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Environmental Monitoring Report

Water Monitoring

Dunmore Lakes Sand Project

October 2026

This monitoring report is to satisfy the requirements of Section 66 (6) of the Protection of the Environment and Operations Act 1997, to make available, within 14 days of request, any monitoring data that relates to pollution under an Environment Protection Licence.

The monitoring of pollutants provided in this report is undertaken as per the requirements of Environment Protection Licence 11147 (EPL 11147 – Boral Dunmore Lakes Sand Project)

This report provides environmental monitoring data for Dunmore Lakes Sand Project for the period of September 2022 to September 2026.

Dunmore Lakes Sand Project Information	
Premise Details	Boral – Dunmore Lakes Sand Project
Address	Princes Highway, Dunmore NSW, 2529
Licensee	Boral Resources (NSW) PTY LTD
EPL N^{o}	11147
EPL Location	http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=33270&SYSUID=1&LICID=11147

Monitoring data in this report relates to the monitoring undertaken for Water Quality.

Water Monitoring

Water Quality Monitoring is conducted as per condition M2.3 of EPL 11147. The water quality results for the reporting period are tabled below.

Sample Period: September 2026
Licensee: Dunmore Lakes Sand Project
Address: Princes Hwy, Dunmore NSW 2529
EPL No: 11147

Location	Monitoring Frequency	Results received	Pollutant	Measurement	Unit	Comments
Monitoring Point 9 DW16	Daily during discharge	September 2026	pH TSS	-	pH mg/L	No discharge

Historical Results

Location	Monitoring Frequency	Results received	Pollutant	Measurement	Unit	Comments
Monitoring Point 9 DW16	Daily during discharge	August 2026	pH TSS	-	pH mg/L	No discharge
Monitoring Point 9 DW16	Daily during discharge	July 2026	pH TSS	-	pH mg/L	No discharge
Monitoring Point 9 DW16	Daily during discharge	June 2026	pH TSS	-	pH mg/L	No discharge
Monitoring Point 9 DW16	Daily during discharge	May 2026	pH TSS	-	pH mg/L	No discharge
Monitoring Point 9 DW16	Daily during discharge	April 2026	pH TSS	-	pH mg/L	No discharge
Monitoring Point 9 DW16	Daily during discharge	March 2026	pH TSS	-	pH mg/L	No discharge
Monitoring Point 9 DW16	Daily during discharge	February 2026	pH TSS	-	pH mg/L	No discharge
Monitoring Point 9 DW16	Daily during discharge (22/01/2026)	04/02/2026	pH TSS	8.20 15	pH mg/L	Uncontrolled discharge event due to heavy rain (117mm in 24h)
Monitoring Point 9 DW16	Daily during discharge (21/01/2026)	04/02/2026	pH TSS	8.21 14	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (20/01/2026)	31/01/2026	pH TSS	8.32 12	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (19/01/2026)	31/01/2026	pH TSS	8.25 31	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (18/01/2026)	30/01/2026	pH TSS	-	pH mg/L	No discharge
Monitoring Point 9 DW16	Daily during discharge	December 2025	pH TSS	-	pH mg/L	No discharge
Monitoring Point 9 DW16	Daily during discharge	November 2025	pH TSS	-	pH mg/L	No discharge
Monitoring Point 9 DW16	Daily during discharge	October 2025	pH TSS	-	pH mg/L	No discharge
Monitoring Point 9 DW16	Daily during discharge (16/09/2025)	23/09/2025	pH TSS	7.84 11	pH mg/L	Uncontrolled discharge event due to continuous heavy rain.
Monitoring Point 9 DW16	Daily during discharge (15/09/2025)	23/09/2025	pH TSS	8.0 12	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (14/09/2025)	23/09/2025	pH TSS	7.95 14	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (13/09/2025)	23/09/2025	pH TSS	7.81 19	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (12/09/2025)	23/09/2025	pH TSS	7.82 16	pH mg/L	

Monitoring Point 9 DW16	Daily during discharge (25/08/2025)	29/08/2025	pH TSS	7.88 6	pH mg/L	Uncontrolled discharge event due to continuous heavy rain.
Monitoring Point 9 DW16	Daily during discharge (24/08/2025)	29/08/2025	pH TSS	7.04 6	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (23/08/2025)	29/08/2025	pH TSS	7.11 10	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (22/08/2025)	27/08/2025	pH TSS	7.65 8	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (21/08/2025)	27/08/2025	pH TSS	7.83 <5	pH mg/L	
Monitoring Point 9 DW16	Weekly until a 200mm freeboard is reached (12/08/2025)	22/08/2025	pH TSS	7.51 <5	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (07/08/2025)	14/08/2025	pH TSS	7.98 9	pH mg/L	Uncontrolled discharge event due to continuous heavy rain.
Monitoring Point 9 DW16	Daily during discharge (06/08/2025)	14/08/2025	pH TSS	7.90 10	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (05/08/2025)	14/08/2025	pH TSS	6.86 10	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (04/08/2025)	13/08/2025	pH TSS	7.80 12	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (03/08/2025)	13/08/2025	pH TSS	7.99 17	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (06/07/2025)	16/07/2025	pH TSS	7.52 10	pH mg/L	Uncontrolled discharge event due to continuous heavy rain.
Monitoring Point 9 DW16	Daily during discharge (05/07/2025)	15/07/2025	pH TSS	7.64 22	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (04/07/2025)	11/07/2025	pH TSS	7.77 10	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (03/07/2025)	10/07/2025	pH TSS	8.06 16	pH mg/L	

Monitoring Point 9 DW16	Daily during discharge (02/07/2025)	10/07/2025	pH TSS	8.18 28	pH mg/L	
Monitoring Point 9 DW16	Weekly until a 200mm freeboard is reached (05/06/2025)	13/06/2025	pH TSS	8.08 8	pH mg/L	Uncontrolled discharge event due to continuous heavy rain.
Monitoring Point 9 DW16	Daily during discharge (29/05/2025)	10/06/2025	pH TSS	8.15 10	pH mg/L	One large ongoing uncontrolled discharge event due to continuous heavy rain.
Monitoring Point 9 DW16	Daily during discharge (28/05/2025)	06/06/2025	pH TSS	7.97 14	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (27/05/2025)	05/06/2025	pH TSS	8.15 14	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (26/05/2025)	03/06/2025	pH TSS	7.92 23	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (01/04/2025)	11/04/2025	pH TSS[1]	8.28 15	pH mg/L	One large ongoing uncontrolled discharge event due to continuous heavy rain.
Monitoring Point 9 DW16	Daily during discharge (02/04/2025)	09/04/2025	pH TSS	8.11 11	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (03/04/2025)	11/04/2025	pH TSS	8.24 <5	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (31/03/2025)	09/04/2025	pH TSS	8.07 15	pH mg/L	One large ongoing uncontrolled discharge event due to continuous heavy rain.
Monitoring Point 9 DW16	26/08/2024	11/02/2025	pH TSS	8.17 12	pH mg/L	Single day, controlled discharge to increase freeboard prior to rain event
	30/07/2024	02/09/2024	pH Total Suspended Solids	7.9 13	pH mg/L	One large ongoing uncontrolled discharge event due to continuous heavy rain.
	29/07/2024	02/09/2024	pH Total Suspended Solids	7.9 18	pH mg/L	
	28/07/2024	02/09/2024	pH Total Suspended Solids	7.9 19	pH mg/L	
	27/07/2024	02/09/2024	pH Total Suspended Solids	7.9 17	pH mg/L	
	26/07/2024	02/09/2024	pH	7.8	pH	

[1] TSS = Total Suspended Solids

		Total Suspended Solids	8	mg/L
24/07/2024	02/09/2024	pH Total Suspended Solids	7.8 15	pH mg/L
23/07/2024	02/09/2024	pH Total Suspended Solids	7.8 20	pH mg/L
22/07/2024	02/09/2024	pH Total Suspended Solids	7.8 19	pH mg/L
21/07/2024	02/09/2024	pH Total Suspended Solids	7.8 25	pH mg/L
20/07/2024	02/09/2024	pH Total Suspended Solids	7.7 24	pH mg/L
19/07/2024	02/09/2024	pH Total Suspended Solids	7.8 16	pH mg/L
18/07/2024	02/09/2024	pH Total Suspended Solids	7.7 19	pH mg/L
17/07/2024	15/08/2024	pH Total Suspended Solids	7.1 19	pH mg/L
16/07/2024	15/08/2024	pH Total Suspended Solids	7.1 21	pH mg/L
15/07/2024	15/08/2024	pH Total Suspended Solids	7 35	pH mg/L
14/07/2024	15/08/2024	pH Total Suspended Solids	7 32	pH mg/L
13/07/2024	15/08/2024	pH Total Suspended Solids	6.8 17	pH mg/L
12/07/2024	15/08/2024	pH Total Suspended Solids	6.7 13	pH mg/L
11/07/2024	15/08/2024	pH Total Suspended Solids	6.9 12	pH mg/L
10/07/2024	07/08/2024	pH Total Suspended Solids	7.6 6	pH mg/L
09/07/2024	07/08/2024	pH Total Suspended Solids	7.6 8	pH mg/L
08/07/2024	07/08/2024	pH Total Suspended Solids	7.6 12	pH mg/L
07/07/2024	07/08/2024	pH Total Suspended Solids	7.6 6	pH mg/L
06/07/2024	07/08/2024	pH Total Suspended Solids	7.6 14	pH mg/L
05/07/2024	26/07/2024	pH Total Suspended Solids	7.7 18	pH mg/L
04/07/2024	26/07/2024	pH Total Suspended Solids	7.5 13	pH mg/L
03/07/2024	26/07/2024	pH Total Suspended Solids	7.5 16	pH mg/L
02/07/2024	26/07/2024	pH Total Suspended Solids	7.6 21	pH mg/L
01/07/2024	26/07/2024	pH Total Suspended Solids	7.5 24	pH mg/L
30/06/2024	26/07/2024	pH Total Suspended Solids	7.6 20	pH mg/L
28/06/2024	26/07/2024	pH	7.5	pH

		Total Suspended Solids	18	mg/L
27/06/2024	26/07/2024	pH Total Suspended Solids	7.5 21	pH mg/L
25/06/2024	26/07/2024	pH Total Suspended Solids	7.5 14	pH mg/L
24/06/2024	26/07/2024	pH Total Suspended Solids	7.5 13	pH mg/L
23/06/2024	26/07/2024	pH Total Suspended Solids	7.4 21	pH mg/L
22/06/2024	26/07/2024	pH Total Suspended Solids	7.4 10	pH mg/L
21/06/2024	26/07/2024	pH Total Suspended Solids	7.4 16	pH mg/L
20/06/2024	26/07/2024	pH Total Suspended Solids	7.4 18	pH mg/L
19/06/2024	26/07/2024	pH Total Suspended Solids	7.5 18	pH mg/L
18/06/2024	26/07/2024	pH Total Suspended Solids	7.4 18	pH mg/L
17/06/2024	26/07/2024	pH Total Suspended Solids	7.5 20	pH mg/L
16/06/2024	26/07/2024	pH Total Suspended Solids	7.5 17	pH mg/L
15/06/2024	26/07/2024	pH Total Suspended Solids	7.5 25	pH mg/L
14/06/2024	26/07/2024	pH Total Suspended Solids	7.5 21	pH mg/L
13/06/2024	26/07/2024	pH Total Suspended Solids	7.5 14	pH mg/L
12/06/2024	26/07/2024	pH Total Suspended Solids	7.3 27	pH mg/L
11/06/2024	26/07/2024	pH Total Suspended Solids	7.4 29	pH mg/L
06/06/2024	26/07/2024	pH Total Suspended Solids	7.6 47	pH mg/L
05/06/2024	26/07/2024	pH Total Suspended Solids	7.5 18	pH mg/L
04/06/2024	26/07/2024	pH Total Suspended Solids	7.6 15	pH mg/L
03/06/2024	26/07/2024	pH Total Suspended Solids	7.6 13	pH mg/L
02/06/2024	26/07/2024	pH Total Suspended Solids	7.6 23	pH mg/L
01/06/2024	26/07/2024	pH Total Suspended Solids	7.6 9	pH mg/L
31/05/2024	26/07/2024	pH Total Suspended Solids	7.6 6	pH mg/L
30/05/2024	26/07/2024	pH Total Suspended Solids	7.6 12	pH mg/L
28/05/2024	26/07/2024	pH Total Suspended Solids	7.6 14	pH mg/L
27/05/2024	26/07/2024	pH	7.7	pH

			Total Suspended Solids	12	mg/L	
	26/05/2024	26/07/2024	pH Total Suspended Solids	7.7 11	pH mg/L	
	25/05/2024	26/07/2024	pH Total Suspended Solids	7.6 10	pH mg/L	
	24/05/2024	26/07/2024	pH Total Suspended Solids	7.6 8	pH mg/L	
	23/05/2024	26/07/2024	pH Total Suspended Solids	7.5 5	pH mg/L	
	22/05/2024	26/07/2024	pH Total Suspended Solids	7.5 21	pH mg/L	
	21/05/2024	26/07/2024	pH Total Suspended Solids	7.4 48	pH mg/L	
	20/05/2024	26/07/2024	pH Total Suspended Solids	7.4 14	pH mg/L	
	19/05/2024	26/07/2024	pH Total Suspended Solids	7.5 16	pH mg/L	
	18/05/2024	26/07/2024	pH Total Suspended Solids	7.4 9	pH mg/L	
	17/05/2024	26/07/2024	pH Total Suspended Solids	7.4 20	pH mg/L	
	16/05/2024	26/07/2024	pH Total Suspended Solids	7.4 26	pH mg/L	
	15/05/2024	26/07/2024	pH Total Suspended Solids	7.4 27	pH mg/L	
	14/05/2024	26/07/2024	pH Total Suspended Solids	7.4 28	pH mg/L	
	13/05/2024	26/07/2024	pH Total Suspended Solids	7.4 33	pH mg/L	
	10/05/2024	26/07/2024	pH Total Suspended Solids	7.4 26	pH mg/L	
	09/05/2024	26/07/2024	pH Total Suspended Solids	7.3 38	pH mg/L	
	08/05/2024	26/07/2024	pH Total Suspended Solids	7.4 13	pH mg/L	
	07/05/2024	26/07/2024	pH Total Suspended Solids	7.2 17	pH mg/L	
	06/05/2024	26/07/2024	pH Total Suspended Solids	7.2 23	pH mg/L	
	05/05/2024	26/07/2024	pH Total Suspended Solids	7.4 25	pH mg/L	
	04/05/2024	26/07/2024	pH Total Suspended Solids	7.4 25	pH mg/L	
	03/05/2024	26/07/2024	pH Total Suspended Solids	7.2 13	pH mg/L	
Monitoring Point 9 DW16	12/04/2024	10/05/2024	pH Total Suspended Solids Turbidity	7.1 15 17	pH mg/L NTU	One large ongoing uncontrolled discharge event after heavy rainfall.
	11/04/2024	10/05/2024	pH Total Suspended Solids Turbidity	7.1 109 34	pH mg/L NTU	

	10/04/2024	10/05/2024	pH Total Suspended Solids Turbidity	7.1 24 32	pH mg/L NTU	
	09/04/2024	10/05/2024	pH Total Suspended Solids Turbidity	7.1 37 29	pH mg/L NTU	
	08/04/2024	01/05/2024	pH Total Suspended Solids Turbidity	7.1 19 16	pH mg/L NTU	
Monitoring Point 9 DW16	19/03/2024	07/05/2024	pH Total Suspended Solids Turbidity	7 14 6.5	pH mg/L NTU	One large ongoing uncontrolled discharge event after heavy rainfall.
Monitoring Point 9 DW16	09/02/2024		pH Total Suspended Solids Turbidity	7.9 18 6.2	pH mg/L NTU	Uncontrolled discharge ended on 04/02/2024 and controlled discharge initiated on 06/02/2024.
	08/02/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.8 30 9.7	pH mg/L NTU	
	07/02/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.6 28 8	pH mg/L NTU	
	06/02/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.7 29 6.8	pH mg/L NTU	
Monitoring Point 9 DW16	04/02/2024	22/3/2024	pH Total Suspended Solids Turbidity	8 27 4.9	pH mg/L NTU	One large ongoing uncontrolled discharge event after heavy rainfall.
	03/02/2024	22/3/2024	pH Total Suspended Solids Turbidity	8 28 4.4	pH mg/L NTU	
	02/02/2024	22/3/2024	pH Total Suspended Solids Turbidity	ND ND ND	pH mg/L NTU	
	01/02/2024	22/3/2024	pH Total Suspended Solids Turbidity	8 19 5	pH mg/L NTU	
	30/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.8 11 6.7	pH mg/L NTU	
	29/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	8 5 6	pH mg/L NTU	
	28/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.8 11 5.7	pH mg/L NTU	
	27/01/2024	22/3/2024	pH Total Suspended Solids	7.7 5	pH mg/L	

		Turbidity	3.8	NTU	
	26/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.9 6 3.9	pH mg/L NTU	
	25/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	8 5 4.9	pH mg/L NTU	
	24/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.9 14 4	pH mg/L NTU	
	23/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.9 14 7.2	pH mg/L NTU	
	22/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.7 28 5.8	pH mg/L NTU	
Monitoring Point 9 DW16	20/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	8.1 15 6.4	pH mg/L NTU	One large ongoing uncontrolled discharge event after heavy rainfall.
	19/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.5 14 3.4	pH mg/L NTU	
	18/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	8 11 1.2	pH mg/L NTU	
	17/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.6 11 5.2	pH mg/L NTU	
	16/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.6 18 7.2	pH mg/L NTU	
	15/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.5 14 5	pH mg/L NTU	
	14/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.5 8 3.5	pH mg/L NTU	
	13/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.7 15 4.2	pH mg/L NTU	
	12/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.5 9 3.3	pH mg/L NTU	
	11/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.5 7 3.4	pH mg/L NTU	
	10/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.8 17 3.3	pH mg/L NTU	
	09/01/2024	22/3/2024	pH Total Suspended Solids	7.5 13	pH mg/L	

			Turbidity	2.5	NTU	
	08/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.4 18 4.9	pH mg/L NTU	
	07/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.3 14 3	pH mg/L NTU	
	06/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.4 17 7.4	pH mg/L NTU	
	05/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.3 16 4.5	pH mg/L NTU	
	04/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.1 6 2.2	pH mg/L NTU	
	03/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.2 8 3.8	pH mg/L NTU	
	02/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.5 7 4.9	pH mg/L NTU	
	01/01/2024	22/3/2024	pH Total Suspended Solids Turbidity	7.2 11 6.5	pH mg/L NTU	
Monitoring Point 9 DW16	29/12/2023	04/03/2024	pH Total Suspended Solids Turbidity	7.3 6 3.3	pH mg/L NTU	One large ongoing uncontrolled discharge event after heavy rainfall.
	27/12/2023	04/03/2024	pH Total Suspended Solids Turbidity	7.5 11 12	pH mg/L NTU	
	25/12/2023	04/03/2024	pH Total Suspended Solids Turbidity	7.8 18 12	pH mg/L NTU	
	24/12/2023	04/03/2024	pH Total Suspended Solids Turbidity	7.8 5 5.7	pH mg/L NTU	
	23/12/2023	04/03/2024	pH Total Suspended Solids Turbidity	7.7 11 9.1	pH mg/L NTU	
	22/12/2023	04/03/2024	pH Total Suspended Solids Turbidity	7.7 4 11	pH mg/L NTU	
	21/12/2023	04/03/2024	pH Total Suspended Solids Turbidity	7.7 18 15	pH mg/L NTU	
	20/12/2023	04/03/2024	pH Total Suspended Solids Turbidity	7.7 17 12	pH mg/L NTU	
	18/12/2023	04/03/2024	pH	7.8	pH	

Monitoring Point 9 DW16			Total Suspended Solids Turbidity	14 4.1	mg/L NTU	Two independent controlled discharge events to increase freeboard prior to rain event.
	15/12/2023	01/02/2024	 pH Total Suspended Solids Turbidity	7.9 15 22	 pH mg/L NTU	
Monitoring Point 9 DW16	05/12/2023	01/02/2024	pH Total Suspended Solids Turbidity	8.3 1.0 3.4	pH mg/L NTU	Associated with an uncontrolled discharge event followed by a controlled discharge event.
	04/12/2023	01/02/2024	pH Total Suspended Solids Turbidity	8.3 3.0 7.4	pH mg/L NTU	
	03/12/2023	01/02/2024	pH Total Suspended Solids Turbidity	8.1 6.0 7.8	pH mg/L NTU	
	02/12/2023	01/02/2024	pH Total Suspended Solids Turbidity	8.2 4.0 10	pH mg/L NTU	
	01/12/2023	01/02/2024	pH Total Suspended Solids Turbidity	8.1 21 19	pH mg/L NTU	
	30/11/2023	01/02/2024	pH Total Suspended Solids Turbidity	8.2 20 25	pH mg/L NTU	
	29/11/2023	01/02/2024	pH Total Suspended Solids Turbidity	8.3 13 16	pH mg/L NTU	
Monitoring Point 9 DW16	16/09/2023	16/10/2023	pH Total Suspended Solids Turbidity	8 17 9.5	pH mg/L NTU	Associated with one ongoing controlled discharge event
	15/09/2023	16/10/2023	pH Total Suspended Solids Turbidity	8 9 6.7	pH mg/L NTU	
	14/09/2023	16/10/2023	pH Total Suspended Solids Turbidity	8.3 19 15	pH mg/L NTU	
	13/09/2023	16/10/2023	pH Total Suspended Solids Turbidity	8.2 7 16	pH mg/L NTU	
	12/09/2023	16/10/2023	pH Total Suspended Solids Turbidity	8.1 11 16	pH mg/L NTU	
	11/09/2023	16/10/2023	pH Total Suspended Solids Turbidity	8.0 10 20	pH mg/L NTU	
Monitoring Point 9 DW20b	22/06/2023	30/06/2023	pH Total suspended solids Turbidity	ND	pH mg/L NTU	There was no instance where 50 mm of rainfall

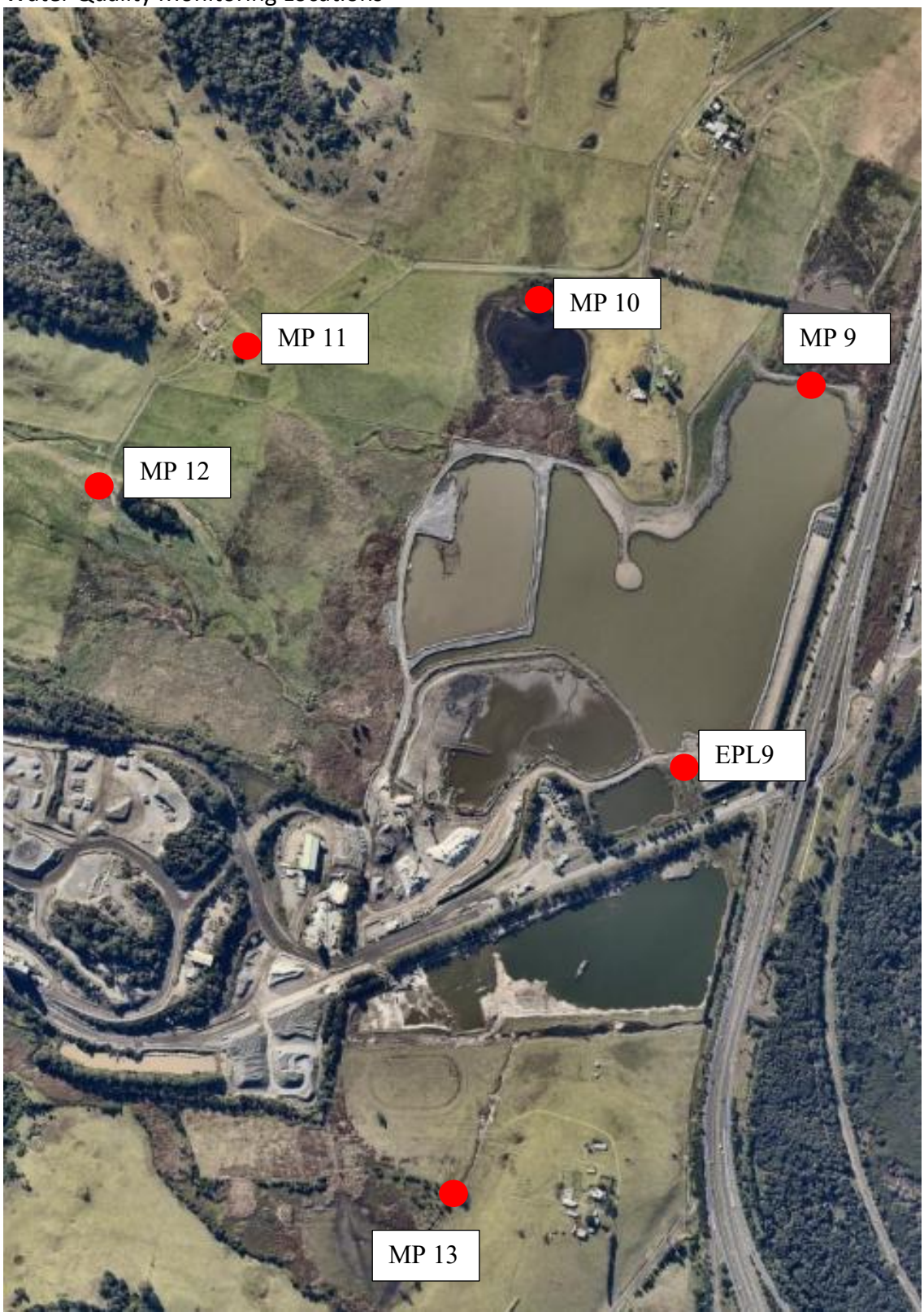
Monitoring Point 10 DW21a	22/06/2023	30/06/2023	pH Total suspended solids Turbidity	7.0 22 19	pH mg/L NTU	was received at the premises within a 48 hour period in June
Monitoring Point 11 EPL12	22/06/2023	30/06/2023	pH Total suspended solids Turbidity	ND	pH mg/L NTU	
Monitoring Point 12 EPL11	22/06/2023	30/06/2023	pH Total suspended solids Turbidity	ND	pH mg/L NTU	
Monitoring Point 18 EPL13	22/06/2023	30/06/2023	pH Total suspended solids Turbidity	6.7 34 45	pH mg/L NTU	
Monitoring Point 9 DW20b	23/05/2023	05/06/2023	pH Total suspended solids Turbidity	7.7 331 45	pH mg/L NTU	There was no instance where 50 mm of rainfall was received at the premises within a 48 hour period in May
Monitoring Point 10 DW21a	23/05/2023	05/06/2023	pH Total suspended solids Turbidity	6.9 10 17	pH mg/L NTU	
Monitoring Point 11 EPL12	23/05/2023	05/06/2023	pH Total suspended solids Turbidity	ND	pH mg/L NTU	
Monitoring Point 12 EPL11	23/05/2023	05/06/2023	pH Total suspended solids Turbidity	ND	pH mg/L NTU	
Monitoring Point 18 EPL13	23/05/2023	05/06/2023	pH Total suspended solids Turbidity	6.6 221 60	pH mg/L NTU	
Monitoring Point 9 DW20b	20/04/2023	03/05/2023	pH Total suspended solids Turbidity	7.5 17 15	pH mg/L NTU	There was no instance where 50 mm of rainfall was received at the premises within a 48 hour period in April
Monitoring Point 10 DW21a	20/04/2023	03/05/2023	pH Total suspended solids Turbidity	6.9 14 7.7	pH mg/L NTU	
Monitoring Point 11 EPL12	20/04/2023	03/05/2023	pH Total suspended solids Turbidity	7.7 10 1.2	pH mg/L NTU	
Monitoring Point 12 EPL11	20/04/2023	03/05/2023	pH Total suspended solids Turbidity	ND	pH mg/L NTU	
Monitoring Point 18 EPL13	20/04/2023	03/05/2023	pH Total suspended solids Turbidity	6.9 32 19	pH mg/L NTU	
Monitoring Point 9 DW20b	23/03/2023	03/04/2023	pH Total suspended solids Turbidity	7.6 22 12	pH mg/L NTU	
Monitoring Point 10 DW21a	23/03/2023	03/04/2023	pH Total suspended solids Turbidity	6.9 24 6.8	pH mg/L NTU	
Monitoring Point 11 EPL12	23/03/2023	03/04/2023	pH Total suspended solids	7.5 70	pH mg/L	

			Turbidity	29	NTU	
Monitoring Point 12 EPL11	23/03/2023	03/04/2023	pH Total suspended solids Turbidity	ND	pH mg/L NTU	
Monitoring Point 18 EPL13	23/03/2023	03/04/2023	pH Total suspended solids Turbidity	6.8 21 7.5	pH mg/L NTU	
Monitoring Point 9 DW20b	15/03/2023	03/04/2023	pH Total suspended solids Turbidity	7.4 31 45	pH mg/L NTU	Monitoring within 24 hours of 50mm rainfall in 48 hour period
Monitoring Point 10 DW21a	15/03/2023	03/04/2023	pH Total suspended solids Turbidity	6.8 27 37	pH mg/L NTU	
Monitoring Point 11 EPL12	15/03/2023	03/04/2023	pH Total suspended solids Turbidity	7.5 24 18	pH mg/L NTU	
Monitoring Point 12 EPL11	15/03/2023	03/04/2023	pH Total suspended solids Turbidity	6.5 5 23	pH mg/L NTU	
Monitoring Point 18 EPL13	15/03/2023	03/04/2023	pH Total suspended solids Turbidity	6.7 33 40	pH mg/L NTU	
Monitoring Point 9 DW20b	23/02/2023	03/04/2023	pH Total suspended solids Turbidity	7.7 13 23	pH mg/L NTU	
Monitoring Point 10 DW21a	23/02/2023	03/04/2023	pH Total suspended solids Turbidity	7.2 13 9.6	pH mg/L NTU	
Monitoring Point 11 EPL12	23/02/2023	03/04/2023	pH Total suspended solids Turbidity	7.5 5 1.6	pH mg/L NTU	
Monitoring Point 12 EPL11	23/02/2023	03/04/2023	pH Total suspended solids Turbidity	ND	pH mg/L NTU	
Monitoring Point 18 EPL13	23/02/2023	03/04/2023	pH Total suspended solids Turbidity	7.2 10 9.4	pH mg/L NTU	
Monitoring Point 9 DW20b	09/02/2023	06/03/2023	pH Total suspended solids Turbidity	7.3 346 400	pH mg/L NTU	
Monitoring Point 10 DW21a	09/02/2023	06/03/2023	pH Total suspended solids Turbidity	7.2 79 90	pH mg/L NTU	Monitoring within 24 hours of 50mm rainfall in 48 hour period
Monitoring Point 11 EPL12	09/02/2023	06/03/2023	pH Total suspended solids Turbidity	7 69 110	pH mg/L NTU	
Monitoring Point 12 EPL11	09/02/2023	06/03/2023	pH Total suspended solids Turbidity	6.6 36 70	pH mg/L NTU	

Monitoring Point 18 EPL13	09/02/2023	06/03/2023	pH Total suspended solids Turbidity	6.9 12 9.7	pH mg/L NTU	
Monitoring Point 9 DW20b	19/01/2023	06/03/2023	pH Total suspended solids Turbidity	7.2 7 4.4	pH mg/L NTU	There was no instance where 50 mm of rainfall was received at the premises within a 48 hour period in January
Monitoring Point 10 DW21a	19/01/2023	06/03/2023	pH Total suspended solids Turbidity	7.0 22 4.8	pH mg/L NTU	
Monitoring Point 11 EPL12	19/01/2023	06/03/2023	pH Total suspended solids Turbidity	ND	pH mg/L NTU	
Monitoring Point 12 EPL11	19/01/2023	06/03/2023	pH Total suspended solids Turbidity	ND	pH mg/L NTU	
Monitoring Point 18 EPL13	19/01/2023	06/03/2023	pH Total suspended solids Turbidity	6.4 37 17	pH mg/L NTU	
Monitoring Point 9 DW20b	15/12/2023	06/02/2023	pH Total suspended solids Turbidity	ND	pH mg/L NTU	There was no instance where 50 mm of rainfall was received at the premises within a 48 hour period in December
Monitoring Point 10 DW21a	15/12/2023	06/02/2023	pH Total suspended solids Turbidity	7.1 42 2.5	pH mg/L NTU	
Monitoring Point 11 EPL12	15/12/2023	06/02/2023	pH Total suspended solids Turbidity	ND	pH mg/L NTU	
Monitoring Point 12 EPL11	15/12/2023	06/02/2023	pH Total suspended solids Turbidity	ND	pH mg/L NTU	
Monitoring Point 18 EPL13	15/12/2023	06/02/2023	pH Total suspended solids Turbidity	7.4 39 12	pH mg/L NTU	
Monitoring Point 9 DW20b	23/11/2023	06/02/2023	pH Total suspended solids Turbidity	7.7 13 50	pH mg/L NTU	There was no instance where 50 mm of rainfall was received at the premises within a 48 hour period in November
Monitoring Point 10 DW21a	23/11/2023	06/02/2023	pH Total suspended solids Turbidity	7.5 17 20	pH mg/L NTU	
Monitoring Point 11 EPL12	23/11/2023	06/02/2023	pH Total suspended solids Turbidity	7.8 39 16	pH mg/L NTU	
Monitoring Point 12 EPL11	23/11/2023	06/02/2023	pH Total suspended solids Turbidity	ND	pH mg/L NTU	
Monitoring Point 18 EPL13	23/11/2023	06/02/2023	pH Total suspended solids Turbidity	7.5 73 50	pH mg/L NTU	

Monitoring Point 9 DW20b	25/10/2022	8/12/2022	pH Total suspended solids Turbidity	7.4 17 21	pH mg/L NTU	Monitoring within 24 hours of 50mm rainfall in 48 hour period
Monitoring Point 10 DW21a	25/10/2022	8/12/2022	pH Total suspended solids Turbidity	7.2 18 24	pH mg/L NTU	
Monitoring Point 11 EPL12	25/10/2022	8/12/2022	pH Total suspended solids Turbidity	7.0 22 27	pH mg/L NTU	
Monitoring Point 12 EPL11	25/10/2022	8/12/2022	pH Total suspended solids Turbidity	7.7 45 60	pH mg/L NTU	
Monitoring Point 18 EPL13	25/10/2022	8/12/2022	pH Total suspended solids Turbidity	7.1 31 26	pH mg/L NTU	
Monitoring Point 9 DW20b	22/10/2022	8/12/2022	pH Total suspended solids Turbidity	7.3 50 27	pH mg/L NTU	Monitoring within 24 hours of 50mm rainfall in 48 hour period
Monitoring Point 10 DW21a	22/10/2022	8/12/2022	pH Total suspended solids Turbidity	6.8 34 18	pH mg/L NTU	
Monitoring Point 11 EPL12	22/10/2022	8/12/2022	pH Total suspended solids Turbidity	7.6 12 11	pH mg/L NTU	
Monitoring Point 12 EPL11	22/10/2022	8/12/2022	pH Total suspended solids Turbidity	7.5 5 15	pH mg/L NTU	
Monitoring Point 18 EPL13	22/10/2022	8/12/2022	pH Total suspended solids Turbidity	6.9 54 19	pH mg/L NTU	
Monitoring Point 9 DW20b	10/10/2022	8/12/2022	pH Total suspended solids Turbidity	7.7 36 40	pH mg/L NTU	Monitoring within 24 hours of 50mm rainfall in 48 hour period
Monitoring Point 10 DW21a	10/10/2022	8/12/2022	pH Total suspended solids Turbidity	6.9 27 36	pH mg/L NTU	
Monitoring Point 11 EPL12	10/10/2022	8/12/2022	pH Total suspended solids Turbidity	7.8 96 90	pH mg/L NTU	
Monitoring Point 12 EPL11	10/10/2022	8/12/2022	pH Total suspended solids Turbidity	6.6 19 17	pH mg/L NTU	
Monitoring Point 18 EPL13	10/10/2022	8/12/2022	pH Total suspended solids Turbidity	7.3 17 29	pH mg/L NTU	
Monitoring Point 9 DW20b	7/10/2022	8/12/2022	pH Total suspended solids Turbidity	7.8 44 24	pH mg/L NTU	Monitoring within 24 hours of 50mm rainfall in 48 hour period
Monitoring Point 10 DW21a	7/10/2022	8/12/2022	pH Total suspended solids	7.2 54	pH mg/L	

			Turbidity	65	NTU	
Monitoring Point 11 EPL12	7/10/2022	8/12/2022	pH Total suspended solids Turbidity	7.6 17 17	pH mg/L NTU	
Monitoring Point 12 EPL11	7/10/2022	8/12/2022	pH Total suspended solids Turbidity	6.8 26 22	pH mg/L NTU	
Monitoring Point 18 EPL13	7/10/2022	8/12/2022	pH Total suspended solids Turbidity	7.5 33 40	pH mg/L NTU	
Monitoring Point 9 DW20b	30/09/2022	8/11/2022	pH Total suspended solids Turbidity	7.9 30 24	pH mg/L NTU	Monitoring within 24 hours of 50mm rainfall in 48 hour period
Monitoring Point 10 DW21a	30/09/2022	8/11/2022	pH Total suspended solids Turbidity	7.2 28 38	pH mg/L NTU	
Monitoring Point 11 EPL12	30/09/2022	8/11/2022	pH Total suspended solids Turbidity	8.1 24 13	pH mg/L NTU	
Monitoring Point 12 EPL11	30/09/2022	8/11/2022	pH Total suspended solids Turbidity	6.8 10 11	pH mg/L NTU	
Monitoring Point 18 EPL13	30/09/2022	8/11/2022	pH Total suspended solids Turbidity	7.1 29 37	pH mg/L NTU	
Further historical monitoring data relating to water quality can be found in the associated Annual Reviews for each year. Location of the Dunmore Lakes Sand Project Annual Reviews can be found at https://www.boral.com.au/locations/boral-dunmore-operations						

Dunmore Lakes Sand Project Monitoring Locations.

Water Quality Monitoring Locations