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## **Addendum to North Coast Priority Dredging Brunswick River Review of Environmental Factors**

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Part V of the Environmental Planning and Assessment Act 1979

This 'Addendum to North Coast Priority Dredging Brunswick River Review of Environmental Factors' comprises the assessment of those matters affecting or likely to affect the environment by reason of the proposed modification to the activity, as required by **Part 5 of the *Environmental Planning and Assessment Act 1979***

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**Proposed modification to add an additional Pipeline  
Route Option.**

**July 2015**

## Addendum

The North Coast Priority Dredging Brunswick River Review of Environmental Factors (REF) has been prepared by Hydrosphere Consulting Pty Ltd for NSW Government Trade and investment (Crown Lands) (now Department of Primary Industries – Lands). At the time of preparation of the document a pipeline route was proposed which followed a track through a stand of littoral rainforest (See REF Figure 1).

During the dredging tender process the winning contractor identified a preferred pipeline route (Option 2) which was shorter in length than the original route and avoided the littoral rainforest area (See Figure 1 below).

The option 2 pipeline route makes land fall with the National Park on a wide pedestrian track prior to recommencing on its original route to New Brighton Beach. No damage or removal of vegetation is required in order to utilise this track for pipeline installation. NSW National Parks & Wildlife Service was consulted about the option 2 pipeline route and had no objection.

In order to make landfall at the aforementioned pedestrian track, the pipeline route must divert from its original route down Brunswick River and enter an embayment located on the northern side of the river opposite the entrance to Simpsons Creek. The presence of seagrass patches have been identified within the embayment. However, there is sufficient river bed area that is free of seagrass and is suitable for dredge pipeline installation.

The dredge pipeline would be laid in a way that avoids areas of seagrass. Concrete anchor blocks would be used to anchor the pipeline to ensure any pipeline movement does not damage seagrass (marine vegetation). Pipeline floats would be used where necessary in order to avoid pipeline contact and potential damage to seagrass.

Option 2 pipeline route, is the preferred pipeline route option for the project as it will reduce the sand pumping distance and potentially reduce the need for an additional booster pump. The route would remove the need for the dredging contractor to enter the sensitive area of littoral rainforest.

On the basis that damage to seagrass is avoided through implementation of abovementioned mitigation measures and as required by the REF, modification is not likely to significantly affect the environment and therefore an environmental impact statement (EIS) is not required.

This Addendum REF has been prepared with due consideration given to the provisions of the *Environmental Planning and Assessment Act 1979*.

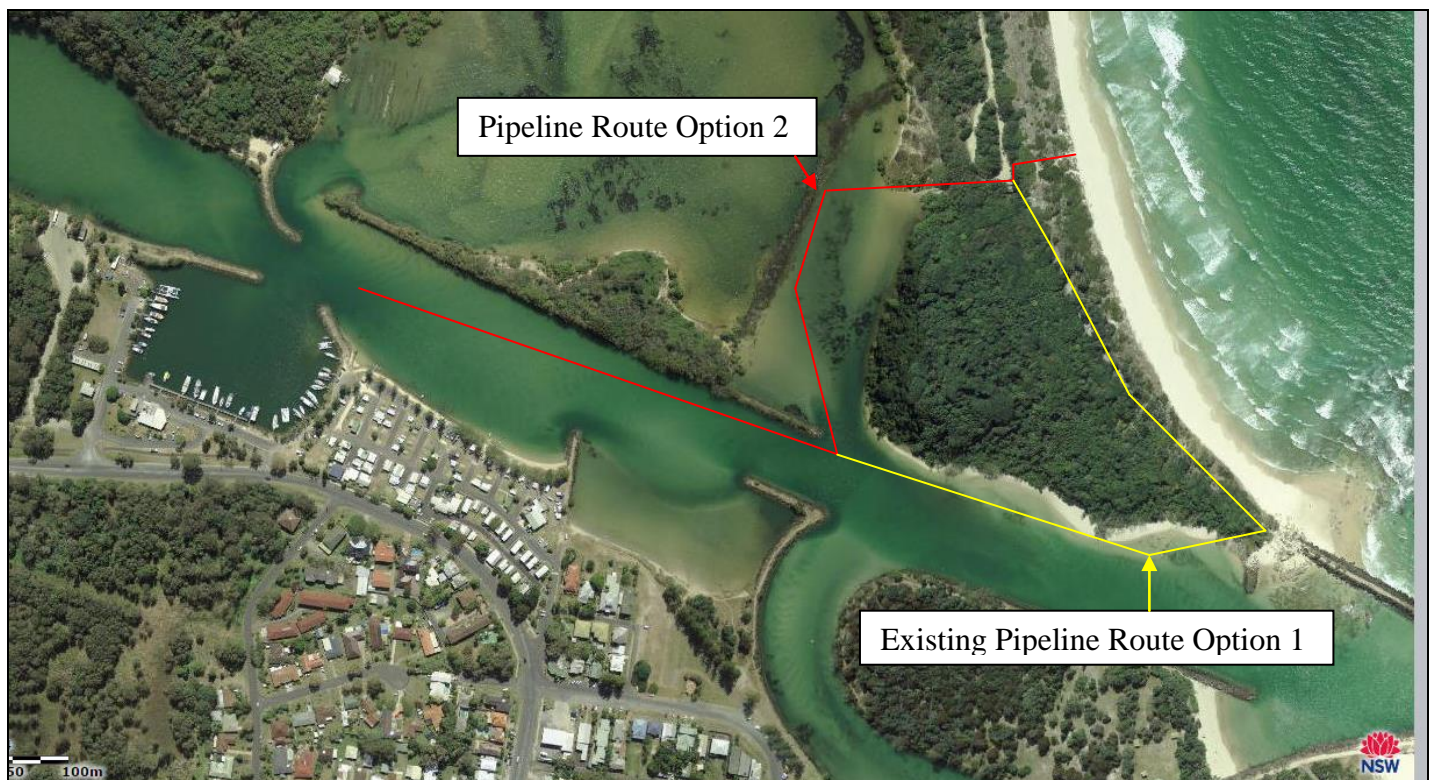


Figure 1: Red line indicates the amended Pipeline Route Option 2.

Prepared by: David Hopper, Environmental Officer



Signature

Date: 14.7.15

## Section J – Determination

As the person intending to exercise delegation to issue the necessary approvals for the carrying out of the proposed activity, and based on the assessment and conclusions carried out above, it is determined, in terms of the requirement in s. 111 of the *Environmental Planning and Assessment Act 1979* to assess the environmental effect of the proposed modification of the activity to the fullest extent possible, that:

- the environmental impacts of the proposed modification of the pipeline route are such that the activity could take place without any modification.**
- the environmental impacts of the proposed modification are such that the proposed activity could take place, but only if modified in the following manner:
- the environmental impacts of the proposed modification are such that the proposed activity should not take place.
- the environmental impacts of the proposed modification are considered to be significant and should be reviewed further via an Environmental Impact Statement prior to any further decision on whether the activity should take place.

Comment:



Name: Garry Clarke

Position: Manager Coastal infrastructure

Date: 15 July 2015

