

Environmental Protection Authority

EPA REFERRAL FORM PROPONENT

Referral of a Proposal by the Proponent to the Environmental Protection Authority under Section 38(1) of the *Environmental Protection Act 1986*.

PURPOSE OF THIS FORM

Section 38(1) of the *Environmental Protection Act 1986* (EP Act) provides that where a development proposal is likely to have a significant effect on the environment, a proponent may refer the proposal to the Environmental Protection Authority (EPA) for a decision on whether or not it requires assessment under the EP Act. This form sets out the information requirements for the referral of a proposal by a proponent.

Proponents are encouraged to familiarise themselves with the EPA's *General Guide* on *Referral of Proposals* [see Environmental Impact Assessment/Referral of Proposals and Schemes] before completing this form.

A referral under section 38(1) of the EP Act by a proponent to the EPA must be made on this form. A request to the EPA for a declaration under section 39B (derived proposal) must be made on this form. This form will be treated as a referral provided all information required by Part A has been included and all information requested by Part B has been provided to the extent that it is pertinent to the proposal being referred. Referral documents are to be submitted in two formats – hard copy and electronic copy. The electronic copy of the referral will be provided for public comment for a period of 7 days, prior to the EPA making its decision on whether or not to assess the proposal.

CHECKLIST

Before you submit this form, please check that you have:

| | Yes | No |
|--|----------|----|
| Completed all the questions in Part A (essential). | ✓ | |
| Completed all applicable questions in Part B. | ✓ | |
| Included Attachment 1 – location maps. | ✓ | |
| Included Attachment 2 – additional document(s) the proponent wishes | ./ | |
| to provide (if applicable). | V | |
| Included Attachment 3 – confidential information (if applicable). | | ✓ |
| Enclosed an electronic copy of all referral information, including spatial | ./ | |
| data and contextual mapping but excluding confidential information. | v | |

following question (a response is optional). Do you consider the proposal requires formal environmental impact assessment? Yes √ No Not sure If yes, what level of assessment? Assessment on Proponent Information Public Environmental Review **PROPONENT DECLARATION** (to be completed by the proponent) I, Kevan Wheeler, declare that I am authorised on behalf of Southern Ports Authority. Port of Bunbury (being the person responsible for the proposal) to submit this form and further declare that the information contained in this form is true and not misleading. Signature: 🕢 Name (print): Kevan Wheeler Company: Southern Ports Authority. Port of Position: Manager – Engineering and Bunbury **Projects** Email: kevan.wheeler@byport.com.au 10/10/14 Date:

Following a review of the information presented in this form, please consider the

PART A - PROPONENT AND PROPOSAL INFORMATION

(All fields of Part A must be completed for this document to be treated as a referral)

1 PROPONENT AND PROPOSAL INFORMATION

1.1 Proponent

| Name | SPA Port of Bunbury |
|--|-----------------------------|
| Joint Venture parties (if applicable) | Not applicable (NA) |
| Australian Company Number (if applicable) | ABN 30 044 341 250 |
| Postal Address | PO Box 4 |
| (where the proponent is a corporation or an association of | Bunbury |
| persons, whether incorporated or not, the postal address is | WA 6231 |
| that of the principal place of business or of the principal office in the State) | |
| Key proponent contact for the proposal: | |
| • name | Kevan Wheeler |
| • address | 54 Casuarina Drive Bunbury |
| • phone | (08) 9729 7039 |
| • email | kevan.wheeler@byport.com.au |
| Consultant for the proposal (if applicable): | |
| • name | Fionnuala Hannon |
| • address | Level 1 10 Victoria St |
| • phone | Bunbury WA 6230 |
| • email | (08) 9721 0711 |
| | fionnuala.hannon@ghd.com |

1.2 Proposal

| Title | Construction of a revetment wall at Point Busaco, Bunbury |
|--|---|
| Description | The SPA Port of Bunbury is proposing to construct a 230m rock revetment and undertake sand renourishment along eastern Koombana Beach, Bunbury. The revetment will provide erosion protection to the Ports Lease Area, while sand renourishment will reduce the erosion threat to foreshore infrastructure located to the west. |
| Extent (area) of proposed ground disturbance. | The proposed works will directly impact an approximate area of 0.23 ha (230 m by 10 m). Construction is entirely based on land. |
| Timeframe in which the activity or development is proposed to occur (including start and finish dates where applicable). | The construction period is anticipated to be six to eight weeks commencing November/December 2014. |
| Details of any staging of the proposal. | The project will be entirely completed within 6-8 weeks. |

| Is the proposal a strategic proposal? | No |
|--|---------------------------------------|
| Is the proponent requesting a declaration that the proposal is a derived proposal? | No |
| 1 | |
| If so, provide the following information on the | |
| strategic assessment within which the referred | |
| proposal was identified: | |
| title of the strategic assessment; and | |
| Ministerial Statement number. | |
| Please indicate whether, and in what way, the | NA |
| proposal is related to other proposals in the | |
| region. | |
| Does the proponent own the land on which the | Yes |
| proposal is to be established? If not, what other | |
| arrangements have been established to access | |
| the land? | |
| What is the current land use on the property, and | The revetment wall will be along the |
| the extent (area in hectares) of the property? | eastern foreshore of Koombana |
| | Beach (Figure 1). The revetment is |
| | 230m in length, extending |
| | approximately 150m east of the |
| | Dolphin Discovery Centre (western |
| | end) to the groyne at Point Busaco |
| | (eastern end), which forms the entry |
| | to the Inner Harbour. |
| | The land is not used for recreational |
| | purposes and provides access to |
| | Cristal's lease area. |

1.3 Location

| Name of the Shire in which the proposal is located. | City of Bunbury |
|--|----------------------------------|
| For urban areas: | |
| street address; | Koombana Drive |
| lot number; | Part of Lot 962 on Plan 220558 |
| suburb; and | Vittoria WA 6230 |
| nearest road intersection. | Koombana Drive and Estuary Drive |
| For remote localities: | |
| nearest town; and | NA |
| distance and direction from that town to the | |
| proposal site. | |
| Electronic copy of spatial data - GIS or CAD, | |
| geo-referenced and conforming to the following | Enclosed?: Yes / No |
| parameters: | |
| GIS: polygons representing all activities and named; | |
| CAD: simple closed polygons representing | |
| all activities and named; | |
| datum: GDA94; | |
| • projection: Geographic (latitude/longitude) | |
| or Map Grid of Australia (MGA); | |
| • format: Arcview shapefile, Arcinfo | |
| coverages, Microstation or AutoCAD. | |

1.4 Confidential Information

| / No |
|------|
| / No |

1.5 Government Approvals

| Is rezoning of any la proposal can be implementally as please provide de | | Yes / No | |
|--|-------------------|---|--|
| | | Yes / No | |
| Agency/Authority | Approval required | Application lodged Yes / No | Agency/Local Authority contact(s) for proposal |
| Department of Environmental Regulation (DER) | Works approval | No. However, DER was briefed by SPA Port of Bunbury on the project on 9 September | Neville Welsh (DER officer, Southern |

| | 2014. | Region) |
|--|-------|---------|

PART B - ENVIRONMENTAL IMPACTS AND PROPOSED MANAGEMENT

2. ENVIRONMENTAL IMPACTS

| Describe | the | impacts | of | the | proposal | on | the | following | elements | of | the | environment | i, by |
|----------|-------|---------|----|------|------------|------|------|-----------|----------|----|-----|-------------|-------|
| answerin | g the | questio | ns | cont | ained in S | Sect | ions | 2.1-2.11: | | | | | |

| alisw | vering | the questions cor | itaineu iii S | ections 2.1-2.11. |
|-------|----------|----------------------------------|---------------|---|
| 2 | 2.1 | flora and vegetati | on; | |
| 2 | 2.2 | fauna; | | |
| 2 | 2.3 | rivers, creeks, we | tlands and | estuaries; |
| 2 | 2.4 | significant areas | and/ or land | I features; |
| 2 | 2.5 | coastal zone area | ıs; | |
| 2 | 2.6 | marine areas and | biota; | |
| 2 | 2.7 | water supply and | drainage ca | atchments; |
| 2 | 2.8 | pollution; | | |
| 2 | 2.9 | greenhouse gas | emissions; | |
| 2 | 2.10 | contamination; an | nd | |
| 2 | 2.11 | social surrounding | gs. | |
| Thes | se fea | tures should be sh | nown on the | e site plan, where appropriate. |
| For a | all info | ormation, please ir | ndicate: | |
| (| a) | the source of the | information | ; and |
| (| b) | the currency of th | e informatio | on. |
| 2.4 | Elor | and Vagatation | | |
| 2.1 | | a and Vegetation | or only noti | ve flore and vegetation as a part of this proposal? |
| 2.1.1 | | | • | ve flora and vegetation as a part of this proposal? |
| | the | EP Act (Environn | nental Prote | ation may require a clearing permit under Part V of ection (Clearing of Native Vegetation) Regulations rtment of Environment and Conservation (DEC) for |
| | moi | e information. | | |
| | | (please tick) | ✓ Yes | If yes, complete the rest of this section. |
| | | | ☐ No | If no, go to the next section |
| 0.4.0 | | | | |
| 2.1.2 | ' Hov | G | , , | oposing to clear (in hectares)? |
| | | • | ow virtually | umilis) will be removed. This tree is currently on its side. A. humilis is endemic to the south west |
| 2.1.3 | | ve you submitted are exempt from | | ion to clear native vegetation to the DEC (unless irement)? |
| | | ☐ Yes | ✓ No | If yes , on what date and to which office was the application submitted of the DEC? |

| 2.1.4 | Are you aware of any by this proposal? | recent floi | ra surveys carried out over the area to be disturbed |
|-------|--|---------------|---|
| | ☐ Yes | √ No | If yes , please <u>attach</u> a copy of any related survey reports and <u>provide</u> the date and name of persons / companies involved in the survey(s). |
| | | | If no , please do not arrange to have any biological surveys conducted prior to consulting with the DEC. |
| 2.1.5 | | | for known occurrences of rare or priority flora or ies been conducted for the site? |
| | ☐ Yes | ✓ No | Not applicable |
| | | | If you are proposing to clear native vegetation for any part of your proposal, a search of DEC records of known occurrences of rare or priority flora and threatened ecological communities will be required. Please contact DEC for more information. |
| | The site is highly range of annual a | _ | and principally comprises of kikuyu grass and a all weeds. |
| 2.1.6 | Are there any known communities on the s | | es of rare or priority flora or threatened ecological |
| | ☐ Yes | ✓ No | Not applicable |
| | | | If yes , please indicate which species or communities are involved and provide copies of any correspondence with DEC regarding these matters. |
| 2.1.7 | or adjacent to a list | ed Bush F | politan Region, is the proposed development within forever Site? (You will need to contact the Bush nt for Planning and Infrastructure) |
| | ☐ Yes | ☐ No | ✓ Not applicable |
| | | | If yes , please indicate which Bush Forever Site is affected (site number and name of site where appropriate). |
| 0.4.6 | M | 6.41 | |
| 2.1.8 | What is the condition | J | |
| | ine vegetation co | onaition is (| completely degraded. Construction of the |

southern side of the existing erosion scarp.

revetment will provide erosion protection to remaining native vegetation on the

| 2.2.1 | Do you expect that an | y fauna or | fauna habitat will be impacted by the proposal? |
|-------|--|-------------|--|
| | (please tick) | ☐ Yes | If yes, complete the rest of this section. |
| | | ✓ No | If no, go to the next section. |
| | | | |
| 2.2.2 | Describe the nature a | nd extent o | of the expected impact. |
| | | | |
| 2.2.3 | Are you aware of a disturbed by this prop | • | fauna surveys carried out over the area to be |
| | ☐ Yes | ☐ No | If yes, please <u>attach</u> a copy of any related survey reports and <u>provide</u> the date and name of persons / companies involved in the survey(s). |
| | | | If no , please do not arrange to have any biological surveys conducted prior to consulting with the DEC. |
| 2.2.4 | Has a search of DE (threatened) fauna be | | s for known occurrences of Specially Protected ted for the site? |
| | ☐ Yes | ☐ No | (please tick) |
| 2.2.5 | Are there any known site? | occurrence | es of Specially Protected (threatened) fauna on the |
| | ☐ Yes | ☐ No | |
| | | | If yes , please indicate which species or communities are involved and provide copies of any correspondence with DEC regarding these matters. |
| | | | |
| 22 [| Rivers Creeks Wetler | ade and E | etuarios |
| | Rivers, Creeks, Wetlar Will the development | | n 200 metres of a river, creek, wetland or estuary? |
| 2.0.1 | (please tick) | □ Yes | |
| | , | ✓ No | If no, go to the next section. |
| | | | |
| 2.3.2 | Will the development zone? | t result in | the clearing of vegetation within the 200 metre |

2.2 Fauna

| | ∐ Yes | ∐ No | expected imp | | e the (| extent o | t the |
|-------|--|--------------------------|------------------------------|---------------------|-------------|------------|-----------|
| 2.3.3 | Will the developme estuary? | nt result in | the filling or ex | cavation of a | a river, cr | eek, wetl | and or |
| | ☐ Yes | ☐ No | If yes, plea expected imp | | e the o | extent o | f the |
| 2.3.4 | Will the developme estuary? | ent result i | n the impound | dment of a | river, cre | ek, wetla | and or |
| | ☐ Yes | ☐ No | If yes, plea expected imp | ase describ act. | e the o | extent o | f the |
| 2.3.5 | Will the developmen | nt result in c | Iraining to a rive | er, creek, we | tland or e | estuary? | |
| | ☐ Yes | ☐ No | If yes, please expected imp | | e extent o | of the | |
| 2.3.6 | Are you aware if the buffer) within one of | | • | | wetland o | or estuary | / (or its |
| | Conservation Category | ory Wetland | I | ☐ Yes | ☐ No | Un: | sure |
| | Environmental Property Agricultural Zone W | rotection etlands) Po | (South We licy 1998 | st Yes | ☐ No | Un: | sure |
| | Perth's Bush Foreve | r site | | ☐ Yes | ☐ No | Un: | sure |
| | Environmental Prof Rivers) Policy 1998 | tection (Sw | /an & Cannir | ^{ng} ☐ Yes | ☐ No | ☐ Uns | sure |
| | The management ar Swan River Trust Ac | | ed in s4(1) of th | e Yes | ☐ No | Uns | sure |
| | Which is subject to because of the imp waterbirds and water JAMBA, CAMBA) | ortance of | the wetland for | or Ves | ☐ No | ☐ Uns | sure |
| • | | | | | | | |
| 2.4 | Significant Areas an | nd/ or Land | Features | | | | |
| 2.4.1 | Is the proposed dev National Park or Na | | | r adjacent to | an exist | ng or pro | posed |
| | ☐ Yes | ✓ No | If yes, please | e provide deta | ails. | | |
| | | | | | | | |

| 2.4.2 Are you aware of any Environmentally Sensitive Areas (as declared by the Minister under section 51B of the EP Act) that will be impacted by the proposed development? | | | | |
|---|--|--|--|--|
| ☐ Yes ✓ No If yes, please provide details. | | | | |
| 2.4.3 Are you aware of any significant natural land features (e.g. caves, ranges etc) that will be impacted by the proposed development? | | | | |
| ☐ Yes ✓ No If yes, please provide details. | | | | |
| 2.5 Coastal Zone Areas (Coastal Dunes and Beaches) | | | | |
| 2.5.1 Will the development occur within 300metres of a coastal area? | | | | |
| (please tick) ✓ Yes If yes, complete the rest of this section. | | | | |
| No If no, go to the next section. | | | | |
| The SPA Port of Bunbury has identified ongoing erosion along the foreshore fronting the Cristal's lease area, which in 2011 had undermined sections of an existing access track. The constructed revetment will provide erosion protection to the Cristal's lease area and maintain access for pedestrians and emergency vehicles. The location of the revetment is shown in Figure 1. | | | | |
| 2.5.2 What is the expected setback of the development from the high tide level and from the primary dune? | | | | |
| Construction of the revetment wall will be undertaken along the eastern foreshore (including beach) of Koombana Beach (refer to Figure 2). For ease of construction, construction is planned for either October/November 2014 or January/ February, 2015 when tide levels are generally low and weather conditions are favourable. | | | | |
| 2.5.3 Will the development impact on coastal areas with significant landforms including beach ridge plain, cuspate headland, coastal dunes or karst? | | | | |
| | | | | |
| It has been identified that the revetment wall is likely to transfer some erosive pressure to the west. The SPA Port of Bunbury has subsequently committed to undertake nourishment works to reduce the erosion threat to existing foreshore infrastructure located towards the centre of Koombana Bay with already limited foreshore setbacks. This will involve trucking clean coarse sand from a sand trap on the ocean (western) side of the Outer Harbour breakwater and placement in front and immediately west of the revetment. Geological testing of this sand has confirmed the coarse nature of this material and that it is not contaminated. | | | | |
| 2.5.4 Is the development likely to impact on mangroves? | | | | |
| | | | | |

| 2.6 | Marine Areas and Bi | ota | |
|-------|--|--|--|
| 2.6.1 | Is the development such as seagrasses | - | pact on an area of sensitive benthic communities, or mangroves? |
| | ☐ Yes | ✓ No | If yes, please describe the extent of the expected impact. |
| 2.6.2 | | eservation (| mpact on marine conservation reserves or areas (as described in <i>A Representative Marine Reserve</i> CALM, 1994)? |
| | ☐ Yes | ✓ No | If yes, please describe the extent of the expected impact. |
| 2.6.3 | Is the development or for commercial fis | | eact on marine areas used extensively for recreation es? |
| | ☐ Yes | √ No | If yes , please describe the extent of the expected impact, and provide any written advice from relevant agencies (e.g. Fisheries WA). |
| | barrier) around the will contain and co disposed to the oce 10-15m off-shore a Figure 3. The maj | excavation and the disease. The silt and would bority of the | s the Contractor to install a silt curtain (turbidity area during the construction period. The silt curtain spersion of any potential floating silt that may be curtain will extend from the beach to approximately be approximately 70m in length and 2m in depth, sand fraction however will be coarse beach sand of turbidity at the excavation site. |
| | In the unlikely ever overnight. | t of turbidit | y occurring, it is anticipated that this will dissipate |
| 2.7 \ | Water Supply and D | rainage Cat | tchments |
| 2.7.1 | Are you in a proclair | ned or prop | osed groundwater or surface water protection area? |
| | ` | r your locati | Department of Water (DoW) for more information on ion, including the requirement for licences for water bW website) |
| | ☐ Yes | ✓ No | If yes, please describe what category of area. |
| 2.7.2 | Are you in an exist Control area? | sting or pro | oposed Underground Water Supply and Pollution |
| | ` | ding the red | DoW for more information on the requirements for quirement for licences for water abstraction. Also, |
| | ☐ Yes | ✓ No | If yes, please describe what category of area. |

| 2.7.3 | Are you in a Public Dri | inking Watei | r Supply Area (PDWSA)? |
|-------|---|-----------------------------|--|
| | ` | | DoW for more information or refer to the DoW petation within a PDWSA requires approval from |
| | ☐ Yes 🗸 | _ | If yes, please describe what category of area. |
| 2.7.4 | Is there sufficient water | er available f | or the proposal? |
| | • | | o whether approvals are required to source water, please provide a letter of intent from the DoW) |
| | ✓ Yes | ☐ No | (please tick) |
| | construction of the | e revetment the Contract | ed for dust suppression as required during wall. The Contractor will be required to source ors agreed source of supply. and transport to site |
| 2.7.5 | Will the proposal requ | ire drainage | of the land? |
| | ✓ Yes [| | If yes, how is the site to be drained and will the drainage be connected to an existing Local Authority or Water Corporation drainage system? Please provide details. |
| | areas excavated of | during const | will be required where seawater infiltrates the ruction of the revetment wall. This seawater will be using the excavator bucket and be disposed at |
| 2.7.6 | Is there a water require | ement for the | e construction and/ or operation of this proposal? |
| | (please tick) | ✓ Yes | If yes, complete the rest of this section. |
| | | ☐ No | If no, go to the next section. |
| | • | • | dust suppression during construction of the tbe required once the revetment wall is |
| 2.7.7 | What is the water req in kilolitres per year? | uirement for | the construction and operation of this proposal |
| | | • | has not been calculated as it will only be required ive during construction. |
| 2.7.8 | What is the proposed water etc.) | I source of v | water for the proposal? (e.g. dam, bore, surface |
| | supplier and supp | ly source or | ater on an 'as-needed' basis from their agreed n an as needed basis. The SPA Port of Bunbury vater during construction. |

2.8 Pollution

| 2.8.1 | Is there likely to be any on noise, vibration, gaseous pollutants? | | | |
|-------|---|--|--|--|
| | (please tick) ✓ | Yes If yes | s, complete the rest | of this section. |
| | | No If no | go to the next section | on. |
| | Truck movements, rock construction machinery breaking, rock/material generate dust. | will generate no | ise. Rock/material t | ipping, rock |
| 2.8.2 | ls the proposal a preson Regulations 1987? | cribed premise, | under the Enviro | nmental Protection |
| | (Refer to the EPA's Gene section 38(1) of the EP Act | | • | s to the EPA under |
| | ☐ Yes ✓ No | • | please describe d premise. | what category of |
| 2.8.3 | Will the proposal result in g | gaseous emissio | ns to air? | |
| | ✓ Yes | If yes, plo | ease briefly describe |) . |
| | It is anticipated that air during construction, whe that may occur is expensional short periods of time. | ich is likely to tal | ke between 6-8 wee | ks. Any visible dust |
| | The most likely sources machinery movements between 40-50 vehicles rock and 100-150 vehic sand from the outer har | and rock dumpin s per week (over cles per week (ov | g. Indicative truck m a 6-8 week period) f ver a 3-5 week perioo | ovements are for movement of d) for transporting |
| | The Contractor will be a suppression as part of visible dust movement | their Construction | | |
| 2.8.4 | Have you done any modell will be met, including cor sources? | • | | |
| | ☐ Yes ✓ No | If yes , plo | ease briefly describe |) . |
| 2.8.5 | Will the proposal result in li | iquid effluent dis | charge? | |
| | ☐ Yes ✓ No | • | please briefly deso ations and receiving | |

| | • | | strate that the State Water Quality Management ndards will be able to be met? |
|--------|--|----------------------------------|--|
| | ☐Yes | ✓ No | |
| 2.8.7 | Will the proposal p | roduce or res | ult in solid wastes? |
| | ☐ Yes | ✓ No | If yes , please briefly describe the nature, concentrations and disposal location/ method. |
| 2.8.8 | Will the proposal re | esult in signific | cant off-site noise emissions? |
| | ✓ Yes | ☐ No | If yes, please briefly describe. |
| | equipment (one | excavator ar | lude truck movements, operation of construction and one loader) and activities associated with rock ounding and moving rocks into the rock wall. |
| | not exceed the will occur during | statutory requ g the hours of | ed to manage noise to ensure that noise levels do uirements for construction noise. All construction 7 am and 5 pm from Monday to Saturday. No and night work is not anticipated. |
| | Will the developr Regulations 1997? | ment be sul | bject to the Environmental Protection (Noise) |
| | ☐ Yes | ✓ No | If yes, has any analysis been carried out to demonstrate that the proposal will comply with the Regulations? |
| | | | Please attach the analysis. |
| 2.8.10 | odour or another sensitive premise | pollutant thates" such as s | tential to generate off-site, air quality impacts, dust, at may affect the amenity of residents and other schools and hospitals (proposals in this category e, aquaculture, marinas, mines and quarries etc.)? |
| | Yes | ✓ No | If yes , please describe and provide the distance to residences and other "sensitive premises". |
| 2.8.11 | | | al component or involves "sensitive premises", is it by discharge a pollutant? |
| | ☐ Yes | ☐ No | ✓ Not Applicable |
| | | | If yes, please describe and provide the distance to the potential pollution source |
| | | | |

2.8.6 If there is likely to be discharges to a watercourse or marine environment, has any

2.9 Greenhouse Gas Emissions

2.9.1 Is this proposal likely to result in substantial greenhouse gas emissions (greater than 100 000 tonnes per annum of carbon dioxide equivalent emissions)?

| | ☐ Yes | ✓ No | | ovide an estimate of the annual n absolute and in carbon at figures. |
|--------|---|--|---|---|
| | • | | proposed measures proposed to offset e | s to minimise emissions, and missions. |
| 2.10 C | ontamination | | | |
| 2.10.1 | | | proposal is to be losed soil or groundwa | ocated been used in the past for ater contamination? |
| | ☐ Yes | ✓ No | Unsure | If yes, please describe. |
| 2.10.2 | Has any assessi site? | ment been d | one for soil or gro | undwater contamination on the |
| | ☐ Yes | ✓ No | If yes, please | describe. |
| 2.10.3 | | • | | te under the <i>Contaminated Sites</i> nd proclamation of the CS Act) describe. |
| | | | , , , | |
| 2.11 S | ocial Surrounding | js | | |
| 2.11.1 | · · · · · · · · · · · · · · · · · · · | | ty which contains of I significance that m | or is near a site of Aboriginal hay be disturbed? |
| | ☐ Yes | ✓ No | Unsure | If yes, please describe. |
| 2.11.2 | interest (e.g. a ma | ajor recreation | n area or natural sco | · |
| | ✓ Yes | □ No | If yes, please des | |
| | contributes to organisation these programinteraction wite fencing, signations construction. | regional tour nat undertake ms are fund h wild dolph ge and a tra The Manag nis Project an | rism. Dolphin Disc es research, educati ed through tourisn ins in Koombana I affic management p ger of the Dolphir d will be advised as | olphin Discovery Centre, which covery Centre is a not-for-profit ion and conservation programs. In experiences associated with Bay. Access controls, such as blan will be established during in Discovery Centre has been to when work will commence. |
| 2.11.3 | Will the proposal affect the amenity | | - | transport of goods, which may |

| | ☐ Yes | ✓ No | If yes, please describe. | | | |
|-------|--|---------------|---|--------------|----------------------|----------------------|
| 3. I | PROPOSED MANAC | SEMENT | | | | |
| 3.1 F | Principles of Enviro | nmental Pro | otection | | | |
| 3.1.1 | as set out in sec | tion 4A of th | or project gives attention to the EP Act? (For informat the see EPA Position State | tion | on the Prince | ciples of |
| | 1. The precautional | y principle. | | ✓ | Yes | ☐ No |
| | 2. The principle of i | ntergeneratio | onal equity. | ✓ | Yes | ☐ No |
| | 3. The principle of diversity and eco | | servation of biological rity. | ✓ | Yes | ☐ No |
| | 4. Principles relating incentive mechanisms | • | ed valuation, pricing and | ✓ | Yes | ☐ No |
| | 5. The principle of v | vaste minimi | sation. | ✓ | Yes | ☐ No |
| 3.1.2 | Is the proposa Bulletins/Position Guidelines/Guidar ✓ Yes | Stateme | | me | ntal Ass | rotection essment |
| 3.2 (| Consultation | | | | | |
| 3.2.1 | Has public consu | | place (such as with othe purs), or is it intended tha | _ | | • |
| | ✓ Yes | ☐ No | If yes, please list those comments or summar separate sheet. | | nsulted and response | attach on a |
| | | | Consultation was representatives from Cr Discovery Centre and th September 9 th . – refer to | ista ne (| City of Bunb | • |

Attachment 1

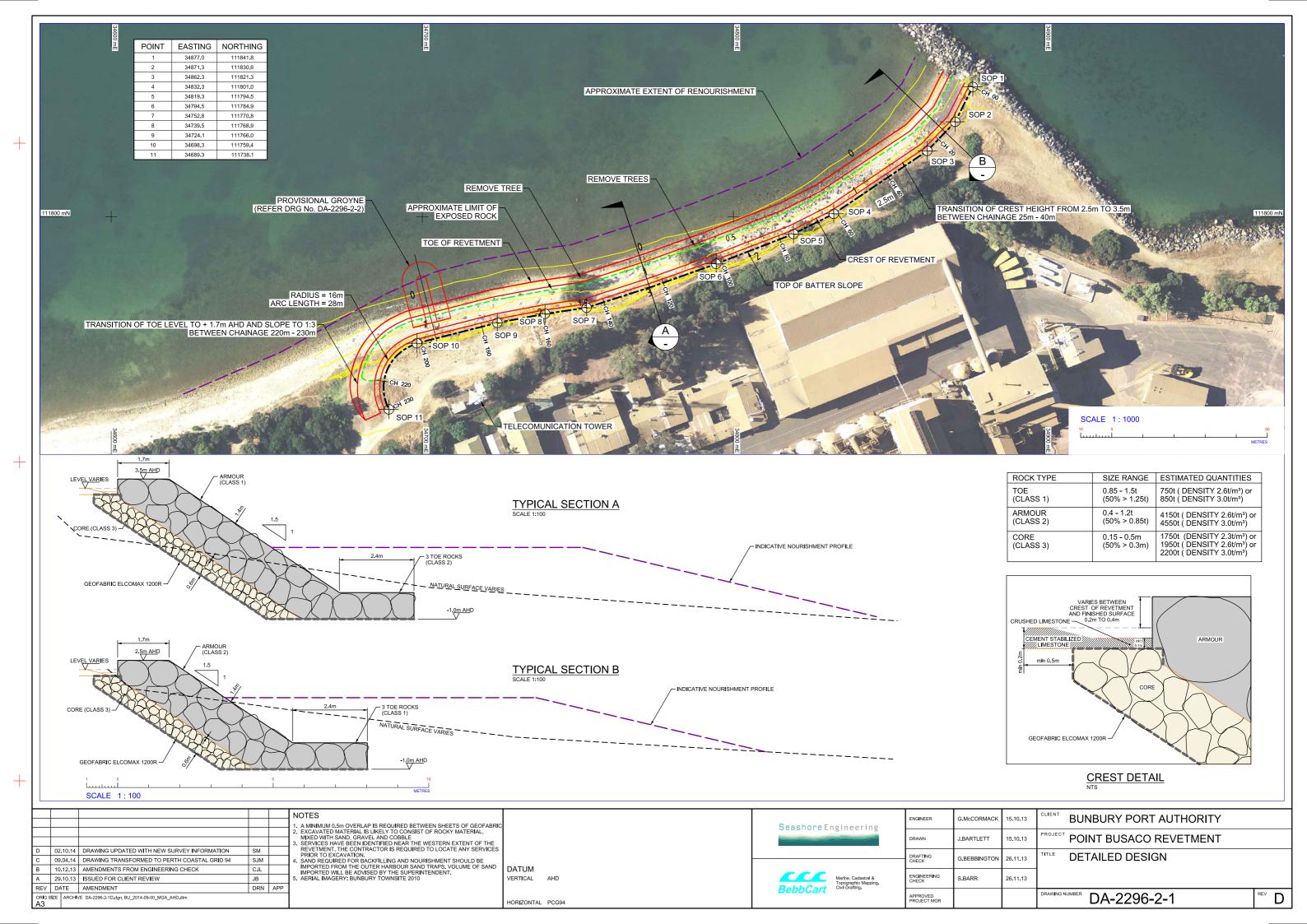
Figure 1 – Site Locality Map

Figure 2 – Site Detailed Design (Ref. DA-2296-2-1)

Figure 3 – Conceptual illustration of the location of the Silt Curtain.



Figure 1 – Site Locality Map



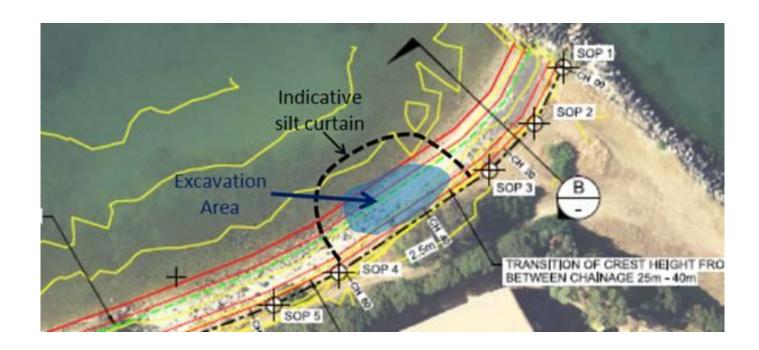


Figure 3: Conceptual illustration of the location of the Silt Curtain.

Attachment 2 Community Consultation List



Memorandum

10 September 2014

| То | Bunbury Port Authority | | | | |
|---------|---|---------|----------------|--|--|
| Copy to | | | | | |
| From | Fionnuala Hannon | Tel | 61 8 9721 0711 | | |
| Subject | Stakeholder Consultation: Revetment Wall Point Busaco | Job no. | 61/31493 | | |

The Bunbury Port Authority and SeaShore Engineering presented a discussion on the proposed construction of a revetment wall at Point Busaco, Koombana Bay. The presentation included the purpose of the construction, timing of the construction and the environmental and social impacts that may arise.

Those attending the presentation were:

- 1 Neville Welsh, Department of Environmental Regulation
- 2 Ken Bell, Cristal
- 3 Phil Johnston, Cristal
- 4 Daniel Marshall, South West Development Commission
- 5 Ashley Clements, South West Development Commission
- 6 David Kerr, Dolphin Discovery Centre
- 7 Fionnuala Hannon, GHD
- 8 Jason Gick, City of Bunbury
- 9 Kevan Wheeler, BPA
- 10 Duncan Gordon, BPA
- 11 David Lantry, BPA
- 12 Mick Griffin, BPA
- 13 Stuart Barr, SeaShore Engineering

There was broad support for this work due to the extent of the erosion that has occurred to date. The risk of turbidity as a result of construction was raised as a possible environmental impact. On this basis, and that the Dolphin Discovery Centre is 150m to the west of the excavation site, the meeting recommended that advice from the EPA is sought as to whether this Project should be formally referred.

ACTION: Fionnuala Hannon, GHD, to contact the EPA to seek advice as to whether this Project requires referral under s38 of the *Environmental Protection Act 1986*.

Regards

Fionnuala Hannon

Principal Environmental Consultant

61/31493/14798