robertson (Government Approvals Manager) INPEX

SM suggested drafting an email to Karen Avery to provide an update on the environmental reform agenda. KG proposed that KM liaise with Karen Avery to discuss the information that would be relevant for the proposed Workshop.

SM requested that the planning and strategy presentations at the workshop include intentions around Glyde Point. SM reported that there has been a consultation around a road through to Gunn Point with a second consultation for a road through Glyde Point. TO noted that he will get back to the Committee about who is driving the Glyde Point development.



Actions:

- CL to invite the Minister to attend the February Meeting
- KG, KM and CL to commence planning the workshop for March:
 - KM to meet with Karen Avery
 - CL to draft a letters to:
 - Karen Avery
 - Lisa Bradley
 - Anne Tan
 - Leah Clifford
 - Terry O'Connor
 - Nick Hanigan
 - Mark Robertson
 - o CL to invite the Minister to attend the Workshop
 - Develop an agenda for the Workshop
- TO to report back to the Committee regarding the Glyde Point Development.

5.2 Website

CL showed the Committee the current <u>landing page</u> on the DENR webpage that hosts information about DHAC that the Committee can expand on. It was recommended that the Committee put forward suggestions on what they would like to add to the page.

Committee comments: KG recommended forming a working group to work on content ideas for the DHAC page. SG, KM, CL and KG nominated to be on the group.

Action: CL to update the Committee members and expand on the acronyms NLC and AFANT.

5.3 Collaboration Site

DENR has recommended the use of the Huddle Workspace as a platform for collaboration for DHAC. CL gave a brief overview of Huddle and how to use it for the Committees consideration.

Committee comments: The Committee determined that they would like to trial the Huddle workspace before committing to it.

Action: CL to set up Huddle for the Committee to use on a trial basis.

5.4 Goals and Objectives informed by the 2010 DHAC Strategy

KG condensed the current strategy to a 12 page document focussing on the Goals of the DHAC Strategy. KG recommended using it as a reference to ensure the Committee remains aligned with the original principles of the strategy.

Committee comments: With regard to Goal 3 – To ensure that development is implemented in an ecologically sustainable manner; reference is made to the EPA NT document Ecologically





Sustainable Development in the Northern Territory.SG recommended circulating the Committee for everyone to read.

SM questioned whether or not the Committee will be reviewing and updating the 2010 DHAC Strategy. DC recommended that the Committee makes a plan to review the strategy over the three year term of their appointment, after building on knowledge gaps. The Committee should flag this intention with the Minister advising her that funding might be needed to undertake a proposed strategy revision.

Action: Circulate and table the Ecologically Sustainable Development in the Northern Territory (EPA NT, 2010) document to the Committee.

5.5 Work Program

Dredging

The Committee discussed the INPEX Maintenance Dredging and Spoil Disposal Management Plan - NTEPA Decision (date?) prior to PP's discussion.

Committee comments: KG recommended discussing the following paragraph with PP:

o "The NTEPA considers the monitoring program cannot rely solely on short-terms turbidity monitoring, and that long term biological program to improve our understanding of cumulative impacts is required. In the NTEPA's view, the important matter of cumulative environmental impacts in Darwin Harbour, and the associated need for long term environmental monitoring programs, is not the sole responsibility of INPEX, but a shared responsibility of relevant government agencies and companies wishing to undertake activities in the harbour (and its catchment) that may have cumulative environmental impacts and risks."

SM questioned in terms of the monitoring that is already happening, how the Committee could be advised of the monitoring results. KG noted that it should be included in the Darwin Harbour report cards as this would result in the development of a report card that reports on more than just water quality.

CS noted a recommendation from DHAC could be that there is a coordinated effort taken on by NTG to ensure the integration of monitoring programs.

Report Cards

- DHAC research and info gathering

A Workshop was held on 14 September at CDU by Professor Bill Dennison from the University of Maryland, USA. Professor Dennison's <u>Blog post</u> was circulated to the Committee prior to the meeting and tabled at the meeting for discussion.



Committee comments: KG noted that there was a good attendance at the Workshop with representatives from CDU, the DENR and the DHAC. A key outcome of the Workshop was that participants supported the idea that report cards should reflect an integrated suite of issues, other than a sole focus on water quality. A key objective for the DHAC in 2018 and beyond could be working towards an improved integrated environmental report card for Darwin Harbour; however it was recognised to undertake this project there would be resourcing and budget implications.

KG presented various integrated environment report card websites to the Committee to showcase a sample of different approaches they could pursue for the future Darwin harbour report cards.

- https://ecoreportcard.org/report-cards/chesapeakebay/
- 2. https://ecoreportcard.org/report-cards/chesapeake-bay/health/
- 3. http://rc.ghhp.org.au/report-cards
- 4. http://rc.ghhp.org.au/publications
- 5. https://qorf.org.au/healthy-waterways-catchments-report-card-2016/
- 6. http://riverhealth.org.au/report_card/ehi/2015/overview/

Committee comments: KG proposed that the Committee works with the DENR to determine a vision for integrated environmental report cards for Darwin Harbour, including an interactive website. KG proposed that the DHAC obtain a number of quotes for developing an integrated environmental report card system to present to the Minister for her consideration.

CS recommend that DHAC makes a list of recommendations on how the current water quality report cards could be significantly improved and enhanced (i.e. incorporating a range of integrated issues, including social factors) for further discussion with the DENR before obtaining a request for quote/s to cost out the proposal.

Action: CL to draft a request for quote/s for the development of a new integrated environmental report card and interactive website for Darwin Harbour.

6. Correspondence (selected)

6.1 Incoming

- 6.1.1 Blog Post Professor Bill Dennison
- 6.1.2 Workshop Report Professor Karen Gibb
- 6.1.3 Practitioners Guide to Developing River Basin Report Cards Jane Thomas
- 6.1.4 Email from Dr Claire Streten 27/9/17
- 6.1.5 Email from Dr Claire Streten 28/9/17 (with attachments below)
 - 2016 Report Card
 - 2016 Technical Report



		6.2 Outgoing
		6.2.1 Communique - Meeting #2 6.2.2 Letter to Jane Thomas - Science Communicator, Northern Australia Environmental Resources Hub 6.2.3 Letter to Paul Purdon, Executive Director, Environment Protection, DENR
		Incoming correspondence at Items 6.1.1 - 6.1.5 were circulated to the Committee and tabled at the meeting for discussion.
		6.4.1 Email from Dr Claire Streten regarding Murray Logan attending a future DHAC meeting to present to the Committee on his new report card system.
		Committee comments: KG proposed having both Jane Thomas (role, organisation) and Murray Logan (Biostatistician – Australian Institute of Marine Science) to attend the next meeting to discuss report cards and invite Ian Poinar (Co-Chair of the Northern Territory Marine and Coastal Science End-user Knowledge Needs Analysis (NTMCS UNA)) to attend the meeting after that. The Committee agreed to KG's proposal.
		Action: Invite Murray Logan (Biostatistician – Australian Institute of Marine Science) to attend the February DHAC meeting to present on 8 February 2018.
7.	 Communication Plan Regular bulletins or newsletters i.e. attachment 5 with a DHAC banner. Add to website or other? 	No discussion held.
8.	Presentation from Paul Purdon INPEX Maintenance Dredging and Spoil Disposal Management Plan – NTEPA Decision	Paul Purdon (Executive Director, Environment Division - DENR) provided the Committee with an update on the INPEX Maintenance Dredging and Spoil Disposal Management Plan - NTEPA Decision on 26 July 2017. PP outlined the role of the Environment Division from DENR - the Division provides administrative support to the NTEPA, however they have a broader role than contributing to the NTEPA's regulatory functions. The NTEPA is responsible for both the Environmental Assessment Act and the Waste Management and Pollution Control Act. The NTEPA does not directly regulate large cross-section of activities which impact
		upon Darwin Harbour, however they do provide advice into the Planning/Development Assessment Approvals Process (i.e. dredging). The other aspect of their business is the administration of Waste Water Discharge Licences, The Statement of Reasons on the INPEX Maintenance Dredging and Spoil Disposal Management Plan - NTEPA
		Decision was the vehicle to sending a message to a range of stakeholders as there is likely to be a range of dredging



activity on the harbour (particularly maintenance dredging). A monitoring program could be established to assess the longer term cumulative impacts of dredging. The Committee agreed that cumulative impacts of dredging needs to be included in any holistic dredging strategy for DH. There is a need for ongoing baseline to allow the NTEPA to make informed decisions and for regulators to have the confidence to state that the proposed dredging works can be completed without significant impact".

The DENR is ascertaining key priorities for monitoring in Darwin harbour that would be indicators for impacts and assist those players undertaking dredging with the information they need to continue to put through applications.

The DENR is interested in understanding more about the relationship between turbidity and light attenuation in Darwin Harbour and to better inform knowledge with regard to potential impacts on sea grass and corals in the Harbour.

Committee comments: SM questioned whether there is a need to plan for dredging activity (i.e. at a specific time of year and all at once). PP noted that there is no strategic planning or assessment of dredging activities in Darwin Harbour - there is limited capacity to undertake this. However, this is a very good conversation to have and the approach has merit and should be considered into the future. Strategic assessment of dredging activities is not a new concept and has been considered in other jurisdictions. QLD has a dredging strategy which PP will provide for distribution to the Committee

NH asked PP to name the top three issues in terms of risk to the environment and what the top three issues are that DHAC should focus on in terms of regulatory change. PP advised that he would have to take that question on notice From an NTEPA point of view the Harbour isn't a high priority at the moment Key strategic priorities for the NTEPA currently include but are not limited to the PFAS contamination (although this does have some implications for the Harbour), rehabilitation of mine sites and illegal dumping of waste.

Action: CL to obtain QLD Dredging Strategy from PP to circulate to the Committee.

9. Other Business

GS noted the Central Darwin Area Plan Discussion Paper is out for public consultation which notes significant changes around the Harbour.

Dr Graeme Suckling tendered his resignation to the Committee as he is retiring as CEO of UDIANT.

Actions:

• CL to circulate the Central Darwin Area Plan Discussion Paper to the Committee for feedback.





		CI to obtain letter of resignation from GS.
10.	Communique to the Minister	CL and KG will work on Communique #2 out of session.
		Action: CL and KG to develop a Communique to send to the Minister.
11.	Next Meeting	The next meeting will be held on 8 February 2018.
	Meeting closed	Meeting closed at 12:55pm