



**Advisian**

WorleyParsons Group



## EDEN BREAKWATER WHARF EXTENSION (the Project)

**Project Number: 301311-13734**

### Construction Compliance Tracking Program

**Document Number:  
301311-13734-EN-PGM-0001**

**Notes:**

- 1 Construction of the Project will be delivered under two separate contracts by a Dredging Contractor (Stage 1) and a Marine Structures Contractor (Stage 2).
- 2 Compliance will be tracked against the relevant conditions for each stage.
- 3 Duplicate compliance condition entries are marked as 'duplicate' to allow for filtering to ensure consistency in monitoring conditions
- 4 The procedure for monitoring compliance with project conditions, permits and Proposed Mitigation Measures is contained in Tab 3 of this Program
- 5 Overall monitoring of the status of the conditions is monitored in Tab4, columns Q to X.

Rev	Description	Date	By	Check	App'd
A	Internal Draft	04-Jul-17	CS	-	-
B	Draft for review	07-Jul-17	CS	SMJ	-
C	Draft for review	18-Jul-17	CS	SMJ	SMJ
0	For Submission to the Secretary	19-Jul-17	CS	SMJ	SMJ
1	Updated following comments from DP&E	12-Aug-17	CS	SW	SW

Endorsed by the Environmental Representative

Date: 14/08/17

## 2. Definitions

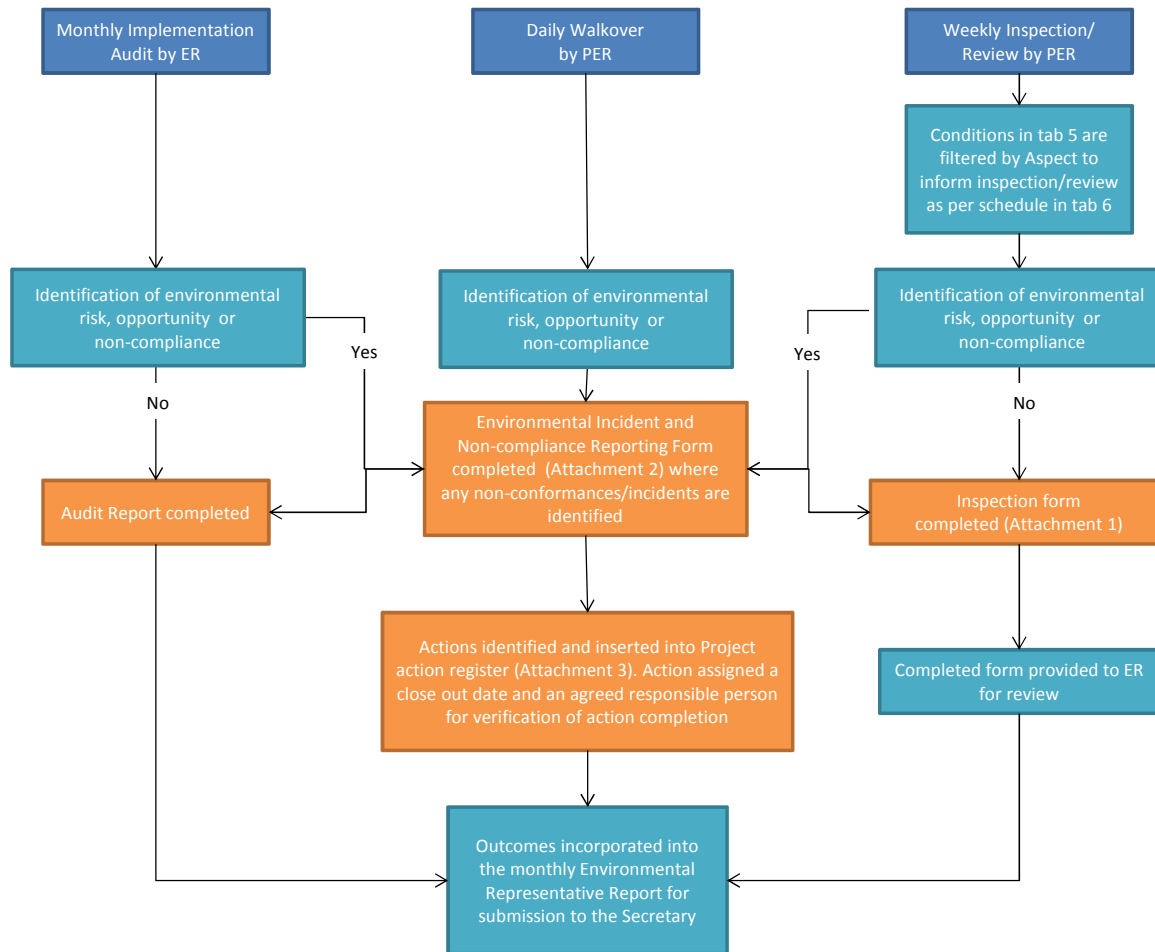
Term	Source	Definition
Act (in relation to Sea Dumping Permit Conditions)	Sea Dumping Permit Variation - 2015/3102	the <i>Environment Protection (Sea Dumping) Act 1981</i>
Act (in relation to the EPL)	Environment Protection Licence - EPL 20942	the <i>Protection of the Environment Operations Act 1997</i>
activity	Environment Protection Licence - EPL 20942	a scheduled or non-scheduled activity within the meaning of the <i>Protection of the Environment Operations Act 1997</i>
Ancillary Facility	Infrastructure Approval - SS1 7734	Temporary facility required for Construction of the project including an office and amenities compound, construction compound, material crushing and screening plant, materials storage compound, maintenance workshop, testing laboratory and material stockpile area
anniversary date	Environment Protection Licence - EPL 20942	the anniversary date is the anniversary each year of the date of issue of the licence (EPL). In the case of a licence continued in force by the <i>Protection of the Environment Operations Act 1997</i> , the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act
annual return	Environment Protection Licence - EPL 20942	is defined in R1.1 (of the EPL)
Application	Sea Dumping Permit Variation - 2015/3102	means the application for a permit under the Act submitted by DISRD and received by the Department on 9 October 2015 with further information received on 15 December 2015 and the variation application received on 28 November 2016
Approved Methods Publication	Environment Protection Licence - EPL 20942	the same meaning as in the <i>Protection of the Environment Operations (General) Regulation 2009</i>
CEMP	Infrastructure Approval - SS1 7734	Construction Environmental Management Plan
Completion of construction	Infrastructure Approval - SS1 7734	The date upon which all construction works and activities described in the EIS/Submissions Report are completed, all requirements of the Secretary (if any) have been met and the whole of the SSI has been constructed to the appropriate standard of operation
Consistency assessment	Infrastructure Approval - SS1 7734	An assessment of whether a proposed activity for the purpose of the SSI is consistent with the terms of this approval
Construction	Infrastructure Approval - SS1 7734	<p>Includes all physical work required to construct the SSI, other than the following low impact work:</p> <ul style="list-style-type: none"> <li>(a) survey works including carrying out general alignment survey, installing survey controls (including installation of global positioning system (GPS)), installing repeater stations, carrying out survey of existing and future utilities and building and road dilapidation surveys and hydrographic survey;</li> <li>(b) background and/or baseline monitoring works;</li> <li>(c) investigations including investigative drilling and excavation;</li> <li>(d) establishment of ancillary facilities in approved locations or in locations meeting the criteria identified in Condition A9 and Condition A11 of the Infrastructure Approval including constructing ancillary facility access roads and providing utilities to the facility;</li> <li>(e) operation of ancillary facilities if the ER has determined the operational activities will have minimal impact on the environment and community</li> <li>(f) minor clearing and relocation of native vegetation, as identified in the EIS/RTS;</li> <li>(g) installation of mitigation measures including erosion and sediment controls, temporary exclusion fencing for sensitive areas and acoustic treatments;</li> <li>(h) relocation and connection of utilities where the relocation or connection does not present a significant risk to the environment as determined by the ER;</li> <li>(i) archaeological testing under the <i>Code of practice for archaeological investigation of Aboriginal objects in NSW (DECCW, 2010)</i> or archaeological monitoring undertaken in association with (a)-(i) above to ensure that there is no impact on heritage items;</li> <li>(j) other activities determined by the ER to have minimal environmental impact which may include construction of minor access roads, temporary relocation of pedestrian and cycle paths and the provision of property access; and</li> <li>(k) maintenance of existing buildings and structures required to facilitate the carrying out of the SSI.</li> </ul> <p>However, where heritage items, or threatened species, populations or ecological communities (within the meaning of the EP&amp;A Act) are affected or potentially affected by any low impact work, that work is construction, unless otherwise determined by the Secretary in consultation with OEH or DPI Fisheries (in the case of impact upon fish, aquatic invertebrates or marine vegetation).</p>
Department (in relation to Infrastructure Approval conditions)	Infrastructure Approval - SS1 7734	NSW Department of Planning and Environment (DP&E)

Term	Source	Definition
Department (in relation to Sea Dumping Permit conditions)	Sea Dumping Permit Variation - 2015/3102	the Australian Government Department of the Environment and Energy (DoEE)
Department of Industry	Infrastructure Approval - SS1 7734	including NSW Department of Industry - Lands & Forestry
DECC	Infrastructure Approval - SS1 7734	Former NSW Department of Environment and Climate Change
DECCW	Infrastructure Approval - SS1 7734	Former NSW Department of Environment, Climate Change and Water
DGPS	Sea Dumping Permit Variation -2015/3102	Differential Global Positioning System
Disposal Site	Sea Dumping Permit Variation - 2015/3102	means the Twofold Bay, New South Wales disposal area bound by the coordinates shown in the Sea Dumping Permit
DISRD	Sea Dumping Permit Variation - 2015/3102	the applicant, Department of Industry, Skills and Regional Development
DPI	Infrastructure Approval - SS1 7734	NSW Department of Primary Industries including DPI Agriculture, DPI Biosecurity and Food Safety, DPI Water and DPI Fisheries
Dumping activities	Sea Dumping Permit Variation - 2015/3102	means all the activities associated with the dumping permitted under this permit, including (i) the loading for the purpose of dumping of dredged material; (ii) the dumping of the material at the prescribed disposal site
Eden Breakwater Wharf	EPBC Referral Decision - 2016/7828	The completed wharf as referred under reference EPBC2016-7828.
EIS	Infrastructure Approval - SS1 7734	The <i>Eden Breakwater Wharf Extension State Significant Infrastructure - Environmental Impact Statement</i> , dated 3 November 2016, submitted to the Secretary seeking approval to carry out the SSI and as revised if required by the Secretary under the EP&A Act
environment	Environment Protection Licence - EPL 20942	has the same meaning as in the <i>Protection of the Environment Operations Act 1997</i>
Environmental incident	Sea Dumping Permit Variation - 2015/3102	means any event which has the potential to, or does impact, on the environment
environment protection legislation	Environment Protection Licence - EPL 20942	has the same meaning as in the POEO Act
Environmental risk	Sea Dumping Permit Variation - 2015/3102	means any risk, which has the potential to, or does impact, on the environment
EPA	Environment Protection Licence - EPL 20942	Environment Protection Authority of New South Wales
EPBC Act	EPBC Referral Decision - 2016/7828	<i>Environment Protection and Biodiversity Conservation Act 1999</i> (Commonwealth)
EPBC Referral Decision	EPBC Referral Decision - 2016/7828	Decision on Referral (2016/7828) issued by the Assistant Secretary, Assessments and Sea Dumping Branch, Department of the Environment and Energy (as delegate of the Minister for the Environment and Energy)
EP&A Act	Infrastructure Approval - SS1 7734	<i>Environmental Planning and Assessment Act 1979</i> (NSW)
EPL	Infrastructure Approval - SS1 7734	Environment Protection Licence under the POEO Act
ER	Infrastructure Approval - SS1 7734	The Environmental Representative for the SSI
hazardous waste	Environment Protection Licence	the same meaning as in Part 3 of Schedule 1 of the <i>Protection of the Environment Operations Act 1997</i>
Heritage Item	Infrastructure Approval - SS1 7734	A place, building, work, relic, archaeological site, tree, moveable object or precinct of heritage significance, that is listed or may be eligible to be listed under one or more of the following registers: the State Heritage Register under the <i>Heritage Act 1977</i> (NSW), a state agency heritage and conservation register under section 170 of the <i>Heritage Act 1977</i> (NSW), a Local Environmental Plan under the EP&A Act, the World, National or Commonwealth Heritage lists under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> (Commonwealth), and an Aboriginal object or Aboriginal place as defined in section 5 of the <i>National Parks and Wildlife Act 1974</i> (NSW)
Highly noise affected	Infrastructure Approval - SS1 7734	As defined in the <i>Interim Construction Noise Guideline</i>

Term	Source	Definition
Incident	Infrastructure Approval - SS1 7734	An occurrence or set of circumstances that:
	Infrastructure Approval - SS1 7734	<ul style="list-style-type: none"> <li>causes, or threatens to cause, material harm to the environment, community or any member of the community, being actual or potential harm to the health or safety of human beings or to threatened species, endangered ecological communities or ecosystems that is not trivial; or</li> </ul>
	Infrastructure Approval - SS1 7734	<ul style="list-style-type: none"> <li>results in non-compliance with the Infrastructure Approval</li> </ul>
Infrastructure Approval	Infrastructure Approval - SS1 7734	Infrastructure Approval (SSI 7734) dated 5 July 2017 issued by the Executive Director, Priority Projects Assessment, Department of Planning and Environment (as delegate of the Minister for Planning) under Section 115ZB of the <i>Environmental Planning and Assessment Act 1979</i>
Land	Infrastructure Approval - SS1 7734	Has the same meaning as in the EP&A Act
Landowner	Infrastructure Approval - SS1 7734	Has the same meaning as "owner" in the <i>Local Government Act 1993</i> and in relation to a building means the owner of the building
Marine Mammal Observers	EPBC Referral Decision - 2016/7828	Trained marine mammal observer, with demonstrated experience in the identification and management of whales and to undertake the observation of whales during piling and re-strike testing
Marine Species	Sea Dumping Permit Variation - 2015/3102	all whales, dolphins and marine turtles listed under the <i>Environment Protection and Biodiversity Conservation Act 1999</i>
Minister (in relation to Infrastructure Approval conditions)	Infrastructure Approval - SS1 7734	NSW Minister for Planning
Minister (in relation to Sea Dumping Permit conditions)	Sea Dumping Permit Variation - 2015/3102	the Australian Government Minister administering the <i>Environment Protection (Sea Dumping) Act 1981</i> and includes a delegate of the Minister
Minister (in relation to the EPL)	Environment Protection Licence - EPL 20942	the Minister administering the <i>Protection of the Environment Operations Act 1997</i>
Minor Ancillary Facilities	Infrastructure Approval - SS1 7734	Facilities such as lunch sheds, office sheds and portable toilets
Monitoring zone	Sea Dumping Permit Variation - 2015/3102	the area within a 300 metre radius of the vessel
NO2	Infrastructure Approval - SS1 7734	Nitrogen dioxide
NSW Heritage Council	Infrastructure Approval - SS1 7734	Heritage Council of NSW
Observation Zone	EPBC Referral Decision - 2016/7828	During September, October and November a horizontal radius determined from the piling equipment of 2.2 kilometers During January, February, March, April, May, June, July, August and December a horizontal radius determined from the piling equipment of 1.5 kilometers
OEH	Infrastructure Approval - SS1 7734	NSW Office of Environment and Heritage
OEMP	Infrastructure Approval - SS1 7734	Operational Environmental Management Plan
Offensive noise	Infrastructure Approval - SS1 7734	Has the same meaning as the POEO Act
Offensive odour	Infrastructure Approval - SS1 7734	Has the same meaning as the POEO Act
Operation	Infrastructure Approval - SS1 7734	The operation of the SSI (whether in full or in part) for its intended purpose, excluding the following activities carried out during construction: <ul style="list-style-type: none"> <li>commissioning trials of equipment;</li> <li>temporary use of any part of the SSI; and</li> <li>maintenance works</li> </ul>
PER/HAS	CEMP, Rev 3	Project Environmental Representative and Health and Safety Advisor
POEO Act	Infrastructure Approval - SS1 7734	<i>Protection of the Environment Operations Act 1997</i> (NSW)
Ports NSW	Infrastructure Approval - SS1 7734	Port Authority of NSW
Pre-start Observation	EPBC Referral Decision - 2016/7828	As described by particular manner 1a of the EPBC Referral Decision

Term	Source	Definition
Piling	EPBC Referral Decision - 2016/7828	Any impact driving and/or vibro-driving
Principal	N/A	NSW Department of Industry - Lands & Forestry
Proponent (in relation to Infrastructure Approval conditions)	Infrastructure Approval - SS1 7734	The person identified as such in Schedule 1 of the Infrastructure Approval and any other person carrying out any part of the SSI from time to time
Proponent (in relation to Harbour Master Approval conditions)	Harbour Master Approval	the NSW Department of Industry - Lands and Forestry, inclusive of any agents, contractors, consultants or persons acting on the Proponents behalf
Proposed Mitigation Measures	Infrastructure Approval - SS1 7734	As detailed in the Response to Submissions Report Eden Breakwater Wharf Extension, dated 24 February 2017
Relevant Maritime Authority	Infrastructure Approval - SS1 7734	Harbour Master or authorised officer as defined in the <i>Marine Safety Act 1998</i> , or authorised officer or inspector under the Marine Pollution Act 2012.
reporting period	Environment Protection Licence - EPL 20942	the period of 12 months after the issue of the licence (EPL), and each subsequent period of 12 months. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
Re-strike testing	EPBC Referral Decision - 2016/7828	testing of an installed pile to confirm that the pile has been installed to the appropriate engineering standards
Secretary	Infrastructure Approval - SS1 7734	Secretary of the NSW Department of Planning and Environment (DP&E)
Sensitive Receiver	Infrastructure Approval - SS1 7734	Includes residences, educational institutions (including preschools, schools, universities, TAFE colleges), health care facilities (including nursing homes, hospitals) religious facilities (including churches), child care centres, passive recreation areas (including outdoor grounds used for teaching), active recreation areas (including parks and sports grounds), commercial premises (including film and television studios, research facilities, entertainment spaces, temporary accommodation such as caravan parks and camping grounds, restaurants, office premises, retail spaces and industrial premises), and others as identified by the Secretary
SDP	N/A	Sea Dumping Permit (Variation - 2015/3102)
Shut-down zone	EPBC Referral Decision - 2016/7828	During September, October and November a horizontal radius determined from the piling equipment of 1.3 kilometers During January, February, March, April, May, June, July, August and December a horizontal radius determined from the piling equipment of 1 kilometer
Soft-start procedure	EPBC Referral Decision - 2016/7828	As described by particular manner 1b of the EPBC Referral Decision
Standby	EPBC Referral Decision - 2016/7828	advise piling contractors to the presence of whales and to prepare to shutdown piling, if necessary
Submissions Report	Infrastructure Approval - SS1 7734	<i>Response to Submissions Report Eden Breakwater Wharf Extension</i> , dated 24 February 2017, including the Summary of Proposed Mitigation Measures
Suitable speed	EPBC Referral Decision - 2016/7828	10 knots or less, except in circumstances where the Port Harbour Master (or their Delegate) or a Pilot considers that a higher speed is necessary to maintain safe navigation in the Port
SSI	Infrastructure Approval - SS1 7734	The State Significant Infrastructure, as generally described in Schedule 1 (SSI 7734), the carrying out of which is approved under the terms of the Infrastructure Approval
Threatened Flora and Fauna	Infrastructure Approval - SS1 7734	Threatened species, populations and ecological communities listed under the NSW Threatened Species Conservation Act 1995, NSW Fisheries Management Act 1994 and Commonwealth Environment Protection Biodiversity Conservation Act 1999
TSS	Environment Protection Licence - EPL 20942	Total suspended solids
Unexpected find	Infrastructure Approval - SS1 7734	Any unexpected find that has consequences for the project and/or requires further assessment including unexpected services, contaminated soil or sediments, threatened or thought to be extinct flora and fauna species and heritage items
Unexpected heritage find	Infrastructure Approval - SS1 7734	An unexpected heritage find is a potential heritage item that is discovered (usually during construction), where further assessment is required to determine if the item has heritage significance, or is an Aboriginal object, and the Proponent does not have approval to impact the item or object. unexpected heritage finds do not include human remains which are dealt with separately.
waste	Environment Protection Licence - EPL 20942	has the same meaning as in the Protection of the Environment Operations Act 1997
waste type	Environment Protection Licence - EPL 20942	means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non-putrescible), special waste or hazardous waste
Whales	EPBC Referral Decision - 2016/7828	species listed under the Environment Protection Biodiversity Conservation Act 1999 (EPBC Act)

### 3. Compliance Tracking Procedure



NOTE: This procedure does not supersede the requirements for incident notification requirements under any legislation, particularly those under the *POEO Act 1997*. Emergency response procedures will be developed by each contractor and contractors working under an Environment Protection Licence are also required to prepare and implement a Pollution Incident Response Plan in accordance with the requirements of the *POEO Act 1997*.







ID	Condition Source					Condition Details	Actions Required								Reference Document	Notes	STAGE 1: DREDGING CONTRACT Status			STAGE 2: MARINE STRUCTURES CONTRACT Status						
	ID	Type	Name	Document # / Reference	Revision		Date	Environmental Aspect	Action Required?	Action detail	Deliverable	Responsibility (Primary /Secondary)	Pre-construction	Construction			Post-construction	Timing	Reference Documents / Document #	Notes	Upcoming, Open, Overdue, Closed	Comments	Date	Upcoming, Open, Overdue, Closed	Comments	Date
43	Conditions	Infrastructure Approval	A6	-	5/07/2017	Without limitation, all strategies, plans, programs, reviews, audits, report recommendations, protocols and other documents must be implemented in accordance with all requirements issued by the Secretary from time to time in respect of them.	Approval	Yes	Action to be undertaken in accordance with all requirements of the Secretary	N/A	Principal						All activities									
44	Conditions	Infrastructure Approval	A7	-	5/07/2017	Where the terms of this approval require consultation with identified parties, details of the consultation undertaken, matters raised by the parties, and how the matters were considered must accompany the strategies, plans, programs, reviews, audits, protocols and the like submitted to the Secretary.	Approval	Yes	Incorporate requirement into CEMP and all sub-plans as necessary	Appendix detailing consultation and reference where detail enacted	Principal/Advisian	X	X			Pre-construction - all activities										
45	Conditions	Infrastructure Approval	A8	-	5/07/2017	This approval lapses five years after the date on which it is granted, unless Construction of the SSI has commenced on or before that date.	Approval	No	To note	N/A	Principal		X			N/A										
46	Conditions	Infrastructure Approval	A9	-	5/07/2017	Ancillary facilities that are not identified by description and location in the EIS/Submissions Report must not be constructed unless they satisfy the following criteria: (a) the Ancillary Facility is development of a type that would, if it were not for the purpose of the SSI, otherwise be exempt or complying development; or (b) the Ancillary Facility is located as follows: i. at least 50 metres from any waterway unless an erosion and sediment control plan is prepared and implemented so as not to affect water quality in the waterway in accordance with Managing Urban Stormwater: Soils and Construction (4th ed.) (Landcom, 2004); ii. within or adjacent to land upon which the SSI is being carried out; iii. with ready access to a road network; iv. on level land; v. so as to be in accordance with the Interim Construction Noise Guideline (DECC 2009) or as otherwise agreed in writing with affected landowners and occupiers; vi. so as not to require vegetation clearing beyond the extent of clearing approved under other terms of this approval except as approved by the ER as minor clearing; vii. so as not to have any impact on heritage items (including areas of archaeological sensitivity) viii. so as not to affect lawful uses of adjacent properties that are being carried out at the date upon which establishment of the Ancillary Facility is to commence; ix. to enable use of the ancillary facility during flood/oceanic inundation events and to avoid or minimise, to the greatest extent practicable, adverse flood impacts on the surrounding environment and other properties and infrastructure; and x. so as to have sufficient area for the storage of materials to minimise, to the greatest extent practicable, the number of deliveries required outside standard construction hours.	Approval	No	To note.	N/A	Principal/Advisian	X	X			All activities										
47	Conditions	Infrastructure Approval	A10	-	5/07/2017	Prior to establishment of any ancillary facility that satisfies the criteria in Condition A9, the Proponent must update the CEMP required under Condition C1 to include the ancillary facility and any additional environmental management measures.	Approval	Yes	Where ancillary facilities are constructed under A9, the CEMP must be updated	CEMP and any Sub-Plans	Principal/Advisian	X	X			All activities - as required	301311-13734-EN-REP-0004									
48	Conditions	Infrastructure Approval	A11	-	5/07/2017	Minor ancillary facilities comprising lunch sheds, office sheds, and portable toilet facilities, that are not identified in the EIS/Submissions Report and which do not satisfy the criteria set out in Condition A9 of this approval must satisfy the following criteria: (a) have no greater environmental and amenity impacts than those that can be managed through the implementation of environmental measures detailed in the CEMP required under Condition C1 of this approval; and (b) have been assessed by the ER to have: i. minimal amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the Interim Construction Noise Guideline (DECC 2009), traffic and access impacts, dust and odour impacts, and visual (including light spill) impacts; ii. minimal environmental impact with respect to waste management and flooding; and iii. no impacts on biodiversity, soil and water, and heritage items beyond those already approved under other terms of this approval.	Approval	Yes	To note.	N/A	Principal/Advisian	X	X			All activities										
49	Conditions	Infrastructure Approval	A12	-	5/07/2017	Boundary screening must be erected around all Ancillary Facilities (including Minor Ancillary Facilities) that are adjacent to sensitive receivers for the duration of construction unless otherwise agreed with Council, and affected residents, business operators or landowners.	Noise	Yes	Erection of boundary screens around ancillary facilities adjacent to sensitive receptors	N/A	Construction Contractors	X				Pre-construction		Affected receivers and BVSC have been communicated with and correspondence forwarded to the ER on 10/8/17 for consideration								
50	Conditions	Infrastructure Approval	A13	-	5/07/2017	Boundary screening required under Condition A12 of this approval must minimise visual, noise and air quality impacts on adjacent sensitive receivers.	Noise	Yes	To note.	Boundary Screening	Advisian/Construction contractors	X				Pre-construction		Affected receivers and BVSC have been communicated with and correspondence forwarded to the ER on 10/8/17 for consideration								
51	Conditions	Infrastructure Approval	A14	-	5/07/2017	A suitably qualified and experienced ER who is independent of the construction personnel must be nominated by the Proponent, approved by the Secretary and engaged for the duration of construction of the SSI. Additional ERs may be engaged for the purpose of this condition, in which case the obligations to be carried out by an ER under the terms of this approval may be satisfied by any ER that is approved by the Secretary. The details of nominated ER(s) must be submitted to the Secretary for approval no later than one month prior to the commencement of works, or within another timeframe agreed with the Secretary.	Approval	Yes	Appointment of ER; submission of nomination	Letter of nomination	Advisian	X				All activities - at least 1 month prior to construction										
52	Conditions	Infrastructure Approval	A15	-	5/07/2017	Works must not commence until an ER nominated under Condition A14 of this approval has been approved by the Secretary.	Approval	No	To note.	Approval letter from Secretary	Advisian	X				All activities - approval prior to construction										
53	Conditions	Infrastructure Approval	A16	-	5/07/2017	From commencement or construction until completion or construction, the approved ER must: (a) on behalf of the Proponent, receive and respond to communication from the Secretary in relation to the environmental performance of the SSI; (b) consider and inform the Secretary on matters specified in the terms of this approval; (c) consider and recommend any improvements that may be made to work practices to avoid or minimise adverse impact to the environment and to the community; (d) review all documents required to be prepared under the terms of this approval, ensure they are consistent with requirements in or under this approval and if so, endorse them prior to submission to the Secretary (if required to be submitted to the Secretary) or prior to implementation (if not required to be submitted to the Secretary); (e) regularly monitor the implementation of all documents required to be prepared under the terms of this approval to ensure implementation is being carried out in accordance with what is stated in the document and the terms of this approval; (f) notify the Secretary of an incident in accordance with Condition A33 of this approval; (g) as may be requested by the Secretary, help plan, attend or undertake Department audits of the SSI including scoping audits, programming audits, briefings, and site visits, but not audits required under Condition A24 of this approval; (h) if conflict arises between the Proponent's construction contractor and the community in relation to the environmental performance of the SSI, follow the procedure in the Community Communication Strategy approved under Condition B4 of this approval to attempt to resolve the conflict, and if it cannot be resolved, notify the Secretary; (i) review any draft consistency assessment that may be carried out by the Proponent, provide advice to the Proponent on whether the work that is the subject of the draft consistency assessment is consistent with the terms of this approval and provide advice on any additional mitigation measures required to minimise the impact of the work; (j) consider any minor amendments to be made to the CEMP, CEMP Sub-plans and monitoring programs that comprise updating or are of an administrative nature, and are consistent with the terms of this approval and the CEMP, CEMP Sub-plans and Monitoring Programs approved by the Secretary and, if	Approval	Yes	As per condition		ER	X	X			All activities - during construction										
54	Conditions	Infrastructure Approval	A17	-	5/07/2017	Construction and Operation Compliance Tracking Programs to monitor compliance with the terms of this approval must be prepared. This Construction Compliance Tracking Program must be endorsed by the ER and then submitted to the Secretary for approval no later than one month prior to the commencement of construction or within another timeframe agreed with the Secretary. The Operation Compliance Tracking Program must be submitted to the Secretary for approval no later than one month prior to commencement of operation or within another timeframe agreed with the Secretary.	Approval	Yes	Compliance Tracking Programs	Compliance Tracking Program	Advisian/ER	X				One month before Construction	This program	Draft submitted by SMJ 19/07/17 Comments from DP&E rec'd 2/8/17								
55	Conditions	Infrastructure Approval	A18	-	5/07/2017	The Construction and Operation Compliance Tracking Program must be implemented for the duration of Construction and Operation, or within another timeframe agreed with the Secretary based on the outcomes of independent audits, Environmental Representative Reports and regular compliance reviews submitted through Compliance Reports.	Approval	No	To note	N/A	Advisian/ER		X			All activities	This program	Live document, which shall be reviewed and revised as relevant and at least weekly								
56	Conditions	Infrastructure Approval	A19	-	5/07/2017	A Pre-Construction Compliance Report and Pre-Operation Compliance Report must be prepared and submitted to the Secretary for information no later than one month prior to the commencement of construction and operation respectively or within another timeframe agreed with the Secretary.	Approval	Compliance Report	Compliance Reports	Pre-Construction Compliance Report and Pre-Operation Compliance Report	Advisian/ER	X				One month before Construction	Pre-construction: 301311-13734-EN-REP-0011									
57	Conditions	Infrastructure Approval	A20	-	5/07/2017	Construction and Operation must not commence until the Pre-Construction Compliance Report and Pre-Operation Compliance Report respectively have been submitted to the Secretary.	Approval	Yes	Submission of Compliance Reports to Secretary	Submission Email to the Secretary	Principal/Advisian	X				One month before Construction and Operation	301311-13734-EN-REP-0011									
58	Conditions	Infrastructure Approval	A21	-	5/07/2017	Construction and Operation Compliance Reports must be prepared and submitted to the Secretary for information every six months from the date of the commencement of construction or within another timeframe agreed with the Secretary.	Approval	Yes	Compliance Reports	Construction Compliance Reports	Principal/Advisian		X			Every 6 months from the date of commencement of construction	Construction Report #1: 301311-13734-EN-REP-0013	First construction report due approximately February 2018								













ID	Condition Source					Condition Details	Actions Required								Reference Document	Notes	STAGE 1: DREDGING CONTRACT Status			STAGE 2: MARINE STRUCTURES CONTRACT Status						
	ID	Type	Name	Document # / Reference	Revision		Date	Environmental Aspect	Action Required?	Action detail	Deliverable	Responsibility (Primary /Secondary)	Pre-construction	Construction			Post-construction	Timing	Reference Documents / Document #	Notes	Upcoming, Open, Overdue, Closed	Comments	Date	Upcoming, Open, Overdue, Closed	Comments	Date
181	Mitigation Measure	Submissions Report	2.02	-	Feb-17	Best practice hull cleaning procedures (where required) to be followed (e.g. Department of Agriculture, Fisheries and Forestry Anti-fouling and In-water Cleaning Guidelines, 2013).	Water Quality	Yes	As per condition	N/A IMS inspection report as relevant	Construction contractors	X	X		Hull cleaning											
182	Mitigation Measure	Submissions Report	2.03	-	Feb-17	Appropriate general waste handling and disposal processes in contractor's policies and procedures	Waste	Yes	As per condition	Waste Management Plan/Procedure	Construction contractors	X			Pre-construction	Dredge contractor: DI-DPI-16-522_PLAN-ENV-003										
183	Mitigation Measure	Submissions Report	3.01	-	Feb-17	To minimise damage to sensitive marine habitats (seagrass and subtidal rocky reef) in the immediate construction area, Snag Cove and Cattle Bay, all construction vessels must avoid anchoring over areas of sensitive habitat including mapped seagrass beds and areas of subtidal rocky reef. Vessels must only anchor (except in the case of emergencies) in areas marked as a dedicated mooring zone for construction vessels on Figure 5-4 of the EIS	Aquatic Ecology	Yes	As per condition	N/A	Principal/Construction contractors		X		Mooring vessels	301020-07698-MA-DWG-4004_0	Mooring zone also shown in drawing listed in column O									
184	Mitigation Measure	Submissions Report	3.02	-	Feb-17	To minimise unnecessary damage to marine habitats Contractor(s) must limit any unnecessary/temporary construction (i.e. through selection of the most appropriate construction methods) and limit any anchoring which is required by vessels. Any temporary barge/platform structures along the breakwater must be positioned so as to minimise physical disturbance of macroalgae.	Aquatic Ecology	Yes	As per condition	N/A	Construction contractors		X		Vessel anchoring											
185	Mitigation Measure	Submissions Report	3.03	-	Feb-17	All construction works must be undertaken by suitably qualified and experienced Contractor(s) to reduce the risk of error and accidental environmental damage.	Aquatic Ecology	Yes	As per condition	N/A	Principal / Construction contractors		X		All activities											
186	Mitigation Measure	Submissions Report	3.04	-	Feb-17	To reduce the potential impacts of water quality on marine habitats during construction and operation, all mitigation measures outlined in Section 9.1 (Water Quality) of the main EIS must be adopted.	Aquatic Ecology	Yes	As per condition	Water Quality CEMP Sub-plan	Principal/Construction contractors		X		All activities	Dredging contractor: DI-DPI-16-PLAN-ENV_006	These measures have been included in this program, and subsequently do not need to be tracked here.									
187	Mitigation Measure	Submissions Report	3.05	-	Feb-17	To reduce the potential impacts of sediment quality on marine habitats during construction and operation all mitigation measures outlined in Section 9.2 (Sediment Quality) of the main EIS must be adopted	Aquatic Ecology	Yes	As per condition	Contractor EMP	Construction contractors		X		All activities	Dredging contractor: DI-DPI-16-522_PLAN-ENV-001	These measures have been included in this program, and subsequently do not need to be tracked here.									
188	Mitigation Measure	Submissions Report	3.06	-	Feb-17	To enhance the potential for contractors to be able to assist in the protection of marine habitats (especially seagrass, macroalgae and rocky reef areas) in the study area, all contractors, in particular skippers, must be made aware of the areas of sensitive habitat within the study area and of the potential impacts that construction works may have on these areas	Aquatic Ecology	Yes	As per condition	Induction records	Construction contractors	X	X		Prior to personnel commencing work onsite											
189	Mitigation Measure	Submissions Report	3.07	-	Feb-17	A turbidity curtain with a minimum drop of 4m must be used locally around the perimeter of pile drilling works to limit the spread of plumes generated by drilling activities. Drilling spoil and cuttings must be deposited at seabed level within the footprint of the new wharf and contained within the turbidity curtain	Aquatic Ecology	Yes	As per condition	N/A	Marine Structures Contractor		X		Piling activities											
190	Mitigation Measure	Submissions Report	3.08	-	Feb-17	Monitoring of water quality (particularly turbidity) during dredging should be undertaken and dredging operations ceased if levels of suspended sediment become higher than trigger values developed for the Project.	Aquatic Ecology	Yes	As per condition	Water Quality CEMP Sub-plan	Dredging Contractor		X		During dredging	DI-DPI-16-PLAN-ENV_006										
191	Mitigation Measure	Submissions Report	3.09	-	Feb-17	Due to the nature of the Project there is no way to mitigate the direct impact of dredging on soft sediment habitats within the dredge area.	Aquatic Ecology	No	To note.	N/A	N/A				N/A											
192	Mitigation Measure	Submissions Report	3.1	-	Feb-17	Post construction surveys of marine vegetation (i.e. seagrass and macroalgae) should be undertaken to determine the degree of damage and recovery of benthic habitats in the study area.	Aquatic Ecology	Yes	As per condition	Post construction survey	Principal			X	Post-construction											
193	Mitigation Measure	Submissions Report	3.11	-	Feb-17	To minimise damage to marine habitats in the study area which may be used by marine fauna, all measures listed under 'Marine Habitats and Flora' above to protect marine habitats must be adopted.	Aquatic Ecology	Yes	N/A	N/A	Principal / Construction contractors		X		All activities	301311-13734-EN-REP-0004	As per Section Section 6.2 of the CEMP									
194	Mitigation Measure	Submissions Report	3.12	-	Feb-17	To reduce potential water quality impacts on marine fauna during construction and operation all measures listed in Section 9.1 of the main EIS (Water Quality) must be adopted.	Aquatic Ecology	Yes	As per condition	Water Quality CEMP Sub-plan	Construction contractors		X		All activities	DI-DPI-16-PLAN-ENV_006	Measures from Section 9.1 of the main EIS (Water Quality) are contained within Section 6.1 of the CEMP and are implemented as part of the CEMP and construction contractors Water Quality CEMP Sub-plan. These measures have been included in this program, and subsequently do not need to be tracked here.									
195	Mitigation Measure	Submissions Report	3.13	-	Feb-17	To reduce potential sediment quality impacts on marine fauna during construction and operation all measures listed in Section 9.2 of the main EIS (Sediment Quality) must be adopted.	Aquatic Ecology	Yes	As per condition	Contractor EMP	Construction contractors		X		All activities	Dredging contractor: DI-DPI-16-522_PLAN-ENV-001	Measures from 9.2 of the main EIS (Sediment Quality) are contained within Section 6.1 of the CEMP and are implemented as part of the CEMP and construction contractors EMP. These measures have been included in this program, and subsequently do not need to be tracked here.									
196	Mitigation Measure	Submissions Report	3.14	-	Feb-17	To reduce the potential impacts of marine debris on marine fauna, waste associated with construction and operation must be managed as per Section 9.18 of the main EIS (Waste Management). In addition, all ships at sea must adhere with the amendments to the International Maritime Organisation's (IMO's) International Convention for the Prevention of Pollution from Ships (Marine Pollution: MARPOL) Annex V which came into force on 1 January 2013. The amendments prohibit the discharge of all garbage from ships into the sea (except under very specific circumstances). This reverses the presumption that garbage may be discharged into the sea based on defined distances from shore and the nature of the garbage. The amendments also list requirements for garbage management plans on ships and port reception facilities for receiving waste. MARPOL is implemented in Australia through the Protection of the Sea (Prevention of Pollution from Ships) Act 1983.	Aquatic Ecology	Yes	As per condition	Aquatic Ecology CEMP Sub-plan	Construction contractors			X		All activities	DI-DPI-16-522_PLAN-ENV-003	Measures from 9.18 of the main EIS are contained within Section 6.8 of the CEMP and are implemented as part of the construction contractors Waste Management Plan. These measures have been included in this program, and subsequently do not need to be tracked here.								
197	Mitigation Measure	Submissions Report	3.15	-	Feb-17	To reduce the potential for lighting related impacts on marine fauna the following measures should be adopted: - Limit the need for construction activities to be undertaken during the evening and night time to reduce the overall need for construction related artificial lighting (on vessels and on the land portion of the site) and associated impacts.	Aquatic Ecology	Yes	As per condition	N/A	Principal / Construction contractors			X	All activities (night time)											
198	Mitigation Measure	Submissions Report	3.16	-	Feb-17	If possible, the risk of overnight cable strike can be minimised by placing floating plant on a swing mooring, where space permits and it is deemed safe to do so by the vessel Master, rather than leaving plant in a fixed mooring configuration as the reliance on a single swing mooring line will minimise cable oscillation.	Aquatic Ecology	Yes	As per condition	N/A	Construction contractors		X		All activities (night time)											
199	Mitigation Measure	Submissions Report	3.17	-	Feb-17	The risk of vessel strike during construction and operation may be reduced through the adoption of: - all vessels associated with dredging and construction will travel at speeds no higher than 10 knots within the port limits, en-route to, or at the disposal ground. - vessels must maintain a 300m exclusion zone with all whales en-route to and from the disposal ground and within the disposal ground. - Education of all personnel. - Active management such as daily information exchange on known marine mammal activity (e.g. via local residents, commercial fishers, mussel farmers, NPWS whale watch and Cat Balou Cruises). - Awareness of the presence of marine fauna in the local waterway by vessel operators so that they can adopt appropriate speeds and clearance when cetaceans are nearby - Variable or zoned (time and place) speed limits during the operation phase, particularly in relation to Southern right whales and humpback whale feeding aggregations and during peak marine mammal visitation periods within Twofold Bay	Aquatic Ecology	Yes	As per condition	Induction records Aquatic Ecology CEMP Sub-plan	Construction contractors			X		All activities										
200	Mitigation Measure	Submissions Report	3.18	-	Feb-17	To reduce the potential for noise impacts on marine fauna (specifically marine mammals) the Piling Operation Procedures outlined in the EPBC Act Referral must be followed: Piling Operation Procedures: a) Pre-start Observation: Marine mammal observers must visually monitor observation and shut-down zones for whales for a minimum of 30 minutes before the commencement of piling. b) Soft Start Procedure: If after the 30 minute pre-start observation no whale/s have been spotted within the observation or shutdown zone a soft start procedure may commence with a gradual increase in piling impact energy of no more than 50% of full impact energy for 10 minutes. The soft start procedure must be implemented after breaks in piling driving of 30 minutes or more. c) Stand by procedure: If a whale is spotted within the observation zone during the soft start procedure the operator of the piling equipment must be placed on standby to shut-down the piling rig and a trained crew member should continuously monitor the whale/s in sight at all times. d) Normal Piling Procedure: If no whale/s has been sighted during the soft-start procedure full impact piling may commence. Contractor(s) must make reference to EPBC Act Referral for specific details.	Aquatic Ecology	Yes	As per condition	Piling procedure records / MMO records or equivalent	Marine Structures Contractor			X			During piling		As per ID#4. Will not track twice in Compliance Tracking Program							



ID	Condition Source					Condition Details	Actions Required								Reference Document	Notes	STAGE 1: DREDGING CONTRACT Status			STAGE 2: MARINE STRUCTURES CONTRACT Status						
	ID	Type	Name	Document # / Reference	Revision		Date	Environmental Aspect	Action Required?	Action detail	Deliverable	Responsibility (Primary /Secondary)	Pre-construction	Construction			Post-construction	Timing	Reference Documents / Document #	Notes	Upcoming, Open, Overdue, Closed	Comments	Date	Upcoming, Open, Overdue, Closed	Comments	Date
201	Mitigation Measure	Submissions Report	3.19	-	Feb-17	To reduce the potential for noise impacts on marine fauna (specifically marine mammals) the following Shut-Down requirements outlined in the EPBC Act Referral must be followed: Shut-Down requirements: a) If visibility is poor and the marine mammal observer is unable to clearly identify objects to the full observation zone distance, a vessel or aircraft search must be conducted or the action postponed until visibility has improved. b) Piling is not permitted between 6.00 pm and 7.00 am. c) If any whales are spotted within the shut-down zone, piling must cease immediately or as soon as safe to do so until the whale/s has moved outside of the shutdown zone. d) All piling must cease for a minimum of 1 hour after the last sighting of a whale within the observation zone. Piling must recommence at the pre-start observation after the 1 hour shutdown has elapsed. Contractor(s) must make reference to EPBC Act Referral for specific details.	Aquatic Ecology	Yes	As per condition	Piling procedure records / MMO records or equivalent	Marine Structures Contractor		X			During piling		As per ID#6. Will not track twice in Compliance Tracking Program								
202	Mitigation Measure	Submissions Report	3.2	-	Feb-17	Methods on how to deter seals and sea lions from damaging property have been published by the National Oceanic and Atmospheric Administration (NOAA 2015). These methods include: - Barriers and exclusion devices (e.g. fencing, posts, bull rails, electric fencing, netting, swim step protectors). - Visual repellents (e.g. flags, flashing lights / strobes, balloons, human attendants). - Noise makers (e.g. horns, whistles or bells, electronic acoustic devices, clapping, banging). - Physical contact (e.g. water hoses, poles, sprinklers or sprayers). The potential impacts and possible deterrents to stop Fur Seals from utilising the end of the breakwater during construction were discussed with experts in the field of marine mammals from the Merimbla NPWS (Craig Dickman), DPI-Fisheries, Eden (Matthew Proctor), Macquarie University (Rob Hartzour) and ORRCA (Organisation for the Rescue and Research of Cetaceans in Australia). All experts advised that seals will move away from the area during construction and remain at distance from any activities occurring at the end of the breakwater whilst construction is occurring. Any attempt to deter seals using barriers, visual and noise deterrents and physical are more likely to cause impacts to the seals than the development itself. Based on this advice no removal or deterrence of fur seals from the breakwater or construction area should be undertaken as a mitigation measure.	Aquatic Ecology	Yes	no removal or deterrence of fur seals from the breakwater or construction area should be undertaken	N/A	Construction contractors			X			All activities	Aquatic Ecology CEMP Sub-plan: 301311-13734-EN-REP-0010								
203	Mitigation Measure	Submissions Report	3.21	-	Feb-17	All injured marine mammals should be immediately reported to the ORRCA 24 hour hotline on 02 9415 3333 or NPWS on 1300 361 967. The ORRCA telephone hotline is staffed by volunteers and keeps ORRCA members, Government Authorities and interested members of the public informed of marine mammal emergencies, incidents and sightings. ORRCA representatives will quickly mobilise to site and attempt to capture and treat the stricken animal. Depending upon the location of the animal and the circumstances that surround the injury, breakwater construction activities may need to cease or be altered to enable the rescue of the animal.	Aquatic Ecology	Yes	As per condition	Incident records	Construction contractors		X			As required										
204	Mitigation Measure	Submissions Report	3.22	-	Feb-17	There is no way to mitigate the direct impacts of dredging on benthic marine infauna within the dredge footprint as these organisms will be directly removed via dredging activities.	Aquatic Ecology	No	To note	N/A	N/A				N/A											
205	Mitigation Measure	Submissions Report	3.23	-	Feb-17	There is no way to mitigate the impacts on smothering of benthic infauna at the disposal site from dredge material disposal. However, given that the sediment which will be disposed of consists mainly of sand, recolonization of the disposal area following disposal is expected to occur over time.	Aquatic Ecology	No	To note	N/A	N/A				N/A											
206	Mitigation Measure	Submissions Report	3.24	-	Feb-17	The four goals of the NSW Invasive Species Plan 2008 – 2015 (NSW DPI 2008) must be adopted for the Project: 1. Exclude – i.e. prevent the establishment of new invasive species. The challenge is to identify species, thoroughly assess potential invasiveness and implement effective barriers to prevent their establishment. 2. Eradicate or Contain – i.e. eliminate or prevent the spread of new invasive species. The challenge is to develop and deploy effective and efficient ways to eradicate or contain an introduced species before it becomes widespread. 3. Effectively Manage – i.e. reduce the impacts of widespread invasive species. The challenge is to manage or control of species to reduce their impact where benefits are greatest. 4. Capacity – i.e. ensure NSW has the ability and commitment to manage invasive species. The challenge is for NSW to have the knowledge, skills, resources and systems to address the impacts of invasive species.	Aquatic Ecology	Yes	As per condition	Aquatic Ecology CEMP Sub-plan IMS inspection records where relevant	Principal/Construction contractors			X				All activities	301311-13734-EN-REP-0010							
207	Mitigation Measure	Submissions Report	3.25	-	Feb-17	All Contractor(s) must undertake a Vessel Risk Assessment (VRA) for each vessel prior to mobilisation of the vessel to site. The VRA may be undertaken by the vessel owner/operator. All vessels, floating plant and dredge equipment mobilised to site from any place inside or outside of Australia shall be subject to a VRA. The VRA will determine if an Invasive Marine Species inspection (IMS) is required. The Contractor(s) must provide the completed VRA to the Principal at least four weeks prior to the vessel leaving the departure port.	Aquatic Ecology	Yes	As per condition	Vessel Risk Assessment or equivalent	Construction contractors		X			All activities		Relevant for all vessels								
208	Mitigation Measure	Submissions Report	3.26	-	Feb-17	The Contractor(s) must undertake an Invasive Marine Species (IMS) inspection of all vessels assessed in the VRA as uncertain or high risk for introduction of invasive marine species. Any construction vessels mobilised from outside of Australia shall be considered high risk and an IMS inspection must be carried out.	Aquatic Ecology	Yes	As per condition	IMS inspection records	Construction contractors	X			prior to mobilisation											
209	Mitigation Measure	Submissions Report	3.27	-	Feb-17	The IMS inspection must be undertaken by an appropriately qualified practitioner with experience in biosecurity of marine vessels. The Contractor(s) is responsible for arranging the IMS inspection and attendance of DPI-Fisheries.	Aquatic Ecology	Yes	As per condition	IMS inspection records	Construction contractors	X			prior to mobilisation											
210	Mitigation Measure	Submissions Report	3.28	-	Feb-17	The Contractor(s) must provide the completed IMS report to the Principal at least seven days prior to the vessel leaving the departure port.	Aquatic Ecology	Yes	As per condition	IMS inspection records	Construction contractors	X			prior to mobilisation											
211	Mitigation Measure	Submissions Report	3.29	-	Feb-17	Where IMS inspections identify significant amounts of sediment and/or the presence of an invasive marine species (as deemed by the IMS inspector) the vessel must be dry docked and cleaned prior to entering the site. The Contractor(s) must then resubmit the VRA and if the vessel is classified as low risk it shall be permitted to sail to site and begin operations.	Aquatic Ecology	Yes	As per condition	IMS inspection records	Construction contractors	X			prior to mobilisation											
212	Mitigation Measure	Submissions Report	3.3	-	Feb-17	Construction vessel antifouling must be maintained to avoid the attachment and potential translocation of invasive species into and out of Twofold Bay.	Aquatic Ecology	Yes	As per condition	N/A	Construction contractors	X	X		All activities											
213	Mitigation Measure	Submissions Report	3.31	-	Feb-17	Spillage of dredged sediments during transit to the disposal location must be avoided so as not to increase the distribution of invasive species which may occur within the Snug Cove area but not yet in other areas of Twofold Bay. This should be done via proper containment of marine sediments on the barges.	Aquatic Ecology	Yes	As per condition	Barge tracking form	Dredging Contractor		X		During dredging											
214	Mitigation Measure	Submissions Report	3.32	-	Feb-17	Ballast water management: - Ballast water exchange by domestic vessels must be avoided. - Domestic vessels should manage ballast water in accordance with the Australian Ballast Water Management Requirements (Department of Agriculture and Water Resources 2016). - Any ballast water exchange from international vessels must be undertaken in accordance with the International Convention for the Control and Management of Ships' Ballast Water and Sediments (BWM) (IMO 2016) – i.e. "whenever possible, conduct ballast water exchange at least 200 nautical miles from the nearest land and in water at least 200 m in depth, taking into account Guidelines developed by IMO" and "in cases where the ship is unable to conduct ballast water exchange as above, this should be as far from the nearest land as possible, and in all cases at least 50 nautical miles from the nearest land and in water at least 200 m in depth".	Aquatic Ecology	Yes	As per condition	N/A	Construction contractors			X			All activities									
215	Mitigation Measure	Submissions Report	3.33	-	Feb-17	For all commercial vessels and/or barges, dredge or other equipment coming from overseas the Australian Government Department of Agriculture and Water Resources processes for pre-arrival, arrival and inspection and post-arrival must be followed. These can be found at: <a href="http://www.agriculture.gov.au/biosecurity/avm/vessels/commercial-vessels/barges-and-towed-vessels">http://www.agriculture.gov.au/biosecurity/avm/vessels/commercial-vessels/barges-and-towed-vessels</a> <a href="http://www.agriculture.gov.au/biosecurity/avm/vessels/commercial-vessels/process_for_commercial_vessels">http://www.agriculture.gov.au/biosecurity/avm/vessels/commercial-vessels/process_for_commercial_vessels</a>	Aquatic Ecology	Yes	As per condition	N/A	Construction contractors	X			Prior to mobilisation											
216	Mitigation Measure	Submissions Report	3.34	-	Feb-17	Monitoring and inspection / surveillance of the dredge vessel and barges must be undertaken in accordance with the Biosecurity Act 2015.	Aquatic Ecology	Yes	As per condition	IMS inspection records	Construction contractors	X	X		All activities											
217	Mitigation Measure	Submissions Report	3.35	-	Feb-17	Monitoring of potential pest species establishment at the disposal ground post disposal must be undertaken.	Aquatic Ecology	Yes	As per condition	Pest inspection	Principal			X	Post-construction											
218	Mitigation Measure	Submissions Report	3.36	-	Feb-17	Temporary relocation of the nearby mussel aquaculture facility from their current Cattle Bay lease area to lease AL06/001 at Boydtown for the duration of construction will help to ensure that construction related impacts on mussel aquaculture are avoided.	Aquatic Ecology	No	N/A	N/A	N/A				N/A		As per ID#166. Will not track twice in Compliance Tracking Program									
219	Mitigation Measure	Submissions Report	3.37	-	Feb-17	DPI-Fisheries (1800 043 536) must be immediately notified of any fish kills within the site. In such cases, all works other than emergency response procedures are to cease until the issue is rectified and written approval to proceed is provided by DPI-Fisheries.	Aquatic Ecology	Yes	As per condition	N/A	N/A				N/A		As per ID#165. Will not track twice in Compliance Tracking Program									
220	Mitigation Measure	Submissions Report	3.38	-	Feb-17	The Department to make contact with the NSW Food Authority prior to dredging to determine if they have detected any HAB species in the area in order to inform any risk assessment and subsequent management.	Aquatic Ecology	Yes	As per condition	Written correspondence	Principal	X			Prior to dredging											
221	Mitigation Measure	Submissions Report	4.01	-	Feb-17	Potential impacts of lighting on birds can be reduced by limiting the need for construction activities to be undertaken during the evening and night time – this will reduce the overall need for construction related artificial lighting (on vessels and on the land portion of the site) and associated impacts.	Terrestrial Ecology	No	N/A	N/A	N/A				N/A		As per ID#197. Will not track twice in Compliance Tracking Program									



ID	Condition Source					Condition Details	Actions Required								Reference Document / Document #	Notes	STAGE 1: DREDGING CONTRACT Status			STAGE 2: MARINE STRUCTURES CONTRACT Status		
	ID	Type	Name	Document # / Reference	Revision		Date	Environmental Aspect	Action Required?	Action detail	Deliverable	Responsibility (Primary /Secondary)	Pre-construction	Construction			Post-construction	Timing	Upcoming, Open, Overdue, Closed	Comments	Date	Upcoming, Open, Overdue, Closed
268	Mitigation Measure	Submissions Report	10.05	-	Feb-17	To manage potential impact of odour and unsanitary conditions: -CEMP -Contractor(s) EMP including Construction Waste Management Plan -CEMP	Waste	Yes	As per condition	CEMP Contractor Waste Management Plan	Principal / Construction contractors	X			Pre-construction	301311-13734-EN-REP-0004 Dredging Contractor: DI-DPI-16-522_PLAN-ENV-003 Dredging contractor: DI-DPI-16-522_PLAN-ENV-001						
269	Mitigation Measure	Submissions Report	10.08	-	Feb-17	To manage potential impact of safety: -Maritime Safety procedures -Occupational Health and Safety procedures	Health and Safety	Yes	As per condition	Contractor WHS Management Plan	Principal / Construction contractors	X			Pre-construction	DI-DPI-16-522_PLAN-HSE-002						
270	Mitigation Measure	Submissions Report	10.09	-	Feb-17	To manage potential food safety risks: -NSW Food Safety Program -Testing is required on the mussels to be undertaken by Eden Sea Farms ensure they meet the food safety standards and are fit for consumption	Aquatic Ecology	Yes	As per condition	CEMP Aquatic Ecology CEMP Sub-plan	Principal / Construction contractors	X			Pre-construction	301311-13734-EN-REP-0010 301311-13734-EN-REP-0004						
271	Mitigation Measure	Submissions Report	10.11	-	Feb-17	To manage the potential impact of communicable disease: -Follow relevant NSW Public Health Unit Control Guideline for the particular infectious disease	Health and Safety	Yes	As per condition	N/A	Principal	X			Pre-construction							
277	Mitigation Measure	Submissions Report	11.06	-	Feb-17	Maximise opportunities for local and Aboriginal workforce participation during construction and operation.	Heritage	Yes	As per condition	Aboriginal participation plan	Construction contractor		X		All activities							
278	Mitigation Measure	Submissions Report	12.01	-	Feb-17	A water quality monitoring program will be implemented before and during dredging to manage any potential water quality impacts surrounding the dredge footprint and within the vicinity of the mussel leases and other sensitive environmental receptors (i.e., seagrass meadows). This program will be documented within the CEMP.	Water Quality	Yes	As per condition	Water quality monitoring records	Dredging Contractor		X		During dredging	DI-DPI-16-PLAN-ENV_006	Program documented in the Water Quality CEMP Sub-plan as required by the Infrastructure Approval					
279	Mitigation Measure	Submissions Report	13.01	-	Feb-17	The CEMP is to include appropriate sediment and erosion management controls to minimise water quality impacts from surface runoff in accordance with Managing Urban Stormwater: Soils and Construction Volume 1 (Landcom, 2004). All erosion and sediment controls to be in place prior to the commencement of any landside works, maintained throughout construction, and removed only once all disturbed areas have been reinstated.	Water Quality	Yes	As per condition	Water quality CEMP Sub-plan	Construction contractors		X		All activities	Dredging contractor: DI-DPI-16-PLAN-ENV_006						
280	Mitigation Measure	Submissions Report	13.02	-	Feb-17	Weather and tide forecasts will be checked regularly during construction. Where flooding is forecast to the work area, all equipment and materials would be removed from the landside construction zone or appropriately secured above expected flood levels in the area.	Water Quality	Yes	As per condition	Pre-start records or equivalent	Construction contractors		X		All activities							
281	Mitigation Measure	Submissions Report	13.03	-	Feb-17	Any car park alterations completed as part of the upgrade are to incorporate Water Sensitive Urban Design elements such as tree pits and bioretention swales. This would provide water quality improvements to the site by slowing runoff. The approach aligns with initiative C.19 "Incorporate Water Sensitive Design (WSUD)" from the NSW Sustainable Design Guidelines Version 3.0 (TNSW, 2013).	Water Quality	Yes	As per condition	N/A	Principal	X		Design		No car park alterations proposed						
283	Mitigation Measure	Submissions Report	14.02	-	Feb-17	Project staff and Contractor(s) would be made aware of their statutory obligations for heritage under the National Parks and Wildlife Act 1974 through the site induction and toolbox talks. The Contractor(s) are to include an Aboriginal Culture Awareness module in its induction training in which the local Aboriginal community will be invited to present.	Heritage	Yes	As per condition	Induction records	Construction contractors		X		All activities							
284	Mitigation Measure	Submissions Report	14.03	-	Feb-17	In the event that any Aboriginal sites are disturbed and identified within the area of works, works within the immediate vicinity of the Aboriginal object will cease forthwith and the Office of Environment and Heritage (OEH) contacted so that appropriate management strategies can be identified and followed.	Heritage	Yes	As per condition	N/A	Construction contractors		X		All activities							
285	Mitigation Measure	Submissions Report	14.04	-	Feb-17	In the event that skeletal remains are uncovered, works in the immediate area will cease, the area would be cordoned off and the NSW Police Coroner and Transport for NSW (TNSW) environment team would be contacted to determine if the material is of Aboriginal origin. If determined to be Aboriginal, the OEH Enrolment 131 SSS and relevant Aboriginal stakeholders would be contacted to determine an action plan for the management of the skeletal remains prior to works re-commencing.	Heritage	Yes	As per condition	N/A	Construction contractors		X		All activities							
286	Mitigation Measure	Submissions Report	15.01	-	Feb-17	All relevant staff and contractors are to be trained regarding their statutory obligations and responsibilities under the Heritage Act 1977 and best practice outlined in The Burra Charter 2013, through the site induction and toolbox talks in the event suspected historical cultural material is uncovered.	Heritage	Yes	As per condition	Induction/training records	Construction contractors		X		All activities							
287	Mitigation Measure	Submissions Report	15.02	-	Feb-17	In the event that any potential archaeological 'relics' or 'historic shipwrecks' are disturbed and identified within the site during construction works, all work in the area shall cease forthwith and the Heritage Division and a qualified archaeologist be consulted to determine an appropriate course of action prior to the recommencement of work in the area of the 'relic' or 'historic shipwreck'. This protocol to be included in the CEMP.	Heritage	Yes	As per condition	N/A	Construction contractors		X		All activities							
288	Mitigation Measure	Submissions Report	16.02	-	Feb-17	The naturally occurring asbestos material in the rock on the breakwall is to be safely relocated to areas along the existing breakwater that require repair/strengthening. The subsurface water mains pipes and electrical box in the carpark that are presumed to contain asbestos should be left intact, labelled with warning signage, and maintained in their current condition. Asbestos is to be removed prior to any demolition or other intrusive work that may disturb the asbestos. The PCB containing capacitors on the wharf are to be left in situ and removed prior to demolition. The subsurface fill material was not sampled during the hazardous substances survey but further investigation is recommended prior to intrusive ground works. The soil will need to be classified in accordance with the Waste Classification Guidelines (NSW EPA, 2014) prior to offsite disposal.	Health and Safety	Yes	As per condition	N/A	Principal/Construction contractors		X		All activities		Management measure amended as part of CEMP Rev 3, to relocate to other areas along the existing breakwater (ie. not those that particularly require strengthening/repair). This was due to the inability (and out of scope nature) of the contractor to identify where these areas might be, as it is not the responsibility of the contractor to repair/strengthen the breakwater.					
289	Mitigation Measure	Submissions Report	16.03	-	Feb-17	All friable and non-friable asbestos-containing waste on-site shall be handled and disposed off-site at an EPA licensed waste facility by an EPA licensed contractor in accordance with the requirements of the Waste Classification Guidelines (NSW EPA, 2014) and any other regulatory instrument as amended.	Health and Safety	Yes	As per condition	Waste records	Construction contractors		X		All activities							
290	Mitigation Measure	Submissions Report	17.01	-	Feb-17	Investigations will be carried out by the Contractor(s) to ensure that all appropriate measures are in place to minimise the potential risks to existing utilities and services prior to commencement of construction works.	Utilities	Yes	As per condition	N/A	Construction contractors		X		All activities							
291	Mitigation Measure	Submissions Report	17.02	-	Feb-17	Relevant service utility providers or owners will be consulted to verify the location of all services and to determine any potential impacts of the works. This includes requirements for protection, relocation or decommissioning of services.	Utilities	Yes	As per condition	N/A	Construction contractors		X		All activities							
292	Mitigation Measure	Submissions Report	17.03	-	Feb-17	The Contractor(s) will be required to verify the location of all existing utilities in the vicinity of the project area and protect the utilities as necessary. This will include a Dial Before You Dig (DBYD) enquiry and survey of underground utilities as required.	Utilities	Yes	As per condition	N/A	Construction contractors		X		All activities							
293	Mitigation Measure	Submissions Report	17.04	-	Feb-17	Any utility upgrades, such as the installation of additional fire hydrants and fire-fighting equipment, potable water supply upgrades or upgrades to power supply to the wharf, will be conducted such that service impacts on utility customers are minimised. This may involve completing works at night or at specific times.	Utilities	Yes	As per condition	N/A	Construction contractors		X		All activities		Work hours are to be as per those approved in the Infrastructure Conditions and EPL, unless emergency works are required					
294	Mitigation Measure	Submissions Report	18.01	-	Feb-17	The Contractor(s) is to prepare and implement Construction Waste Management Plan (CWMP). The CWMP specifies the management of each waste stream (non-liquid, liquid, and gaseous).	Waste	Yes	As per condition	Waste Management Plan	Construction contractors		X		All activities	DI-DPI-16-522_PLAN-ENV-003						
295	Mitigation Measure	Submissions Report	18.02	-	Feb-17	During the construction phase the following mitigation measures would be implemented: - All waste would be classified in accordance with the Waste Classification Guidelines (NSW EPA, 2014). - Construction materials would be procured to ensure minimal cut-off and wastage. - Excess construction material suitable for reuse would be returned to the supplier, or recycled. - Waste streams would be kept separate on site to reduce cross-contamination and ensure the wastes are handled appropriately. - Barges for dredged material would not be overloaded to prevent spillage of dredged material while being transported to the offshore disposal site. - Vehicles used for the transportation of waste would be covered to prevent loss of waste. - Waste to be disposed offsite would be disposed to a waste facility that is licensed to receive that type of waste stream. - Waste to be transported offsite would be recorded including type, quantity and destination. - Hazardous waste such as waste oil and lubricating oil would be recycled at an appropriately licenced recycling waste depot. - Portable toilets would be emptied on a regular basis and human waste disposed of to a local sewage treatment plant. - Recycling facilities (garbage bins or other suitable receptacles) would be provided to maximise recycling of waste materials such as plastic, glass, aluminium cans, and paper/cardboard.	Waste	Yes	As per condition	Waste records	Construction contractors		X		All activities	DI-DPI-16-522_PLAN-ENV-003						

ID	Condition Source					Condition Details	Actions Required								Reference Document	Notes	STAGE 1: DREDGING CONTRACT Status			STAGE 2: MARINE STRUCTURES CONTRACT Status				
	ID	Type	Name	Document # / Reference	Revision		Date	Environmental Aspect	Action Required?	Action detail	Deliverable	Responsibility (Primary /Secondary)	Pre-construction	Construction			Post-construction	Timing	Reference Documents / Document #	Notes	Upcoming, Open, Overdue, Closed	Comments	Date	Upcoming, Open, Overdue, Closed
296	Mitigation Measure	Submissions Report	19.02	-	Feb-17	Sustainable procurement practices would be adopted where feasible. This would include selecting recycled construction materials (including recycled concrete, steel and timber) where available and giving preference to recycled over virgin materials. In addition the following measures would be considered: - Construction materials would be sourced locally where possible. - Construction materials that have minimal embodied energy should be selected. - Use of PVC plastic would be minimised. - Construction materials that are low maintenance and durable should be considered. - Plant and equipment would be switched off when not in constant use and not left idling. - Plant and equipment brought onsite would be regularly serviced and energy efficient vehicles or equipment would be selected where available. - Any plant and equipment that is not working efficiently (i.e. emitting excessive smoke) would be removed from site and replaced as soon as possible. - Demolition, construction, and dredging works would be planned to ensure minimal movement of plant and equipment, including barges. - At least 10% of site based electricity needed during construction should be sourced from renewable or green sources.	Greenhouse	Yes	As per condition	N/A	Construction contractors		X		All activities									
298	Mitigation Measure	Submissions Report	20.03	-	Feb-17	Preparation and implementation of Construction Noise and Vibration Management Plan to manage the impacts to sensitive receivers (refer to Section 9.6).	Noise	Yes	As per condition	Noise and Vibration CEMP Sub-plan	Construction contractors		X		All activities	DI-DPI-16-522_PLAN-ENV-002								
300	Mitigation Measure	Submissions Report	20.05	-	Feb-17	Site safety protocols, tool box talks, risk assessments, Safe Work Method Statements, and incident management and emergency procedures would be prepared prior to the commencement of construction works and implemented as required throughout construction.	Health and Safety	Yes	As per condition	As per condition	Construction contractors	X	X		All activities									
302	Mitigation Measure	Submissions Report	20.08	-	Feb-17	Implementation of existing PANSW management policies and procedures including navigation and passage plans, security management and the Emergency Response Plan for port-related emergencies such as oil and chemical spills.	Water Quality	Yes	As per condition	Pollution Incident Response Plan Emergency Response Plan or equivalent	Construction contractors		X		All activities	Dredging contractor: DI-DPI-16-522_PLAN-ENV-004 DI-DPI-16-522_PLAN-HS-005								

5. Environmental Commitments

General					STAGE 1: DREDGING CONTRACT Status		STAGE 2: MARINE STRUCTURES CONTRACT Status		
ID	Environmental Aspect	Performance Objective / KPI	Detail	Source	Notes	Comments	Date	Comments	Date
1	Water and Sediment Quality	Performance Objective	To minimise the generation and migration of turbid plumes during construction activities and the risk of significant spills or discharges which may cause impacts to nearby benthic habitats and marine fauna and flora through increases in turbidity or spills or pollutants into the water	CEMP Revision 3					
2	Water and Sediment Quality	KPI	No long-term deterioration in water and sediment quality as a consequence of dredging and marine structures works	CEMP Revision 3					
3	Water and Sediment Quality	KPI	No detected injury/mortality to marine fauna as a result of deterioration in water and sediment quality	CEMP Revision 3					
4	Water and Sediment Quality	KPI	No significant pollution spills and all spills responded to in accordance with the NSW South Coast Marine Oil and Chemical Spill Contingency Plan (NSW Transport RMS, 2013) and Project Specific Pollution Incident Response Management Plan.	CEMP Revision 3					
5	Water and Sediment Quality	KPI	Corrective actions taken by Contractor(s) within 48 hours if water quality exceeds the predicted trigger values.	CEMP Revision 3					
6	Water and Sediment Quality	KPI	Compliance with the EPL	CEMP Revision 3					
7	Aquatic Ecology	Performance Objective	To protect marine habitats, flora and fauna as listed under the NSW Fisheries Management Act 1994 (FM Act), Threatened Species Conservation Act 1995 (TSC Act) and Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act).	CEMP Revision 3					
8	Aquatic Ecology	Performance Objective	To minimise the risk of introduction and translocation of invasive marine species	CEMP Revision 3					
9	Aquatic Ecology	KPI	No recorded death or injury marine fauna during construction activities	CEMP Revision 3					
10	Aquatic Ecology	KPI	No introduction or translocation of an invasive marine species during construction activities	CEMP Revision 3					
11	Aquatic Ecology	KPI	To ensure impact on the abundance, species diversity, geographic distribution and ecological functions of terrestrial fauna are avoided or minimised to as low as reasonably practicable	CEMP Revision 3					
12	Terrestrial Ecology	Performance Objective	To ensure impacts on the abundance, species diversity, geographic distribution and ecological functions of terrestrial fauna are avoided or minimised to as low as reasonably practicable.	CEMP Revision 3					
13	Terrestrial Ecology	Performance Objective	To protect fauna as listed under the NSW FM Act, TSC Act and EPBC Act	CEMP Revision 3					
14	Terrestrial Ecology	KPI	No recorded death or injury to terrestrial fauna during construction activities	CEMP Revision 3					
15	Noise and Vibration	Performance Objective	To minimise disturbance to sensitive receivers from airborne noise and vibration	CEMP Revision 3					
16	Noise and Vibration	Performance Objective	To minimise damage to structures from vibration	CEMP Revision 3					
17	Noise and Vibration	Performance Objective	Compliance with statutory noise requirements*	CEMP Revision 3					
18	Noise and Vibration	KPI	Works carried out within the required hours	CEMP Revision 3					
19	Noise and Vibration	KPI	No noise or vibration impact complaints from the community	CEMP Revision 3					
20	Noise and Vibration	KPI	No damage to structures from vibration	CEMP Revision 3					
21	Air Quality	Performance Objective	To minimise polluting air emissions produced during construction works	CEMP Revision 3					
22	Air Quality	KPI	Minimal or no complaints received from the community	CEMP Revision 3					
23	Traffic	Performance Objective	To ensure that construction does not adversely impact on the safety and efficiency of the transport system (road and maritime) in the vicinity of the Site or to port businesses within the Port of Eden	CEMP Revision 3					
24	Traffic	Performance Objective	To ensure that traffic generated from the Project does not adversely impact on the amenity of the local community, road and maritime users and road and port infrastructure	CEMP Revision 3					
25	Traffic	Performance Objective	To ensure access is not impeded to existing port users to land and waterway areas	CEMP Revision 3					
26	Traffic	KPI	No road damage due to project reported	CEMP Revision 3					
27	Traffic	KPI	No project traffic noise or dust complaints	CEMP Revision 3					
28	Traffic	KPI	No project traffic incidents	CEMP Revision 3					
29	Traffic	KPI	Minimal restriction in access for port users	CEMP Revision 3					
30	Waste	Performance Objective	To ensure best practice management for the handling, storage and disposal of waste and hazardous materials related to construction	CEMP Revision 3					
31	Waste	KPI	No long-term impact to the environment during construction activities	CEMP Revision 3					
32	Waste	KPI	No slick or other visible evidence of oil or grease, visible floating oil, grease, scum, litter or other objectionable matter from any vessel	CEMP Revision 3					
33	Hydrocarbon	Performance Objective	To ensure hydrocarbons are handled and stored in a manner that minimises the potential impact on the environment through leaks, spills and emergency situations	CEMP Revision 3					
34	Hydrocarbon	KPI	No measureable impact to flora or fauna as a result of hydrocarbon (or other hazardous material) spills resulting from construction activities	CEMP Revision 3					
35	Utilities	Performance Objective	To ensure that the decommissioning, relocation and installation of services is carried out in a safe and efficient manner	CEMP Revision 3					
36	Utilities	KPI	No significant disruptions to the operation of existing utilities and services during construction	CEMP Revision 3					
37	Heritage	Performance Objective	To protect and preserve Aboriginal Heritage and Historic Heritage sites and values	CEMP Revision 3					
38	Heritage	KPI	Suspected heritage items are dealt with in accordance with the required sequence of corrective actions	CEMP Revision 3					
39	Noise and Vibration	Heron Target	Zero non-conformances to CNVMP	Heron Noise and Vibration CEMP Sub-Plan				N/A	
40	Noise and Vibration	Heron Target	Zero Non-conformances to specified respite periods	Heron Noise and Vibration CEMP Sub-Plan				N/A	
41	Noise and Vibration	Heron Target	No non-conformance of Planned Maintenance System	Heron Noise and Vibration CEMP Sub-Plan				N/A	
42	Traffic	Heron Target	Zero non-conformances to CTAMP	Heron Traffic, Transport and Access CEMP Sub-Plan				N/A	
43	Traffic	Heron Target	Zero port user impediment complaints	Heron Traffic, Transport and Access CEMP Sub-Plan				N/A	
44	Water Quality	Heron Performance Objective	minimise the generation and migration of turbid plumes during construction activities and the risk of significant spills or discharges which may cause impacts to nearby benthic habitats and marine fauna and flora through increases in turbidity or spills of pollutants into the water	Water Quality Management CEMP Sub-plan				N/A	
45	Water Quality	Heron Performance Objective	to protect marine habitats, flora and fauna as listed under the NSW FM Act, TSC Act and Commonwealth EPBC Act 1999	Water Quality Management CEMP Sub-plan				N/A	
46	Water Quality	Heron Performance Objective	To ensure best practice management for the handling, storage and disposal of waste and hazardous materials related to construction	Water Quality Management CEMP Sub-plan				N/A	
47	Water Quality	Heron Performance Objective	To ensure hydrocarbons are handled and stored in a manner that minimises the potential impact on the environment through leaks, spills and emergency situations	Water Quality Management CEMP Sub-plan				N/A	

\* as described in the Noise and Vibration CEMP Sub-plan

## 6. Compliance Monitoring Schedule

	Item	Aspect	Week*														
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	
			14/08/2017	21/08/2017	28/08/2017	4/09/2017	11/09/2017	18/09/2017	25/09/2017	2/10/2017	9/10/2017	16/10/2017	23/10/2017	30/10/2017	6/11/2017	13/11/2017	
PER	Daily Surveillance	Walk-overs of land-based activities, identification and rectification of emerging environmental risks.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Surveillance of sea-dumping activities and procedures (as per SDP) shall occur at least 3 times per week, to identify non-compliances, environmental risks etc.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Inspection/Review. <small>Each item in the Compliance Conditions tab of the Compliance Tracking Program has been assigned to an Aspect which will be reviewed and monitored for implementation</small>	Air Quality								✓						✓	
		Approval	✓	✓							✓						✓
		Aquatic Ecology			✓							✓					
		Community					✓							✓			
		Greenhouse								✓						✓	
		Health & Safety	✓							✓						✓	
		Heritage					✓							✓			
		Incident					✓	✓						✓			
		Noise	✓	✓	✓	✓	✓						✓				
		Terrestrial							✓							✓	
		Traffic			✓				✓						✓		
		Utilities							✓						✓		
		Vibration				✓							✓				
		Waste							✓						✓		
		Water Quality	✓						✓						✓		
Reviews	Reviews of Environmental Management Plans <sup>#</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Risk Assessment <sup>##</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
ER	ER Monthly Audit**	Implementation of all documents prepared under the infrastructure approval	✓	✓				✓			✓					✓	

\* Dates are indicative only and reliant on project programming. Surveillance will continue daily and inspections/reviews will continue weekly during Construction Contractor Activities.

\*\* ER audits are indicative only and will coincide with CCC meetings throughout the project. They are intended to occur monthly. The PER and Construction Contractor Nominated Representative shall accompany the ER for audits. This will allow discussions and enable any issues to be resolved promptly. Following the audit, the ER shall prepare an audit report which will be submitted as part of their monthly Environmental Representative Report as required under Condition A16I of the Infrastructure Approval

# Reviews of Environmental Management Plans and Construction Monitoring Plans shall be undertaken as relevant, where deficiencies, non-conformances or issues are identified as a result of environmental inspections and audits. Proposed amendments will be referred to the ER for consideration under A16J of the Infrastructure Approval. Any significant amendments will be submitted to the Secretary of the DP&E in accordance with Condition C8 of the Infrastructure Approval.

## Risks identified in the Project Risk Assessment as extreme and high shall be monitored and reviewed daily and weekly respectively,

NOTE: Contractors shall undertake daily site surveillance at their worksite, including walk-overs, maintenance of environmental controls and identification and rectification of emerging environmental risks. Construction contractors will undertake regular audits of their environmental management plans, and review documentation regularly.



## Attachments

1	Environmental Inspection Form
2	Environmental Incident and Non-compliance Reporting Form
3	Project Action Register





**SECTION 1 GENERAL**

Name of Contractor:		Site Name:	
Inspection Conducted by: (Name, position and Company)			
Environmental Aspect Investigated:			
Location Inspected:	Key Activities Inspected:		

**SECTION 2: HAZARDS, NON-CONFORMANCES, RISKS, OPPORTUNITIES, ROOM FOR IMPROVEMENT IDENTIFIED**

Details/observations:



**SECTION 6: NON-CONFORMANCE DETAILS**

Description of Non-Conformance			
Relevant Approval:			
Relevant Condition:			
Action required for closure: (Specific actions will be raised on the Project Action Register)			
Action Assigned To:		Agreed Close out Date:	
Action/s Raised on Project Action Register	<input type="checkbox"/>	Action Number/s:	

**SECTION 9: CORRECTIVE & PREVENTIVE ACTION**

Once an inspection is complete, actions identified shall be raised on the Eden Breakwater Wharf Extension Project Action Register.

All non-conformances shall be raised on the Eden Breakwater Wharf Extension Project Action Register.

All actions raised shall have an agreed close out date and an agreed responsible person for verification of action completion.

This form, once completed, shall be forwarded to the ER for his/her information.

**SECTION 10: SIGN OFF**

Name:			
Position:		Reporting person Signature	Date

**SECTION 1 GENERAL**

Name of Reporter:		Date:	
Name of Contractor:		Site/Location:	
Date of Incident/non-compliance:		Time of Incident/non-compliance:	
<b>Incident Classification:</b>			
<input type="checkbox"/>	<b>Incident</b> (If yes complete Section 4 below)	<input type="checkbox"/>	<b>Non-Compliance</b> (complete section 6 only)
<input type="checkbox"/>	<b>Notifiable Event</b> (If yes complete Section 5 below)		
<b>Incident Predicted Duration:</b>			
<input type="checkbox"/>	<b>Short term</b> (less than 1 week)	<input type="checkbox"/>	<b>Long term</b> (more than 2 months)
<input type="checkbox"/>	<b>Medium term</b> (less than 2 months)	<input type="checkbox"/>	<b>Permanent</b>
<b>Incident Type:</b>			
Air & Dust	<input type="checkbox"/>	Flora & Fauna	<input type="checkbox"/>
		Land Contamination	<input type="checkbox"/>
		Systems & Documentation	<input type="checkbox"/>
		Other:	<input type="checkbox"/>
Water Pollution	<input type="checkbox"/>	Community	<input type="checkbox"/>
		Heritage	<input type="checkbox"/>
		Noise & Vibration	<input type="checkbox"/>
		Traffic, Transport & Access	<input type="checkbox"/>
		Waste & Hazardous Materials	<input type="checkbox"/>

**SECTION 2: CIRCUMSTANCES**

<p><b>Location</b> (Address, chainage, nearest cross street. Attach sketch if needed)</p>	
<p><b>Circumstances</b> (Outline the circumstances of the incident leading up to the event and detail the activity being conducted)</p>	

<p><b>Action Taken</b> (Detail the action taken immediately to prevent or minimise environmental harm)</p>	
----------------------------------------------------------------------------------------------------------------	--

**SECTION 3: POLLUTION EVENT INFORMATION**

Pollutant:			
Quantity / Volume:		Concentration:	
<p><b>Location of Pollution</b> (If different from location of the event. Also describe the extent of pollution)</p>			

**SECTION 4: NOTIFICATION AUTHORITIES / PROJECT PERSONNEL**

<input type="checkbox"/>	Commonwealth DoEE	<input type="checkbox"/>	WorkCover Authority
<input type="checkbox"/>	NSW DP&E Secretary (or Delegate)	<input type="checkbox"/>	ORRCA
<input type="checkbox"/>	NSW EPA	<input type="checkbox"/>	NSW National Parks and Wildlife Service
<input type="checkbox"/>	Local Authority (Bega Valley Shire Council)	<input type="checkbox"/>	Transport NSW
<input type="checkbox"/>	Port Authority NSW / Port of Eden Harbour Master	<input type="checkbox"/>	Principal
<input type="checkbox"/>	DPI - Fisheries	<input type="checkbox"/>	ER
<input type="checkbox"/>	NSW OEH	<input type="checkbox"/>	PER/HSA
<input type="checkbox"/>	Police/Fire/Ambulance <small>(circle)</small>	<input type="checkbox"/>	Communications Advisor

Notification made by – Name:			
Notification made by – Position:			

Date of Notification:		Time of Notification:		Method of Notification:	
-----------------------	--	-----------------------	--	-------------------------	--

**SECTION 5: INVESTIGATION DETAILS**

Investigation initiated immediately to determine cause of event:			
Report Only <input type="checkbox"/>	Minor Investigation <input type="checkbox"/>	Major Investigation <input type="checkbox"/>	

**SECTION 6: NON-COMPLIANCE DETAILS**

Description of Non-Compliance			
Relevant Approval:			
Relevant Condition:			
Action required for closure: (Specific actions will be raised on the Project Action Register)			
Action Assigned To:		Agreed Close out Date:	
Action/s Raised on Project Action Register	<input type="checkbox"/>	Action Number/s:	

**SECTION 9: CORRECTIVE & PREVENTIVE ACTION**

Once an investigation is complete, actions identified shall be raised on the Eden Breakwater Wharf Extension Project Action Register.

All non-compliances shall be raised on the Eden Breakwater Wharf Extension Project Action Register.

All actions raised shall have an agreed close out date and an agreed responsible person for verification of action completion.

**SECTION 10: SIGN OFF**

Name:			
Position:		Reporting person Signature	Close-out date
Name:			
Position:		Principal Representative Signature	Close-out date

