



## Lake Cathie/Lake Innes Estuarine System Stakeholder

### MINUTES

**Meeting Date:** 14 May 2021

**Meeting Time:** 11:30am – 1:00pm **Close** 12:30pm

**Venue:** Lake Cathie Tennis Club, Kalang Drive Lake Cathie.

**Attendees:**

**Lake Stakeholders:** Kate Aston (Revive), Danielle Maltman (Revive), Dr Deb Geronimi, (Revive), Peter Fitzroy (Revive), Greg Suendermann (Revive), Vern Warner (LCPA), Angus Fanning (Ozfish)

**Southern Cross University:** Professors Damien Maher & Scott Johnson

**Charles Sturt University:** Dr Alexandra Knight

**NSW State Govt Reps:** Shane Robinson (NPWS), John Schmidt (DPIE), Angus Ferguson (DPIE)

**Port Macquarie-Hastings Councillors:** Councillor Sharon Griffiths.

**Apologies:**

Pat Conaghan MP - Member for Cowper

The Hon. Leslie Williams MP - Member for Port Macquarie

The Hon. David Gillespie MP - Member for Lyne

The Hon. Melinda Pavey MP - Minister for Water, Property and Housing

NSW State Govt Reps: Jonathan Yantsch (DPI- Fisheries), Thor Asso (Soil Conservation Service), Russell Madeley (DPIE)

Lake Stakeholders: Bob Small, Karen Puschmann, Sanjana Nath (Revive), Marisha Woods, Stuart Bate (CHCC)

NSW State Govt Reps: Geoffrey James (NPWS)

Port Macquarie-Hastings Council CEO Dr Clare Allen, Port Macquarie-Hastings Council

Port Macquarie-Hastings Councillors: Mayor Peta Pinson, Councillor Lisa Intemann, Councillors Geoff Hawkins,

NSW Waterwatch: Ingrid Garland

Port Macquarie-Hastings Council: Melissa Watkins, Debbie Archer, Ben Foster, Blayne West, Jack Grant

**Invited:**

Lake Stakeholders: Adam Williams & Terry McDermott (Lake Cathie Fishing Club), Tina Clemens & Silas Sutherland (DPIE-Crown Lands)

Port Macquarie-Hastings Councillors: Rob Turner & Peter Alley.

Agenda Item		Discussion Item	Status
1. Introduction	DM	Welcome	
2. RLC Update	KA	<ul style="list-style-type: none"><li>• Sensor delivery is a successful collaboration between Revive Lake Cathie, SCU, NPWS &amp; DPIE for water quality improvement purposes, keys will be held by SCU, NPWS, DPIE &amp; RLC. The app for accessing the data will be available via email to stakeholders the plan is for PMHC to add the link to the interactive map of Lake Cathie Lake Innes Estuarine System.</li><li>• Revive Lake Cathie is planning to undertake an education program to identify surfactants and sewerage impacts on the lake.</li><li>• Assessment of retention pondage performance and maintenance requirements and the understanding of Council resources to correctly</li></ul>	

		manage impacts on the Lake and water quality improvement required. 52% population increase in Lake Cathie/Bonny Hills (PMHC UGMS) projected prior to Covid – 19 pandemic problematic on an already struggling infrastructure system.	
3. Remote Smart Water Quality Sensor Monitor.	SCU	<p>SPEAKERS: SCU Professor's Damien Maher &amp; Scott Johnston</p> <ul style="list-style-type: none"> <li>• Workings of the buoy</li> <li>• Maintenance requirements – DPIE – John, NPWS – Shane &amp; RLC</li> <li>• Manual for buoy to be printed and stored in calibration box held at NPWS Port Macquarie.</li> <li>• SCU to send RLC the individual warranty, flowchart instruction for calibration, part numbers, extra conductivity solution etc</li> </ul>	
4. Open Discussion	ALL	<ul style="list-style-type: none"> <li>• Scoping study should be complete, no Council staff in attendance at this meeting problematic in provision of an update.</li> <li>• Coastal Management Program a 10-year program starting from..?</li> <li>• CSU undertaking iron cycling &amp; hydrology of the system.</li> <li>• Opening strategy critical to acid sulfate issues</li> <li>• Revetment wall history being repeated. In the past the community revolted against a planned land retreat. 13 options were considered in the past, 4 out of 13 seen to be successful options.</li> <li>• 2013 Hale report against decoupling of Lake Innes viewed as flawed. SCU updating report to include new impacts on the system such as acid sulfate soil leachage, not addressed in the Hale 2013 report. There are now huge issues with dire estuarine system wide implications.</li> </ul>	
4. Actionable Items	ALL	<ul style="list-style-type: none"> <li>• Revive Lake Cathie education campaign to identify surfactants and sewerage impacts on the lake system.</li> <li>• Revive Lake Cathie to undertake retention pondage performance and maintenance requirements identifying best practice retention pondage refer to Central Coast and Mid Coast Councils.</li> <li>• Revive Lake Cathie to assist CSU students in lake biota, wildlife ecology &amp; wildlife management.</li> <li>• All Stakeholders have been through drought, fire, a pandemic and flood, remain focused, continue momentum and focus on reviving our lake.</li> <li>• DPIE, NPWS &amp; PMHC to encourage colleagues within DPIE Fisheries and Crownlands to become involved in discussions on the issues of Lake Cathie Lake Innes Estuarine System.</li> <li>• Identified Lake Stakeholders working together for the future of our lake is an exemplary achievement for Community, Local &amp; State Government.</li> <li>• Revive Lake Cathie's NSW Waterwatch program qualified by Dr Deb Geronimi, Peter Fitzroy and Ingrid Garland (Envirocomm Connections &amp; NSW Waterwatch) since June 2020, is citizen science at its very best.</li> </ul>	



**THANK YOU FROM LAKE CATHIE/LAKE INNES ESTUARINE SYSTEM**