

Concept

Planning

Consultation

Construction

Operation

The Gold Coast Waterways Authority (GCWA) is investing \$35.3 million in projects over four years to sustain, enhance and promote our waterways. Our Waterways Management Program 2015-19 identifies more than 60 projects we are delivering.

### About the Project

Removing accumulated sediment from the Coomera River and adjacent waterways is essential to maintaining safe and appropriately deep navigational channels, improving water flow for flood mitigation and supporting local industry such as the Coomera Marine Precinct.

The Coomera Dredged Sediment Management Facility (CDSMF) is a long-term, cost-effective solution for managing this dredged sediment which is unsuitable for use in replenishing beaches or river banks.

This facility is the first of its kind on the Gold Coast, with similar facilities used throughout South-East Queensland, Australia and the world to handle dredged sediment.

### About the Facility

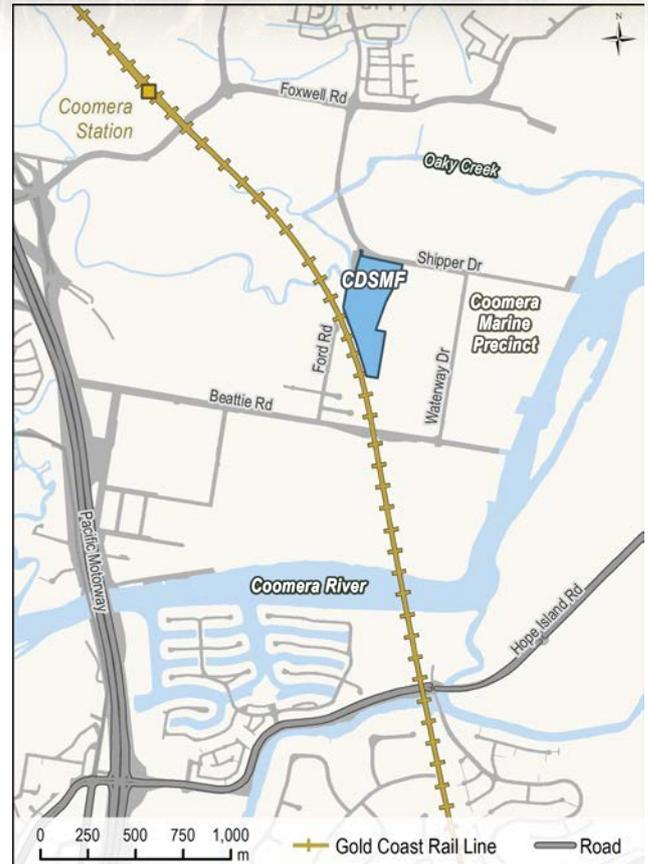
The proposed location of the facility is 91 Shipper Drive, Coomera.

The facility will contain a sedimentation pond and drying area that will be used to dewater sediment for transport offsite for beneficial reuse or disposal.

The facility will occupy approximately 9.5 ha involving:

- an earth-walled settling pond (approx. 6.4 ha),
- a clean water discharge pond (approx. 0.6 ha), and
- a drying area (approx. 2.0 ha).

Significant planning and investigations have identified this as the most appropriate site for the facility due to the size of facility required, proximity to the waterways requiring dredging, transport access and minimal impacts to nearby residential areas.



### How will the facility affect the local community?

All construction, operation and maintenance must be undertaken in accordance with the conditions specified in approvals from State Government and local authorities including the Department of Environment and Heritage Protection. Approvals are required for a range of issues including management of traffic, noise, odour, dust and stormwater.

### Consultation

GCWA have consulted external parties twice to ensure other stakeholders input is incorporated into designs. The first round of consultation with other State and Local Government authorities was undertaken in early 2016. The second made designs and documentation available to the general public in September 2016.

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The general public were invited to make comment on the use of the proposed site for 'community infrastructure' as described under the Sustainable Planning Act (Qld). To view details go to our website at [www.gcwa.qld.gov.au](http://www.gcwa.qld.gov.au)

Local residents, businesses and other stakeholders will be kept informed of progress throughout the project through email notifications. To be added to our stakeholder email list, please go to our website and [sign up for our GCWA newsletter](#).

### Construction

Construction is anticipated to take about four months and involve clearing existing vegetation, excavating and constructing earth pond walls and the drying area, fencing and landscaping. Some minor line marking alterations will also be undertaken at the intersection of Shipper Drive and Ford Road.

Detailed management plans will be implemented for noise, dust and traffic. Local residents and businesses will be notified in advance of potential disruptions.

### Operation and maintenance

Typically, operation and maintenance will be undertaken during normal business hours and only for short periods intermittently throughout the year, involving:

- pumping material from the dredge in the river to the settling pond via a temporary pipeline.  
**3–4 month period every 2–3 years**
- allowing suspended sediment to settle over time, draining off the clean water and waiting for the remaining material to begin to dry
- progressively transferring sediment from the pond to the drying area using excavators and trucks.  
**3–4 week period every 6 months**
- transporting dried sediment away from the site by truck for beneficial reuse or disposal.  
**2–3 week period every 6–12 months**
- General site maintenance such as mowing, fence repairs etc

The operating model (who would be responsible for operation and maintenance, how that would be managed and options for end product reuse) is being investigated and will be determined by responses from industry, and state and local government before construction of the facility

### **What are the project timeframes?**

Four project stages need to be completed before the facility is ready for use. These are:

- Stage 1 – Planning  
**Completed: late 2015**
- Stage 2 – Detailed Design  
**Completion: Sept 2016**
- Stage 3 – Construction  
**Anticipated completion: mid 2017**
- Stage 4 – Operation (first dredging campaign)  
**mid 2017 (as soon as construction is completed)**

### **Name of Project - Fast facts\***

<b>Location</b>	91 Shipper Drive Coomera
<b>Cost</b>	\$5,000,000
<b>Start</b>	August 2014
<b>Completion</b>	Mid 2017
<b>Status</b>	<ul style="list-style-type: none"><li>• Design complete</li><li>• Approvals progressing</li></ul>

### **About us**

The Gold Coast Waterways Authority (GCWA) is the Queensland Government Agency responsible for improving access to and managing the waterways as well as ensuring that the waterways continue to be a great asset available to residents, visitors and businesses on the Gold Coast

### **Our Vision**

A waterways network (and relevant facilities and reserves) that is sustainably managed to reflect and support an appropriate balance between the recreational, tourism, environmental, economic development and commercial aspirations and objectives of the Gold Coast community and visitors.

For further information, contact us:

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