



8 June 2021

Matthew Sprott
Director Resource Assessments
Department of Planning, Industry & Environment
4 Parramatta Square
12 Darcy Street
PARRAMATTA NSW 2150

Boral Australia
Level 18, 15 Blue Street
North Sydney, NSW 2060

PO Box 1228
North Sydney, NSW 2059

T: +61 (02) 9220 6300
F: +61 (02) 9233 6605

www.boral.com.au

Boral Limited
ABN 13 008 421 761

Dear Matthew

Dunmore Sand & Soil Pty Limited (DSS) is a wholly owned subsidiary of Boral Limited, operating a sand dredging operation in the Illawarra, south of Sydney. DSS operates under a State significant development (SSD) consent, DA 195-8-2004. Modification 2 of this consent was approved on 17 November 2020 for the establishment of 2 further dredge ponds 1km south of the existing operations.

As previously discussed, Boral is proposing to stage the implementation of the management plans as contemplated in Condition 12 of Schedule 2 of the development consent. The establishment of the 2 approved dredge ponds, referred to as Stages 5A and 5B will be staged in 3 phases are described below:

Stage 5A Construction – commencement end June/ early July 2021

- Erecting security fencing around the perimeter of the Stage 5A project area;
- Erecting security and time-lapse cameras around Stage 5A;
- Clearing and grubbing of established groundcover vegetation. Topsoil will be stripped and stockpiled along the southern/western edge of the extraction area for later re-use in rehabilitation;
- Construction of flood bunding using a dozer;
- A new access road will be constructed to the Stage 5 extraction area from Riverside Drive, opposite Saltwater Creek Road;
- The access road will join a 3.5 m wide unsealed road around the perimeter of the Stage 5A extraction area, which will then join the existing Fig Hill Lane, a sealed road that heads southwards towards the Stage 5B extraction area;
- Two approximately 2.1 km long pipes will be laid from the Stage 5 extraction areas to the Stage 2 processing area, in accordance with the WAD entered into with TfNSW;
- Establishment of the booster pump, directly abutting Fig Hill Lane;
- Establishment of the dredge pad, to allow the dredge from the existing operations to be transported to the site.



Stage 5A Extraction – Commencement September 2021

- The sand will initially be extracted from Stage 5A using construction equipment (eg. dozer/excavator), and stockpiled on site until the dredge is floated to expose the groundwater;
- Dredging will commence once pond is large enough to float a dredge and accommodate freshwater pumping from the dredge via overland pipeline to the processing plant in Stage 2.
- Sand will be extracted to a maximum depth of 12 m.

Stage 5B works (Construction and Extraction) – Commencement April 2022

Stage 5B operations will not commence until approximately two weeks prior to the completion of extraction in Stage 5A. During the two-week transition period, two dredges may be operating in tandem to minimise disruption to operations and ensure the supply of sand is not compromised during the transition between extraction areas. At the same time, earth mounds will be formed using a dozer to construct the flood protection bunding for the dredge pond.

Initially, sand will be excavated in the northern end of the Stage 5B extraction area to create a large enough pond to float a dredge and accommodate freshwater pumping from the dredge via overland pipeline to the processing plant in Stage 2.

The Table below shows the proposed staging of all management plans related to the site.

Stage	Management plans required	Condition No.	Indicative timing
Stage 5A Construction	Noise management plan	Schedule 3 Condition 17	Submitted 4 June 2021
	Air Quality management plan	Schedule 3 Condition 20B	Submitted 4 June 2021
	Detailed flood mitigation bund design	Schedule 3 Condition 29A and 29B	Submitted 4 June 2021
	Flora and Fauna management plan	Schedule 3 Condition 38	Submitted 8 June 2021
	Heritage management plan	Schedule 3 Condition 41	11 June 2021
	Traffic management plan	Schedule 3 Condition 56	Submitted May 2021
Stage 5A Extraction	Stage 5A and 5B Soil and Water management plan	Schedule 3 Condition 30	Submitted 15 April 2021
	Acid Sulphate Soil management plan	Schedule 3 Condition 33	Submitted 23 April 2021
	Rehabilitation management plan (including riparian area management plan)	Schedule 3 Condition 43 & 45	Submitted 8 June 2021
	Waste management plan	Schedule 3 Condition 68	Submitted 18 May 2021
Stage 5B construction & extraction	Soil and Water management plan – whole of site	Schedule 3 Condition 30	31 August 2021
	Long Term management plan	Schedule 3 Condition 50	31 August 2021



Further information in relation to the management plans is in the attachment to this letter.

Should you require any further information, please do not hesitate to contact me on 0418 478070.

Yours faithfully,

A handwritten signature in black ink, appearing to read "K Jackson", with a long, sweeping horizontal stroke at the end.

Kate Jackson
Regional Manager NSW/ACT
Boral Land & Property Group

Condition No.	Management Plan	Existing/new plan?	Description of staging	Submission to Portal Date	Consultation required?	Comments/Outstanding Actions	Critical path for Stage 5A?
Schedule 3 Condition 17	Noise Management Plan	Existing – updating to include Stage 5	This plan applies to whole site (Stages 2-5B)	Submitted 4 June 2021	N	Consultant endorsed by DPIE Approval pending from DPIE	Y Critical path: Cannot commence Stage 5A construction unless approved
Schedule 3 Condition 20B	Air Quality Management Plan	Existing – updating to include Stage 5	This plan applies to whole site (Stages 2-5B)	Submitted 4 June 2021	N	Consultant endorsed by DPIE Approval pending from DPIE	Y Critical path: Cannot commence Stage 5A construction unless approved
Schedule 3 Condition 29A & 29B	Detailed flood mitigation bund design	New	This design applies to Stages 5A and 5B	Submitted 4 June 2021	N	Consultant endorsed by DPIE Approval pending from DPIE	Y Critical path: Cannot commence Stage 5A construction unless approved
Schedule 3 Condition 30	Soil and Water Management Plan DA-195-8-2004-PA13 EPA consultation ref PAE-17566889 NRAR consultation ref PAE -17566890	New	This plan applies to stage 5A and 5B	Submitted 15 April 2021	Y EPA and DPIE Water/NRAR EPA reviewed - no comments. NRAR contacted 18 May (NRAR officer to contact site env rep). NRAR has not assigned an assessor.	Waiting on NRAR review before plan advances to DPIE via Portal.	N - not for 5A construction Cannot commence Stage 5A EXTRACTION unless approved (see schedule 3 condition 32)
Schedule 3 Condition 33	Acid Sulphate Soil Management Plan DA-195-8-2004-PA16	New	This plan applies only to Stages 5A and 5B	Submitted 23 April 2021	Y EPA EPA reviewed – no comments	Consultant endorsed by DPIE Approval pending from DPIE	N – not for 5A construction Cannot commence Stage 5A EXTRACTION unless approved
Schedule 3 Condition 38	Flora and Fauna Management Plan	Existing – updating to include Stage 5	Whole of site plan (stages 2-5B).	Submitted 8 June 2021	Y Shellharbour & Kiama councils, and Fisheries NSW	Consultant endorsed by DPIE Forwarded to Council and BCD for consultation 8 June.	Y Critical path: Cannot commence Stage 5A construction unless approved
Schedule 3 Condition 41	Heritage Management Plan	New	This plan applies only to Stages 5A and 5B	Expected submission by 11 June 2021	Y RAPs & Heritage NSW	Report under review by RAPs and Heritage NSW. Finalised report to be submitted on 11 June 2021. Salvage activities to commence at Stage 5A on week of 14 June 2021 Waiting on CVs of consultant for endorsement for Heritage MP.	Y Critical path: Cannot commence Stage 5A construction unless approved
Schedule 3 Condition 43 & 45	Rehabilitation Management Plan (includes Riparian Area Management Plan)	Existing – updating to include Stage 5	This plan applies to whole site (Stages 2-5B)	Submitted 8 June 2021	Y Shellharbour & Kiama councils, and BCD (OEH)	Consultant endorsed by DPIE. Forwarded to Council and BCD for consultation 8 June.	N - not for 5A construction Cannot commence Stage 5A EXTRACTION unless approved
Schedule 3 Condition 50	Long Term Management Strategy	Existing – updating to include Stage 5	This plan applies to whole site (Stages 2-5B)	Expected submission by end August 2021 (post CCC mtg)	Y Shellharbour & Kiama councils and CCC	Submission pending No response from DPIE re endorsement of consultants.	N
Schedule 3 Condition 56	Traffic Management Plan DA-195-8-2004-PA-19	New	This plan applies only to Stages 5A and 5B	Submitted 24 May 2021	Y TfNSW, Kiama & Shellharbour councils	Consultant endorsed by DPIE. Kiama Council has approved. Shellharbour no response. TfNSW no concerns.	Y Critical path: Cannot commence Stage 5A construction unless approved
Schedule 3 Condition 61	Landscaping Plan	Existing – no updates required	-	Completed and approved by DPIE	N/A	Completed & approved	N/A
Schedule 3 Condition 68	Waste Management Plan DA-195-8-2004-PA-15	Existing – updating to include Stage 5	This plan applies to whole site (Stages 2-5B)	Submitted 18 May 2021	Y EPA	No comments from EPA- no further action. Approval pending from DPIE.	N