

Environmental Monitoring Report

Water Monitoring

Dunmore Lakes Sand Project

August 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 July 2021 to July 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: July 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 (06/07/2025)	16/07/2025	рН TSS	7.52 10	pH mg/L	
Monitoring Point 9 DW16	Daily during discharge (05/07/2025)	15/07/2025	рН TSS	7.64 22	pH mg/L	Uncontrolled
Monitoring Point 9 DW16	Daily during discharge (04/07/2025)	11/07/2025	рН TSS	7.77 10	pH mg/L	discharge event due to continuous
Monitoring Point 9 DW16	Daily during discharge (03/07/2025)	10/07/2025	рН TSS	8.06 16	pH mg/L	heavy rain.
Monitoring Point 9 DW16	Daily during discharge (02/07/2025)	10/07/2025	рН TSS	8.18 28	pH mg/L	



Historical Results

Location	Monitoring Frequency	Results received	Pollutant	Measurement	Unit	Comments
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	One large 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 heavy rain.
Monitoring Point 9 DW16	Daily during discharge (26/05/2025)	03/06/2025	рН TSS	7.92 23	pH mg/L	neavy 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	рН 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	рН 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 Total Suspended Solids	7.9 13	pH mg/l	One large
	29/07/2024	02/09/2024	pH	7.9	mg/L pH	ongoing uncontrolled
			Total Suspended Solids	18	mg/L	discharge event
	28/07/2024	02/09/2024	pH Total Suspended Solids	7.9 19	pH mg/l	due to continuous
	27/07/2024	02/09/2024	pH	7.9	mg/L pH	heavy rain.
			Total Suspended Solids	17	mg/L	,
	26/07/2024	02/09/2024	рН	7.8	рН	

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¹ TSS = Total Suspended Solids



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		Total Suspended Solids	8	mg/L
24/07/2024	02/09/2024	pH	7.8	рН
_ ,, . , ,	,,	Total Suspended Solids	15	mg/L
23/07/2024	02/09/2024	pH	7.8	pН
, , ,	, , , , ,	Total Suspended Solids	20	mg/L
22/07/2024	02/09/2024	Hq	7.8	pН
,,	,,	Total Suspended Solids	19	mg/L
21/07/2024	02/09/2024	Hq	7.8	pН
	, ,	Total Suspended Solids	25	mg/L
20/07/2024	02/09/2024	pH	7.7	pН
		Total Suspended Solids	24	mg/L
19/07/2024	02/09/2024	рН	7.8	рН
		Total Suspended Solids	16	mg/L
18/07/2024	02/09/2024	рН	7.7	рН
		Total Suspended Solids	19	mg/L
17/07/2024	15/08/2024	рН	7.1	рН
		Total Suspended Solids	19	mg/L
16/07/2024	15/08/2024	рН	7.1	рН
		Total Suspended Solids	21	mg/L
15/07/2024	15/08/2024	рН	7	рН
		Total Suspended Solids	35	mg/L
14/07/2024	15/08/2024	pН	7	рН
		Total Suspended Solids	32	mg/L
13/07/2024	15/08/2024	pH	6.8	рН
		Total Suspended Solids	17	mg/L
12/07/2024	15/08/2024	рН	6.7	рН
		Total Suspended Solids	13	mg/L
11/07/2024	15/08/2024	pН	6.9	рН
		Total Suspended Solids	12	mg/L
10/07/2024	07/08/2024	рН	7.6	рН
		Total Suspended Solids	6	mg/L
09/07/2024	07/08/2024	pН	7.6	pН
		Total Suspended Solids	8	mg/L
08/07/2024	07/08/2024	pН	7.6	рН
		Total Suspended Solids	12	mg/L
07/07/2024	07/08/2024	pH	7.6	pH ,,
		Total Suspended Solids	6	mg/L
06/07/2024	07/08/2024	pH	7.6	pH ,
05/07/0004	25/27/2224	Total Suspended Solids	14	mg/L
05/07/2024	26/07/2024	pH	7.7	pН
04/07/2021	26/07/2021	Total Suspended Solids	18	mg/L
04/07/2024	26/07/2024	pH	7.5	pH
02/07/2024	26/07/2024	Total Suspended Solids	13	mg/L
03/07/2024	26/07/2024	pH	7.5	pH
02/07/2024	26/07/2024	Total Suspended Solids	16	mg/L
02/07/2024	26/07/2024	pH	7.6	pH mg/l
01/07/2024	26/07/2024	Total Suspended Solids	21	mg/L
01/07/2024	26/07/2024	pH Total Suspended Solids	7.5	pH mg/l
20/06/2024	26/07/2024	Total Suspended Solids	24	mg/L
30/06/2024	26/07/2024	pH Total Suspended Solids	7.6 20	pH mg/l
28/06/2024	26/07/2024	Total Suspended Solids	20 7.5	mg/L
20/00/2024	20/0//2024	рН	7.5	рН



		Total Suspended Solids	18	mg/L
27/06/2024 2	26/07/2024	рН	7.5	рН
		Total Suspended Solids	21	mg/L
25/06/2024 2	26/07/2024	рН	7.5	рН
		Total Suspended Solids	14	mg/L
24/06/2024 2	26/07/2024	рН	7.5	рН
		Total Suspended Solids	13	mg/L
23/06/2024 2	26/07/2024	рН	7.4	рН
		Total Suspended Solids	21	mg/L
22/06/2024 2	26/07/2024	рН	7.4	рН
		Total Suspended Solids	10	mg/L
21/06/2024 2	26/07/2024	рН	7.4	рН
		Total Suspended Solids	16	mg/L
20/06/2024 2	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	рН	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 2	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 2	26/07/2024	рН	7.6	рН
		Total Suspended Solids	47	mg/L
05/06/2024 2	26/07/2024	рН	7.5	рН
		Total Suspended Solids	18	mg/L
04/06/2024 2	26/07/2024	рН	7.6	рН
		Total Suspended Solids	15	mg/L
03/06/2024 2	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 2	26/07/2024	рН	7.6	рН
		Total Suspended Solids	9	mg/L
31/05/2024 2	26/07/2024	рН	7.6	рН
		Total Suspended Solids	6	mg/L
30/05/2024	26/07/2024	рН	7.6	рН
		Total Suspended Solids	12	mg/L
28/05/2024 2	26/07/2024	pH	7.6	pН
		Total Suspended Solids	14	mg/L
27/05/2024 2	26/07/2024	рН	7.7	рН



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			Total Suspended Solids	12	mg/L	
	26/05/2024	26/07/2024	рН	7.7	рН	
			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	pH	7.4	pH	
			Total Suspended Solids	14	mg/L	
	19/05/2024	26/07/2024	pH	7.5	pH ,	
	10/05/2021	0.5 /0.7 /0.00 4	Total Suspended Solids	16	mg/L	
	18/05/2024	26/07/2024	pH	7.4	pH ,	
	17/05/2021	25/27/2224	Total Suspended Solids	9	mg/L	
	17/05/2024	26/07/2024	pH	7.4	pH ,	
	46/05/2024	26/07/2024	Total Suspended Solids	20	mg/L	
	16/05/2024	26/07/2024	pH	7.4	pH	
	15/05/2024	26/07/2024	Total Suspended Solids	26	mg/L	
	15/05/2024	26/07/2024	pH Total Suspended Solids	7.4 27	pH	
	14/05/2024	26/07/2024	Total Suspended Solids pH	7.4	mg/L pH	
	14/05/2024	20/07/2024	Total Suspended Solids	28	mg/L	
	13/05/2024	26/07/2024	pH	7.4	pH	
	13/03/2024	20/07/2024	Total Suspended Solids	33	mg/L	
	10/05/2024	26/07/2024	рН	7.4	pH	
	20,00,202		Total Suspended Solids	26	mg/L	
	09/05/2024	26/07/2024	На	7.3	pH	
	,,		Total Suspended Solids	38	mg/L	
	08/05/2024	26/07/2024	pH	7.4	pН	
			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	рН	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	pH	7.2	pH	
			Total Suspended Solids	13	mg/L	
	_					
Monitoring	12/04/2024	10/05/2024	рН	7.1	рН	One large
Point 9 DW16			Total Suspended Solids	15	mg/L	ongoing
			Turbidity	17	NTU	uncontrolled
	11/04/2024	10/05/2024	рН	7.1	рН	discharge event
			Total Suspended Solids	109	mg/L	after heavy
			Turbidity	34	NTU	rainfall.



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	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	рН	
			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	pН	discharge event
			Total Suspended Solids	6.5	mg/L	after heavy
			Turbidity		NTU	rainfall.
	-1	•	,			
Monitoring	09/02/2024		Н	7.9	рН	
Point 9 DW16	,,		Total Suspended Solids	18	mg/L	
1011103 21120			Turbidity	6.2	NTU	
	08/02/2024	22/3/2024	рН	7.8	pH	Uncontrolled
	00,02,2024	22/3/2024	Total Suspended Solids	30	mg/L	discharge ended
			Turbidity	9.7	NTU	on 04/02/2024
	07/02/2024	22/3/2024	рН	7.6	pH	and controlled
	0770272024	22/3/2024	Total Suspended Solids	28	mg/L	discharge
			Turbidity	8	NTU	initiated on
	06/02/2024	22/3/2024	pH	7.7	pH	06/02/2024.
	00/02/2024	22/3/2024	Total Suspended Solids	29	mg/L	
			Turbidity	6.8	NTU	
		l.	rarblarty	0.0	1110	
Monitoring	04/02/2024	22/3/2024	pH	8	рН	
Point 9 DW16	04/02/2024	22/3/2024	Total Suspended Solids	27	mg/L	
POINT 3 DW10			Turbidity	4.9	NTU	
	03/02/2024	22/3/2024	pH	8	+	
	03/02/2024	22/3/2024	Total Suspended Solids	28	pH mg/l	
			•	4.4	mg/L NTU	
	02/02/2024	22/3/2024	Turbidity pH	ND		
	02/02/2024	22/3/2024	Total Suspended Solids	ND	pH mg/L	
			Turbidity	ND	NTU	
	01/02/2024	22/3/2024	pH	8	pH	One large
	01/02/2024	22/3/2024	Total Suspended Solids	19	mg/L	ongoing
			Turbidity	5	NTU	uncontrolled
	20/01/2024	22/2/2024	· · · · · · · · · · · · · · · · · · ·			discharge event
	30/01/2024	22/3/2024	pH Total Suspended Solids	7.8 11	pH mg/l	after heavy
			Turbidity	6.7	mg/L NTU	rainfall.
	20/01/2024	22/2/2024	pH	8		-
	29/01/2024	22/3/2024	· · · · · · · · · · · · · · · · · · ·	8 5	pH mg/l	
			Total Suspended Solids		mg/L NTU	
	20/01/2024	22/2/2024	Turbidity	<u>6</u>		-
	28/01/2024	22/3/2024	pH Total Suspended Solids	7.8 11	pH mg/l	
			Total Suspended Solids	11	mg/L	
	27/04/2024	22/2/2024	Turbidity	5.7	NTU	-
	27/01/2024	22/3/2024	pH	7.7	pH	
			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	рН	8.1	рН
Point 9 DW16	20/01/2024	22/3/2024	Total Suspended Solids	15	mg/L
Tomes bwio			Turbidity	6.4	NTU
	19/01/2024	22/3/2024	pH	7.5	рН
	13/01/2024	22/3/2024	Total Suspended Solids	14	mg/L
			Turbidity	3.4	NTU
	18/01/2024	22/3/2024	рН	8	pН
	10,01,101	, _,	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	pН	7.6	рН
			Total Suspended Solids	18	mg/L
			Turbidity	7.2	NTU
	15/01/2024	22/3/2024	рН	7.5	рН
			Total Suspended Solids	14	mg/L
			Turbidity	5	NTU
	14/01/2024	22/3/2024	рН	7.5	рН
			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	рН	7.5	рН
			Total Suspended Solids	7	mg/L
			Turbidity	3.4	NTU
	10/01/2024	22/3/2024	рН	7.8	рН
			Total Suspended Solids	17	mg/L
			Turbidity	3.3	NTU
	09/01/2024	22/3/2024	рН	7.5	рН
			Total Suspended Solids	13	mg/L

One large ongoing uncontrolled discharge event after heavy rainfall.



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			Turbidity	2.5	NTU	
	08/01/2024	22/3/2024	рН	7.4	рН	
			Total Suspended Solids	18	mg/L	
			Turbidity	4.9	NTU	
	07/01/2024	22/3/2024	рН	7.3	рН	
			Total Suspended Solids	14	mg/L	
			Turbidity	3	NTU	
	06/01/2024	22/3/2024	рН	7.4	рН	
			Total Suspended Solids	17	mg/L	
			Turbidity	7.4	NTU	
	05/01/2024	22/3/2024	рН	7.3	pН	
			Total Suspended Solids	16	mg/L	
			Turbidity	4.5	NTU	
	04/01/2024	22/3/2024	рН	7.1	рН	
			Total Suspended Solids	6	mg/L	
			Turbidity	2.2	NTU	
	03/01/2024	22/3/2024	рН	7.2	рН	
			Total Suspended Solids	8	mg/L	
			Turbidity	3.8	NTU	
	02/01/2024	22/3/2024	рН	7.5	pH	
			Total Suspended Solids	7	mg/L	
			Turbidity	4.9	NTU	
	01/01/2024	22/3/2024	рН	7.2	pH	
			Total Suspended Solids	11	mg/L	
			Turbidity	6.5	NTU	
	20/10/2020	04/00/0004		7.0	T	
Monitoring	29/12/2023	04/03/2024	pH	7.3	pH	
Point 9 DW16			Total Suspended Solids	6	mg/L	
	27/12/2022	04/02/2024	Turbidity	3.3	NTU	
	27/12/2023	04/03/2024	pH Total Suspended Solids	7.5 11	pH mg/l	
			Turbidity	12	mg/L NTU	
	25/12/2023	04/03/2024	pH	7.8	pH	
	23/12/2023	04/03/2024	Total Suspended Solids	7.8 18	mg/L	
			Turbidity	12	NTU	
	24/12/2023	04/03/2024	pH	7.8	pH	
	24/12/2023	04/03/2024	Total Suspended Solids	7.0 5	mg/L	One large ongoing
			Turbidity	5.7	NTU	uncontrolled
	23/12/2023	04/03/2024	рН	7.7	рН	discharge event
	_=0, _=, _=0=0	0 ., 00, 202 .	Total Suspended Solids	11	mg/L	after heavy
			Turbidity	9.1	NTU	rainfall.
	22/12/2023	04/03/2024	рН	7.7	pH	
	, _,_====	, ,	Total Suspended Solids	4	mg/L	
			Turbidity	11	NTU	
	21/12/2023	04/03/2024	рН	7.7	рН	
		,	Total Suspended Solids	18	mg/L	
			Turbidity	15	NTU	
	20/12/2023	04/03/2024	рН	7.7	рН	
			Total Suspended Solids	17	mg/L	
			Turbidity	12	NTU	
	18/12/2023	04/03/2024	рН	7.8	рН	
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Monitoring			Total Suspended Solids	14	mg/L	Two independent
Point 9 DW16			Turbidity	4.1	NTU	controlled
	15/12/2023	01/02/2024		7.9		discharge events
			рН	15	рН	to increase
			Total Suspended Solids	22	mg/L	freeboard prior to
			Turbidity		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	Associated with
			Turbidity	7.8	NTU	an uncontrolled
	02/12/2023	01/02/2024	рН	8.2	рН	discharge event
			Total Suspended Solids	4.0	mg/L	followed by a
			Turbidity	10	NTU	controlled
	01/12/2023	01/02/2024	рН	8.1	рН	discharge event.
			Total Suspended Solids	21	mg/L	discridings events
			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	
	T	T				T
Monitoring	16/09/2023	16/10/2023	pH	8	pН	
Point 9 DW16			Total Suspended Solids	17	mg/L	
			Turbidity	9.5	NTU	-
	15/09/2023	16/10/2023	рН	8	pН	
			Total Suspended Solids	9	mg/L	
			Turbidity	6.7	NTU	 -
	14/09/2023	16/10/2023	pH	8.3	pН	
			Total Suspended Solids	19	mg/L	Associated with
			Turbidity	15	NTU	one ongoing
	13/09/2023	16/10/2023	рН	8.2	pH ,	controlled
			Total Suspended Solids	7	mg/L	discharge event
			Turbidity	16	NTU	1
	12/09/2023	16/10/2023	pН	8.1	pН	
					· .	
			Total Suspended Solids	11	mg/L	
			Turbidity	16	NTU	
	11/09/2023	16/10/2023	Turbidity pH	16 8.0	NTU pH	
	11/09/2023		Turbidity pH Total Suspended Solids	16 8.0 10	NTU pH mg/L	
	11/09/2023		Turbidity pH	16 8.0	NTU pH	-
	11/09/2023		Turbidity pH Total Suspended Solids	16 8.0 10	NTU pH mg/L	
_	11/09/2023		Turbidity pH Total Suspended Solids Turbidity pH	16 8.0 10	NTU pH mg/L	There was no
Monitoring Point 9 DW20b		16/10/2023	Turbidity pH Total Suspended Solids Turbidity	16 8.0 10 20	NTU pH mg/L NTU	There was no instance where 50 mm of rainfall



				1	_	1
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	рН	ND	рН	
Point 12 EPL11			Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	22/06/2023	30/06/2023	рН	6.7	рН	
Point 18 EPL13			Total suspended solids	34	mg/L	
			Turbidity	45	NTU	
Monitoring	23/05/2023	05/06/2023	рН	7.7	рН	
Point 9 DW20b			Total suspended solids	331	mg/L	
			Turbidity	45	NTU	
Monitoring	23/05/2023	05/06/2023	Hq	6.9	рН	
Point 10 DW21a	, ,	, ,	Total suspended solids	10	mg/L	There was no
			Turbidity	17	NTU	instance where
Monitoring	23/05/2023	05/06/2023	рН	ND	рН	50 mm of rainfall
Point 11 EPL12		00,00,00	Total suspended solids		mg/L	was received at
			Turbidity		NTU	the premises
Monitoring	23/05/2023	05/06/2023	рН	ND	рН	within a 48 hour
Point 12 EPL11	23,03,2023	03,00,2023	Total suspended solids		mg/L	period in May
			Turbidity		NTU	, , , , , , , , , , , , , , , , , , ,
Monitoring	23/05/2023	05/06/2023	pH	6.6	pH	
Point 18 EPL13	23,03,2023	03,00,2023	Total suspended solids	221	mg/L	
. 0 10 1. 110			Turbidity	60	NTU	
	<u> </u>				1	
Monitoring	20/04/2023	03/05/2023	рН	7.5	рН	
Point 9 DW20b	20,01,2020	03,03,2023	Total suspended solids	17	mg/L	
. 0 5 5 11 205			Turbidity	15	NTU	
Monitoring	20/04/2023	03/05/2023	рН	6.9	рН	
Point 10 DW21a	20,04,2023	03/03/2023	Total suspended solids	14	mg/L	There was no
10mt 10 DW214			Turbidity	7.7	NTU	instance where
Monitoring	20/04/2023	03/05/2023	рН	7.7	рН	50 mm of rainfall
Point 11 EPL12	20,04,2023	03/03/2023	Total suspended solids	10	mg/L	was received at
TOME II LI LIZ			Turbidity	1.2	NTU	the premises
Monitoring	20/04/2023	03/05/2023	рН	ND	pH	within a 48 hour
Point 12 EPL11	20/04/2023	03/03/2023	Total suspended solids	ND	mg/L	period in April
FOIIIL 12 LFL11			Turbidity		NTU	period in April
Monitoring	20/04/2023	03/05/2023	pH	6.9	pH	
Point 18 EPL13	20/04/2023	03/03/2023	Total suspended solids	32	-	
POIIIL 10 EPL13				19	mg/L NTU	
			Turbidity	19	NIO	
	22/22/2222	00/04/0000		7.0		
Monitoring	23/03/2023	03/04/2023	pH Tabal ayan an da da alida	7.6	pH	
Point 9 DW20b			Total suspended solids	22	mg/L	
		20/01/555	Turbidity	12	NTU	
Monitoring	23/03/2023	03/04/2023	pH	6.9	pН	
Point 10 DW21a			Total suspended solids	24	mg/L	
	1		Turbidity	6.8	NTU	
Monitoring Point 11 EPL12	23/03/2023	03/04/2023	pH Total suspended solids	7.5 70	pH mg/L	



Monitoring			Turbidity	29	NTU	
_			raiblaity	29	INTO	
	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	рН	6.8	рН	
Point 18 EPL13			Total suspended solids	21	mg/L	
			Turbidity	7.5	NTU	
Monitoring	15/03/2023	03/04/2023	рН	7.4	рН	
Point 9 DW20b		, ,	Total suspended solids	31	mg/L	
			Turbidity	45	NTU	
Monitoring	15/03/2023	03/04/2023	Hq	6.8	рН	
Point 10 DW21a	-,,	, , ,	Total suspended solids	27	mg/L	
			Turbidity	37	NTU	
Monitoring	15/03/2023	03/04/2023	рН	7.5	рН	Monitoring within
Point 11 EPL12		00,00,000	Total suspended solids	24	mg/L	24 hours of
			Turbidity	18	NTU	50mm rainfall in
Monitoring	15/03/2023	03/04/2023	рН	6.5	рН	48 hour period
Point 12 EPL11	20,00,2020	00,0.,2020	Total suspended solids	5	mg/L	
			Turbidity	23	NTU	
Monitoring	15/03/2023	03/04/2023	рН	6.7	рН	
Point 18 EPL13	13, 03, 2023	03/01/2023	Total suspended solids	33	mg/L	
			Turbidity	40	NTU	
			ransiarcy		1110	
Monitoring	23/02/2023	03/04/2023	рН	7.7	рН	
Point 9 DW20b	23,02,2023	03/04/2023	Total suspended solids	13	mg/L	
			Turbidity	23	NTU	
Monitoring	23/02/2023	03/04/2023	рН	7.2	рН	
Point 10 DW21a	_0, 0_, _0_0	00,0.,1010	Total suspended solids	13	mg/L	
			Turbidity	9.6	NTU	
Monitoring	23/02/2023	03/04/2023	рН	7.5	рН	
Point 11 EPL12	-,-,	, , ,	Total suspended solids	5	mg/L	
			Turbidity	1.6	NTU	
Monitoring	23/02/2023	03/04/2023	рН	ND	рН	
Point 12 EPL11	-,-,	, , ,	Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	23/02/2023	03/04/2023	Hq	7.2	рН	
Point 18 EPL13		, ,	Total suspended solids	10	mg/L	
			Turbidity	9.4	NTU	
l.			,		1	
Monitoring	09/02/2023	06/03/2023	рН	7.3	рН	
Point 9 DW20b	52, 52, 2020	22, 33, 2323	Total suspended solids	346	mg/L	
			Turbidity	400	NTU	
Monitoring	09/02/2023	06/03/2023	рН	7.2	pH	
Point 10 DW21a	, ,		Total suspended solids	79	mg/L	Monitoring within
			Turbidity	90	NTU	24 hours of
Monitoring	09/02/2023	06/03/2023	рН	7	рН	50mm rainfall in
Point 11 EPL12	, ,		Total suspended solids	69	mg/L	48 hour period
			Turbidity	110	NTU	
		ļ	•			1
Monitoring	09/02/2023	06/03/2023	Ha	6.6	Ha	
Monitoring Point 12 EPL11	09/02/2023	06/03/2023	pH Total suspended solids	6.6 36	pH mg/L	



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Monitoring	09/02/2023	06/03/2023	pH	6.9	pH	
Point 18 EPL13			Total suspended solids	12	mg/L	
			Turbidity	9.7	NTU	
Monitoring	19/01/2023	06/03/2023	Hq	7.2	nU	
Monitoring Point 9 DW20b	19/01/2023	06/03/2023	рп Total suspended solids	7.2 7	pH mg/L	
POINT 9 DVV200			Turbidity	4.4	NTU	
Monitoring	19/01/2023	06/03/2023	pH	7.0	pH	
Point 10 DW21a	19/01/2023	00/03/2023	Total suspended solids	7.0 22	mg/L	There was no
1 OIII 10 DVV218			Turbidity	4.8	NTU	instance where
Monitoring	19/01/2023	06/03/2023	pH	ND	pH	50 mm of rainfall
Point 11 EPL12	13/01/2023	00/03/2023	Total suspended solids	ND	mg/L	was received at
TOING II LI LIZ			Turbidity		NTU	the premises
Monitoring	19/01/2023	06/03/2023	pH	ND	pH	within a 48 hour
Point 12 EPL11	13/01/2023	00/03/2023	Total suspended solids	ND	mg/L	period in January
TOTAL 12 LI LII			Turbidity		NTU	period in January
Monitoring	19/01/2023	06/03/2023	рН	6.4	pH	
Point 18 EPL13	15,01,2025	33, 33, 2023	Total suspended solids	37	mg/L	
. 0 10 21 210			Turbidity	17	NTU	
	1	I	· ar aray	<u> </u>	10	I
Monitoring	15/12/2023	06/02/2023	Hq	ND	рН	
Point 9 DW20b	13, 12, 2023	00,02,2023	Total suspended solids	115	mg/L	
			Turbidity		NTU	
Monitoring	15/12/2023	06/02/2023	рН	7.1	рН	
Point 10 DW21a		00,02,202	Total suspended solids	42	mg/L	There was no
			Turbidity	2.5	NTU	instance where
Monitoring	15/12/2023	06/02/2023	рН	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	Hq	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	рН	7.4	рН	
Point 18 EPL13			Total suspended solids	39	mg/L	
			Turbidity	12	NTU	
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	рН	7.5	рН	Thorowas no
Point 10 DW21a			Total suspended solids	17	mg/L	There was no instance where
			Turbidity	20	NTU	50 mm of rainfall
Monitoring	23/11/2023	06/02/2023	рН	7.8	рН	was received at
Point 11 EPL12			Total suspended solids	39	mg/L	the premises
			Turbidity	16	NTU	within a 48 hour
Monitoring	23/11/2023	06/02/2023	рН	ND	рН	period in
Point 12 EPL11			Total suspended solids		mg/L	November
			Turbidity		NTU	14046111061
Monitoring	23/11/2023	06/02/2023	рН	7.5	рН	
Point 18 EPL13			Total suspended solids	73	mg/L	
PUIII 10 EPL13			Turbidity	50	NTU	

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Monitoring 25/10/2022 8/12/2022 PH 7.4 PH PM PM PM PM PM PM PM		<u> </u>					
Monitoring 25/10/2022 S/12/2022 pH 7.2 pH 7.3 pH 7.3 pH 7.3 pH 7.4 pH 7.5 pH	_	25/10/2022	8/12/2022			-	
Monitoring Point 10 DW21a Z5/10/2022 R12/2022 PH Total suspended solids Turbidity Turbidity Turbidity Total suspended solids Turbidity Tur	Point 9 DW20b						
Point 10 DW21a				Turbidity			_
Monitoring 25/10/2022 8/12/2022 pH 7.0 pH 24 hours of Somm rainfall in All hour period Monitoring Point 12 EPL11 Monitoring 25/10/2022 8/12/2022 pH 7.7 pH Total suspended solids 45 mg/L Turbidity 60 NTU Monitoring Point 18 EPL13 Somm rainfall in All hour period Monitoring Point 18 EPL13 Monitoring 22/10/2022 8/12/2022 pH 7.3 pH Total suspended solids Turbidity Turbidity Total suspended solids Turbidity Tur	_	25/10/2022	8/12/2022	· ·		-	
Monitoring Point 11 EPL12 Z5/10/2022 R12/2022 PH Total suspended solids Turbidity Turb	Point 10 DW21a			<u> </u>			
Monitoring 25/10/2022 8/12/2022 pH 7.7				·		+	Monitoring within
Monitoring 25/10/2022 8/12/2022 pH 7.7 pH mg/L mg	_	25/10/2022	8/12/2022	•		-	_
Monitoring 25/10/2022 8/12/2022 pH 7.7 pH Total suspended solids 45 mg/L NTU	Point 11 EPL12				22	mg/L	
Monitoring 25/10/2022 8/12/2022 PH 7.7 PH Folial suspended solids 45 Furbidity 60 NTU Ph Folial suspended solids 7.1 Ph Folial						NTU	
Monitoring 22/10/2022 8/12/2022 pH 7.1 pH mg/L mg	_	25/10/2022	8/12/2022	•	7.7	-	40 Hour period
Monitoring Point 18 EPL13	Point 12 EPL11				45	mg/L	
Point 18 EPL13				Turbidity	60	NTU	
Monitoring 22/10/2022 8/12/2022 pH 7.3 pH mg/L NTU Monitoring 22/10/2022 8/12/2022 pH Total suspended solids Turbidity 11 NTU All hours of Somm rainfall in Monitoring 22/10/2022 8/12/2022 pH Total suspended solids Turbidity 11 NTU All hours of Somm rainfall in Monitoring 22/10/2022 8/12/2022 pH Total suspended solids Turbidity 15 NTU All hours of Somm rainfall in Monitoring 22/10/2022 8/12/2022 pH Total suspended solids 54 mg/L NTU All hours of Somm rainfall in Monitoring 22/10/2022 8/12/2022 pH Total suspended solids 54 mg/L NTU Monitoring 10/10/2022 8/12/2022 pH Total suspended solids 7.7 pH Monitoring Monitoring 10/10/2022 8/12/2022 pH Total suspended solids 27 mg/L NTU Monitoring 10/10/2022 8/12/2022 pH 6.9 pH 6.9 pH Monitoring Monitoring 10/10/2022 8/12/2022 pH 7.8 pH Monitoring Monitoring Monitoring 10/10/2022 8/12/2022 pH 7.8 pH Monitoring Monitoring Monitoring 10/10/2022 8/12/2022 pH 7.3 pH Monitoring Monit	_	25/10/2022	8/12/2022	· ·	7.1	рН	
Monitoring	Point 18 EPL13			Total suspended solids	31	mg/L	
Point 9 DW20b				Turbidity	26	NTU	
Point 9 DW20b							
Point 9 DW20b	Monitoring	22/10/2022	8/12/2022	рН	7.3	рН	
Monitoring 22/10/2022 8/12/2022 pH 6.8 pH 7.6 pH	_			· ·		-	
Monitoring Point 10 DW21a S12/2022 S12/2022 PH Total suspended solids Turbidity Turbidity Total suspended solids Turbidity Turbidity Total suspended solids Total							
Point 10 DW21a	Monitoring	22/10/2022	8/12/2022		6.8	На	
Monitoring 22/10/2022 8/12/2022 pH 7.6 pH 7.6 mg/L NTU Abour period Monitoring within 24 hours of 50mm rainfall in 48 hour period Monitoring within 24/10/202 pH 7.5 pH Monitoring Monitoring 22/10/2022 8/12/2022 pH 7.5 pH Monitoring Monitoring 22/10/2022 8/12/2022 pH 6.9 pH Monitoring Monitoring 10/10/2022 8/12/2022 pH 7.7 pH Monitoring Monitoring 10/10/2022 8/12/2022 pH 7.7 pH Monitoring Monitoring 10/10/2022 8/12/2022 pH 7.8 pH Monitoring Monitoring 10/10/2022 8/12/2022 pH 7.8 pH Monitoring Monitoring 10/10/2022 8/12/2022 pH 7.8 pH Total suspended solids Turbidity 90 NTU Monitoring 10/10/2022 8/12/2022 pH 7.8 pH Total suspended solids 19 mg/L Albours of 50mm rainfall in 48 hour period Monitoring 10/10/2022 8/12/2022 pH 7.8 pH Monitoring Monitoring 10/10/2022 8/12/2022 pH 7.8 pH Monitoring Monitoring 10/10/2022 8/12/2022 pH 7.8 pH Monitoring Monitoring 10/10/2022 8/12/2022 pH 7.3 pH Monitoring Monitoring 10/10/2022 8/12/2022 pH 7.3 pH Monitoring Monitoring 10/10/2022 8/12/2022 pH 7.3 pH Monitoring Monitoring 7/10/2022 8/12/2022 pH 7.8 pH Monitoring Monitoring 7/10/2022 8/12/2022 pH 7.8 pH Monitoring Monitoring 7/10/2022 8/12/2022 pH 7.8 pH 7.8 Monitoring 7/10/2022 8/12/2022 pH 7.8 pH 7.8 pH 7.8 Monitoring 7/10/2022 7/10/	_	, ,,	-, , -	•		-	
Monitoring Point 11 EPL12							
Point 11 EPL12	Monitoring	22/10/2022	8/12/2022	·		+	_
Monitoring 10/10/2022 8/12/2022 pH 7.5 pH mg/L monitoring 10/10/2022 8/12/2022 pH 7.6 pH mg/L monitoring 10/10/2022 8/12/2022 pH 7.8 pH mg/L	_		0, ==, ====	· ·		_	
Monitoring				· ·			
Point 12 EPL11	Monitoring	22/10/2022	8/12/2022			+	48 hour period
Monitoring 10/10/2022 8/12/2022 pH 6.9 pH mg/L nTubidity 15 nTU	_	22/10/2022	0,12,2022	· ·			
Monitoring	TOINC 12 ET EII			· ·			
Point 18 EPL13	Monitoring	22/10/2022	8/12/2022	· ·		+	-
Monitoring 10/10/2022 8/12/2022 pH 7.7 pH Total suspended solids 36 mg/L NTU	_	22/10/2022	0/12/2022			1 -	
Monitoring	101111 10 11 113						
Point 9 DW20b				Turbiaity	13	1110	
Point 9 DW20b	Monitoring	10/10/2022	0/12/2022	nU	7.7	nU	<u> </u>
Monitoring	_	10/10/2022	0/12/2022	•		1 -	
Monitoring	Point 9 DW200			<u> </u>			
Point 10 DW21a	Monitoring	10/10/2022	0/12/2022	•			-
Monitoring	_	10/10/2022	8/12/2022	· ·			
Monitoring	POIIIL 10 DWZ1a						
Point 11 EPL12	NAiti	40/40/2022	0/42/2022	†		+	Monitoring within
Monitoring 10/10/2022 8/12/2022 pH 6.6 pH mg/L Turbidity 17 NTU	_	10/10/2022	8/12/2022	•		1 -	24 hours of
Monitoring	Point 11 EPL12						50mm rainfall in
Point 12 EPL11		10/10/2022	0/40/2022	·			48 hour period
Monitoring 10/10/2022 8/12/2022 pH 7.3 pH Total suspended solids 17 mg/L NTU NTU Monitoring 7/10/2022 8/12/2022 pH 7.8 pH Total suspended solids 17 mg/L NTU Monitoring 7/10/2022 8/12/2022 pH 7.8 pH mg/L NTU 24 hours of 50mm rainfall in 48 hour period 48 hour period 10/10/2022 10/10/2022 PH 7.2 PH 10/10/2022 NTU	•	10/10/2022	8/12/2022	•		_	
Monitoring Point 18 EPL13 10/10/2022 8/12/2022 pH Total suspended solids Turbidity 7.3 pH mg/L 29 mg/L NTU Monitoring Point 9 DW20b 7/10/2022 8/12/2022 pH Total suspended solids Turbidity 7.8 pH mg/L 24 hours of 50mm rainfall in 48 hour period	Point 12 EPL11					_	
Point 18 EPL13				·			-
Monitoring 7/10/2022 8/12/2022 pH 7.8 pH mg/L 24 hours of 50mm rainfall in 48 hour period 48 hour period 10 mg/L 29 NTU 10 mg/L 24 hours of 50mm rainfall in 48 hour period 10 mg/L 24 hours of 50mm rainfall in 48 hour period 10 mg/L 24 hours of 50mm rainfall in 48 hour period 10 mg/L 24 hours of 50 mg/L 25 hour period 26 hour period 27 hours of 27 hours of 28 hour period 28 hour period 28 hour period 29 hours of 20 hours of 2	_	10/10/2022	8/12/2022	· ·		_	
Monitoring Point 9 DW20b 7/10/2022 8/12/2022 pH Total suspended solids Turbidity 7.8 44 mg/L 24 hours of 50mm rainfall in 48 hour period pH Monitoring within 24 hours of 50mm rainfall in 48 hour period	Point 18 EPL13			· ·			
Point 9 DW20b Total suspended solids Turbidity 24 NTU 24 hours of 50mm rainfall in 48 hour period				Turbidity	29	NTU	
Point 9 DW20b Total suspended solids Turbidity 24 NTU 24 hours of 50mm rainfall in 48 hour period		1	T .	1	<u> </u>		T
Total suspended solids	_	7/10/2022	8/12/2022	<u> </u>		1 -	Monitoring within
Monitoring 7/10/2022 8/12/2022 pH 7.2 pH 50mm rainfall in 48 hour period	Point 9 DW20b						_
Monitoring 7/10/2022 8/12/2022 pH 7.2 pH 48 hour period				Turbidity	24	NTU	
Point 10 DW21a Total suspended solids 54 mg/l 46 Hour period	_	7/10/2022	8/12/2022	· ·	7.2	рН	
TOTAL TO DIVE TO DIVE TO THE TOTAL SUBJECTION OF THE TOTAL SUBJECT OF THE SUBJECT OF THE TOTAL SUBJECT OF THE TOTA	Point 10 DW21a			Total suspended solids	54	mg/L	40 Hour period



				1	1	1
			Turbidity	65	NTU	
Monitoring	7/10/2022	8/12/2022	рН	7.6	рН	
Point 11 EPL12			Total suspended solids	17	mg/L	
			Turbidity	17	NTU	
Monitoring	7/10/2022	8/12/2022	рН	6.8	рН	
Point 12 EPL11			Total suspended solids	26	mg/L	
			Turbidity	22	NTU	
Monitoring	7/10/2022	8/12/2022	рН	7.5	рН	
Point 18 EPL13			Total suspended solids	33	mg/L	
			Turbidity	40	NTU	
Monitoring	30/09/2022	8/11/2022	рН	7.9	рН	Monitoring within
Point 9 DW20b			Total suspended solids	30	mg/L	24 hours of
			Turbidity	24	NTU	50mm rainfall in
Monitoring	30/09/2022	8/11/2022	рН	7.2	рН	48 hour period
Point 10 DW21a			Total suspended solids	28	mg/L	
			Turbidity	38	NTU	
Monitoring	30/09/2022	8/11/2022	рН	8.1	рН	
Point 11 EPL12			Total suspended solids	24	mg/L	
			Turbidity	13	NTU	
Monitoring	30/09/2022	8/11/2022	рН	6.8	рН	
Point 12 EPL11			Total suspended solids	10	mg/L	
			Turbidity	11	NTU	
Monitoring	30/09/2022	8/11/2022	pH	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	pH	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	рН	7.3	рН	period in August
Point 11 EPL12			Total suspended solids	13	mg/L	
			Turbidity	2.4	NTU	
Monitoring	25/08/2022	5/10/2022	Hq	ND	рН	
Point 12 EPL11	' '	, ,	Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	25/08/2022	5/10/2022	pH	7.3	рН	
Point 18 EPL13	-,, -		Total suspended solids	105	mg/L	
			Turbidity	75	NTU	
			,		1	
	6/07/2022	28/07/2022	рН	7.2	рН	
Monitoring	(50mm		Total suspended solids	20	mg/L	
Point 9 DW20b	rainfall)		Turbidity	50	NTU	
	6/07/2022	28/07/2022	pH	6.9	pH	Monitoring within
Monitoring	(50mm	_0,0,,2022	Total suspended solids	5.5	mg/L	24 hours of
Point 10 DW21a	rainfall)		Turbidity	22	NTU	50mm rainfall in
	6/07/2022	28/07/2022	pH	6.9	pH	48 hour period
Monitoring	(50mm	20,01,2022	Total suspended solids	22	mg/L	
Point 11 EPL12	rainfall)		Turbidity	28	NTU	
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Monitoring	6/07/2022	28/07/2022	рН	7.4	рН	
Point 12 EPL11	(50mm		Total suspended solids	4	mg/L	
FOIIIC 12 LFL11	rainfall)		Turbidity	5.9	NTU	
N 4 it i	6/07/2022	28/07/2022	рН	6.8	рН	
Monitoring	(50mm		Total suspended solids	5.5	mg/L	
Point 18 EPL13	rainfall)		Turbidity	19	NTU	
	,		,			
Monitoring	23/06/2022	10/08/2022	рН	ND	nΠ	There was no
Point 9 DW20b	23/06/2022	10/08/2022	•		pH	
Point 9 DW200			Total suspended solids	ND	mg/L	instance where
	22/22/222		Turbidity	ND	NTU	50 mm of rainfall
Monitoring	23/06/2022	10/08/2022	pH	7.1	pН	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	pH	6.9	рН	
Point 18 EPL13	23,00,2022	10,00,2022	Total suspended solids	104	mg/L	
1 01110 10 11 113			Turbidity	95	NTU	
			Turblatty	93	INTO	
	1 00 /07 /0000	22/22/222				
Monitoring	23/05/2022	28/07/2022	pH	7.5	pН	Monitoring within
Point 9 DW20b	(50mm		Total suspended solids	23	mg/L	24 hours of
	rainfall)		Turbidity	30	NTU	50mm rainfall in
Monitoring	23/05/2022	28/07/2022	рН	7.0	рН	48 hour period
Point 10 DW21a	(50mm		Total suspended solids	26	mg/L	
	rainfall)		Turbidity	36	NTU	
Monitoring	23/05/2022	28/07/2022	рН	6.8	рН	
Point 11 EPL12	(50mm		Total suspended solids	9	mg/L	
	rainfall)		Turbidity	18	NTU	
Monitoring	23/05/2022	28/07/2022	pH	7.5	рН	
Point 12 EPL11	(50mm		Total suspended solids	13	mg/L	
1 01110 12 21 211	rainfall)		Turbidity	12	NTU	
Monitoring	23/05/2022	28/07/2022	pH	7.0	рН	
Point 18 EPL13	(50mm	28/07/2022	Total suspended solids	33	mg/L	
PUIIIL 10 EPL13	rainfall)		Turbidity	34	NTU	
	Tallilali)		Turbluity	54	INTO	
	1			T		
Monitoring	12/05/2022	3/06/2022	pH	6.9	pН	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	pH	
Point 12 EPL11	(50mm	3,00,2022	Total suspended solids	10	mg/L	
I OIIIL IZ EFLII	rainfall)		Turbidity	34	NTU	
Manitoria		2/06/2022	•		1	
Monitoring	12/05/2022	3/06/2022	pH	7.7	pH	
Point 18 EPL13	İ	Ì	Total suspended solids	24	mg/L	



	919	- ui				7
	(50mm rainfall)		Turbidity	32	NTU	
	Taililaii)					
Monitoring	8/04/2022	27/04/2022	рН	7.3	рН	Monitoring within
Point 9 DW20b	(50mm		Total suspended solids	11	mg/L	24 hours of
	rainfall)		Turbidity	33	NTU	50mm rainfall in
Monitoring	8/04/2022	27/04/2022	pH	ND	рН	48 hour period
Point 10 DW21a	(50mm		Total suspended solids	ND	mg/L	
	rainfall)		Turbidity	ND	NTU	
Monitoring	8/04/2022	27/04/2022	рН	7.3	рН	
Point 11 EPL12	(50mm		Total suspended solids	19	mg/L	
	rainfall)		Turbidity	45	NTU	
Monitoring	8/04/2022	27/04/2022	рН	6.7	рН	
Point 12 EPL11	(50mm		Total suspended solids	2	mg/L	
	rainfall)		Turbidity	25	NTU	
Monitoring	8/04/2022	27/04/2022	рН		рН	
Point 18 EPL13	(50mm		Total suspended solids		mg/L	
	rainfall)		Turbidity		NTU	
	·				•	1
Monitoring	31/03/2022	27/04/2022	рН	7.1	рН	Monitoring within
Point 9 DW20b	(50mm		Total suspended solids	21	mg/L	24 hours of
	rainfall)		Turbidity	34.1	NTU	50mm rainfall in
Monitoring	31/03/2022	27/04/2022	рН	6.9	рН	48 hour period
Point 10 DW21a	(50mm		Total suspended solids	14	mg/L	
	rainfall)		Turbidity	16.8	NTU	
Monitoring	31/03/2022	27/04/2022	рН	7.3	рН	
Point 11 EPL12	(50mm		Total suspended solids	92	mg/L	
	rainfall)		Turbidity	80.2	NTU	
Monitoring	31/03/2022	27/04/2022	рН	6.8	рН	
Point 12 EPL11	(50mm		Total suspended solids	16	mg/L	
	rainfall)		Turbidity	18.9	NTU	
Monitoring	31/03/2022	27/04/2022	рН	6.9	рН	
Point 18 EPL13	(50mm		Total suspended solids	18	mg/L	
	rainfall)		Turbidity	20.1	NTU	
Monitoring	29/03/2022	27/04/2022	рН	7.1	рН	Monitoring within
Point 9 DW20b	(50mm		Total suspended solids	12	mg/L	24 hours of
	rainfall)		Turbidity	16.2	NTU	50mm rainfall in
Monitoring	29/03/2022	27/04/2022	рН	6.8	рН	48 hour period
Point 10 DW21a	(50mm		Total suspended solids	16	mg/L	
	rainfall)		Turbidity	18.9	NTU	
Monitoring	29/03/2022	27/04/2022	рН	7.1	рН	
Point 11 EPL12	(50mm		Total suspended solids	179	mg/L	
	rainfall)		Turbidity	143	NTU	1
Monitoring	29/03/2022	27/04/2022	рН	7.2	рН	
Point 12 EPL11	(50mm		Total suspended solids	207	mg/L	
	rainfall)		Turbidity	141	NTU	
Monitoring	29/03/2022	27/04/2022	рН	6.9	рН	
	/50	1	Takal amanan da da alƙala	2.5	· /1	
Point 18 EPL13	(50mm rainfall)		Total suspended solids	25 15.7	mg/L NTU	

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Monitoring	10/03/2022	31/03/2022	pH	7.2	pH	Monitoring within
Point 9 DW20b	(50mm		Total suspended solids	18	mg/L	24 hours of 50mm
	rainfall)	24/22/2222	Turbidity	27.3	NTU	rainfall in 48 hour
Monitoring	10/03/2022	31/03/2022	pH	NA	pH	period
Point 10 DW21b	(50mm		Total suspended solids	NA	mg/L	
	rainfall)	24/22/2222	Turbidity	NA 7.6	NTU	
Monitoring	10/03/2022	31/03/2022	pH	7.6	pH	
Point 11 EPL12	(50mm		Total suspended solids	16	mg/L	
	rainfall)		Turbidity	38.6	NTU	
Monitoring	10/03/2022	31/03/2022	pH	6.8	pH	
Point 12 EPL11	(50mm		Total suspended solids	6.0	mg/L	
	rainfall)		Turbidity	7.63	NTU	
Monitoring	10/03/2022	31/03/2022	pH	7.0	pН	
Point 18 EPL13	(50mm		Total suspended solids	15	mg/L	
	rainfall)		Turbidity	7.63	NTU	
Monitoring	1/03/2022	31/03/2022	рН	7.3	рН	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	pH	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	pH	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	pH	6.9	рН	
Point 18 EPL13	(50mm	02,00,2022	Total suspended solids	18	mg/L	
	rainfall)		Turbidity	9.76	NTU	
	,	I.				
Monitoring	24/02/22	22/04/22	рН	7.5	рН	Monitoring within
Point 9 DW20b	(50mm	22/04/22	Total suspended solids	41	mg/L	24 hours of 50mm
POINT 9 DW 200	rainfall)		Turbidity	41	NTU	rainfall in 48 hour
Monitoring	· · · · · · · · · · · · · · · · · · ·	22/04/22	•	6.9		
Monitoring Point 10 DW21b	24/02/22 (50mm	22/04/22	pH Total suspended solids	20	pH mg/l	period
POINT TO DW210	rainfall)		Turbidity	20	mg/L NTU	
Manitarina	· · · · · · · · · · · · · · · · · · ·	22/04/22	•	7.4	1	
Monitoring	24/02/22	22/04/22	pH		pH	
Point 11 EPL12	(50mm		Total suspended solids	31	mg/L	
Monitorios	rainfall)	22/04/22	Turbidity		NTU	
Monitoring	24/02/22	22/04/22	pH	6.6	pH	
Point 12 EPL11	(50mm		Total suspended solids	62	mg/L	
N4!+ '	rainfall)	22/04/22	Turbidity	6.7	NTU	
Monitoring	24/02/22	22/04/22	pH	6.7	pH	
Point 18 EPL13	(50mm		Total suspended solids	26	mg/L	
	rainfall)		Turbidity		NTU	
	1	1	T	I	1	T
Monitoring	20/01/22	31/03/22	рН	7.7	рН	There was no
Point 9 DW20b			Total suspended solids	9.0	mg/L	instance where 50
			Turbidity	4.45	NTU	mm of rainfall was
	20/01/22	31/03/22	pН	NA	pН	received at the
Monitoring Point 10 DW21b	20/01/22	31/03/22	Total suspended solids	NA 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	рН	ND	рН	
Point 12 EPL11			Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	20/01/22	31/03/22	рН	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	pH	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	рH	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	,,	J, _,	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	pH	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	pН	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	рН	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	
Monitoring	26/10/21	2/12/21	pH	ND	рН	
Point 12 EPL11	, -,	. ,	Total suspended solids	ND	mg/L	



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Monitoring	26/10/21	2/12/21	pН	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	pН	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	pН	ND	рН	September
Point 11 EPL12	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	22/09/21	9/11/21	pH	ND	рН	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
	`		Turbidity	ND	NTU	
Monitoring	22/09/21	9/11/21	pH	6.5	рН	
Point 18 EPL13	(monthly)	', '	Total suspended solids	25	mg/L	
	(, ,		Turbidity	28	NTU	
Monitoring	25/08/21	28/09/21	pH	7.9	рН	There was one
Point 9 DW20b	(monthly+		Total suspended solids	30	mg/L	instance where 50
	50mm)		Turbidity	38	NTU	mm of rainfall was
Monitoring	25/08/21	28/09/21	pH	ND	рН	received at the
Point 10 DW21b	(monthly+		Total suspended solids	ND	mg/L	premises within a
	50mm)		Turbidity	ND	NTU	48 hour period in
Monitoring	25/08/21	28/09/21	pH	ND	рН	August. Monitoring
Point 11 EPL12	(monthly+		Total suspended solids	ND	mg/L	for the monthly
	50mm)		Turbidity	ND	NTU	and 50mm
Monitoring	25/08/21	28/09/21	pH	ND	рН	sampling was
Point 12 EPL11	(monthly+		Total suspended solids	ND	mg/L	combined.
	50mm)		Turbidity	ND	NTU	
Monitoring	25/08/21	28/09/21	pH	6.5	рН	
Point 18 EPL13	(monthly		Total suspended solids	25	mg/L	
	+50mm)		Turbidity	28	NTU	
Monitoring	30/07/21	16/09/21	pH	8.6	рН	There was no
Point 9 DW20b	(monthly)		Total suspended solids	7	mg/L	instance where 50
	(,,		Turbidity	21	NTU	mm of rainfall was
Monitoring	30/07/21	16/09/21	pH	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	30/07/21	16/09/21	pH	ND	рН	July
Point 11 EPL12	(monthly)	10,00,21	Total suspended solids	ND ND	mg/L	
. 5 11 112	(,)		Turbidity	ND ND	NTU	
Monitoring	30/07/21	16/09/21	pH	ND	pH	
Point 12 EPL11	(monthly)	10,00,21	Total suspended solids	ND ND	mg/L	
. 5 12 21 211	(,)		Turbidity	ND ND	NTU	
Monitoring	30/07/21	16/09/21	pH	6.8	pH	
Point 18 EPL13	(monthly)	10,03,21	Total suspended solids	38	mg/L	
	(Turbidity	40	NTU	
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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

