

Environmental Monitoring Report

Water Monitoring

Dunmore Lakes Sand Project

October 2025



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 2021 to September 2025.

	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°	11147				
EPL Location	http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.as px?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 2025

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 (16/09/2025)	23/09/2025	рН TSS	7.84 11	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (15/09/2025)	23/09/2025	рН TSS	8.0 12	pH mg/L	Uncontrolled
Monitoring Point 9 DW16	Daily during discharge (14/09/2025)	23/09/2025	pH TSS	7.95 14	pH mg/L	discharge event due to continuous
Monitoring Point 9 DW16	Daily during discharge (13/09/2025)	23/09/2025	pH TSS	7.81 19	pH mg/L	heavy rain.
Monitoring Point 9 DW16	Daily during discharge (12/09/2025)	23/09/2025	рН TSS	7.82 16	pH mg/L	



Historical Results

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Location	Monitoring Frequency	Results received	Pollutant	Measurement	Unit	Comments
Monitoring Point 9 DW16	Daily during discharge (25/08/2025)	29/08/2025	pH TSS	7.88 6	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (24/08/2025)	29/08/2025	pH TSS	7.04 6	pH mg/L	Uncontrolled
Monitoring Point 9 DW16	Daily during discharge (23/08/2025)	29/08/2025	pH TSS	7.11 10	pH mg/L	discharge event due to continuous
Monitoring Point 9 DW16	Daily during discharge (22/08/2025)	27/08/2025	pH TSS	7.65 8	pH mg/L	heavy rain.
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	рН TSS	7.98 9	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (06/08/2025)	14/08/2025	pH TSS	7.90 10	pH mg/L	Uncontrolled discharge event due to continuous
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	heavy rain.
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
Monitoring Point 9 DW16	Daily during discharge (05/07/2025)	15/07/2025	pH TSS	7.64 22	pH mg/L	discharge event due to continuous
Monitoring Point 9 DW16	Daily during discharge (04/07/2025)	11/07/2025	pH TSS	7.77 10	pH mg/L	heavy rain.



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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
Monitoring Point 9 DW16	Daily during discharge (28/05/2025)	06/06/2025	pH TSS	7.97 14	pH mg/L	ongoing uncontrolled
Monitoring Point 9 DW16	Daily during discharge (27/05/2025)	05/06/2025	pH TSS	8.15 14	pH mg/L	discharge event due to continuous
Monitoring Point 9 DW16	Daily during discharge (26/05/2025)	03/06/2025	pH TSS	7.92 23	pH mg/L	heavy rain.
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
Monitoring Point 9 DW16	Daily during discharge (02/04/2025)	09/04/2025	pH TSS	8.11 11	pH mg/L	uncontrolled discharge event due to
Monitoring Point 9 DW16	Daily during discharge (03/04/2025)	11/04/2025	pH TSS	8.24 <5	pH mg/L	continuous heavy rain.
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	7.9	pH	One large
	29/07/2024	02/09/2024	Total Suspended Solids pH	13 7.9	mg/L pH	ongoing
			Total Suspended Solids	18	mg/L	uncontrolled discharge event
	28/07/2024	02/09/2024	pH Total Suspended Solids	7.9 19	pH mg/L	due to
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¹ TSS = Total Suspended Solids



02/09/2024 27/07/2024 7.9 рΗ **Total Suspended Solids** 17 mg/L 26/07/2024 7.8 02/09/2024 рΗ **Total Suspended Solids** 8 mg/L 24/07/2024 02/09/2024 7.8 рΗ **Total Suspended Solids** 15 mg/L 7.8 23/07/2024 02/09/2024 рΗ **Total Suspended Solids** 20 mg/L 22/07/2024 7.8 02/09/2024 рΗ рΗ **Total Suspended Solids** 19 mg/L 21/07/2024 02/09/2024 7.8 рΗ **Total Suspended Solids** 25 mg/L 20/07/2024 7.7 рΗ 02/09/2024 рΗ **Total Suspended Solids** 24 mg/L 19/07/2024 02/09/2024 7.8 На рΗ **Total Suspended Solids** 16 mg/L 18/07/2024 02/09/2024 7.7 рΗ рΗ 19 **Total Suspended Solids** mg/L 17/07/2024 15/08/2024 7.1 рΗ **Total Suspended Solids** 19 mg/L 7.1 16/07/2024 15/08/2024 рΗ **Total Suspended Solids** 21 mg/L 15/07/2024 7 15/08/2024 рΗ рΗ **Total Suspended Solids** 35 mg/L 14/07/2024 15/08/2024 7 рΗ **Total Suspended Solids** 32 mg/L 13/07/2024 15/08/2024 6.8 рΗ рН **Total Suspended Solids** 17 mg/L 12/07/2024 15/08/2024 рΗ 6.7 рΗ **Total Suspended Solids** 13 mg/L 11/07/2024 15/08/2024 6.9 рΗ Нα **Total Suspended Solids** 12 mg/L 10/07/2024 07/08/2024 7.6 рΗ **Total Suspended Solids** 6 mg/L 09/07/2024 07/08/2024 рΗ 7.6 рΗ **Total Suspended Solids** 8 mg/L 08/07/2024 7.6 07/08/2024 рΗ **Total Suspended Solids** 12 mg/L 7.6 07/07/2024 07/08/2024 рΗ **Total Suspended Solids** 6 mg/L 06/07/2024 07/08/2024 7.6 рΗ рΗ **Total Suspended Solids** 14 mg/L 05/07/2024 26/07/2024 7.7 рΗ **Total Suspended Solids** 18 mg/L 04/07/2024 26/07/2024 7.5 рΗ Ηg 13 **Total Suspended Solids** mg/L 03/07/2024 26/07/2024 7.5 рΗ **Total Suspended Solids** 16 mg/L 02/07/2024 26/07/2024 7.6 рΗ На **Total Suspended Solids** 21 mg/L 01/07/2024 26/07/2024 7.5 рΗ Total Suspended Solids 24 mg/L

continuous heavy rain.



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



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	28/05/2024	26/07/2024	рН	7.6	рН
			Total Suspended Solids	14	mg/L
	27/05/2024	26/07/2024	рН	7.7	рН
			Total Suspended Solids	12	mg/L
	26/05/2024	26/07/2024	pH	7.7	pH
			Total Suspended Solids	11	mg/L
	25/05/2024	26/07/2024	рН	7.6	рН
			Total Suspended Solids	10	mg/L
	24/05/2024	26/07/2024	рН	7.6	рН
			Total Suspended Solids	8	mg/L
	23/05/2024	26/07/2024	рН	7.5	рН
			Total Suspended Solids	5	mg/L
	22/05/2024	26/07/2024	рН	7.5	рН
			Total Suspended Solids	21	mg/L
	21/05/2024	26/07/2024	рН	7.4	рН
			Total Suspended Solids	48	mg/L
	20/05/2024	26/07/2024	рН	7.4	рН
			Total Suspended Solids	14	mg/L
	19/05/2024	26/07/2024	pH	7.5	рН
			Total Suspended Solids	16	mg/L
	18/05/2024	26/07/2024	рН	7.4	рН
			Total Suspended Solids	9	mg/L
	17/05/2024	26/07/2024	рН	7.4	рН
			Total Suspended Solids	20	mg/L
	16/05/2024	26/07/2024	рН	7.4	рН
			Total Suspended Solids	26	mg/L
	15/05/2024	26/07/2024	рН	7.4	рН
			Total Suspended Solids	27	mg/L
	14/05/2024	26/07/2024	рН	7.4	рН
			Total Suspended Solids	28	mg/L
	13/05/2024	26/07/2024	рН	7.4	рН
			Total Suspended Solids	33	mg/L
	10/05/2024	26/07/2024	рН	7.4	рН
			Total Suspended Solids	26	mg/L
	09/05/2024	26/07/2024	рН	7.3	рН
			Total Suspended Solids	38	mg/L
	08/05/2024	26/07/2024	рН	7.4	рН
			Total Suspended Solids	13	mg/L
	07/05/2024	26/07/2024	рН	7.2	рН
			Total Suspended Solids	17	mg/L
	06/05/2024	26/07/2024	рН	7.2	рН
			Total Suspended Solids	23	mg/L
	05/05/2024	26/07/2024	pH	7.4	рН
			Total Suspended Solids	25	mg/L
	04/05/2024	26/07/2024	рН	7.4	рН
			Total Suspended Solids	25	mg/L
	03/05/2024	26/07/2024	рН	7.2	рН
			Total Suspended Solids	13	mg/L
Monitoring	12/04/2024	10/05/2024	рН	7.1	рН
Point 9 DW16	12,07,2024	10,00,2024	Total Suspended Solids	15	mg/L
			Turbidity	17	NTU
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	11/04/2024	10/05/2024	рН	7.1	рН	discharge event
			Total Suspended Solids	109	mg/L	after heavy
			Turbidity	34	NTU	rainfall.
	10/04/2024	10/05/2024	рН	7.1	рН	
			Total Suspended Solids	24	mg/L	
			Turbidity	32	NTU	
	09/04/2024	10/05/2024	рН	7.1	pН	
			Total Suspended Solids	37	mg/L	
			Turbidity	29	NTU	
	08/04/2024	01/05/2024	рН	7.1	рН	
			Total Suspended Solids	19	mg/L	
			Turbidity	16	NTU	
						One large
						ongoing
Monitoring	19/03/2024	07/05/2024		7		uncontrolled
Point 9 DW16			рН	14	рН	discharge event
			Total Suspended Solids	6.5	mg/L	after heavy
			Turbidity		NTU	rainfall.
	1		1			
Monitoring	09/02/2024		рН	7.9	pН	
Point 9 DW16			Total Suspended Solids	18	mg/L	
			Turbidity	6.2	NTU	Uncontrolled
	08/02/2024	22/3/2024	рН	7.8	рН	discharge ended
			Total Suspended Solids	30	mg/L	on 04/02/2024
			Turbidity	9.7	NTU	and controlled
	07/02/2024	22/3/2024	рН	7.6	рН	
			Total Suspended Solids	28	mg/L	discharge initiated on
			Turbidity	8	NTU	06/02/2024.
	06/02/2024	22/3/2024	рН	7.7	pН	06/02/2024.
			Total Suspended Solids	29	mg/L	
			Turbidity	6.8	NTU	
Monitoring	04/02/2024	22/3/2024	рН	8	рН	
Point 9 DW16			Total Suspended Solids	27	mg/L	
			Turbidity	4.9	NTU	
	03/02/2024	22/3/2024	рН	8	рН	
			Total Suspended Solids	28	mg/L	
			Turbidity	4.4	NTU	
	02/02/2024	22/3/2024	рН	ND	pН	
			Total Suspended Solids	ND	mg/L	One large
			Turbidity	ND	NTU	ongoing
	01/02/2024	22/3/2024	рН	8	pН	uncontrolled
			Total Suspended Solids	19	mg/L	discharge event
			Turbidity	5	NTU	after heavy
	30/01/2024	22/3/2024	рН	7.8	рН	rainfall.
			Total Suspended Solids	11	mg/L	
			Turbidity	6.7	NTU	
	29/01/2024	22/3/2024	рН	8	pH	1
			Total Suspended Solids	5	mg/L	
			Turbidity	6	NTU	
	28/01/2024	22/3/2024	рН	7.8	pH	1
	10,01,2024	, 5, 252 .	Total Suspended Solids	11	mg/L	
		1	. Star Sasperiaca Solias			1



		Turbidity	5.7	NTU
27/01/2024	22/3/2024	рН	7.7	рН
		Total Suspended Solids	5	mg/L
		Turbidity	3.8	NTU
26/01/2024	22/3/2024	рН	7.9	рН
		Total Suspended Solids	6	mg/L
		Turbidity	3.9	NTU
25/01/2024	22/3/2024	рН	8	рН
		Total Suspended Solids	5	mg/L
		Turbidity	4.9	NTU
24/01/2024	22/3/2024	рН	7.9	рН
		Total Suspended Solids	14	mg/L
		Turbidity	4	NTU
23/01/2024	22/3/2024	рН	7.9	рН
		Total Suspended Solids	14	mg/L
		Turbidity	7.2	NTU
22/01/2024	22/3/2024	рН	7.7	рН
		Total Suspended Solids	28	mg/L
		Turbidity	5.8	NTU

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Monitoring	20/01/2024	22/3/2024	pH	8.1	pН	
Point 9 DW16			Total Suspended Solids	15	mg/L	
			Turbidity	6.4	NTU	
	19/01/2024	22/3/2024	pН	7.5	рН	
			Total Suspended Solids	14	mg/L	
			Turbidity	3.4	NTU	
	18/01/2024	22/3/2024	рН	8	рН	
			Total Suspended Solids	11	mg/L	
			Turbidity	1.2	NTU	
	17/01/2024	22/3/2024	рН	7.6	рН	
			Total Suspended Solids	11	mg/L	
			Turbidity	5.2	NTU	
	16/01/2024	22/3/2024	рН	7.6	рН	
			Total Suspended Solids	18	mg/L	One large
			Turbidity	7.2	NTU	ongoing
	15/01/2024	22/3/2024	рН	7.5	рН	uncontrolled
			Total Suspended Solids	14	mg/L	discharge event
			Turbidity	5	NTU	after heavy
	14/01/2024	22/3/2024	рН	7.5	рН	rainfall.
			Total Suspended Solids	8	mg/L	
			Turbidity	3.5	NTU	
	13/01/2024	22/3/2024	рН	7.7	рН	
			Total Suspended Solids	15	mg/L	
			Turbidity	4.2	NTU	
	12/01/2024	22/3/2024	рН	7.5	рН	
			Total Suspended Solids	9	mg/L	
			Turbidity	3.3	NTU	
	11/01/2024	22/3/2024	pH	7.5	рН	
			Total Suspended Solids	7	mg/L	
			Turbidity	3.4	NTU	
	10/01/2024	22/3/2024	pH	7.8	рН	
			Total Suspended Solids	17	mg/L	



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Total Suspended Solids				Turbidity	3.3	NTU	
Total Suspended Solids		09/01/2024	22/3/2024	рН	7.5	рН	
Note				Total Suspended Solids	13	1 -	
Total Suspended Solids					2.5	NTU	
Turbidity		08/01/2024	22/3/2024	pН	7.4	рН	
07/01/2024 22/3/2024				Total Suspended Solids	18	mg/L	
Total Suspended Solids				Turbidity	4.9	NTU	
Monitoring		07/01/2024	22/3/2024	рН	7.3	рН	
Monitoring Point 9 DW16				Total Suspended Solids		mg/L	
Total Suspended Solids				Turbidity	3	NTU	
Note		06/01/2024	22/3/2024	•		1 -	
D5/01/2024 22/3/2024				-			
Total Suspended Solids				Turbidity	7.4	NTU	
NTU O4/01/2024 22/3/2024 PH Total Suspended Solids Turbidity C2.2 NTU PH Total Suspended Solids Turbidity C2.2 NTU PH Total Suspended Solids Turbidity C2.2 NTU PH Total Suspended Solids S8 mg/L Turbidity C2.2 NTU PH Total Suspended Solids Turbidity C3.3 NTU PH Total Suspended Solids Turbidity C4.9 NTU PH Total Suspended Solids Turbidity Turbidity Turbidity Turbidity Total Suspended Solids Turbidity Total Suspended Solids Turbidity Total Suspended Solids Turbidity Turbidity Turbidity Total Suspended Solids Turbidity Turbidity		05/01/2024	22/3/2024	•		1 -	
Monitoring Point 9 DW16 29/12/2023 04/03/2024 pH Total Suspended Solids Turbidity 12 NTU				- I			
Total Suspended Solids						-	
Monitoring Point 9 DW16		04/01/2024	22/3/2024	•		1 -	
03/01/2024 22/3/2024 pH Total Suspended Solids R mg/L				-			
Total Suspended Solids Sample NTU				·		-	
Monitoring Point 9 DW16		03/01/2024	22/3/2024			1 -	
Monitoring Point 9 DW16 PH Total Suspended Solids Turbidity Map Ma							
Total Suspended Solids Turbidity Total Suspended Solids Turbidity Turbidity Total Suspended Solids Turbidity Total Suspended Solids Turbidity		/- / / /	00/0/000			-	_
Monitoring Point 9 DW16 29/12/2023 04/03/2024 pH Total Suspended Solids Turbidity 12 NTU 25/12/2023 04/03/2024 pH Total Suspended Solids Turbidity 12 NTU 24/12/2023 04/03/2024 pH Total Suspended Solids Turbidity 12 NTU 23/12/2023 04/03/2024 pH Total Suspended Solids Turbidity 12 NTU 24/12/2023 04/03/2024 pH Total Suspended Solids Turbidity 12 NTU 24/12/2023 04/03/2024 pH Total Suspended Solids Turbidity 12 NTU NTU 12 NTU 13 NTU 14 NTU 15 NTU		02/01/2024	22/3/2024			-	
Monitoring Point 9 DW16 29/12/2023 04/03/2024 pH Total Suspended Solids Turbidity Turbidity Total Suspended Solids							
Monitoring Point 9 DW16 29/12/2023 04/03/2024 pH 7.3 pH Total Suspended Solids 11 mg/L NTU		04 /04 /2024	22/2/2024	·		-	_
Monitoring Point 9 DW16		01/01/2024	22/3/2024	•		I	
Monitoring				- I			
Point 9 DW16 Total Suspended Solids 1 mg/L NTU				Turblatty	0.5	NIO	
Point 9 DW16 Total Suspended Solids 1 mg/L NTU	Monitoring	20/12/2022	04/02/2024	nU	7.2	nЦ	
Turbidity 3.3 NTU	_	29/12/2023	04/03/2024	-		-	
27/12/2023 04/03/2024 pH 7.5 pH mg/L NTU	POINT 9 DVV16			·			
Total Suspended Solids 11		27/12/2022	04/03/2024				
Turbidity 12		27/12/2023	04/03/2024				
25/12/2023 04/03/2024 pH 7.8 pH mg/L NTU							
Total Suspended Solids Turbidity 24/12/2023		25/12/2023	04/03/2024				
Turbidity 12		23, 12, 2023	0 1, 03, 202 1	•			
24/12/2023 04/03/2024 pH 7.8 pH mg/L NTU 23/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids Turbidity 9.1 NTU 22/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 4 mg/L Turbidity 11 NTU 21/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 4 mg/L Turbidity 11 NTU 21/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 18 mg/L Turbidity 15 NTU 20/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 18 mg/L Turbidity 15 NTU 20/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 17 mg/L Total Suspended Solids 17 mg/L Total Suspended Solids 18 mg/L Total Suspended Solids 17 mg/L Total Suspended Solids 18 mg/L Total Suspended Solids 17 mg/L Total Suspended Solids 18 mg/L Total Suspended Solids 17 mg/L Total Suspended Solids 17 mg/L Total Suspended Solids 18 mg/L Total Suspended Solids 17 mg/L Total Suspended Solids 17 mg/L Total Suspended Solids 18 mg/L Total Suspended Solids 17 mg/L Total Suspended Solids 17 mg/L Total Suspended Solids 18 mg/L Total Suspended Solids 17 mg/L Total Suspended Solids 18 mg/L Total Suspended Solids 17 mg/L Total Suspended Solids 18 mg/L Total Suspended Solids 17 mg/L Total Suspended Solids 18 mg/L Total Suspended Solids 18 mg/L Total Suspended Solids 17 mg/L Total Suspended Solids 18 mg/L Total Suspended Solids 17 mg/L Total Suspended Solids 18 mg/L Total Suspended Solids 17 mg/L Total Suspended Solids 18 mg/L Total S				-			
Total Suspended Solids Turbidity 23/12/2023 04/03/2024 pH Total Suspended Solids Turbidity 22/12/2023 04/03/2024 pH Total Suspended Solids Turbidity 9.1 NTU 22/12/2023 04/03/2024 pH Total Suspended Solids Turbidity 11 NTU 21/12/2023 04/03/2024 pH Total Suspended Solids Turbidity pH Total Suspended Solids Turbidity 11 NTU 21/12/2023 04/03/2024 pH Total Suspended Solids Turbidity Turbidity 15 NTU 20/12/2023 04/03/2024 pH Total Suspended Solids 17 pH Total Suspended Solids 17 pH Total Suspended Solids 17		24/12/2023	04/03/2024				_
Turbidity 5.7 NTU 23/12/2023 04/03/2024 pH 7.7 pH mg/L after heavy rainfall. 22/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 11 mg/L Turbidity 11 NTU 21/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 18 mg/L Turbidity 15 NTU 20/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 18 mg/L Turbidity 15 NTU 20/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 18 mg/L Turbidity 15 NTU 20/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 17 mg/L		' '	, ,	•			
23/12/2023 04/03/2024 pH 7.7 pH mg/L after heavy rainfall.				-			
Total Suspended Solids Turbidity 9.1 22/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids Turbidity 11 NTU 21/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids Turbidity 11 NTU 21/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 18 mg/L Turbidity 15 NTU 20/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 17 mg/L		23/12/2023	04/03/2024	·		•	_
Turbidity 9.1 NTU 22/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 4 mg/L Turbidity 11 NTU 21/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 18 mg/L Turbidity 15 NTU 20/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 17 mg/L					11		7
Total Suspended Solids Turbidity 11 NTU 21/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids Turbidity 15 NTU 20/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids Turbidity 15 NTU 20/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 17 mg/L					9.1		raintail.
Total Suspended Solids Turbidity 21/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids Turbidity 11 NTU 7.7 pH Total Suspended Solids Turbidity 15 NTU 20/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids Turbidity 15 NTU 7.7 pH Total Suspended Solids Total Suspended Solids Total Suspended Solids		22/12/2023	04/03/2024	·	7.7	рН	
Turbidity 11 NTU 21/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 18 mg/L Turbidity 15 NTU 20/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 17 mg/L				Total Suspended Solids	4	-	
Total Suspended Solids				Turbidity	11	NTU	
Turbidity 15 NTU 20/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 17 mg/L		21/12/2023	04/03/2024	рН	7.7	рН	
20/12/2023 04/03/2024 pH 7.7 pH Total Suspended Solids 17 mg/L				Total Suspended Solids	18	mg/L	
Total Suspended Solids 17 mg/L				Turbidity	15	NTU	
		20/12/2023	04/03/2024	-	7.7	рН	
Turkiditu 12 NTU				Total Suspended Solids	17	mg/L	
Turbidity 12 NTO				Turbidity	12	NTU	

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Monitoring	18/12/2023	04/03/2024	рН	7.8	рН	Two independent
Point 9 DW16			Total Suspended Solids	14	mg/L	controlled
			Turbidity	4.1	NTU	discharge events
	15/12/2023	01/02/2024	рН	7.9	рН	to increase
			Total Suspended Solids	15	mg/L	freeboard prior t
			Turbidity	22	NTU	rain event.
Monitoring	05/12/2023	01/02/2024	рН	8.3	рН	
Point 9 DW16			Total Suspended Solids	1.0	mg/L	
			Turbidity	3.4	NTU	
	04/12/2023	01/02/2024	рН	8.3	рН	
			Total Suspended Solids	3.0	mg/L	
			Turbidity	7.4	NTU	
	03/12/2023	01/02/2024	рН	8.1	рН	
			Total Suspended Solids	6.0	mg/L	
			Turbidity	7.8	NTU	Associated with
	02/12/2023	01/02/2024	рН	8.2	рН	an uncontrolled
			Total Suspended Solids	4.0	mg/L	discharge event
			Turbidity	10	NTU	followed by a
	01/12/2023	01/02/2024	рН	8.1	рН	controlled discharge event.
			Total Suspended Solids	21	mg/L	discharge event.
			Turbidity	19	NTU	
	30/11/2023	01/02/2024	рН	8.2	рН	
			Total Suspended Solids	20	mg/L	
			Turbidity	25	NTU	
	29/11/2023	01/02/2024	рН	8.3	рН	
			Total Suspended Solids	13	mg/L	
			Turbidity	16	NTU	
Monitoring	16/09/2023	16/10/2023	рН	8	рН	
Point 9 DW16			Total Suspended Solids	17	mg/L	
			Turbidity	9.5	NTU	
	15/09/2023	16/10/2023	рН	8	рН	
			Total Suspended Solids	9	mg/L	
			Turbidity	6.7	NTU	
	14/09/2023	16/10/2023	рН	8.3	рН	
			Total Suspended Solids	19	mg/L	Associated with
			Turbidity	15	NTU	one ongoing
	13/09/2023	16/10/2023	рН	8.2	рН	controlled
			Total Suspended Solids	7	mg/L	discharge event
			Turbidity	16	NTU	
	12/09/2023	16/10/2023	рН	8.1	рН	
			Total Suspended Solids	11	mg/L	
			Turbidity	16	NTU	
	11/09/2023	16/10/2023	рН	8.0	рН	
			Total Suspended Solids	10	mg/L	
			Turbidity	20	NTU	
Monitoring	22/06/2023	30/06/2023	рН	ND	рН	There was no
Point 9 DW20b			Total suspended solids		mg/L	instance where



		1	I			1
			Turbidity		NTU	50 mm of rainfall
Monitoring	22/06/2023	30/06/2023	рН	7.0	рН	was received at
Point 10 DW21a			Total suspended solids	22	mg/L	the premises
			Turbidity	19	NTU	within a 48 hour
Monitoring	22/06/2023	30/06/2023	рН	ND	рН	period in June
Point 11 EPL12			Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	22/06/2023	30/06/2023	pH	ND	рН	
Point 12 EPL11	, ,	, ,	Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	22/06/2023	30/06/2023	pH	6.7	рН	
Point 18 EPL13	, ,	,,	Total suspended solids	34	mg/L	
			Turbidity	45	NTU	
	1	I			1110	
Monitoring	23/05/2023	05/06/2023	рН	7.7	рН	
Point 9 DW20b	23/03/2023	03/00/2023	Total suspended solids	331	mg/L	
1011111 3 5 7 7 205			Turbidity	45	NTU	
Monitoring	23/05/2023	05/06/2023	pH	6.9	pH	
Point 10 DW21a	23/03/2023	03/06/2023	Total suspended solids	6.9 10	рн mg/L	Thorowas
POINT TO DWZIA			I			There was no
Manitarina	22/05/2022	05 /06 /2022	Turbidity	17	NTU	instance where
Monitoring	23/05/2023	05/06/2023	pH	ND	pH	50 mm of rainfall
Point 11 EPL12			Total suspended solids		mg/L	was received at
	22/25/2222	05/05/2022	Turbidity	115	NTU	the premises
Monitoring	23/05/2023	05/06/2023	pH	ND	pH ,,	within a 48 hour
Point 12 EPL11			Total suspended solids		mg/L	period in May
		/ /	Turbidity		NTU	
Monitoring	23/05/2023	05/06/2023	pH	6.6	pН	
Point 18 EPL13			Total suspended solids	221	mg/L	
			Turbidity	60	NTU	
		T			1	T
Monitoring	20/04/2023	03/05/2023	рН	7.5	рН	
Point 9 DW20b			Total suspended solids	17	mg/L	
			Turbidity	15	NTU	
Monitoring	20/04/2023	03/05/2023	рН	6.9	рН	
Point 10 DW21a			Total suspended solids	14	mg/L	There was no
			Turbidity	7.7	NTU	instance where
Monitoring	20/04/2023	03/05/2023	рН	7.7	рН	50 mm of rainfall
Point 11 EPL12			Total suspended solids	10	mg/L	was received at
			Turbidity	1.2	NTU	the premises
Monitoring	20/04/2023	03/05/2023	рН	ND	рН	within a 48 hour
Point 12 EPL11			Total suspended solids		mg/L	period in April
			Turbidity		NTU	
Monitoring	20/04/2023	03/05/2023	рН	6.9	рН	
Point 18 EPL13			Total suspended solids	32	mg/L	
			Turbidity	19	NTU	
	•	•	•		•	
Monitoring	23/03/2023	03/04/2023	рН	7.6	рН	
Point 9 DW20b	==, 55, 2525	, -,	Total suspended solids	22	mg/L	
			Turbidity	12	NTU	
Monitoring	23/03/2023	03/04/2023	pH	6.9	pH	
Point 10 DW21a	25,05,2025	33,04,2023	Total suspended solids	24	mg/L	
. 5 10 0 44210			Turbidity	6.8	NTU	
		l	raibidity	0.0	.,,,	J I



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Monitoring	23/03/2023	03/04/2023	рН	7.5	рН	
Point 11 EPL12			Total suspended solids	70	mg/L	
			Turbidity	29	NTU	
Monitoring	23/03/2023	03/04/2023	рН	ND	рН	
Point 12 EPL11	, ,	, ,	Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	23/03/2023	03/04/2023	pH	6.8	рН	-
Point 18 EPL13	23,03,2023	03/04/2023	Total suspended solids	21	mg/L	
101111 10 11 115			Turbidity	7.5	NTU	
			Turblaity	7.5	INTO	
	45 (02 (2022	02/04/2022		7.4	·	
Monitoring	15/03/2023	03/04/2023	pH	7.4	pH ,,	
Point 9 DW20b			Total suspended solids	31	mg/L	
			Turbidity	45	NTU	_
Monitoring	15/03/2023	03/04/2023	рН	6.8	рН	
Point 10 DW21a			Total suspended solids	27	mg/L	
			Turbidity	37	NTU	Monitoring within
Monitoring	15/03/2023	03/04/2023	рН	7.5	рН	Monitoring within
Point 11 EPL12			Total suspended solids	24	mg/L	24 hours of
			Turbidity	18	NTU	50mm rainfall in
Monitoring	15/03/2023	03/04/2023	pH	6.5	рН	48 hour period
Point 12 EPL11			Total suspended solids	5	mg/L	
			Turbidity	23	NTU	
Monitoring	15/03/2023	03/04/2023	pH	6.7	pH	-
Point 18 EPL13	13/03/2023	03/04/2023	Total suspended solids	33	mg/L	
FUIII 18 LFL13			Turbidity	40	NTU	
	<u> </u>		Turbluity	40	NIO	
	T	l /- · /			1	T T
Monitoring	23/02/2023	03/04/2023	pH	7.7	pН	
Point 9 DW20b			Total suspended solids	13	mg/L	
			Turbidity	23	NTU	
Monitoring	23/02/2023	03/04/2023	рН	7.2	рН	
Point 10 DW21a			Total suspended solids	13	mg/L	
			Turbidity	9.6	NTU	
Monitoring	23/02/2023	03/04/2023	рН	7.5	рН	1
Point 11 EPL12			Total suspended solids	5	mg/L	
			Turbidity	1.6	NTU	
Monitoring	23/02/2023	03/04/2023	pH	ND	рН	-
Point 12 EPL11	23,02,2023	03/01/2023	Total suspended solids	110	mg/L	
1011112 21 211			Turbidity		NTU	
Monitoring	23/02/2023	03/04/2023	pH	7.2	pH	-
_	23/02/2023	03/04/2023	•			
Point 18 EPL13			Total suspended solids	10	mg/L	
			Turbidity	9.4	NTU	
	T	T	Г	Г	1	<u> </u>
Monitoring	09/02/2023	06/03/2023	рН	7.3	рН	
Point 9 DW20b			Total suspended solids	346	mg/L	
			Turbidity	400	NTU]
Monitoring	09/02/2023	06/03/2023	рН	7.2	рН	Monitoring
Point 10 DW21a			Total suspended solids	79	mg/L	Monitoring within
			Turbidity	90	NTU	24 hours of
Monitoring	09/02/2023	06/03/2023	pH	7	рН	50mm rainfall in
Point 11 EPL12	, , , , , , , , , , , , , , , , , , ,	, ,	Total suspended solids	69	mg/L	48 hour period
- · · · · · · · · · · · · · · · · · · ·			Turbidity	110	NTU	
Monitoring	09/02/2023	06/03/2023	pH	6.6	pH	
Point 12 EPL11	03,02,2023	30,03,2023	Total suspended solids	36	mg/L	
I OHIL IZ ELLIT			Total suspended solids	30	IIIg/L	j l



			Turbidity	70	NTU	
Monitoring	09/02/2023	06/03/2023	рН	6.9	рН	
Point 18 EPL13			Total suspended solids	12	mg/L	
			Turbidity	9.7	NTU	
					•	
Monitoring	19/01/2023	06/03/2023	рН	7.2	рН	
Point 9 DW20b	, ,		Total suspended solids	7	mg/L	
			Turbidity	4.4	NTU	
Monitoring	19/01/2023	06/03/2023	pH	7.0	рН	
Point 10 DW21a			Total suspended solids	22	mg/L	There was no
			Turbidity	4.8	NTU	instance where
Monitoring	19/01/2023	06/03/2023	pH	ND	рН	50 mm of rainfall
Point 11 EPL12			Total suspended solids		mg/L	was received at
			Turbidity		NTU	the premises
Monitoring	19/01/2023	06/03/2023	pH	ND	рН	within a 48 hour
Point 12 EPL11			Total suspended solids		mg/L	period in January
			Turbidity		NTU	
Monitoring	19/01/2023	06/03/2023	pH	6.4	рН	
Point 18 EPL13			Total suspended solids	37	mg/L	
			Turbidity	17	NTU	
	•		,			
Monitoring	15/12/2023	06/02/2023	На	ND	рН	
Point 9 DW20b	13, 11, 1013	00,02,202	Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	15/12/2023	06/02/2023	pH	7.1	рН	
Point 10 DW21a			Total suspended solids	42	mg/L	There was no
			Turbidity	2.5	NTU	instance where
Monitoring	15/12/2023	06/02/2023	pH	ND	рН	50 mm of rainfall
Point 11 EPL12			Total suspended solids		mg/L	was received at
			Turbidity		NTU	the premises
Monitoring	15/12/2023	06/02/2023	pH	ND	рН	within a 48 hour
Point 12 EPL11			Total suspended solids		mg/L	period in
			Turbidity		NTU	December
Monitoring	15/12/2023	06/02/2023	pH	7.4	рН	
Point 18 EPL13			Total suspended solids	39	mg/L	
			Turbidity	12	NTU	
				1	•	
Monitoring	23/11/2023	06/02/2023	рН	7.7	рН	
Point 9 DW20b			Total suspended solids	13	mg/L	
			Turbidity	50	NTU	
Monitoring	23/11/2023	06/02/2023	pH	7.5	рН	
Point 10 DW21a			Total suspended solids	17	mg/L	There was no
			Turbidity	20	NTU	instance where
Monitoring	23/11/2023	06/02/2023	pH	7.8	рН	50 mm of rainfall
Point 11 EPL12	, , ====	, , , , , , , , , , , , , , , , , , , ,	Total suspended solids	39	mg/L	was received at
-			Turbidity	16	NTU	the premises
Monitoring	23/11/2023	06/02/2023	pH	ND	рН	within a 48 hour
Point 12 EPL11	, ,	, , , , , , , , , , , , , , , , , , , ,	Total suspended solids		mg/L	period in
			Turbidity		NTU	November
Monitoring	23/11/2023	06/02/2023	pH	7.5	рН	
Point 18 EPL13			Total suspended solids	73	mg/L	
			Turbidity	50	NTU	
		1			4	



Monitoring	25/10/2022	8/12/2022	Hq	7.4	рН	
Point 9 DW20b	25/10/2022	0/12/2022	Total suspended solids	7.4 17	mg/L	
POINT 9 DVV200			Turbidity	21	NTU	
Monitoring	25/10/2022	8/12/2022	pH	7.2	pH	-
Point 10 DW21a	25/10/2022	0/12/2022	Total suspended solids	18	mg/L	
POINT 10 DVV21a			Turbidity	24	NTU	
Manitarina	25/10/2022	8/12/2022	•	7.0		Monitoring within
Monitoring Point 11 EPL12	25/10/2022	0/12/2022	pH Total suspended solids	7.0 22	pH mg/L	24 hours of
POIIIL 11 LPL12			Turbidity	27	NTU	50mm rainfall in 48 hour period
Monitoring	25/10/2022	8/12/2022	pH	7.7	pH	
Monitoring Point 12 EPL11	25/10/2022	0/12/2022	Total suspended solids	7.7 45	mg/L	
POIIIL 12 EPL11			Turbidity	43 60	NTU	
Monitoring	25/10/2022	8/12/2022	pH	7.1		-
Point 18 EPL13	25/10/2022	8/12/2022	Total suspended solids	7.1 31	pH mg/l	
POINT 10 EPL13			Turbidity	26	mg/L NTU	
			Turblaity	20	INTO	
NA - mile - mile :	22/40/2022	0/42/2022		7.2		
Monitoring	22/10/2022	8/12/2022	pH	7.3	pH	
Point 9 DW20b			Total suspended solids	50	mg/L	
	22/40/2022	0/42/2022	Turbidity	27	NTU	
Monitoring	22/10/2022	8/12/2022	pH	6.8	pH "	
Point 10 DW21a			Total suspended solids	34	mg/L	
	/ /	21.21222	Turbidity	18	NTU	Monitoring within
Monitoring	22/10/2022	8/12/2022	pH	7.6	pH ,,	24 hours of
Point 11 EPL12			Total suspended solids	12	mg/L	50mm rainfall in
	22/12/222	0/40/0000	Turbidity	11	NTU	48 hour period
Monitoring	22/10/2022	8/12/2022	pH	7.5	pH ,,	·
Point 12 EPL11			Total suspended solids	5	mg/L	
	/ /	21.21222	Turbidity	15	NTU	-
Monitoring	22/10/2022	8/12/2022	pH	6.9	pH ,,	
Point 18 EPL13			Total suspended solids	54	mg/L	
			Turbidity	19	NTU	
	T	I - 1 - 1			1	1
Monitoring	10/10/2022	8/12/2022	pH	7.7	pН	
Point 9 DW20b			Total suspended solids	36	mg/L	
			Turbidity	40	NTU	_
Monitoring	10/10/2022	8/12/2022	pH	6.9	pН	
Point 10 DW21a			Total suspended solids	27	mg/L	
			Turbidity	36	NTU	Monitoring within
Monitoring	10/10/2022	8/12/2022	pH	7.8	pН	24 hours of
Point 11 EPL12			Total suspended solids	96	mg/L	50mm rainfall in
			Turbidity	90	NTU	48 hour period
Monitoring	10/10/2022	8/12/2022	pH	6.6	pH ,,	
Point 12 EPL11			Total suspended solids	19	mg/L	
	10/:0/:0-	0/40/2	Turbidity	17	NTU	4
Monitoring	10/10/2022	8/12/2022	pH	7.3	pH ,	
Point 18 EPL13			Total suspended solids	17	mg/L	
			Turbidity	29	NTU	
	T	1			1	
Monitoring	7/10/2022	8/12/2022	рН	7.8	рН	Monitoring within
Point 9 DW20b			Total suspended solids	44	mg/L	24 hours of
]	Turbidity	24	NTU	



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Monitoring	7/10/2022	8/12/2022	рН	7.2	рН	50mm rainfall in
Point 10 DW21a			Total suspended solids	54	mg/L	48 hour period
			Turbidity	65	NTU	
Monitoring	7/10/2022	8/12/2022	рН	7.6	pН	
Point 11 EPL12			Total suspended solids	17	mg/L	
		- 1 - 1	Turbidity	17	NTU	
Monitoring	7/10/2022	8/12/2022	pH	6.8	pH ,,	
Point 12 EPL11			Total suspended solids	26	mg/L	
Manifestina	7/40/2022	0/42/2022	Turbidity	22	NTU	
Monitoring Point 18 EPL13	7/10/2022	8/12/2022	pH	7.5 33	pH	
POIIIL 10 EPL13			Total suspended solids Turbidity	40	mg/L NTU	
			ruibluity	40	NIO	
Monitoring	30/09/2022	8/11/2022	Нq	7.9	рН	Monitoring within
Point 9 DW20b	30/03/2022	0/11/2022	Total suspended solids	30	mg/L	24 hours of
TOINE 3 DVV200			Turbidity	24	NTU	50mm rainfall in
Monitoring	30/09/2022	8/11/2022	pH	7.2	pH	48 hour period
Point 10 DW21a	30/03/2022	0/11/2022	Total suspended solids	28	mg/L	40 Hour period
			Turbidity	38	NTU	
Monitoring	30/09/2022	8/11/2022	pH	8.1	рН	
Point 11 EPL12	00,00,202	0, ==, ====	Total suspended solids	24	mg/L	
			Turbidity	13	NTU	
Monitoring	30/09/2022	8/11/2022	pH	6.8	рН	
Point 12 EPL11			Total suspended solids	10	mg/L	
			Turbidity	11	NTU	
Monitoring	30/09/2022	8/11/2022	рН	7.1	рН	
Point 18 EPL13			Total suspended solids	29	mg/L	
			Turbidity	37	NTU	
Monitoring	25/08/2022	5/10/2022	рН	7.7	рН	There was no
Point 9 DW20b			Total suspended solids	21	mg/L	instance where
			Turbidity	55	NTU	50 mm of rainfall
Monitoring	25/08/2022	5/10/2022	рН	7.9	рН	was received at
Point 10 DW21a			Total suspended solids	24	mg/L	the premises
			Turbidity	23	NTU	within a 48 hour
Monitoring	25/08/2022	5/10/2022	pH	7.3	pН	period in August
Point 11 EPL12			Total suspended solids	13	mg/L	
	/ /	- / - /	Turbidity	2.4	NTU	
Monitoring	25/08/2022	5/10/2022	pH	ND	pH ,	
Point 12 EPL11			Total suspended solids	ND	mg/L	
NA - with a wine -	25 (00 (2022	F /40/2022	Turbidity	ND	NTU	
Monitoring	25/08/2022	5/10/2022	pH	7.3	pH	
Point 18 EPL13			Total suspended solids	105	mg/L	
			Turbiditu		I NITII	
			Turbidity	75	NTU	
	6/07/2022	28/07/2022				
Monitoring	6/07/2022 (50mm	28/07/2022	рН	7.2	рН	
Monitoring Point 9 DW20b	(50mm	28/07/2022	pH Total suspended solids	7.2 20	pH mg/L	Monitoring within
_	(50mm rainfall)		pH Total suspended solids Turbidity	7.2 20 50	pH mg/L NTU	Monitoring within
Point 9 DW20b Monitoring	(50mm rainfall) 6/07/2022	28/07/2022	pH Total suspended solids Turbidity pH	7.2 20 50 6.9	pH mg/L NTU pH	24 hours of
Point 9 DW20b	(50mm rainfall) 6/07/2022 (50mm		pH Total suspended solids Turbidity pH Total suspended solids	7.2 20 50 6.9 5.5	pH mg/L NTU pH mg/L	24 hours of 50mm rainfall in
Point 9 DW20b Monitoring	(50mm rainfall) 6/07/2022		pH Total suspended solids Turbidity pH	7.2 20 50 6.9	pH mg/L NTU pH	24 hours of



		 				_
	(50mm rainfall)		Turbidity	28	NTU	
	6/07/2022	28/07/2022	pH	7.4	nЦ	
Monitoring	(50mm	28/07/2022	Total suspended solids	7.4 4	pH	
Point 12 EPL11	rainfall)		Turbidity	5.9	mg/L NTU	
	6/07/2022	28/07/2022	pH	6.8	pH	
Monitoring	(50mm	28/07/2022	Total suspended solids	5.5	mg/L	
Point 18 EPL13	rainfall)		Turbidity	19	NTU	
	Tailliail)		rurbluity	19	NIO	
Monitoring	23/06/2022	10/08/2022	рН	ND	рН	There was no
Point 9 DW20b			Total suspended solids	ND	mg/L	instance where
			Turbidity	ND	NTU	50 mm of rainfall
Monitoring	23/06/2022	10/08/2022	рН	7.1	рН	was received at
Point 10 DW21a			Total suspended solids	16	mg/L	the premises
			Turbidity	29	NTU	within a 48 hour
Monitoring	23/06/2022	10/08/2022	рН	ND	рН	period in June
Point 11 EPL12			Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	23/06/2022	10/08/2022	рН	ND	рН	
Point 12 EPL11			Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	23/06/2022	10/08/2022	рН	6.9	рН	
Point 18 EPL13			Total suspended solids	104	mg/L	
			Turbidity	95	NTU	
Manitaring	22/05/2022	20/07/2022	рН	7.5	n I I	Monitoring within
Monitoring	23/05/2022	28/07/2022	<u>.</u>		pH	Monitoring within 24 hours of
Point 9 DW20b	(50mm rainfall)		Total suspended solids	23 30	mg/L NTU	50mm rainfall in
Manitarina	23/05/2022	28/07/2022	Turbidity			48 hour period
Monitoring		28/07/2022	pH	7.0 26	pH	46 flour periou
Point 10 DW21a	(50mm		Total suspended solids		mg/L	
Manitarina	rainfall)	20/07/2022	Turbidity	36	NTU	
Monitoring	23/05/2022	28/07/2022	pH	6.8	pH	
Point 11 EPL12	(50mm rainfall)		Total suspended solids	9	mg/L	
Manitarina	, ,	28/07/2022	Turbidity	18	NTU	
Monitoring Point 12 EPL11	23/05/2022	28/07/2022	pH Total suspended solids	7.5	pH	
POINT 12 EPL11	(50mm rainfall)		Turbidity	13	mg/L NTU	
Monitoring	23/05/2022	28/07/2022	pH	7.0		
Monitoring Point 18 EPL13		28/07/2022	•		pH mg/l	
POINT 18 EPL13	(50mm rainfall)		Total suspended solids Turbidity	33 34	mg/L NTU	
	Tallilali)		Turblaity	54	INTO	
Monitoring	12/05/2022	3/06/2022	рН	6.9	рН	Monitoring within
Point 9 DW20b	(50mm		Total suspended solids	42	mg/L	24 hours of
	rainfall)		Turbidity	70	NTU	50mm rainfall in
Monitoring	12/05/2022	3/06/2022	рН	7.8	рН	48 hour period
Point 10 DW21a	(50mm		Total suspended solids	2.5	mg/L	
	rainfall)		Turbidity	21	NTU	
Monitoring	12/05/2022	3/06/2022	pH	7.6	рН	
Point 11 EPL12	(50mm		Total suspended solids	26	mg/L	
	rainfall)		Turbidity	50	NTU	
Monitoring	12/05/2022	3/06/2022	pH	6.9	рН	
Point 12 EPL11	(50mm		Total suspended solids	10	mg/L	
	rainfall)		Turbidity	34	NTU	
			·			•



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12/05/2022	3/06/2022	рН	7.7	рН	
(50mm		Total suspended solids	24	mg/L	
rainfall)		Turbidity	32	NTU	
8/04/2022	27/04/2022	рН	7.3	рН	Monitoring within
(50mm		Total suspended solids	11	mg/L	24 hours of
rainfall)		Turbidity	33	NTU	50mm rainfall in
8/04/2022	27/04/2022	рН	ND	рН	48 hour period
(50mm		Total suspended solids	ND	mg/L	
rainfall)		Turbidity	ND	NTU	
8/04/2022	27/04/2022	рН	7.3	рН	
(50mm		Total suspended solids	19	mg/L	
rainfall)		Turbidity	45	NTU	
8/04/2022	27/04/2022	рН	6.7	рН	
(50mm		Total suspended solids	2	mg/L	
rainfall)		Turbidity	25	NTU	
8/04/2022	27/04/2022	рН		рН]
(50mm		Total suspended solids		mg/L	
rainfall)		Turbidity		NTU	
31/03/2022	27/04/2022	На	7.1	рН	Monitoring within
(50mm		Total suspended solids	21	·	24 hours of
rainfall)		=	34.1	NTU	50mm rainfall in
•	27/04/2022	рН	6.9	рН	48 hour period
	, ,	·	14		
		-	16.8	NTU	
	27/04/2022	рН	7.3	рН	1
(50mm		Total suspended solids	92	·	
rainfall)		Turbidity	80.2	NTU	
31/03/2022	27/04/2022	рН	6.8	рН	
(50mm		-	16	·	
rainfall)		Turbidity	18.9	NTU	
31/03/2022	27/04/2022	рН	6.9	рН	
(50mm		Total suspended solids	18	· ·	
rainfall)		Turbidity	20.1	NTU	
-				•	
29/03/2022	27/04/2022	На	7.1	На	Monitoring within
	, ,	•	12	·	24 hours of
,		-		_	50mm rainfall in
•	27/04/2022	•		+	48 hour period
	, , , ,	•		· ·	'
•		•		NTU	
29/03/2022	27/04/2022	,	7.1	рН	1
(50mm	, ,	Total suspended solids	179		
rainfall)		Turbidity	143	NTU	
	27/04/2022	рН	7.2		1
(50mm	, , ,	Total suspended solids	207	mg/L	
rainfall)		Turbidity	141	NTU	
	•				4
•	27/04/2022	На	6.9	На	
29/03/2022 (50mm	27/04/2022	pH Total suspended solids	6.9 25	pH mg/L	
	12/05/2022 (50mm rainfall) 8/04/2022 (50mm rainfall) 8/04/2022 (50mm rainfall) 8/04/2022 (50mm rainfall) 8/04/2022 (50mm rainfall) 8/04/2022 (50mm rainfall) 31/03/2022 (50mm rainfall) 31/03/2022 (50mm rainfall) 31/03/2022 (50mm rainfall) 31/03/2022 (50mm rainfall) 31/03/2022 (50mm rainfall) 29/03/2022 (50mm rainfall) 29/03/2022 (50mm rainfall) 29/03/2022 (50mm rainfall) 29/03/2022 (50mm rainfall)	S/04/2022 C50mm rainfall) S/03/2022 S/04/2022 C50mm rainfall) S/03/2022 S/04/2022 S/04/2022 C50mm rainfall) S/03/2022 S/04/2022 S/04/2022	12/05/2022	12/05/2022	12/05/2022

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Monitoring	10/03/2022	31/03/2022	рН	7.2	рН	Monitoring within
Point 9 DW20b	(50mm	31/03/2022	Total suspended solids	18	mg/L	24 hours of 50mm
TOILL 3 DW200	rainfall)		Turbidity	27.3	NTU	rainfall in 48 hour
Monitoring	10/03/2022	31/03/2022	pH	NA	pH	period
Point 10 DW21b	(50mm	31/03/2022	Total suspended solids	NA NA	mg/L	period
TOING TO DW210	rainfall)		Turbidity	NA NA	NTU	
Monitoring	10/03/2022	31/03/2022	pH	7.6	pH	
Point 11 EPL12	(50mm	31/03/2022	Total suspended solids	16	mg/L	
POINT II EPLIZ	rainfall)		Turbidity	38.6	NTU	
Monitoring	· · · · · · · · · · · · · · · · · · ·	21/02/2022	•	6.8		-
Monitoring	10/03/2022	31/03/2022	pH		pH ma/l	
Point 12 EPL11	(50mm		Total suspended solids	6.0	mg/L	
N. 4 i t	rainfall)	24 /02 /2022	Turbidity	7.63	NTU	
Monitoring	10/03/2022	31/03/2022	pН	7.0	pH ,,	
Point 18 EPL13	(50mm		Total suspended solids	15	mg/L	
	rainfall)		Turbidity	7.63	NTU	
	1	T			Т	
Monitoring	1/03/2022	31/03/2022	рН	7.3	pН	Monitoring within
Point 9 DW20b	(50mm		Total suspended solids	10	mg/L	24 hours of 50mm
	rainfall)		Turbidity	16.6	NTU	rainfall in 48 hour
Monitoring	1/03/2022	31/03/2022	рН	NA	рН	period
Point 10 DW21b	(50mm		Total suspended solids	NA	mg/L	
	rainfall)		Turbidity	NA	NTU	
Monitoring	1/03/2022	31/03/2022	рН	7.3	рН	
Point 11 EPL12	(50mm		Total suspended solids	25	mg/L	
	rainfall)		Turbidity	16.9	NTU	
Monitoring	1/03/2022	31/03/2022	рН	6.8	рН	
Point 12 EPL11	(50mm		Total suspended solids	5	mg/L	
	rainfall)		Turbidity	6.26	NTU	
Monitoring	1/03/2022	31/03/2022	рН	6.9	рН	
Point 18 EPL13	(50mm	, ,	Total suspended solids	18	mg/L	
	rainfall)		Turbidity	9.76	NTU	
		•	•		11	•
Monitoring	24/02/22	22/04/22	рН	7.5	рН	Monitoring within
Point 9 DW20b	(50mm	, ,,	Total suspended solids	41	mg/L	24 hours of 50mm
	rainfall)		Turbidity		NTU	rainfall in 48 hour
Monitoring	24/02/22	22/04/22	pH	6.9	рН	period
Point 10 DW21b	(50mm	22,01,22	Total suspended solids	20	mg/L	por ou
	rainfall)		Turbidity	20	NTU	
Monitoring	24/02/22	22/04/22	pH	7.4	pH	
Point 11 EPL12	(50mm	22/04/22	Total suspended solids	31	mg/L	
FOIIIL 11 LFL12	rainfall)		Turbidity	31	NTU	
Monitoring	24/02/22	22/04/22	pH	6.6	pH	-
Point 12 EPL11	(50mm	22/04/22	Total suspended solids	62		
FUIIIL 12 EPL11	•			OZ.	mg/L NTU	
Monitoria	rainfall)	22/04/22	Turbidity	6.7		-
Monitoring	24/02/22	22/04/22	pH	6.7	pH	
Point 18 EPL13	(50mm		Total suspended solids	26	mg/L	
	rainfall)	<u> </u>	Turbidity	<u> </u>	NTU	<u> </u>
	T ==				T .	Τ
Monitoring	20/01/22	31/03/22	pH	7.7	pН	There was no
Point 9 DW20b			Total suspended solids	9.0	mg/L	instance where 50
			Turbidity	4.45	NTU	mm of rainfall was
Monitoring	20/01/22	31/03/22	рН	NA	рН	received at the
Point 10 DW21b	1	1	Total suspended solids	NA	mg/L	premises within a



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			Turbidity	NA	NTU	48 hour period in
Monitoring	20/01/22	31/03/22	рН	8.1	рН	January
Point 11 EPL12			Total suspended solids	7.0	mg/L	
			Turbidity	4.15	NTU	
Monitoring	20/01/22	31/03/22	pH	ND	рН	
Point 12 EPL11			Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	20/01/22	31/03/22	pH	7.3	рН	
Point 18 EPL13			Total suspended solids	10	mg/L	
			Turbidity	6.24	NTU	
	10/12/21	8/2/22	рН	8.0	рН	There was no
Monitoring			Total suspended solids	20	mg/L	instance where 50
Point 9 DW20b			Turbidity	15	NTU	mm of rainfall was
Monitoring	10/12/21	8/2/22	pН	NA	рН	received at the
Point 10 DW21b			Total suspended solids	NA	mg/L	premises within a
			Turbidity	NA	NTU	48 hour period in
Monitoring	10/12/21	8/2/22	рН	ND	рН	December
Point 11 EPL12			Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	10/12/21	8/2/22	pH	ND	рН	
Point 12 EPL11	, ,	, ,	Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	10/12/21	8/2/22	pH	7.3	рН	
Point 18 EPL13	-, ,	-, ,	Total suspended solids	21	mg/L	
			Turbidity	9.9	NTU	
Monitoring	23/11/21	17/01/22	pH	8.5	рН	There was no
Point 9 DW20b	,,	,,	Total suspended solids	7.0	mg/L	instance where 50
			Turbidity	9.5	NTU	mm of rainfall was
Monitoring	23/11/21	17/01/22	pH	ND	рН	received at the
Point 10 DW21b	, ,	, ,	Total suspended solids	ND	mg/L	premises within a
			Turbidity	ND	NTU	48 hour period in
Monitoring	23/11/21	17/01/22	pН	ND	рН	November
Point 11 EPL12			Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	23/11/21	17/01/22	pH	ND	рН	
Point 12 EPL11	, ,	, ,	Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	23/11/21	17/01/22	pH	7.4	рН	
Point 18 EPL13	, ,	, ,	Total suspended solids	6	mg/L	
			Turbidity	6.2	NTU	
Monitoring	26/10/21	2/12/21	pH	7.17	рН	There was no
Point 9 DW20b	, ,		Total suspended solids	41	mg/L	instance where 50
			Turbidity	17	NTU	mm of rainfall was
Monitoring	26/10/21	2/12/21	pH	ND	рН	received at the
Point 10 DW21b		. ,	Total suspended solids	ND	mg/L	premises within a
			Turbidity	ND	NTU	48 hour period in
Monitoring	26/10/21	2/12/21	pH	ND	рН	October
Point 11 EPL12	-,,	,, 	Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
	I					
Monitoring	26/10/21	2/12/21	·			
Monitoring Point 12 EPL11	26/10/21	2/12/21	pH Total suspended solids	ND ND	pH mg/L	



Monitoring	26/10/21	2/12/21	рН	7.3	рН	
Point 18 EPL13			Total suspended solids	23	mg/L	
			Turbidity	24	NTU	
Monitoring	22/09/21	9/11/21	рН	7.60	рН	There was no
Point 9 DW20b	(monthly)		Total suspended solids	38	mg/L	instance where 50
			Turbidity	22	NTU	mm of rainfall was
Monitoring	22/09/21	9/11/21	рН	ND	рН	received at the
Point 10 DW21b	(monthly)		Total suspended solids	ND	mg/L	premises within a
			Turbidity	ND	NTU	48 hour period in
Monitoring	22/09/21	9/11/21	рН	ND	рН	September
Point 11 EPL12	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	22/09/21	9/11/21	рН	ND	рН	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	22/09/21	9/11/21	рН	6.5	рН	
Point 18 EPL13	(monthly)		Total suspended solids	25	mg/L	
			Turbidity	28	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

