

## Environmental Monitoring Report Water Monitoring

## **Dunmore Lakes Sand Project**

March 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 March 2021 to March 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 <sup>o</sup>	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 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:	March 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 (31/03/2025)	09/04/2025	pH TSS <sup>1</sup>	8.07 15	pH mg/L	One large ongoing uncontrolled discharge event due to continuous heavy rain.



Location	Monitoring Frequency	Results received	Pollutant	Measurement	Unit	Comments
	Frequency	received				
Monitoring Point 9 DW16	26/08/2024	11/02/2025	рН TSS	8.17 12	pH mg/L	Single day, controlled discharge to increase freeboard prior to rain event
	30/07/2024	02/09/2024	рН	7.9	рН	One large
	29/07/2024	02/09/2024	Total Suspended Solids pH Total Suspended Solids	13 7.9 18	mg/L pH mg/L	ongoing uncontrolled
	28/07/2024	02/09/2024	pH Total Suspended Solids	7.9 19	pH mg/L	discharge event due to continuous heavy
	27/07/2024	02/09/2024	pH Total Suspended Solids	7.9 17	pH mg/L	rain.
	26/07/2024	02/09/2024	pH Total Suspended Solids	7.8 8	pH mg/L	
	24/07/2024 23/07/2024	02/09/2024	pH Total Suspended Solids pH	7.8 15 7.8	pH mg/L	
	22/07/2024	02/09/2024	Total Suspended Solids pH	20 7.8	pH mg/L pH	
	21/07/2024	02/09/2024	Total Suspended Solids	19 7.8	mg/L pH	
	20/07/2024	02/09/2024	Total Suspended Solids pH	25	mg/L pH	
	19/07/2024	02/09/2024	Total Suspended Solids pH	24 7.8	mg/L pH	
	18/07/2024	02/09/2024	Total Suspended Solids pH	16 7.7	mg/L pH	
	17/07/2024	15/08/2024	Total Suspended Solids pH Total Suspended Solids	19 7.1 19	mg/L pH	
	16/07/2024	15/08/2024	pH Total Suspended Solids	7.1	mg/L pH mg/L	
	15/07/2024	15/08/2024	pH Total Suspended Solids	7 35	pH mg/L	
	14/07/2024 15/08/2024 pH 7   Total Suspended Solids 32		pH mg/L			
	13/07/2024	15/08/2024	pH Total Suspended Solids	6.8 17	pH mg/L	
	12/07/2024	15/08/2024	pH Total Suspended Solids	6.7 13	pH mg/L	
	11/07/2024	15/08/2024	pH Total Suspended Solids	6.9 12	pH mg/L	
	10/07/2024	07/08/2024	pH Total Suspended Solids	7.6 6	pH mg/L	
	09/07/2024	07/08/2024	pH Total Suspended Solids	7.6 8	pH mg/L	

### BORAL Bu sol

		-		
08/07/2024	07/08/2024	рН	7.6	рН
		Total Suspended Solids	12	mg/L
07/07/2024	07/08/2024	рН	7.6	рН
		Total Suspended Solids	6	mg/L
06/07/2024	07/08/2024	рН	7.6	рН
		Total Suspended Solids	14	mg/L
05/07/2024	26/07/2024	рН	7.7	рН
		Total Suspended Solids	18	mg/L
04/07/2024	26/07/2024	рН	7.5	рН
		Total Suspended Solids	13	mg/L
03/07/2024	26/07/2024	рН	7.5	рН
		Total Suspended Solids	16	mg/L
02/07/2024	26/07/2024	рН	7.6	рН
		Total Suspended Solids	21	mg/L
01/07/2024	26/07/2024	рН	7.5	рН
		Total Suspended Solids	24	mg/L
30/06/2024	26/07/2024	рН	7.6	рН
		Total Suspended Solids	20	mg/L
28/06/2024	26/07/2024	рН	7.5	рН
		Total Suspended Solids	18	mg/L
27/06/2024	26/07/2024	рН	7.5	рН
		Total Suspended Solids	21	mg/L
25/06/2024	26/07/2024	рН	7.5	рН
		Total Suspended Solids	14	mg/L
24/06/2024	26/07/2024	рН	7.5	рН
		Total Suspended Solids	13	mg/L
23/06/2024	26/07/2024	рН	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	рН	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	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	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

### BORAL Bu so

06/06/2024	26/07/2024	рН	7.6	рН
		Total Suspended Solids	47	mg/L
05/06/2024	26/07/2024	рН	7.5	рН
		Total Suspended Solids	18	mg/L
04/06/2024	26/07/2024	рН	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	рН	7.6	рН
		Total Suspended Solids	9	mg/L
31/05/2024	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	26/07/2024	рН	7.6	рН
		Total Suspended Solids	14	mg/L
27/05/2024	26/07/2024	рН	7.7	pH
		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	pH	7.5	рН
	/ /	Total Suspended Solids	5	mg/L
22/05/2024	26/07/2024	pH	7.5	pH
	/ /	Total Suspended Solids	21	mg/L
21/05/2024	26/07/2024	pH	7.4	pH
		Total Suspended Solids	48	mg/L
20/05/2024	26/07/2024	pH	7.4	pH
10/05/0004	26/27/2024	Total Suspended Solids	14	mg/L
19/05/2024	26/07/2024	pH	7.5	pH
40/05/2024	26/07/2024	Total Suspended Solids	16	mg/L
18/05/2024	26/07/2024	pH Tatal Sugar and ad Calida	7.4	pH
17/05/2024	26/07/2024	Total Suspended Solids	9	mg/L
17/05/2024	26/07/2024	pH Total Suspended Solids	7.4	pH mg/l
16/05/2024	26/07/2024	Total Suspended Solids	20	mg/L
10/05/2024	20/07/2024	pH Total Suspended Solids	7.4	pH mg/l
15/05/2024	26/07/2024		26	mg/L
15/05/2024	26/07/2024	pH Total Suspended Solids	7.4 27	pH mg/l
14/05/2024	26/07/2024	Total Suspended Solids		mg/L
14/03/2024	20/07/2024	pH Total Suspended Solids	7.4 28	pH mg/l
13/05/2024	26/07/2024			mg/L
13/03/2024	20/07/2024	pH Total Suspended Solids	7.4 33	pH mg/l
10/05/2024	26/07/2024	pH	7.4	mg/L pH
10/03/2024	20/07/2024	۲otal Suspended Solids	26	рп mg/L
09/05/2024	26/07/2024	pH	7.3	pH
09/03/2024	20/07/2024	Total Suspended Solids	38	рн mg/L
	1		50	iiig/∟

BORAL	
	Building
	something
	great

	gre	ear				
	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	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	рН	7.2	рН	
			Total Suspended Solids	13	mg/L	
			·			
Monitoring	12/04/2024	10/05/2024	nH	7 1	nH	
Monitoring	12/04/2024	10/05/2024	pH Total Suspended Solids	7.1 15	pH mg/l	
Point 9 DW16			Turbidity	15 17	mg/L NTU	
	11/04/2024	10/05/2024				
	11/04/2024	10/05/2024	pH Tatal Suspended Solids	7.1	pH mg/l	
			Total Suspended Solids	109	mg/L	One large
	10/04/2024	40/05/2024	Turbidity	34	NTU	ongoing
	10/04/2024	10/05/2024	pH Tatal Guarandad Calida	7.1	pH	uncontrolled
			Total Suspended Solids	24	mg/L	discharge event
		10/05/0004	Turbidity	32	NTU	after heavy
	09/04/2024	10/05/2024	рН	7.1	pH	rainfall.
			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	13/03/2024	0770372024	рН	14	pН	discharge event
I OINE 9 DW10			Total Suspended Solids	6.5	mg/L	after heavy
			Turbidity	0.5	NTU	rainfall.
			Turblatty		iiio	Tunnun.
Monitoring	09/02/2024		рН	7.9	рН	
Point 9 DW16			Total Suspended Solids	18	mg/L	
			Turbidity	6.2	NTU	
	08/02/2024	22/3/2024	рН	7.8	рН	Uncontrolled
	-		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	рН	and controlled
			Total Suspended Solids	28	mg/L	discharge
			Turbidity	8	NTU	initiated on
	06/02/2024	22/3/2024	, pH	7.7	рН	06/02/2024.
			Total Suspended Solids	29	mg/L	
			Total Suspended Solids			
			Turbidity	6.8	NTU	
			-			
Monitoring	04/02/2024	22/3/2024	-			One large



	gre					
			Turbidity	4.9	NTU	uncontrolled
	03/02/2024	22/3/2024	рН	8	pН	discharge event
			Total Suspended Solids	28	mg/L	after heavy
			Turbidity	4.4	NTU	rainfall.
	02/02/2024	22/3/2024	рН	ND	pН	
			Total Suspended Solids	ND	mg/L	
			Turbidity	ND	NTU	
	01/02/2024	22/3/2024	pH	8	pН	
			Total Suspended Solids	19	mg/L	
			Turbidity	5	NTU	
	30/01/2024	22/3/2024	pH	7.8	рН	
			Total Suspended Solids	11	mg/L	
			Turbidity	6.7	NTU	
	29/01/2024	22/3/2024	pH	8	pН	
	-,-,-	, -, -	Total Suspended Solids	5	mg/L	
			Turbidity	6	NTU	
	28/01/2024	22/3/2024	pH	7.8	pH	
		, 0, _0	Total Suspended Solids	11	mg/L	
			Turbidity	5.7	NTU	
	27/01/2024	22/3/2024	pH	7.7	pH	
	2770172024	22, 3, 2024	Total Suspended Solids	5	mg/L	
			Turbidity	3.8	NTU	
	26/01/2024	22/3/2024	pH	7.9	pH	
	20/01/2024	22/3/2024	Total Suspended Solids	6	mg/L	
			Turbidity	3.9	NTU	
	25/01/2024	22/3/2024	pH	8	pH	
	25/01/2024	22/3/2024	Total Suspended Solids	5	mg/L	
			Turbidity	4.9	NTU	
	24/01/2024	22/3/2024	pH	7.9	pH	
	24/01/2024	22/3/2024	Total Suspended Solids	14	mg/L	
			Turbidity	4	NTU	
	23/01/2024	22/3/2024	pH	7.9		
	25/01/2024	22/5/2024	-		pH	
			Total Suspended Solids Turbidity	14 7.2	mg/L NTU	
	22/01/2024	22/2/2024				
	22/01/2024	22/3/2024	pH Tatal Sugar dad Calida	7.7	pH	
			Total Suspended Solids	28	mg/L	
			Turbidity	5.8	NTU	
Monitoring	20/01/2024	22/3/2024	рН	8.1	рН	
Point 9 DW16	-,,	, . ,	Total Suspended Solids	15	mg/L	
			Turbidity	6.4	NTU	
	19/01/2024	22/3/2024	pH	7.5	pH	1
	10,01,2024		Total Suspended Solids	14	mg/L	One large
			Turbidity	3.4	NTU	ongoing
	18/01/2024	22/3/2024	pH	8	pH	uncontrolled
	10/01/2024	22/ 5/ 2024		0	рн ,	uncontrolleu

					-
		Turbidity	3.4	NTU	ongoing
18/01/2024	22/3/2024	рН	8	рН	uncontrolled
		Total Suspended Solids	11	mg/L	discharge event
		Turbidity	1.2	NTU	after heavy
17/01/2024	22/3/2024	рН	7.6	рН	rainfall.
		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	

# BORAL

			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	pH	7.5	рН	
	,,		Total Suspended Solids	8	mg/L	
			Turbidity	3.5	NTU	
	13/01/2024	22/3/2024	pH	7.7	рН	
	10/01/2021	22, 3, 202 1	Total Suspended Solids	15	mg/L	
			Turbidity	4.2	NTU	
	12/01/2024	22/3/2024	pH	7.5	pH	
	12,01,2024	22, 3, 2024	Total Suspended Solids	9	mg/L	
			Turbidity	3.3	NTU	
	11/01/2024	22/3/2024	pH	7.5	pH	-
	11/01/2024	22/3/2024	Total Suspended Solids	7.5	mg/L	
			Turbidity	3.4	NTU	
	10/01/2024	22/3/2024	pH	7.8	pH	
	10/01/2024	22/5/2024	Total Suspended Solids	17		
					mg/L	
	00/01/2024	22/2/2024	Turbidity	3.3	NTU	-
	09/01/2024	22/3/2024	pH	7.5	pH	
			Total Suspended Solids	13	mg/L	
			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	рН	
			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	рН	1
			Total Suspended Solids	7	mg/L	
			Turbidity	4.9	NTU	
	01/01/2024	22/3/2024	pH	7.2	рН	1
		, -,	Total Suspended Solids	11	mg/L	
			Turbidity	6.5	NTU	
	1	1			1	1
Monitoring	29/12/2023	04/03/2024	рН	7.3	рН	
Point 9 DW16	23/12/2023	04/03/2024	ہم Total Suspended Solids	6		One large ongoing
FOULT & DAATO				3.3	mg/L NTU	uncontrolled
	27/12/2022	04/02/2024	Turbidity			discharge event
	27/12/2023	04/03/2024	pH Total Succended Solids	7.5	pH mg/l	after heavy
			Total Suspended Solids	11	mg/L	rainfall.
l	L		Turbidity	12	NTU	

BORAL	Building something great
	great

	gre	eat 🛛				
	25/12/2023	04/03/2024	рН	7.8	pН	
			Total Suspended Solids	18	mg/L	
			Turbidity	12	NTU	
	24/12/2023	04/03/2024	рН	7.8	pН	
			Total Suspended Solids	5	mg/L	
			Turbidity	5.7	NTU	
	23/12/2023	04/03/2024	рН	7.7	рН	
			Total Suspended Solids	11	mg/L	
			Turbidity	9.1	NTU	
	22/12/2023	04/03/2024	рН	7.7	рН	
			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	
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 to
			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	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	
			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	pН	8.3	рН	
			Total Suspended Solids	13	mg/L	
			Turbidity	16	NTU	
Monitoring	16/09/2023	16/10/2023	рН	8	pН	Associated with
Point 9 DW16			Total Suspended Solids	17	mg/L	one ongoing
	45/00/2005	4.6./4.0./0.000	Turbidity	9.5	NTU	controlled
	15/09/2023	16/10/2023	рН	8	рН	discharge event



	gre	al				
			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	
			Turbidity	15	NTU	
	13/09/2023	16/10/2023	рН	8.2	рН	
			Total Suspended Solids	7	mg/L	
			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	
Point 9 DW20b	, ,	-,,	Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	22/06/2023	30/06/2023	pH	7.0	pH	
Point 10 DW21a	,,	00,00,2020	Total suspended solids	22	mg/L	There was no
			Turbidity	19	NTU	instance where
Monitoring	22/06/2023	30/06/2023	pH	ND	pH	50 mm of rainfall
Point 11 EPL12	22,00,2020	30,00,2023	Total suspended solids	110	mg/L	was received at
			Turbidity		NTU	the premises
Monitoring	22/06/2023	30/06/2023	pH	ND	pH	within a 48 hour
Point 12 EPL11	22,00,2023	30,00,2023	Total suspended solids		mg/L	period in June
			Turbidity		NTU	period insure
Monitoring	22/06/2023	30/06/2023	pH	6.7	pH	
Point 18 EPL13	22,00,2023	30,00,2023	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	рН	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			Total suspended solids		mg/L	was received at
			Turbidity		NTU	the premises
Monitoring	23/05/2023	05/06/2023	рН	ND	pН	within a 48 hour
Point 12 EPL11			Total suspended solids		mg/L	period in May
			Turbidity		NTU	
Monitoring	23/05/2023	05/06/2023	рН	6.6	рН	1
Point 18 EPL13			Total suspended solids	221	mg/L	
			Turbidity	60	NTU	
Monitoring	20/04/2023	03/05/2023	рН	7.5	рН	There was no
Point 9 DW20b			Total suspended solids	17	mg/L	instance where
			Turbidity	15	NTU	50 mm of rainfall



	gre	eat				
Monitoring	20/04/2023	03/05/2023	рН	6.9	рН	was received at
Point 10 DW21a			Total suspended solids	14	mg/L	the premises
			Turbidity	7.7	NTU	within a 48 hour
Monitoring	20/04/2023	03/05/2023	рН	7.7	рН	period in April
Point 11 EPL12			Total suspended solids	10	mg/L	
			Turbidity	1.2	NTU	
Monitoring	20/04/2023	03/05/2023	рН	ND	рН	
Point 12 EPL11			Total suspended solids		mg/L	
			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	pН	
Point 9 DW20b			Total suspended solids	22	mg/L	
			Turbidity	12	NTU	
Monitoring	23/03/2023	03/04/2023	, pH	6.9	pН	
Point 10 DW21a	-,,		Total suspended solids	24	mg/L	
			Turbidity	6.8	NTU	
Monitoring	23/03/2023	03/04/2023	pH	7.5	pH	
Point 11 EPL12	20,00,2020	00,01,2020	Total suspended solids	70	mg/L	
			Turbidity	29	NTU	
Monitoring	23/03/2023	03/04/2023	pH	ND	pH	
Point 12 EPL11	23,03,2023	03/04/2023	Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	23/03/2023	03/04/2023	pH	6.8	pH	
Point 18 EPL13	23,03,2023	03/04/2023	Total suspended solids	21	mg/L	
			Turbidity	7.5	NTU	
					1	
Monitoring	15/03/2023	03/04/2023	рН	7.4	pН	
Point 9 DW20b	10,00,2020	00,01,2020	Total suspended solids	31	mg/L	
1011113 211200			Turbidity	45	NTU	
Monitoring	15/03/2023	03/04/2023	pH	6.8	рН	
Point 10 DW21a	10,00,2020	00,01,2020	Total suspended solids	27	mg/L	
10111110000210			Turbidity	37	NTU	
Monitoring	15/03/2023	03/04/2023	pH	7.5	рН	Monitoring within
Point 11 EPL12	13,03,2023	03/04/2023	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	pH	48 hour period
Point 12 EPL11	13/03/2023	03/04/2023	Total suspended solids	5	mg/L	
			Turbidity	23	NTU	
Monitoring	15/03/2023	03/04/2023	pH	6.7	pH	
Point 18 EPL13	15/05/2025	03/04/2023	Total suspended solids	33	mg/L	
FOILT 18 LFLIS			Turbidity	40	NTU	
			Turblutty	40	NIO	
Manitarina	22/02/2022	02/04/2022		7 7		
Monitoring	23/02/2023	03/04/2023	pH Total suspended calids	7.7	pH	
Point 9 DW20b			Total suspended solids	13	mg/L	
Monitorias	22/02/2022	02/04/2022	Turbidity	23	NTU	
Monitoring	23/02/2023	03/04/2023	pH Tatal suggested as lide	7.2	pH	
Point 10 DW21a			Total suspended solids	13	mg/L	
	22/02/2022	02/04/2022	Turbidity	9.6	NTU	
Monitoring	23/02/2023	03/04/2023	pH Tatal suggested as lide	7.5	pH	
Point 11 EPL12			Total suspended solids	5	mg/L	J



	gre	al				
			Turbidity	1.6	NTU	
Monitoring	23/02/2023	03/04/2023	pН	ND	рН	
Point 12 EPL11			Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	23/02/2023	03/04/2023	рН	7.2	pН	
Point 18 EPL13			Total suspended solids	10	mg/L	
			Turbidity	9.4	NTU	
		•				
Monitoring	09/02/2023	06/03/2023	рН	7.3	pН	
Point 9 DW20b			Total suspended solids	346	mg/L	
			Turbidity	400	NTU	
Monitoring	09/02/2023	06/03/2023	рН	7.2	рН	
Point 10 DW21a			Total suspended solids	79	mg/L	
			Turbidity	90	NTU	Monitoring within
Monitoring	09/02/2023	06/03/2023	рН	7	рН	Monitoring within 24 hours of
Point 11 EPL12			Total suspended solids	69	mg/L	50mm rainfall in
			Turbidity	110	NTU	48 hour period
Monitoring	09/02/2023	06/03/2023	рН	6.6	рН	48 11001 periou
Point 12 EPL11			Total suspended solids	36	mg/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	рН	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	рН	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	рН	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	рН	6.4	рН	
Point 18 EPL13			Total suspended solids	37	mg/L	
			Turbidity	17	NTU	
	1					1
Monitoring	15/12/2023	06/02/2023	рН	ND	рН	
Point 9 DW20b			Total suspended solids		mg/L	
			Turbidity		NTU	There was no
Monitoring	15/12/2023	06/02/2023	рН	7.1	рН	instance where
Point 10 DW21a			Total suspended solids	42	mg/L	50 mm of rainfall
			Turbidity	2.5	NTU	was received at
Monitoring	15/12/2023	06/02/2023	рН	ND	рН	the premises
Point 11 EPL12			Total suspended solids		mg/L	within a 48 hour
			Turbidity		NTU	period in
Monitoring	15/12/2023	06/02/2023	рН	ND	рН	December
Point 12 EPL11			Total suspended solids		mg/L	
			Turbidity		NTU	



	gre					
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	
Point 10 DW21a			Total suspended solids	17	mg/L	There was no
			Turbidity	20	NTU	instance where
Monitoring	23/11/2023	06/02/2023	рН	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	рН	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	рН	7.5	рН	
Point 18 EPL13			Total suspended solids	73	mg/L	
	Turbidity 50 NTU					
		•				I
Monitoring	25/10/2022	8/12/2022	рН	7.4	рН	
Point 9 DW20b	20, 20, 2022	0,12,2022	Total suspended solids	17	mg/L	
			Turbidity	21	NTU	
Monitoring	25/10/2022	8/12/2022	pH	7.2	pH	
Point 10 DW21a	20, 20, 2022	0,12,2022	Total suspended solids	18	mg/L	
			Turbidity	24	NTU	
Monitoring	25/10/2022	8/12/2022	pH	7.0	pH	Monitoring within
Point 11 EPL12	20, 20, 2022	0, 12, 2022	Total suspended solids	22	mg/L	24 hours of
			Turbidity	27	NTU	50mm rainfall in
Monitoring	25/10/2022	8/12/2022	pH	7.7	pH	48 hour period
Point 12 EPL11	20, 20, 2022	0,12,2022	Total suspended solids	45	mg/L	
			Turbidity	60	NTU	
Monitoring	25/10/2022	8/12/2022	pH	7.1	pH	
Point 18 EPL13	20, 20, 2022	0,12,2022	Total suspended solids	31	mg/L	
			Turbidity	26	NTU	
Monitoring	22/10/2022	8/12/2022	рН	7.3	рН	
Point 9 DW20b	22/ 10/ 2022	0/ 12/ 2022	Total suspended solids	50	mg/L	
. 5111 5 0 44200			Turbidity	27	NTU	
Monitoring	22/10/2022	8/12/2022	pH	6.8	pH	4
Point 10 DW21a	22/10/2022	0/12/2022	Total suspended solids	34	mg/L	
			Turbidity	18	NTU	
Monitoring	22/10/2022	8/12/2022	pH	7.6	pH	Monitoring within
Point 11 EPL12	22/ 10/ 2022	0/ 12/ 2022	ہم Total suspended solids	12	mg/L	24 hours of
· JIII II LI LI LIZ			Turbidity	11	NTU	50mm rainfall in
Monitoring	22/10/2022	8/12/2022	pH	7.5	рН	48 hour period
Point 12 EPL11	22/10/2022	0/12/2022	p <del>n</del> Total suspended solids	7.5	рн mg/L	
			Turbidity	5 15	NTU	
Monitoring	22/10/2022	8/12/2022	pH	6.9		•
Monitoring Point 18 EPL13	22/10/2022	0/12/2022	рн Total suspended solids		pH mg/l	
Γυπι 1δ ΕΥΓΤΟ			Turbidity	54 19	mg/L NTU	
	I		ιαισιαιτγ	19	NIU	



10/10/2022

Monitoring

Point 18 EPL13

#### great 8/12/2022 10/10/2022 Monitoring 7.7 pН Point 9 DW20b Total suspended solids 36 Turbidity 40 10/10/2022 8/12/2022 Monitoring pН 6.9 Point 10 DW21a Total suspended solids 27 Turbidity 36 Monitoring 10/10/2022 8/12/2022 7.8 рΗ Point 11 EPL12 Total suspended solids 96 Turbidity 90 Monitoring 10/10/2022 8/12/2022 pН 6.6 Point 12 EPL11 Total suspended solids 19 Turbidity 17 8/12/2022

					0,	
			Turbidity	29	NTU	
Monitoring	7/10/2022	8/12/2022	рН	7.8	рН	
Point 9 DW20b			Total suspended solids	44	mg/L	
			Turbidity	24	NTU	
Monitoring	7/10/2022	8/12/2022	рН	7.2	рН	
Point 10 DW21a			Total suspended solids	54	mg/L	
			Turbidity	65	NTU	
Monitoring	7/10/2022	8/12/2022	рН	7.6	рН	Monitoring within 24 hours of
Point 11 EPL12			Total suspended solids	17	mg/L	50mm rainfall in
			Turbidity	17	NTU	48 hour period
Monitoring	7/10/2022	8/12/2022	рН	6.8	рН	48 11001 period
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	

pН

Total suspended solids

рΗ

mg/L

NTU

рΗ

mg/L

NTU

рΗ

mg/L

NTU

рΗ

mg/L

NTU

рΗ

mg/L

7.3

17

Monitoring within

24 hours of

50mm rainfall in

48 hour period

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	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



		-ui				
			Turbidity	23	NTU	within a 48 hour
Monitoring	25/08/2022	5/10/2022	рН	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	рН	ND	pН	
Point 12 EPL11			Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	25/08/2022	5/10/2022	рН	7.3	pН	
Point 18 EPL13			Total suspended solids	105	mg/L	
			Turbidity	75	NTU	
Monitoring	6/07/2022	28/07/2022	рН	7.2	рН	
Monitoring Point 9 DW20b	(50mm		Total suspended solids	20	mg/L	
Point 9 DW200	rainfall)		Turbidity	50	NTU	
Manitaring	6/07/2022	28/07/2022	рН	6.9	рН	
Monitoring	(50mm		Total suspended solids	5.5	mg/L	
Point 10 DW21a	rainfall)		Turbidity	22	NTU	Manitarina within
Monitoring	6/07/2022	28/07/2022	рН	6.9	рН	Monitoring within 24 hours of
Monitoring	(50mm		Total suspended solids	22	mg/L	50mm rainfall in
Point 11 EPL12	rainfall)		Turbidity	28	NTU	
Monitoring	6/07/2022	28/07/2022	рН	7.4	рН	48 hour period
Monitoring Point 12 EPL11	(50mm		Total suspended solids	4	mg/L	
POINT 12 EPLI1	rainfall)		Turbidity	5.9	NTU	
Monitoring	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	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	
Monitoring	23/05/2022	28/07/2022	рН	7.5	рН	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	J
Monitoring	23/05/2022	28/07/2022	рН	6.8	рН	
Point 11 EPL12	(50mm		Total suspended solids	9	mg/L	



	9''			1	1	7
Monitoring	23/05/2022	28/07/2022	рН	7.5	рН	
Point 12 EPL11	(50mm		Total suspended solids	13	mg/L	
	rainfall)		Turbidity	12	NTU	_
Monitoring	23/05/2022	28/07/2022	рН	7.0	рН	
Point 18 EPL13	(50mm		Total suspended solids	33	mg/L	
	rainfall)		Turbidity	34	NTU	
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	рН	7.6	рН	
Point 11 EPL12	(50mm		Total suspended solids	26	mg/L	
	rainfall)		Turbidity	50	NTU	
Monitoring	12/05/2022	3/06/2022	рН	6.9	рН	
Point 12 EPL11	(50mm		Total suspended solids	10	mg/L	
	rainfall)		Turbidity	34	NTU	
Monitoring	12/05/2022	3/06/2022	pH	7.7	рН	
Point 18 EPL13	(50mm		Total suspended solids	24	mg/L	
	rainfall)		Turbidity	32	NTU	
	· ·	•		ł		
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	pH	48 hour period
Point 10 DW21a	(50mm		Total suspended solids	ND	mg/L	
	rainfall)		Turbidity	ND	NTU	
Monitoring	8/04/2022	27/04/2022	pH	7.3	pH	
Point 11 EPL12	(50mm		Total suspended solids	19	mg/L	
	rainfall)		Turbidity	45	NTU	
Monitoring	8/04/2022	27/04/2022	pH	6.7	рН	-
Point 12 EPL11	(50mm	, - , -	Total suspended solids	2	mg/L	
	rainfall)		Turbidity	25	NTU	
Monitoring	8/04/2022	27/04/2022	pH		рН	-
Point 18 EPL13	(50mm	, - , -	Total suspended solids		mg/L	
	rainfall)		Turbidity		NTU	
	· ·	•		ł		
Monitoring	31/03/2022	27/04/2022	рН	7.1	pН	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	pH	6.9	pH	48 hour period
Point 10 DW21a	(50mm	_,, 0 ,, 2022	Total suspended solids	14	mg/L	is near period
	rainfall)		Turbidity	16.8	NTU	
Monitoring	31/03/2022	27/04/2022	pH	7.3	pH	-
Point 11 EPL12	(50mm	_,, 0 ,, 2022	Total suspended solids	92	mg/L	
	rainfall)		Turbidity	80.2	NTU	
Monitoring	31/03/2022	27/04/2022	pH	6.8	pH	-
Point 12 EPL11	(50mm	27,07/2022	Total suspended solids	16	mg/L	
12 LI LII	rainfall)		Turbidity	18.9	NTU	
Monitoring	31/03/2022	27/04/2022	pH	6.9	pH	1
Point 18 EPL13		27,04,2022	Total suspended solids	18	mg/L	
I OILL TO FLETO			i otai suspenueu solius	10	L 1116/L	



	9'``	1			-	-
	(50mm rainfall)		Turbidity	20.1	NTU	
	raintail)					
Monitoring	29/03/2022	27/04/2022	рН	7.1	pН	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	
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	pН	7
Point 18 EPL13	(50mm		Total suspended solids	25	mg/L	
	rainfall)		Turbidity	15.7	NTU	
		·	· · ·			•
Monitoring	10/03/2022	31/03/2022	рН	7.2	рН	Monitoring with
Point 9 DW20b	(50mm		Total suspended solids	18	mg/L	24 hours of 50m
	rainfall)		Turbidity	27.3	NTU	rainfall in 48 hou
Monitoring	10/03/2022	31/03/2022	рН	NA	рН	period
Point 10 DW21b	(50mm		Total suspended solids	NA	mg/L	
	rainfall)		Turbidity	NA	NTU	
Monitoring	10/03/2022	31/03/2022	рН	7.6	рН	
Point 11 EPL12	(50mm		Total suspended solids	16	mg/L	
	rainfall)		Turbidity	38.6	NTU	
Monitoring	10/03/2022	31/03/2022	рН	6.8	рН	
Point 12 EPL11	(50mm		Total suspended solids	6.0	mg/L	
	rainfall)		Turbidity	7.63	NTU	
Monitoring	10/03/2022	31/03/2022	рН	7.0	рН	
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 with
Point 9 DW20b	(50mm		Total suspended solids	10	mg/L	24 hours of 50m
	rainfall)		Turbidity	16.6	NTU	rainfall in 48 hou
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	



		ear				
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	рН	6.9	рН	period
Point 10 DW21b	(50mm		Total suspended solids	20	mg/L	
	rainfall)		Turbidity		NTU	
Monitoring	24/02/22	22/04/22	рН	7.4	рН	
Point 11 EPL12	(50mm		Total suspended solids	31	mg/L	
	rainfall)		Turbidity		NTU	
Monitoring	24/02/22	22/04/22	рН	6.6	рН	
Point 12 EPL11	(50mm		Total suspended solids	62	mg/L	
	rainfall)		Turbidity		NTU	
Monitoring	24/02/22	22/04/22	pH	6.7	рН	
Point 18 EPL13	(50mm	,,	Total suspended solids	26	mg/L	
	rainfall)		Turbidity		NTU	
	Tannany		ranolary		iiio	
Monitoring	20/01/22	31/03/22	рН	7.7	pН	There was no
Point 9 DW20b	20/01/22	51/05/22	Total suspended solids	9.0	рп mg/L	instance where 50
FOILT 9 DVV200			Turbidity	4.45	NTU	mm of rainfall was
Monitoring	20/01/22	21/02/22				received at the
Monitoring Point 10 DW21b	20/01/22	31/03/22	pH Total suspended solids	NA	pH	premises within a
			Total suspended solids	NA	mg/L	
NA '1 '	20/04/22	24/02/22	Turbidity	NA	NTU	48 hour period in
Monitoring	20/01/22	31/03/22	рН	8.1	pH	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	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	рН	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	рН	ND	рН	
Point 12 EPL11			Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	10/12/21	8/2/22	рН	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	pН	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		±,, 0±, 22	Total suspended solids	ND	mg/L	premises within a
			Turbidity	ND	NTU	
	l		raisiaity			l



		eui				
Monitoring	23/11/21	17/01/22	pH	ND	pН	48 hour period in
Point 11 EPL12			Total suspended solids	ND	mg/L	November
			Turbidity	ND	NTU	-
Monitoring	23/11/21	17/01/22	рН	ND	рН	
Point 12 EPL11			Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	-
Monitoring	23/11/21	17/01/22	рН	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	рН	ND	рН	October
Point 11 EPL12			Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	26/10/21	2/12/21	рН	ND	рН	
Point 12 EPL11			Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
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	
Monitoring	25/08/21	28/09/21	рН	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	рН	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
	25/00/24	28/09/21	рН	ND	pН	August. Monitoring
Monitoring	25/08/21					
Monitoring Point 11 EPL12	25/08/21 (monthly+	,,	Total suspended solids	ND	mg/L	for the monthly
Monitoring Point 11 EPL12			-	ND ND	mg/L NTU	and 50mm
Point 11 EPL12	(monthly+ 50mm)		Turbidity	ND	NTU	
-	(monthly+	28/09/21	-		-	and 50mm



	9''	ear				
Monitoring	25/08/21	28/09/21	рН	6.5	рН	
Point 18 EPL13	(monthly		Total suspended solids	25	mg/L	
	+50mm)		Turbidity	28	NTU	
Monitoring	30/07/21	16/09/21	рН	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	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	30/07/21	16/09/21	рН	ND	рН	July
Point 11 EPL12	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	30/07/21	16/09/21	рН	ND	рН	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	30/07/21	16/09/21	рН	6.8	рН	
Point 18 EPL13	(monthly)		Total suspended solids	38	mg/L	
			Turbidity	40	NTU	
Monitoring	29/06/21	28/07/21	рН	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	29/06/21	28/07/21	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	29/06/21	28/07/21	рН	ND	рН	June
Point 11 EPL12	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	29/06/21	28/07/21	рН	ND	рН	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	29/06/21	28/07/21	рН	6.8	рН	
Point 18 EPL13	(monthly)		Total suspended solids	38	mg/L	
			Turbidity	40	NTU	
Monitoring	31/05/21	04/06/21	рН	7.7	рН	There was one
Point 9 DW20b	(monthly)		Total suspended solids	15	mg/L	instance where 50
			Turbidity	13	NTU	mm of rainfall was
Monitoring	31/05/21	04/06/21	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	31/05/21	04/06/21	рН	7.8	рН	May.
Point 11 EPL12	(monthly)		Total suspended solids	11	mg/L	
			Turbidity	4.1	NTU	
Monitoring	31/05/21	04/06/21	рН	ND	рН	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	31/05/21	04/06/21	рН	7.2	рН	
Point 18 EPL13	(monthly)		Total suspended solids	10	mg/L	
			Turbidity	7.7	NTU	
Monitoring	06/05/21	11/05/21	рН	7.1	pН	
Point 9 DW20b	(50mm)		Total suspended solids	8.0	mg/L	
			Turbidity	14	NTU	
Monitoring	06/05/21	11/05/21	рН	6.2	pH	
Point 10 DW21b	(50mm)		Total suspended solids	9.0	mg/L	



		cui				
			Turbidity	11	NTU	
Monitoring	06/05/21	11/05/21	рН	7.4	рН	
Point 11 EPL12	(50mm)		Total suspended solids	14	mg/L	
			Turbidity	16	NTU	
Monitoring	06/05/21	11/05/21	рН	ND	рН	
Point 12 EPL11	(50mm)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	06/05/21	11/05/21	рН	7.1	рН	
Point 18 EPL13	(50mm)		Total suspended solids	22	mg/L	
			Turbidity	20	NTU	
Monitoring	28/04/21	25/05/21	рН	8.0	рН	There was no
Point 9 DW20b	(monthly)		Total suspended solids	29	mg/L	instance where 50
			Turbidity	20	NTU	mm or more of
Monitoring	28/04/21	25/05/21	рН	ND	рН	rainfall was
Point 10 DW21b	(monthly)		Total suspended solids	ND	mg/L	received at the
			Turbidity	ND	NTU	premises within a
Monitoring	28/04/21	25/05/21	рН	ND	рН	48 hour period in
Point 11 EPL12	(monthly)		Total suspended solids	ND	mg/L	April
			Turbidity	ND	NTU	
Monitoring	28/04/21	25/05/21	рН	ND	рН	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	20/03/21	28/04/21	рН	7.7	рН	There was two
Point 9 DW20b	(monthly +		Total suspended solids	3.0	mg/L	instances where 50
	50mm)		Turbidity	7.8	NTU	mm or more of
Monitoring	20/03/21	28/04/21	рН	ND	рН	rainfall was
Point 10 DW21b	(monthly +		Total suspended solids	ND	mg/L	received at the
	50mm)		Turbidity	ND	NTU	premises within a
Monitoring	20/03/21	28/04/21	рН	ND	рН	48 hour period in
Point 11 EPL12	(monthly +		Total suspended solids	ND	mg/L	February (20/03/21
	50mm)		Turbidity	ND	NTU	and 22/03/21).
Monitoring	20/03/21	28/04/21	рН	ND	рН	Monthly water
Point 12 EPL11	(monthly +		Total suspended solids	ND	mg/L	quality and wet
	50mm)		Turbidity	ND	NTU	weather
Monitoring	20/03/21	28/04/21	рН	7.1	рН	monitoring was
Point 18 EPL13	(monthly +		Total suspended solids	5.0	mg/L	combined and
	50mm)		Turbidity	13	NTU	undertaken on
Monitoring	24/03/21	07/04/21	рН	7.8	рН	20/03/20.
Point 9 DW20b	(50mm)		Total suspended solids	6.0	mg/L	
			Turbidity	16	NTU	Wet weather
Monitoring	24/03/21	07/04/21	рН	ND	рН	monitoring was
Point 10 DW21b	(50mm)		Total suspended solids	ND	mg/L	delayed on
			Turbidity	ND	NTU	22/03/21 due to
Monitoring	24/03/21	07/04/21	рН	8.0	рН	local flooding and
Point 11 EPL12	(50mm)		Total suspended solids	13	mg/L	site closure on
			Turbidity	19	NTU	22/03/21 and
Monitoring	24/03/21	07/04/21	рН	7.5	рН	23/3/21. As per
Point 12 EPL11	(50mm)		Total suspended solids	12	mg/L	M2.4 note from EPL
			Turbidity	18	NTU	11147, the EPA
Monitoring	24/03/21	07/04/21	рН	6.8	рН	were informed that
Point 18 EPL13	(50mm)		Total suspended solids	3.0	mg/L	monitoring would
			Turbidity	12	NTU	be undertaken



when floodwater receded and monitoring sites could be safely accessed. This was undertaken on 24/3/21

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 <u>https://www.boral.com.au/locations/boral-dunmore-operations</u>



Dunmore Lakes Sand Project Monitoring Locations.

Water Quality Monitoring Locations

