

# Adaptation works in a coastal environment: development approval requirements and SARA's role in QCoast<sub>2100</sub> supported works

Department of State Development,  
Infrastructure, Local Government and  
Planning

Celeste Bownds – Senior Planning Officer



Toorbul Esplanade, Toorbul  
Photo courtesy of City of Moreton Bay



Courtesy of City of Moreton Bay



Queensland  
Government

# Outline

- » Overview of SARA and the development application process
- » Development applications for QCoast2100 works and likely referral triggers
- » Referral to SARA – mandatory application requirements, supporting information
- » The SARA technical agencies and SDAP
- » How to apply
- » Pre-lodgement advice
- » Common issues
- » Tips

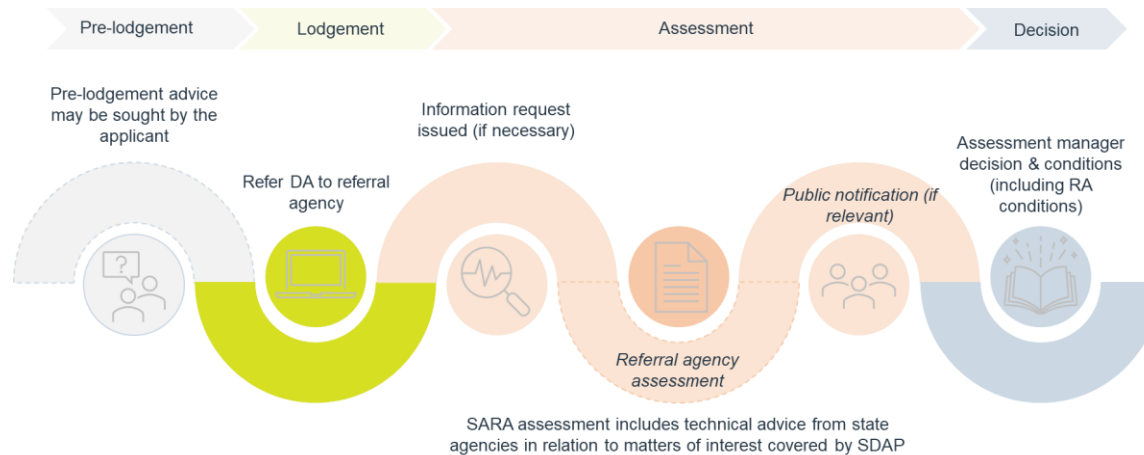
# The State Assessment and Referral Agency (SARA)

- » SARA is the 'shopfront' to all the state agencies in the development assessment process
- » State interests include coastal processes, marine plants, waterways, declared Fish Habitat Areas, state-controlled roads, railways, native vegetation, koala habitat etc
- » SARA works with the relevant technical agencies and assesses the application against the State Development Assessment Provisions (SDAP)



# The State Assessment and Referral Agency (SARA)

- » In most cases local government is the assessment manager and SARA is the referral agency
- » SARA is only involved where there is a matter of state interest
- » The application is referred to SARA after it has been lodged with the local government



# QCoast<sub>2100</sub> works – typical referral triggers

- » Expected referral trigger:
  - tidal works, or work in a coastal management district – assessment by DES and MSQ
- » Other likely triggers:
  - marine plants, waterway barrier works, declared Fish Habitat Area – assessment by DAF
  - wetland protection area – assessment by DES
- » Other possible triggers – see Schedule 10 of the Planning Regulation
  - determined by the site of the works and the nature of the works proposed

# QCoast<sub>2100</sub> works – typical referral triggers

- » Some state interests are mapped - refer to the SARA DAMS mapping
  - mapped state interests relevant to coastal works: coastal management district, waterways, declared Fish Habitat Areas, wetland protection areas
- » Some state interests are not mapped
  - marine plants
- » See Schedule 10 of the Planning Regulation for all state referral triggers
- » If a DA is likely and there are likely referral triggers, seek prelodgement advice

The image shows two screenshots. The top screenshot is a Google search result for 'SARA DAMS Mapping'. The search bar contains the text 'SARA DAMS Mapping'. Below the search bar, there are tabs for 'All', 'Images', 'News', 'Videos', 'Maps', and 'More'. The search results show 'About 24,700,000 results (0.47 seconds)'. The first result is a link to 'https://dams.dsdi.esriaustraliaonline.com.au > damappi...' with the title 'DAMS Mapping - Esri Australia'. The description states: 'DAMS incorporates mapping used for a number of different functions in development assessment, and is updated from time to time as required to reflect the latest ... You've visited this page many times. Last visit: 17/08/21'.

The bottom screenshot is the 'Queensland Government Development Assessment Mapping System' interface. The header includes the Queensland Government logo and the title 'Development Assessment Mapping System'. Below the header, there is a navigation bar with options: 'Matters of Interest', 'Locality Search', 'Search for Land Parcels', 'Recent Map', 'Identify', 'Print Screen', 'Bookmark', 'Draw', and 'Measure'. A search bar on the left contains the text 'SARA DA Mapping'. The main area is a map of Queensland showing various regions and cities, including Cairns, Townsville, Mackay, Alice Springs, Longreach, Rockhampton, Gladstone, Bundaberg, Torquay, and Maryborough. A scale bar at the bottom indicates 0, 100, and 200km. A 'PLEASE NOTE' box at the bottom left states: 'By using this mapping you agree to the full terms and conditions available on the Department's website.' The bottom right corner shows the date 'Nov 2015' and 'MapData Set MAR 2015/2016'.

# DAMS Mapping

https://dams.dsdip.esriaustraliaonline.com.au/damappingsystem/?accordions=SARA%20DA%20Mapping

Queensland Government Development Assessment Mapping System Contact | Help

Matters of Interest Locality Search Search for Land Parcels Reset Map Identify Print Screen Basemaps Draw Measure

QUEENSLAND HERITAGE  
UNEXPLODED ORDINANCE (LXD)  
COASTAL PROTECTION  
COASTAL PROTECTION  
All  
Coastal management district  
Coastal building line  
Coastal area - erosion prone area  
Coastal area - medium storm tide inundation area  
Coastal area - high storm tide inundation area  
FISH HABITAT AREAS  
FISH HABITAT AREAS  
All  
Fish habitat management area A  
Fish habitat management area B  
Queensland waterways for waterway barrier works  
1 - Low  
2 - Moderate  
3 - High  
4 - Major  
Water waterways  
WATER RESOURCES  
WATER RESOURCES  
All  
Water resource planning area boundaries  
Great artesian water resource plan area  
WETLAND PROTECTION AREAS  
NATIVE VEGETATION CLEARING  
NATIVE VEGETATION CLEARING  
KODALA HABITAT IN SEQ REGION  
MARITIME CASERTV ASIN REVISIONMENT

Find a Queensland address

Mapping Layers for Matters of Interest  
157164258  
SEQ REGIONAL PLAN TRIGGERS  
SEQ Regional Plan land use categories Show DA Layers  
COASTAL PROTECTION  
Coastal management district  
Coastal area - erosion prone area  
Coastal area - medium storm tide inundation area  
Coastal area - high storm tide inundation area  
FISH HABITAT AREAS  
Fish habitat management area B  
WATER RESOURCES  
Water resource planning area boundaries  
NATIVE VEGETATION CLEARING  
Regulated vegetation management map (Category A and B extract)  
STATE TO MCDART CONTRIBUTOR

PLEASE NOTE: By using this mapping you agree to the full terms and conditions available on the department's website.

Eri Community Maps Contributors, Moreton Bay Regional Council, Department of Resources, Dept. of...  
Department of State Development, Infrastructure, Local Government and Planning



# Referral to SARA

- » Mandatory requirements:
  - Confirmation notice
  - Form 1
  - Evidence of owner's consent
  - Payment of referral fees
- » Supporting information:
  - Plans and designs, consultant reports, any written documentation that is relevant to the project
  - Response to the relevant state codes of SDAP

Planning Regulation 2017  
Schedule 10

**Table 1—Assessable development under s 28**

Column 1	Column 2
5 Matters referral agency's assessment must have regard to	—
6 Matters referral agency's assessment may be against	—
7 Matters referral agency's assessment may have regard to	—
8 Fee for referral—	
(a) if—	6,859 fee units
(i) the operational work involves the disposal of dredge spoil or other solid waste material in tidal water; or	
(ii) the operational work is for the construction of an artificial waterway	
(b) if the operational work is for coastal management purposes that involve beach nourishment or stinger net enclosures	Nil
(c) if the operational work is directly related to the provision of lifesaving or rescue services by a volunteer community organisation	Nil
(d) if the operational work is tidal works for a single boat ramp, jetty, pontoon or similar structure	856 fee units
(e) otherwise	3,430 fee units

# SDAP – State codes

ment.qld.gov.au/planning-framework/state-assessment-and-referral-agency/state-development-assessment-provisions-sdap

Home > Planning framework > State Assessment and Referral Agency > State Development Assessment Provisions

Planning framework

- > Legislation
- > Plan-making
- > Infrastructure planning
- > Development assessment
- > State Assessment and Referral Agency
- > SARA application material
- > State Development Assessment Provisions
- > Dispute resolution
- > How is the planning framework performing?
- > Mapping
- > Online planning services

## State Development Assessment Provisions

The [State Assessment and Referral Agency \(SARA\)](#) assesses development applications against the [State Development Assessment Provisions \(SDAP\)](#).

SDAP defines the state's interest in development assessment and includes the assessment benchmarks or matters SARA will assess an application against.

The state uses SDAP to deliver a coordinated, whole-of-government approach to the state's assessment of development applications.

## Using versions of SDAP

SDAP is updated from time to time to reflect legislative and policy changes.

New versions of SDAP are typically published for information purposes two weeks before they commence. Applicants should address the current version of SDAP (i.e. the version that has commenced) at the time of submitting their application to the assessment manager.

SDAP: Current version

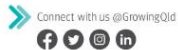
SDAP version	Date of publication	Date of commencement
<b>SDAP version 3.0</b> SDAP v3.0 involved a policy neutral review of all parts of SDAP to reflect contemporary drafting principles, improve clarity and address some known issues and provide clearer information on how to use SDAP and reference to code specific guidance. Key code changes are outlined in the "What has changed in SDAP" section below. Download a <a href="#">complete version of SDAP v3.0</a> (4.4 MB). Download individual codes: <a href="#">State code 1: Development in a state-controlled road environment</a> (329.5 KB) <ul style="list-style-type: none"><li><a href="#">State code 1 response template</a> (80.6 KB)</li><li><a href="#">Planning Guidance: State code 1 Development in a state-controlled environment</a></li></ul> <a href="#">State code 2: Development in a railway environment</a> (437.7 KB) <ul style="list-style-type: none"><li><a href="#">State code 2 response template</a> (68.3 KB)</li></ul> <a href="#">State code 3: Development in a buoyay environment</a> (224.3 KB)	4 February 2022	18 February 2022



# State Development Assessment Provisions

Version 3.0

Dated 29 December 2021  
Commenced 18 February 2022



## Contents

Policy context

Using the state codes

Interpretation

State codes

Locational

- State code 1: Development in a state-controlled road environment
- State code 2: Development in a railway environment
- State code 3: Development in a busway environment
- State code 4: Development in a light rail environment
- State code 5: Development in a state-controlled transport tunnel environment
- State code 6: Protection of state transport networks
- State code 7: Maritime safety
- State code 8: Coastal development and tidal works
- State code 9: Great Barrier Reef wetland protection areas
- State code 10: Taking or interfering with water
- State code 11: Removal, destruction or damage of marine plants
- State code 12: Development in a declared fish habitat area
- State code 13: Unexploded ordnance
- State code 14: Queensland heritage
- State code 25: Development in South East Queensland koala habitat areas

Use-based

- State code 15: Removal of quarry material from a watercourse or lake
- State code 16: Native vegetation clearing
- State code 17: Aquaculture
- State code 18: Constructing or raising waterway barrier works in fish habitats
- State code 19: Category 3 levees
- State code 20: Referable dams
- State code 21: Hazardous chemical facilities
- State code 22: Environmentally relevant activities
- State code 23: Wind farm development

Advice only

- State code 24: Urban design outcomes for significant projects

Appendices

- Appendix 1: Development requiring assessment under the Planning Regulation 2017
- Appendix 2: FastTrack5 qualifying criteria

State Development Assessment Provisions v3.0

## State code 8: Coastal development and tidal works

### Purpose statement

The purpose of this code is to ensure that development is designed and located to:

1. protect life, buildings and infrastructure from the impacts of coastal erosion;
2. maintain coastal processes;
3. conserve coastal resources;
4. maintain appropriate public use of, and access to and along, State coastal land;
5. account for the projected impacts of climate change;
6. avoid impacts or, where the matters of state environmental significance cannot be reasonably avoided, impacts are reasonably minimised and mitigated;
7. does not result in a significant residual impact on a matter of state environmental significance unless the significant residual impact is acceptable, and an offset is provided.

In addition to the above, the purpose of this code is to ensure that development involving operational works which is not assessed by local government is designed and located to protect life and property from the impacts of storm tide inundation.

#### Using this code

- The assessment benchmarks for this code comprise:
- a purpose statement which identifies the overall intent of the code;
  - performance outcomes which set benchmarks to achieve the purpose statement of the code;
  - acceptable outcomes which identify one way to achieve the relevant performance outcome.

Development complies with the code where:

- it complies with the acceptable outcomes for the performance outcome;
- it complies with all the performance outcomes, where not complying with the acceptable outcomes; or
- development does not meet relevant performance outcome(s) and SARA determines, on balance, that the development complies with the purpose statement.

This code also includes the glossary of terms for definitions relevant to this code and reference documents, including the guideline State Development Assessment Provisions State Code 8: Coastal development and tidal works, which provides direction on how to address this code.

#### Performance outcomes

**PO3 Development is sited, designed and constructed to limit the risk of impacts of coastal erosion to an acceptable level by:**

1. locating development outside the erosion prone area; or
2. mitigating or otherwise accommodating the risks posed by coastal erosion.

**PO4 Development in the erosion prone area does not significantly increase the risk or impacts to people and property from coastal erosion.**

**PO5 Development (other than coastal protection work) in the erosion prone area does not directly or indirectly increase the severity of coastal erosion either on or off the site.**

**PO6 In erosion prone areas where a coastal building line is present, building work is located landward of the coastal building line unless coastal protection work has been constructed to protect the development.**

#### Artificial waterways

**PO7 Development of artificial waterways, canals and dry-land marinas conserves coastal resources by:**

1. ensuring changes to water flows, water levels and sediment movement do not adversely impact the natural waterway to which it is connected;
2. demonstrating appropriate storage, treatment and disposal of dredged material for the life of the development.

#### Coastal protection work

**PO8 Works for beach nourishment minimises adverse impacts on coastal processes.**

**PO9 Works for beach nourishment do not increase the severity of erosion on adjacent land.**

**PO10 Erosion control structures (excluding revetments) are only constructed where there is an imminent threat to significant buildings or infrastructure, and there is no feasible option for either:**

1. beach nourishment; or
2. relocation or abandonment of structures.

**PO11 Erosion control structures (revetments only) are only constructed where:**

1. there is an imminent threat to significant buildings or infrastructure, and there is no feasible option for either:
  - a. beach nourishment; or
  - b. relocation or abandonment of structures; or

#### Coastal protection work

**PO8 Works for beach nourishment minimises adverse impacts on coastal processes.**

**PO9 Works for beach nourishment do not increase the severity of erosion on adjacent land.**

**PO10 Erosion control structures (excluding revetments) are only constructed where there is an imminent threat to significant buildings or infrastructure, and there is no feasible option for either:**

1. beach nourishment; or
2. relocation or abandonment of structures.

**PO11 Erosion control structures (revetments only) are only constructed where:**

1. there is an imminent threat to significant buildings or infrastructure, and there is no feasible option for either:
  - a. beach nourishment; or
  - b. relocation or abandonment of structures; or
2. the development:
  - a. is in a consistent alignment with adjacent lawful revetments; or
  - b. is consistent with an agreement with a local government that a revetment is appropriate in the proposed location.

**PO12 Erosion control structures minimise interference with coastal processes and reduce the severity of erosion on adjacent land.**

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Table 8.1

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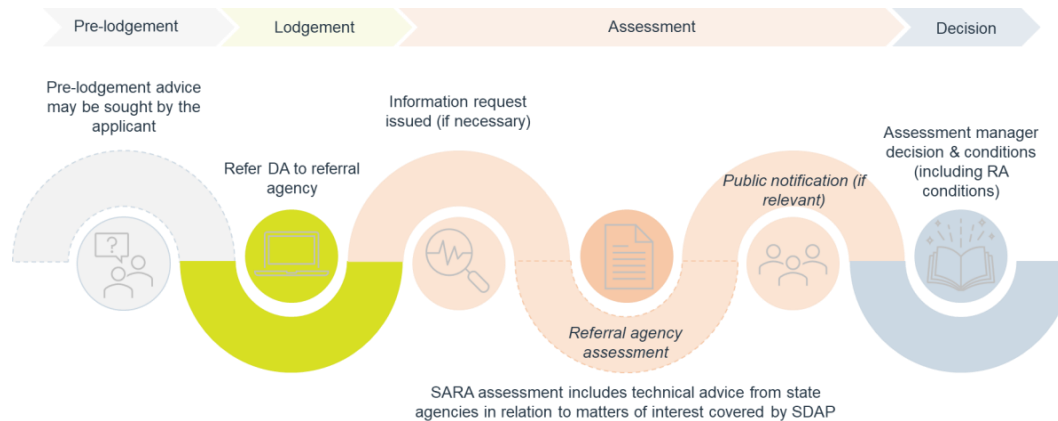
proposed

8-2



# SARA referral agency response

- » SARA as a referral agency must decide to tell the assessment manager that the state:
  - has no requirements, or
  - instructs the assessment manager to include conditions to attach to any development approval, or
  - instruct the assessment manager to refuse the development application.



# How to apply to SARA

## » MyDAS2

- prepare and lodge/refer to SARA
- integration with the SARA DAMS mapping
- select and make electronic payment of fees
- request pre-lodgement advice
- change applications

**Landing page**

The screenshot shows the MyDAS2 landing page. At the top, there is a navigation bar with 'HOME' and 'APPLICATIONS' (callout 3). The main header says 'Welcome to MyDAS2' and 'The online system for application preparation and assessment system'. Below this is a table with three columns: 'Development Assessment', 'Referral', and 'Post Approval'. Callout 1 points to the 'I want to...' section above the table. Callout 2 points to the 'My tasks' section below the table. Callout 4 points to a user profile icon in the top right corner.

Development Assessment	Referral	Post Approval
<b>Prepare development application</b> Ready to prepare a development application to give to an assessment manager (e.g. Council or SARA).	<b>Refer application</b> Ready to refer my application to SARA. NOT including 'other' change applications. <i>(Note: this does not include other change applications - see post approval actions)</i>	<b>Change (minor and other) change or extend an approval</b> Ready to make an application to change (minor or other) change or extend a development approval. <i>(Note: this does not include changes to current applications - see related actions under the application)</i>
<b>Pre-lodgement advice</b> I am seeking pre-lodgement advice from SARA.	<b>Pre-referral response</b> I want a referral or response from SARA.	

Task name	Assigned to	
<input type="text"/>	Rufus and Majo Majo	
Task	Date created	Assigned to
Finalise application materials 22124360 ODA	22/12/2022	Rufus and Majo Majo
Enter billing details 20087919 SDR	11/08/2020	Case Officer, DisasterReligion, 1 - Rufus and Majo Majo
Update profile	24/02/2020	Rufus and Majo Majo

# Pre-lodgement advice

- » Seek pre-lodgement advice – no fee
- » Meeting and/or written advice
- » The level and detail of advice will depend on the quality and details of information provided
- » Early SARA input = early identification of issues

# Common issues

- » Lack of information to demonstrate the issue and reason for works
- » No discussion of lesser impact design options and why these were not considered viable
- » Not identifying the entire scope of work
- » Inadequate detail on plans to assess the impact on state interests e.g. no lines of tide, not identifying areas of marine plants and other vegetation, location of works in relation to property boundaries or identifying features is not clear
- » Conflicting plans included in the supporting information
- » Limited or no information about works methods or the location and impacts of temporary works (e.g. construction or site access, bunding, equipment and materials set down)



# Tips

- » Check the DAMS mapping to identify mapped state interests
- » Consider all aspects of the works – permanent and temporary works, mitigation and restoration
- » Seek pre-lodgement advice to identify issues or concerns early
- » Include information about the need for the works, the options considered (design, works methods, etc), how impacts will be avoided, minimised and mitigated
- » Refer to the state code guidelines when responding to the SDAP
- » Include a statutory declaration if eligible for a fee concession

**38 Required fee for registered non-profit organisations and government-funded community development**

- (1) This section applies to a prescribed development application if 1 or both of the following apply—
- (a) the application is made by a registered non-profit organisation;
  - (b) the application is for a community-related use, activity or facility, and all of the following apply—
    - (i) the development is funded, wholly or partly, by the State or Commonwealth;
    - (ii) the application is accompanied by a statutory declaration by the applicant stating the amount of the funding;
    - (iii) the required fee that would, other than for this section, be payable to the assessment manager or a referral agency for the application, is more than 5% of the amount stated in the statutory declaration.
- (2) The required fee payable to the assessment manager or referral agency for the application, is 50% of the fee that would, other than for this section, be payable for the application.

# Toorbul seawall



Courtesy of City of Moreton Bay

# Toorbul seawall

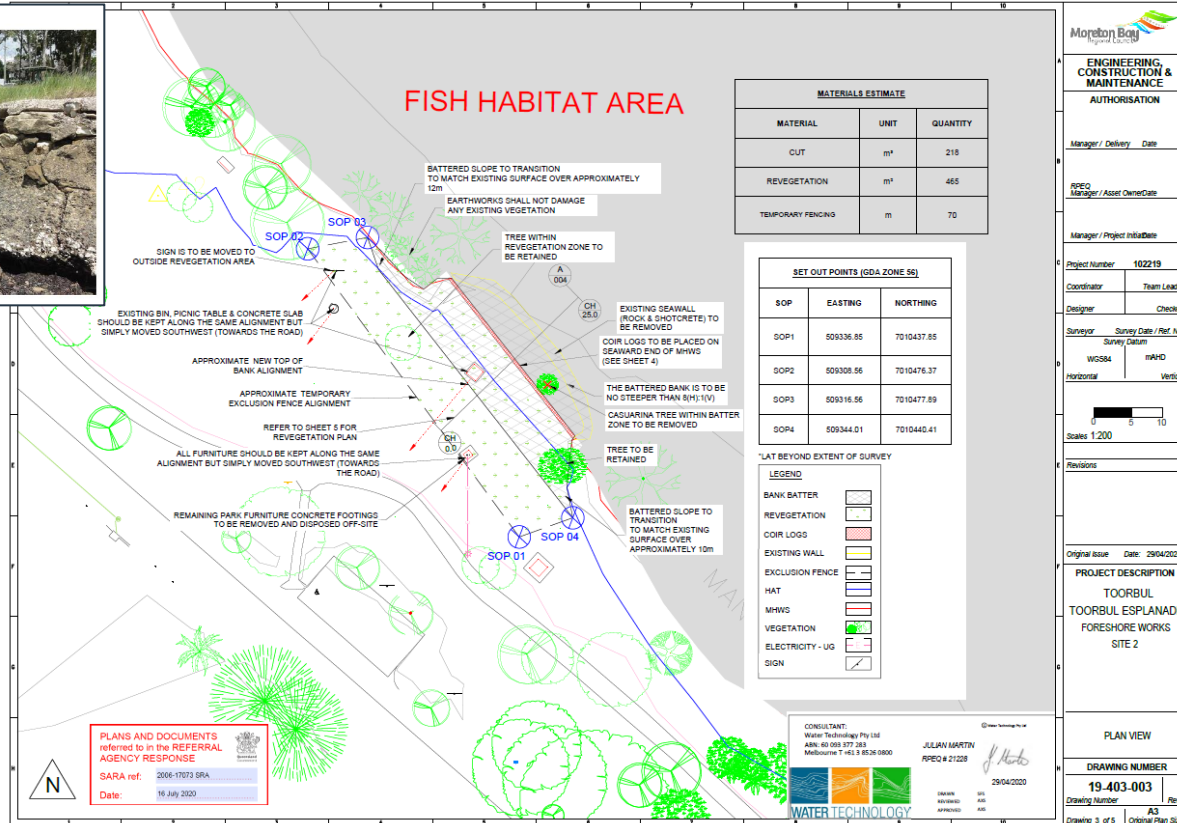
Photo 5: Site 3b, southern extent



Courtesy of City of Moreton Bay

# Toorbul seawall – Site 2

Photo 2: Site 2, facing south



**Moreton Bay Council**

**ENGINEERING, CONSTRUCTION & MAINTENANCE AUTHORITY**

Manager / Delivery Date

RPOC Manager / Asset Owner/Carer

Manager / Project Initia/Date

Project Number 102219

Coordinator Team Leader

Designer Checked

Surveyor Safety Data / Ref. No. Survey Datum

WSS&4 RPHD

Horizontal Vertical

Scale 1:200

Revisions

Original Issue Date: 29/04/2020

**PROJECT DESCRIPTION**  
TOORBUL  
TOORBUL ESPLANADE  
FORESHORE WORKS  
SITE 2

**PLAN VIEW**

**DRAWING NUMBER**  
19-403-003

Drawing Number Rev.

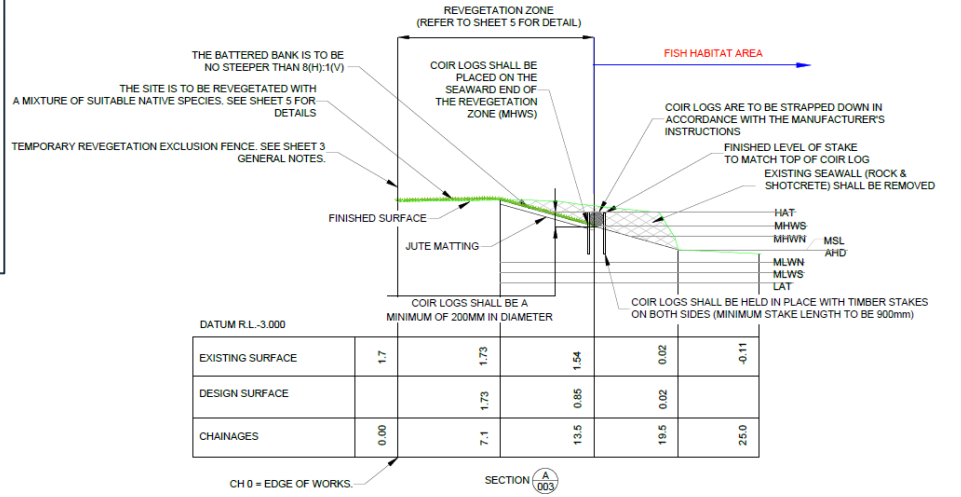
Drawing 3 of 5 A3 Original Plan Size

Courtesy of City of Moreton Bay



# Toorbul seawall – Site 2

Photo 2: Site 2, facing south



DATUM R.L.-3.000

EXISTING SURFACE	1.7	1.73	1.54	0.02	-0.11
DESIGN SURFACE		1.73	0.85	0.02	
CHAINAGES	0.00	7.1	13.5	19.5	25.0

CH 0 = EDGE OF WORKS. SECTION (A) (03)

TIDAL PLANE	m AHD	TIDAL PLANE	m AHD
HIGHEST ASTRONOMICAL TIDE (HAT)	1.36	AUSTRALIAN HEIGHT DATUM (AHD)	0.00
MEAN HIGH WATER SPRINGS (MHWS)	0.85	MEAN LOW WATER NEAPS (MLWN)	-0.42
MEAN HIGH WATER NEAPS (MHWN)	0.50	MEAN LOW WATER SPRINGS (MLWS)	-0.77
MEAN SEA LEVEL (MSL)	0.03	LOWEST ASTRONOMICAL TIDE (LAT)	-1.10

PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

SARA ref: 2006-17073 SRA

Date: 16 July 2020

CONSULTANT:  
Water Technology Pty Ltd  
ABN 40 009 977 288  
Melbourne T +61 3 9526 0800

JULIAN MARTIN  
PEPQ # 21228

29/04/2020

DESIGNED BY: [Signature]  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]  
APPROVED BY: [Signature]

WATER TECHNOLOGY

Moreton Bay Regional Council

ENGINEERING, CONSTRUCTION & MAINTENANCE

AUTHORISATION

Manager / Delivery Date

CEO Manager / Asset Owner Date

Manager / Project Initiator Date

Project Number 102219

Coordinator Team Leader

Designer Checked

Surveyor Survey Date / Ref. No.  
W0384 mAH

Horizontal Vertical

Scale 1:100

Revisions

Original Issue Date: 29/04/2020

PROJECT DESCRIPTION

TOORBUL  
TOORBUL ESPLANADE  
FORESHORE WORKS  
SITE 2

SECTION A

DRAWING NUMBER

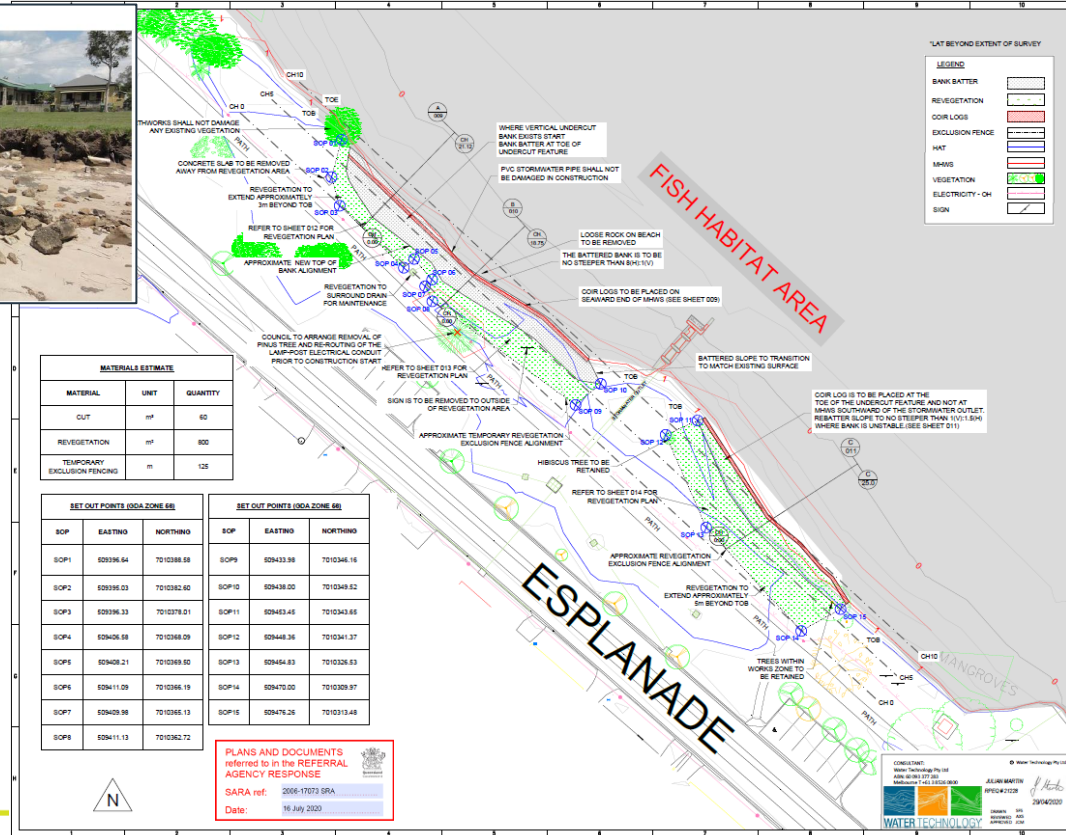
19-403-004

Drawing Number Rev.

Sheet 4 of 5 Original Plan Size

# Toorbul seawall – Site 3

Photo 5: Site 3b, southern extent



MATERIALS ESTIMATE		
MATERIAL	UNIT	QUANTITY
CUT	m <sup>3</sup>	60
REVEGETATION	m <sup>2</sup>	800
TEMPORARY EXCLUSION FENCING	m	125

SET OUT POINTS (OGA ZONE 6E)		
SOP	EASTING	NORTHING
SOP1	509396.64	7010388.58
SOP2	509396.03	7010382.60
SOP3	509396.33	7010378.01
SOP4	509406.58	7010368.09
SOP5	509409.21	7010369.50
SOP6	509411.09	7010366.19
SOP7	509409.98	7010365.13
SOP8	509411.13	7010362.72

SET OUT POINTS (OGA ZONE 6E)		
SOP	EASTING	NORTHING
SOP9	509433.98	7010346.16
SOP10	509438.00	7010349.52
SOP11	509463.45	7010343.65
SOP12	509449.36	7010341.37
SOP13	509464.63	7010326.53
SOP14	509470.00	7010320.87
SOP15	509476.26	7010313.48

PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

SARA ref: 2006-17073-SRA

Date: 16 July 2020

\*LAT BEYOND EXTENT OF SURVEY

LEGEND:	
BANK BATTER	[Symbol]
REVEGETATION	[Symbol]
COR LOGS	[Symbol]
EXCLUSION FENCE	[Symbol]
HAT	[Symbol]
SHWS	[Symbol]
VEGETATION	[Symbol]
ELECTRICITY - OH	[Symbol]
SIGN	[Symbol]

Moreton Bay  
**ENGINEERING,  
 CONSTRUCTION &  
 MAINTENANCE**  
 AUTHORISATION

Manager / Delivery Date

RDOC Manager / Asset Owner Date

Manager / Project Initiator Date

Project Number 102219

Coordinator Team Leader

Designer Checked

Surveyor Survey Date / Ref. No.

Survey Datum

WG84

Horizontal

Vertical

Scale: 1:250

Revisions

Original Issue Date: 29/04/2020

PROJECT DESCRIPTION  
 TOORBUL  
 TOORBUL ESPLANADE  
 FORESHORE WORKS  
 SITE 3

PLAN VIEW

DRAWING NUMBER

19-403-008

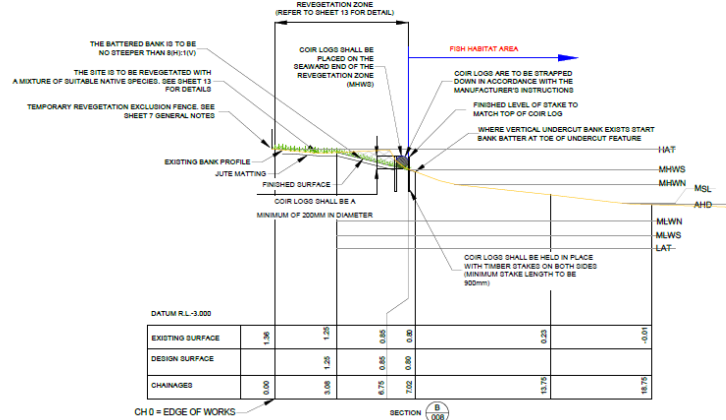
Rev.

Drawing Number A3

Drawing 2 of 9 Original Plan Size

# Toorbul seawall – Site 3

Photo 5: Site 3b, southern extent



TIDAL PLANE	m AHD	TIDAL PLANE	m AHD
HIGHEST ASTRONOMICAL TIDE (HAT)	1.36	AUSTRALIAN HEIGHT DATUM (AHD)	0.00
MEAN HIGH WATER SPRINGS (MHW)	0.85	MEAN LOW WATER NEAPS (MLWN)	-0.42
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MEAN SEA LEVEL (MSL)	0.03	LOWEST ASTRONOMICAL TIDE (LAT)	-1.10

PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

SARA ref: 2006-17073 SRA

Date: 16 July 2020

CONSULTANT:  
Water Technology Pty Ltd  
ABN: 60 009 977 269  
Melbourne T: +61 3 8528 0800

JULIAN MARTIN  
RPEO # 21229

29/04/2020

WATER TECHNOLOGY

Moreton Bay Regional Council

**ENGINEERING, CONSTRUCTION & MAINTENANCE AUTHORITY**

Manager / Delivery Date

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Coordinator Team Leader

Designer Checked

Surveyor Survey Date / Ref. No. Survey Datum

WGS84 mAFD

Horizontal Vertical

0 1 2 3 4 5

Scales 1:150

Revisions

Original Issue Date: 29/04/2020

PROJECT DESCRIPTION  
TOORBUL  
TOORBUL ESPLANADE  
FORESHORE WORKS  
SITE 3

SECTION B

DRAWING NUMBER  
**19.403-010**

Drawing Number AS

Drawing 5 of 9 Original Plan Size

## For more information:

- » SARA, development assessment, prelodgement services, MyDAS2:
  - Google State Assessment and Referral Agency
  - Visit <https://planning.statedevelopment.qld.gov.au>

## Contact:

- » [celeste.bownds@dasilgp.qld.gov.au](mailto:celeste.bownds@dasilgp.qld.gov.au)
- » SEQ North SARA office: [SEQNorthSARA@dasilgp.qld.gov.au](mailto:SEQNorthSARA@dasilgp.qld.gov.au)
- » For the SARA office in your region:
  - <https://planning.statedevelopment.qld.gov.au/contact-us>





THANK YOU



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