

1. Development details

Development name	Rockpool Pelican Waters
Street address/location	Spitfire Banks Drive, Pelican Waters
Operational works number	OPW22/0071

2. Certifier details

Name	Niall Davidson	RPEQ or CPESC number - Suitably Qualified Person having attended an advanced training course provided by Healthy Land and Water		
Company name	ACOR Consultants QLD Pty Ltd			
Postal address	Level 7, 22 Cordelia Street, South Brisbane			
Suburb	South Brisbane	State	QLD	Postcode 4101
Email	ndavidson@acor.com.au	Phone	07 3844 5900	

3. Checklist

Drawing number/s 21033-C-1.01 21033-C-1.02 ACOR reference BR210085			
Document details Erosion and Sediment Control layout plan, notes and details provided.			
Certification	Yes	No	N/A
Are the construction phase erosion and sediment control plans (ESC Plan) and associated design and calculations in accordance with the conditions of approval and Sunshine Coast SC6.14 Planning scheme policy for development works?	☒	☐	
Does the construction phase ESC Plan include one of the following approaches to achieve construction phase – stormwater management design objectives of <i>State Planning Policy 2017</i> (appendix 2, table A) as required by development approval? Tick the approach used: ☐ High efficiency sediment (HES) basin ☐ Oversized type D sediment basin ☐ Total capture ☐ Alternative innovation measure ☐ Erosion control: exposed areas less than 2500m ² at all times	☐	☒	
If conditioned, has a construction phase stormwater management program (CPSM) in accordance with SC6.14 been developed and submitted?	☒	☐	☐
If answer is no to any of the above, provide details of alternative measures employed to comply with Sunshine Coast planning scheme performance objective and <i>Environment Protection Act 1994</i> . Use a separate sheet if necessary. The development site by nature is divided into three existing and proposed catchments. Although the total site area is 6100m ² , the individual catchment to each discharge location does not exceed 2500m ² . It is also noted that the existing site has minimal grade across it and as such results in a low annual soil loss (RUSLE). Type 3 measures are implemented at each catchment and will be monitored during construction.			

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Maroochydore office 10 First Avenue Maroochydore Qld 4558

Nambour office Corner Currie and Bury Streets Nambour Qld 4560

6. Certification

I certify that the plans and associated documents were completed by myself, or under my direct supervision, and I am suitably qualified and experienced to provide such certification. The information submitted is, to the best of my knowledge and belief, true, accurate and complete.

I acknowledge and accept that the council, as the administering authority relies, in good faith, on this certification as part of its development approval process and that the provision of false or misleading information to the council constitutes an offence against the *Planning Act 2016*.

Certifier's signature



Date

23/06/22

Privacy

Council will use any personal information provided for the intended purpose only and for remaining in contact with you. Council is authorised to collect this information in accordance with the *Local Government Act 2009* and other Local Government Acts. Your personal information is only accessed by persons authorised to do so. Your personal information is dealt with in accordance with council's privacy policy.

Explanatory information

When is this erosion and sediment control design certificate required?

An erosion and sediment control design certificate is required if conditioned as part of development approval such as operational works approval. Typically, council will put this condition in an approval when the development area is greater than 5000m². Where risks are high (e.g. due to land slope, soil type) a design certificate may be required in other circumstances.

Please note that to demonstrate compliance with general environmental duty (GED) under the *Environmental Protection Act 1994*, a site-specific erosion and sediment control plan prepared by a suitably qualified person is required for all sites with footprint greater than 2500m². In these cases, the ESC plan does not have to be submitted to council but should be regularly reviewed, updated, and maintained on site at all times.

Who can sign an ESC design certificate (this form)?

This form must be duly completed and signed by a suitably qualified and experienced professional. Suitably qualified means a person such as CPESC (certified practitioner in erosion and sediment control) or person who has completed an advanced specialised training course in erosion and sediment control, provided under the auspices of a reputable body. Where the erosion and sediment controls involves an engineered structure (such as sediment basin spillways) this form must be either signed or counter-signed by a registered professional engineer of Queensland (RPEQ).

When must this document be submitted?

This form is to be completed and submitted to council at least two (2) business days prior to the prestart meeting. If no prestart is required, this document is to be submitted at least two (2) days before works commence on site.

What is contained within a construction phase erosion and sediment control plan (ESC plan)?

Construction phase ESC plans are more detailed than concept phase ESC plans. The construction phase erosion and sediment control plans are required to cover each phase of the development e.g. site clearing, bulk earthworks, civil construction, installation of services and final stabilisation, and include details, such as:

- provide a site of contour drawings showing north point, roads, site layout, boundaries, and features
- indicate the location of sediment basins and provide supporting design calculations
- identify clean and dirty water flow paths and provide calculated flow velocities, sizing, channel lining protection and velocity/energy checks for all drains, banks, chutes, and outlets to streams
- identify water quality monitoring locations
- provide details of chemical flocculation including dosing procedures, rates and chemicals used.

For information on all requirements, refer to Planning scheme policy for development works, clause 4(10).

What is required within a construction phase stormwater management program (CPSM)?

For sites with greater than 5000m² of disturbed area, council will typically condition the submission of a construction phase stormwater management program to support the ESC plans. The CPSM requirements are outlined within Planning scheme policy for development works, clause 4(11).

Over and above ESC plan the CPSM is to include:

- prescribe non-structural controls where applicable such as minimising the extent and duration of soil exposure through staging of works
- include a maintenance schedule for controls
- include an adaptive management program to identify and rectify non compliances in environmental performance
- include contingency management measures for the site
- include an effective monitoring and assessment program to identify, measure, record, and report of the effectiveness of the controls and lawfulness of releases.