

Technical Advisory Consultative Committee Meeting – Port of Gladstone

Thursday 20 June 2024

Attendees: Department of Agriculture and Fisheries - Biosecurity (DAF)
 Department of Agriculture and Fisheries - Fisheries (DAF)
 Department of Climate Change, Energy, the Environment and Water (DCCEEW)
 Gladstone Conservation Council (GCC)
 Maritime Safety Queensland (MSQ)
 James Cook University (JCU)
 Department of Transport and Main Roads (TMR)
 Gladstone Healthy Harbour Partnership (GHHP)
 Queensland Ports Association (QPA)
 Maritime Safety Queensland (MSQ)
 Central Queensland University (CQU)

Apologies: Nil

Location: Teams Meeting

Item	Description	Action Required
Meeting Open	<p>Meeting opened at 09:00am by Chairperson</p> <ul style="list-style-type: none"> • Acknowledgement to country • Attendees and Apologies • Conflicts of Interest - nil • Agenda overview 	
Actions from Previous Meeting	No actions	
TOR Update	An overview was provided of the review of Terms of Reference (TOR). The TOR is available on www.gpcl.com.au/tacc	Nil
TACC Role	<p>Technical Advisory Consultative Committee (TACC) is a maintenance dredging consultative group, comprising recognised stakeholder organisations, not individuals.</p> <p>Increase in membership to include DAF Biosecurity, QPA, DNRME and DSDMP (Planning).</p> <p>Expression of interest in joining the TACC has been added to www.gpcl.com.au/tacc</p> <p>The TACC role and responsibilities can also be found at www.gpcl.com.au/tacc</p>	Nil
Long Term Maintenance Dredging Management Plan	<p>Long Term Maintenance Dredging Management Plan (LMDMP) aligns with the Maintenance Dredging Strategy and Long-Term Maintenance Dredging Management Plan Guidelines.</p> <p>TACC have been a key stakeholder in the review of the LMDMP. The LMDMP framework is a robust framework for managing maintenance dredging in Queensland and ensures application of best practice and</p>	Nil

	<p>continuous improvement principles. The LMDMP once implemented is reviewed at least every five (5) years and TACC will be involved in this process.</p>	
Regulatory Update	<p>LMDMP (5 years) and Sea Dumping Permit (10 year) granted and endorsed 21 December 2023</p>	
Operational Update	<p>Annual Maintenance Dredging 2023 Campaign was 8 August to 11 September 2023, where a total of 276,872m³ was relocated to the off-shore and In-channel Material Relocation Areas (MRA's) over 33 days.</p> <p>In-channel MRA trial activity comprised of 24,458m³ and is located adjacent to Tide Island. This part of the Sustainable Sediment Management (SSM) project.</p> <p>Dredging locations are targeted areas not over all of the channel.</p> <p>Next campaign is tentatively scheduled to occur November/December 2024 for 33 days and up to a maximum 250,000m³ to off shore MRA and up to 50,000m³ to in-channel MRA.</p>	Nil
Environmental Update	<p>Compliance Water Quality (WQ) Monitoring – annual campaign Monitoring commenced a month prior to the activity (10th July 2023) and ceased two weeks after the activity completed (25th September 2023).</p> <p>No turbidity or BPAR exceedances and no evaluations of metals which are tested pre, during and post dredging.</p> <p>During dredging the Turbidity Exponentially Weighted Moving Average (EWMA) exceeded over 80th percentile triggering an internal investigation. Findings of the investigation was fouling of the monitoring equipment and spring tides. The 3RD party evaluation post dredging also found influence by tides and winds.</p> <p>No impact was identified from the activity.</p> <p>Report available at www.gpcl.com.au/maintenance-dredging-gladstone</p>	
Environmental Update	<p>Seagrass Monitoring Annual seagrass monitoring survey 2023 found overall regions were in good condition (10 year baseline average).</p> <p>Pelican Banks is lagging in biomass. Unknown why this is the case, possibly reducing the herbivory pressure (dugongs and turtles) the meadow will bounce back. Rodd's Bay is doing well.</p> <p>Coral Survey 5 yearly trends are static except for one site at the northern end of Facing Island where site - FAC3 indicated a decline. This decline is localised and does not align with other sites.</p> <p>Question: GCC asked the specific location</p> <p>Response: Northeast Facing Island near the Oaks on the oceanside.</p> <p>Question: GCC asked if the residents been engaged as they may have insights.</p>	<p>Add FAC3 coral decline to Facing Island community engagement.</p>

	<p>Response: GPCL indicated that there is a community engagement with residents.</p> <p>Reports available at www.gpcl.com.au/maintenance-dredging-gladstone.</p>	
Other Business	<p>Sustainable Sediment Management (SSM) Project</p> <p>Options analysis conduction on different ways to undertake maintenance dredging complete.</p> <p>Two (2) options were identified and sought approvals. Monitoring options in trials to validate modelling. If success this will progress to business-as-usual undertaking to assist in sediment management.</p> <p>Marina has not started but when scheduled in will be approximately 75,000m³</p> <p>Tide Island trials – 75,000m³ using the ‘TSHD Brisbane’ is slow dispersal. First validation monitoring trial of approximately 25,000m³ showed no impact.</p> <p>Second trial to be conducted in 2024 and will determine next steps.</p> <p>Question: JCU asked is if the validation takes into consideration turbidity and plumes.</p> <p>Response: There is a specifically designed monitoring program to validate the modelling and includes the sea floor monitoring, turbidity and plume monitoring of the disposal activity.</p> <p>Question: GCC asked for clarification on if the material is retentive or dispersive at the in-Channel MRA.</p> <p>Response: Material that is placed at the In-Channel MRA is fine grain sediment which will fully disperse to the natural environment of the harbour.</p> <p>Question: GCC what is the proportion of material that will be relocated to the In-Channel MRA?</p> <p>Response: Approximately 10%.</p> <p>Reports available at Sustainable Sediment Management - Gladstone Ports Corporation (gpcl.com.au)</p>	
General Questions	<p>Nil</p> <p>GPC committed to circulating the meeting presentation with the draft meeting minutes.</p> <p>Meeting closed at 09:45am by Chairperson</p>	Nil

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