



KOORAGANG ISLAND

Orica Australia Pty Ltd
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30 August 2023

NSW Department of Planning and Environment
320 Pitt Street
Sydney, NSW, 2000

Via Major Projects Planning Portal
Att: Shaun Williams

Dear Shaun,

**RE: Orica Kooragang Island Expansion Project development consent (08_129):
Project Staging report Update (MOD7) – Condition 7**

Please find attached an updated Project Staging Plan including the AN1 ANSOL Supply line project (MOD7).

If you require any further information, please do not hesitate to contact me.

Yours sincerely,

A handwritten signature in blue ink that reads "Nathan Robinson".

Nathan Robinson
Senior Specialist – Environment

Attachment A – Revised Project Staging Plan (MOD7) – September 2023
Project Staging Plan (30 August 2023)

Table 1 – Staging Plan

Phase	Stage	Description of Work	Sub-Stage	Approval Status	Estimated Construction Timing
Ammonia Plant Uprate					
1	1a	Ammonia Plant Expansion – Plant Air Compressor Building Construction of Plant Air Compressor building shell (compressor installed in Stage 1(b)).	Completed	Construction Complete and Operational	Completed
	1b	Ammonia Plant Expansion - Installation/Modification of Plant Installation of new equipment including new compressor, process vessels pipework and instruments in the Ammonia Plant.	Completed		
Proposed Trident Nitrates Expansion Project Construction Scheduling					
2	2a	OBL 1(a) – Nitrates Infrastructure & ANS Loadout Installation of new site infrastructure including the new site entrances, internal access roads, security and weighbridge facilities, ANS product storage and despatch facilities.	1. Internal access roads and minor civil works. 2. Site entrances, security offices and weighbridges. 3. Major civil works including piling and foundations. 4. New ANS storage vessel loading equipment	Approval for Construction granted / construction yet to commence.	Yet to be determined
	2b	OBL 1(b) – Nitrates Despatch & Support Infrastructure Construction of new AN Bag store, AN Despatch facilities and amenities, demolition of existing AN Bag store and despatch, construction of new AN Bulk Store, modification to existing AN bulk store, construction of WANS, construction of new control room and electrical infrastructure.		Approval to commence construction not yet granted by DPE	Yet to be determined
3	3a	NAP4 – Nitric Acid & AN Solution plants and Support Infrastructure Construction of the NAP4/ ANS Plant and tie-ins Construction of Nitrates support infrastructure including new Nitric Acid Storage, Ammonia Storage, Boiler, Cooling Tower, Demin Plant expansion Instrument Air upgrades, new Ammonia pumps, pipebridges & transfer lines.		Approval to commence construction not yet granted by DPE	Yet to be determined
	3b	AN3 – AN Prill Plant Construction of ANP3 Dry Section plant and tie-ins		Approval to commence construction not yet granted by DPE	Yet to be determined
Ammonia Management Improvement Program					
4	4	Ammonia Flares Construction and operation of three ammonia flares.	1. Nitrates Plant Flare 2. Ammonia Storage Flare 3. Ammonia Plant Flare	Approval to commence construction of the flares was granted on 23 June 2015. Ammonia Flares The nitrates flare became operational during February 2016 The ammonia storage flare became operational during April 2016. The ammonia plant flare was commissioned during April 2017.	Completed

Phase	Stage	Description of Work	Sub-Stage	Approval Status	Estimated Construction Timing
Nitric Acid Tank					
5	5	Nitric Acid Tank Construction and Operation of a nitric acid tank and associated scrubber, capable of exporting and importing nitric acid via the site's nitric acid wharf pipeline.		Approval to commence construction not yet granted by DPE	Yet to be determined
Boiler					
6	6	Construction and operation of new Site Boiler Construction and Operation of a new site boiler (to replace the decommissioned original site boiler)		Approval to commence construction granted on 27 July 2015	Construction completed 12 December 2019
Nitrates Effluent Tank					
7	7	Construction and operation of new Nitrates Effluent Tank (MOD4) Construction and Operation of a new Nitrate Effluent Tank (to replace the Nitrates Effluent Pond)		Approval to commence construction granted on 13 May 2021	Construction commenced CY 2022 – completion scheduled for July 2023
Prill Tower Scrubber					
8	8	Construction and operation of new Prill Tower Scrubber (MOD5) Construction and Operation of a prill tower scrubber to remove particulate associated with the existing ANP1 Prill Tower		Approval to commence construction granted on 29 Oct 2021	Construction commenced - completion scheduled for late 2024CY
AN1 ANSOL supply line					
9	9	Construction and operation of new AN1 ANSOL supply line (MOD7) Construction and Operation of a new ANSOL supply line from the AN1 Plant to the existing ANSOL export tank		Approval to commence construction granted on 14 August 2023	Construction scheduled to commence October 2023
Ammonia Tank					
TBD	TBD	Construction and operation of new 30,000 tonne Ammonia Tank (MOD6)		SEARS issued. Development application yet to be made.	Yet to be determined