

# Environmental Monitoring Report

# **Dunmore Lakes Sand Project**

December 2023

Date Published: February 2024



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 December 2019 to December 2023.

	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: December 2023

Licensee: Dunmore Lakes Sand Project
Address: Princes Hwy, Dunmore NSW 2529

EPL No: 11147

	Monitoring	Results				
Location	Frequency	received	Pollutant	Measurement	Unit	Comments
Monitoring	27/12/2023	5/02/2024	рН	7.5	рН	Monitoring within
Point 9 DW20b	(50mm		Total suspended solids	30	mg/L	24 hours of
	rainfall)		Turbidity	28	NTU	50mm rainfall in
Monitoring	27/12/2023	5/02/2024	рН	8.2	рН	48 hour period
Point 10 DW21a	(50mm		Total suspended solids	13	mg/L	
	rainfall)		Turbidity	11	NTU	
Monitoring	27/12/2023	5/02/2024	рН	7.6	рН	
Point 11 EPL12	(50mm		Total suspended solids	8.0	mg/L	
	rainfall)		Turbidity	4.7	NTU	
Monitoring	27/12/2023	5/02/2024	рН	7.1	рН	
Point 12 EPL11	(50mm		Total suspended solids	34	mg/L	
	rainfall)		Turbidity	22	NTU	
Monitoring	27/12/2023	5/02/2024	рН	7.2	рН	
Point 18 EPL13	(50mm		Total suspended solids	32	mg/L	
	rainfall)		Turbidity	9.3	NTU	
Monitoring	20/12/2023	5/02/2024	рН	7.7	рН	Monitoring within
Point 9 DW20b	(50mm		Total suspended solids	12	mg/L	24 hours of
	rainfall)		Turbidity	24	NTU	50mm rainfall in
Monitoring	20/12/2023	5/02/2024	рН	7.1	рН	48 hour period
Point 10 DW21a	(50mm		Total suspended solids	16	mg/L	
	rainfall)		Turbidity	6	NTU	
Monitoring	20/12/2023	5/02/2024	рН	6.9	рН	
Point 11 EPL12	(50mm		Total suspended solids	7	mg/L	
	rainfall)		Turbidity	6.3	NTU	
Monitoring	20/12/2023	5/02/2024	рН	ND	рН	
Point 12 EPL11	(50mm		Total suspended solids		mg/L	
	rainfall)		Turbidity		NTU	
Monitoring	20/12/2023	5/02/2024	рН	6.9	pН	
Point 18 EPL13	(50mm		Total suspended solids	24	mg/L	
	rainfall)		Turbidity	10	NTU	
	-	•				
Monitoring	14/12/2023	5/02/2024	рН	ND	рН	
Point 9 DW20b	, ,	, ,	Total suspended solids		mg/L	
			Turbidity		NTU	There was two
Monitoring	14/12/2023	5/02/2024	рН	7.6	рН	instances where
Point 10 DW21a	' ' '		Total suspended solids		mg/L	50 mm of rainfall
			Turbidity	8.1	NTU	was received at
Monitoring	14/12/2023	5/02/2024	pH	8.5	рН	the premises
Point 11 EPL12	, ,,====	, , , , , , , , , , ,	Total suspended solids		mg/L	within a 48 hour
· ·			Turbidity	6.7	NTU	period in
Monitoring	14/12/2023	5/02/2024	рН	ND	рН	December
Point 12 EPL11	, ,,====	, , , , , , , , , , ,	Total suspended solids		mg/L	
· ·			Turbidity		NTU	

Monitoring	14/12/2023	5/02/2024	рН	8.0	pН	
Point 18 EPL13			Total suspended solids		mg/L	
			Turbidity	5.1	NTU	
	1	T	T			T
Monitoring	29/11/2023	5/02/2024	рН	7.8	pН	Monitoring withir
Point 9 DW20b	(50mm		Total suspended solids	250	mg/L	24 hours of
	rainfall)		Turbidity	120	NTU	50mm rainfall in
Monitoring	29/11/2023	5/02/2024	рН	7.5	pН	48 hour period
Point 10 DW21a	(50mm		Total suspended solids	30	mg/L	
	rainfall)		Turbidity	5.6	NTU	
Monitoring	29/11/2023	5/02/2024	рН	7.5	рН	
Point 11 EPL12	(50mm		Total suspended solids	15	mg/L	
	rainfall)		Turbidity	7	NTU	
Monitoring	29/11/2023	5/02/2024	рН	ND	рН	
Point 12 EPL11	(50mm		Total suspended solids		mg/L	
	rainfall)		Turbidity		NTU	
Monitoring	29/11/2023	5/02/2024	рН	7.6	рН	
Point 18 EPL13	(50mm		Total suspended solids	48	mg/L	
	rainfall)		Turbidity	18	NTU	
Monitoring	16/11/2023	5/02/2024	рН	ND	рН	
Point 9 DW20b			Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	16/11/2023	5/02/2024	рН	7.1	рН	There was one
Point 10 DW21a			Total suspended solids	14	mg/L	There was one
			Turbidity	4.2	NTU	instance where 50 mm of rainfall
Monitoring	16/11/2023	5/02/2024	рН	ND	pН	
Point 11 EPL12			Total suspended solids		mg/L	was received at
			Turbidity		NTU	the premises
Monitoring	16/11/2023	5/02/2024	рН	ND	рН	within a 48 hour
Point 12 EPL11			Total suspended solids		mg/L	period in
			Turbidity		NTU	November
Monitoring	16/11/2023	5/02/2024	рН	6.9	рН	
Point 18 EPL13			Total suspended solids	19	mg/L	
			Turbidity	7.6	NTU	

ND: No discharge from sampling site NA: Not yet activated by operations

## **Historical Water Monitoring Data**

Location	Monitoring	Results	Pollutant	Measurement	Unit	Comments
Monitoring	Frequency 26/10/2023	received 06/12/2023	рН	ND	рН	
Point 9 DW20b	20, 20, 2020	00, 12, 2020	Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	26/10/2023	06/12/2023	pH	7.6	рН	-
Point 10 DW21a			Total suspended solids	6	mg/L	There was no
			Turbidity	2.6	NTU	instance where
Monitoring	26/10/2023	06/12/2023	рН	ND	рН	50 mm of rainfall
Point 11 EPL12			Total suspended solids		mg/L	was received at
			Turbidity		NTU	the premises
Monitoring	26/10/2023	06/12/2023	рН	ND	рН	within a 48 hour
Point 12 EPL11			Total suspended solids		mg/L	period in October
			Turbidity		NTU	-
Monitoring	26/10/2023	06/12/2023	pH	7.1	pН	
Point 18 EPL13			Total suspended solids	74	mg/L	
			Turbidity	70	NTU	
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Monitoring	21/09/2023	10/11/2023	pH	8.0	pН	
Point 9 DW20b			Total suspended solids	12	mg/L	
	24/22/2222	10/11/2022	Turbidity	7.4	NTU	-
Monitoring	21/09/2023	10/11/2023	pH	7.4	pН	There was no
Point 10 DW21a			Total suspended solids	8	mg/L	instance where
Manitarina	24 /00 /2022	10/11/2022	Turbidity	10	NTU	50 mm of rainfall
Monitoring	21/09/2023	10/11/2023	pH	ND	pH	was received at
Point 11 EPL12			Total suspended solids		mg/L NTU	the premises
Monitoring	21/09/2023	10/11/2023	Turbidity pH	ND	pH	within a 48 hour
Point 12 EPL11	21/09/2023	10/11/2023	Total suspended solids	IND	рп mg/L	period in
			Turbidity		NTU	September
Monitoring	21/09/2023	10/11/2023	pH	6.9	pH	-
Point 18 EPL13	21/03/2023	10/11/2023	Total suspended solids	27	mg/L	
10111110111111			Turbidity	37	NTU	
	1			<u> </u>		ı
Monitoring	23/08/2023	29/09/2023	рН	ND	рН	
Point 9 DW20b	25, 55, 2525		Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	23/08/2023	29/09/2023	pH	7.0	рН	
Point 10 DW21a	' '	, ,	Total suspended solids	16	mg/L	There was no
			Turbidity	19	NTU	instance where
Monitoring	23/08/2023	29/09/2023	pH	ND	рН	50 mm of rainfall
Point 11 EPL12			Total suspended solids		mg/L	was received at
			Turbidity		NTU	the premises
Monitoring	23/08/2023	29/09/2023	рН	ND	рН	within a 48 hour
Point 12 EPL11			Total suspended solids		mg/L	period in August
			Turbidity		NTU	
Monitoring	23/08/2023	29/09/2023	рН	7.7	рН	
Point 18 EPL13			Total suspended solids	67	mg/L	
			Turbidity	60	NTU	
		T				
Monitoring	20/07/2023	1/08/2023	рН	ND	рН	There was no
Point 9 DW20b			Total suspended solids		mg/L	instance where
			Turbidity		NTU	50 mm of rainfall

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Monitoring	20/07/2023	1/08/2023	рН	7.8	рН	was received at
Point 10 DW21a			Total suspended solids	10	mg/L	the premises
			Turbidity	13	NTU	within a 48 hour
Monitoring	20/07/2023	1/08/2023	рН	ND	рН	period in July
Point 11 EPL12			Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	20/07/2023	1/08/2023	рН	ND	рН	
Point 12 EPL11			Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	20/07/2023	1/08/2023	рН	6.6	рН	
Point 18 EPL13			Total suspended solids	48	mg/L	
			Turbidity	50	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	рН	7.0	рН	
Point 10 DW21a			Total suspended solids	22	mg/L	There was no
			Turbidity	19	NTU	instance where
Monitoring	22/06/2023	30/06/2023	рН	ND	рН	50 mm of rainfall
Point 11 EPL12			Total suspended solids		mg/L	was received at
			Turbidity		NTU	the premises
Monitoring	22/06/2023	30/06/2023	pH	ND	рН	within a 48 hour
Point 12 EPL11	, ,	, ,	Total suspended solids		mg/L	period in June
			Turbidity		NTU	•
Monitoring	22/06/2023	30/06/2023	pH	6.7	рН	
Point 18 EPL13	,,	00,00,00	Total suspended solids	34	mg/L	
			Turbidity	45	NTU	
	•	I.	,	l		
Monitoring	23/05/2023	05/06/2023	рН	7.7	рН	
Point 9 DW20b	20,00,202	00,00,2020	Total suspended solids	331	mg/L	
. 0 5 5 11 200			Turbidity	45	NTU	
Monitoring	23/05/2023	05/06/2023	pH	6.9	pH	
Point 10 DW21a	23,03,2023	03/00/2023	Total suspended solids	10	mg/L	There was no
10111110000210			Turbidity	17	NTU	instance where
Monitoring	23/05/2023	05/06/2023	pH	ND	pH	50 mm of rainfall
Point 11 EPL12	23/03/2023	03/00/2023	Total suspended solids	IND	mg/L	was received at
TOING II LI LIZ			Turbidity		NTU	the premises
Monitoring	23/05/2023	05/06/2023	pH	ND	pH	within a 48 hour
Point 12 EPL11	23/03/2023	03/00/2023	Total suspended solids	IND	mg/L	period in May
TOING 12 LT LII			Turbidity		NTU	period in ividy
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	
TOING TO ET ETS			Turbidity	60	NTU	
	<u> </u>		Turbialty	00	1410	
Monitorina	20/04/2022	02/05/2022	nll	7.5	nII	
Monitoring	20/04/2023	03/05/2023	pH	7.5	pH mg/l	
Point 9 DW20b			Total suspended solids	17	mg/L	
NA maid =i. =	20/04/2022	02/05/2222	Turbidity	15	NTU	There was no
Monitoring	20/04/2023	03/05/2023	pH	6.9	pH	instance where
Point 10 DW21a			Total suspended solids	14	mg/L	50 mm of rainfall
	00/01/5	00/6=/5==	Turbidity	7.7	NTU	was received at
Monitoring	20/04/2023	03/05/2023	pH	7.7	pH	the premises
Point 11 EPL12			Total suspended solids	10	mg/L	within a 48 hour
			Turbidity	1.2	NTU	period in April
Monitoring	20/04/2023	03/05/2023	pH	ND	pH ,	
Point 12 EPL11			Total suspended solids		mg/L	
			Turbidity		NTU	

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Monitoring	20/04/2023	03/05/2023	рН	6.9	рН	
Point 18 EPL13			Total suspended solids	32	mg/L	
			Turbidity	19	NTU	
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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	рН	6.9	pН	
Point 10 DW21a			Total suspended solids	24	mg/L	
			Turbidity	6.8	NTU	
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	pН	ND	pН	
Point 12 EPL11			Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	23/03/2023	03/04/2023	pH	6.8	рН	
Point 18 EPL13	, , , , , ,		Total suspended solids	21	mg/L	
			Turbidity	7.5	NTU	
			Tarbiarcy	7.3	1110	
Monitoring	15/03/2023	03/04/2023	рН	7.4	рН	
Point 9 DW20b	15/05/2025	03/04/2023	Total suspended solids	31	mg/L	
TOTAL S D W 200			Turbidity	45	NTU	
Monitoring	15/03/2023	03/04/2023	pH	6.8	pH	
Point 10 DW21a	13/03/2023	03/04/2023	Total suspended solids	27	mg/L	
FOIIIL TO DVVZIA			Turbidity	37	NTU	
Monitoring	15/03/2023	03/04/2023	pH	7.5		Monitoring withi
Point 11 EPL12	15/05/2025	03/04/2023	•	7.5 24	pH	24 hours of
POIIIL II EPLIZ			Total suspended solids		mg/L	50mm rainfall in
N.A it i	45 (02 (2022	02/04/2022	Turbidity	18	NTU	48 hour period
Monitoring	15/03/2023	03/04/2023	pH	6.5	pH	
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			Total suspended solids	33	mg/L	
			Turbidity	40	NTU	
	1	T 1- 1	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	pН	
Point 10 DW21a			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	рН	7.2	рН	
Point 18 EPL13			Total suspended solids	10	mg/L	
			Turbidity	9.4	NTU	
Monitoring	09/02/2023	06/03/2023	рН	7.3	рН	NA-mit 1 1011
Point 9 DW20b			Total suspended solids	346	mg/L	Monitoring withi
			Turbidity	400	NTU	24 hours of
Monitoring	09/02/2023	06/03/2023	pH	7.2	рН	50mm rainfall in
Point 10 DW21a	, , , , , , , , , , , , , , , , , , ,	, 11, 11	Total suspended solids	79	mg/L	48 hour period
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			Turbidity	90	NTU	
Monitoring	09/02/2023	06/03/2023	рН	7	рН	
Point 11 EPL12			Total suspended solids	69	mg/L	
			Turbidity	110	NTU	
Monitoring	09/02/2023	06/03/2023	рН	6.6	рН	
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	pH	ND	рН	50 mm of rainfall
Point 11 EPL12		11, 12, 2020	Total suspended solids	1	mg/L	was received at
			Turbidity		NTU	the premises
Monitoring	19/01/2023	06/03/2023	pH	ND	pH	within a 48 hour
Point 12 EPL11		33, 33, 2023	Total suspended solids		mg/L	period in January
TOTAL 12 LI LII			Turbidity		NTU	period in Junuary
Monitoring	19/01/2023	06/03/2023	pH	6.4	pH	
Point 18 EPL13	13/01/2023	00/03/2023	Total suspended solids	37	mg/L	
FOIIIL 10 LFL13			Turbidity	17	NTU	
	1		Turblatty		NIO	
Manitonian	15/12/2022	00/02/2022		ND		
Monitoring	15/12/2023	06/02/2023	pH	ND	pH	
Point 9 DW20b			Total suspended solids		mg/L	
	45/42/2022	06/02/2022	Turbidity	7.4	NTU	
Monitoring	15/12/2023	06/02/2023	pH	7.1	pН	There was no
Point 10 DW21a			Total suspended solids	42	mg/L	instance where
	45/40/2022	05/00/0000	Turbidity	2.5	NTU	50 mm of rainfall
Monitoring	15/12/2023	06/02/2023	pH	ND	pH	was received at
Point 11 EPL12			Total suspended solids		mg/L	the premises
			Turbidity		NTU	within a 48 hour
Monitoring	15/12/2023	06/02/2023	рН	ND	pН	period in
Point 12 EPL11			Total suspended solids		mg/L	December
			Turbidity		NTU	
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	pH	7.5	рН	There was no
Point 10 DW21a			Total suspended solids	17	mg/L	instance where
			Turbidity	20	NTU	50 mm of rainfall
Monitoring	23/11/2023	06/02/2023	pH	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	pH	ND	pH	period in
Point 12 EPL11		33, 32, 2023	Total suspended solids		mg/L	November
. 5111( 12 L1 L11			Turbidity		NTU	1.500111501
Monitoring	23/11/2023	06/02/2023	pH	7.5	pH	
Point 18 EPL13	23/11/2023	00,02,2023	Total suspended solids	7.3	mg/L	
I OIIIL TO ELLTO	1	L	Total suspended solids	/3	IIIg/L	<u> </u>

			Environmental Monito Turbidity	50	NTU	
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Monitoring	25/10/2022	8/12/2022	nΠ	7.4	nH	
Monitoring Point 9 DW20b	25/10/2022	8/12/2022	pH Total suspended solids	17.4	pH mg/l	
POINT 9 DW 200			Turbidity	21	mg/L NTU	
Monitoring	25/10/2022	9/12/2022	•	+	_	
Monitoring	25/10/2022	8/12/2022	pH	7.2	pH	
Point 10 DW21a			Total suspended solids	18	mg/L NTU	
NA iti	25 /40/2022	0/42/2022	Turbidity	24		Monitoring within
Monitoring	25/10/2022	8/12/2022	pH	7.0	pН	24 hours of
Point 11 EPL12			Total suspended solids	22	mg/L	50mm rainfall in
	/: - /		Turbidity	27	NTU	48 hour period
Monitoring	25/10/2022	8/12/2022	рН	7.7	pН	·
Point 12 EPL11			Total suspended solids	45	mg/L	
			Turbidity	60	NTU	
Monitoring	25/10/2022	8/12/2022	рН	7.1	рН	
Point 18 EPL13			Total suspended solids	31	mg/L	
			Turbidity	26	NTU	
Monitoring	22/10/2022	8/12/2022	рН	7.3	рН	
Point 9 DW20b			Total suspended solids	50	mg/L	
			Turbidity	27	NTU	
Monitoring	22/10/2022	8/12/2022	рН	6.8	рН	
Point 10 DW21a	, -, -	-, , -	Total suspended solids	34	mg/L	
			Turbidity	18	NTU	
Monitoring	22/10/2022	8/12/2022	рН	7.6	рН	Monitoring within
Point 11 EPL12	22/10/2022	0,12,2022	Total suspended solids	12	mg/L	24 hours of
TOING II ET EIZ			Turbidity	11	NTU	50mm rainfall in
Monitoring	22/10/2022	8/12/2022	pH	7.5	pH	48 hour period
Point 12 EPL11	22/10/2022	0/12/2022	Total suspended solids	5	mg/L	
POINT 12 EPL11			· · · · · · · · · · · · · · · · · · ·	15	NTU	
Monitoring	22/10/2022	8/12/2022	Turbidity pH	6.9		
Point 18 EPL13	22/10/2022	8/12/2022	Total suspended solids	54	pH	
POINT 18 EPL13			·		mg/L	
			Turbidity	19	NTU	
	10/10/2022	0/40/0000				
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	рН	6.9	рН	
Point 10 DW21a			Total suspended solids	27	mg/L	
			Turbidity	36	NTU	Monitoring within
Monitoring	10/10/2022	8/12/2022	рН	7.8	рН	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	рН	6.6	рН	+o nour period
Point 12 EPL11			Total suspended solids	19	mg/L	
			Turbidity	17	NTU	
Monitoring	10/10/2022	8/12/2022	рН	7.3	рН	
Point 18 EPL13			Total suspended solids	17	mg/L	
			Turbidity	29	NTU	
	1	1	-1	1		
Monitoring	7/10/2022	8/12/2022	рН	7.8	рН	
Point 9 DW20b	,,10,2022	5, 12, 2022	Total suspended solids	44	mg/L	Monitoring withir
I JIIIL J DVV ZUU			Turbidity	24	NTU	24 hours of
Monitorina	7/10/2022	0/12/2022	•			50mm rainfall in
Monitoring	7/10/2022	8/12/2022	pH Total suspended solids	7.2	pH mg/l	
Point 10 DW21a			Total suspended solids	54	mg/L	48 hour period
			Turbidity	65	NTU	

Point 11 EPL12	Dunn	nore Lakes Sa	and Project E	invironmental Monito	ring Report		_
Monitoring	Monitoring	7/10/2022	8/12/2022	рН	7.6	рН	
Monitoring   Point 12 EPL11   7/10/2022   8/12/2022   pH   Total suspended solids   26 mg/L   NTU   PH   Total suspended solids   26 mg/L   NTU   PH   Total suspended solids   26 mg/L   NTU   PH   Total suspended solids   33 mg/L   NTU   PH   Total suspended solids   30 mg/L   NTU   PH   Total suspended solids   28 mg/L   NTU   PH   Total suspended solids   24 mg/L   NTU   PH   Total suspended solids   10 mg/L   NTU   PH   Total suspended solids   10 mg/L   NTU   NTU   PH   Total suspended solids   10 mg/L   NTU   PH   Total suspended solids   29 mg/L   NTU   PH   Total suspended solids   21 mg/L   NTU   PH   Total suspended solids   22 mg/L   NTU   PH   Total suspended solids   24 mg/L   NTU   PH   Total suspended solids   25 mg/L   NTU   PH   Total suspended solids   26 mg/L   NTU   PH   Total suspended solids   27 mg/L   NTU   NTU   PH   Total suspended solids   28 mg/L   NTU   NTU   PH   Total suspended solids   ND mg/L   NTU   NTU   PH   Total suspended solids   ND mg/L   NTU   NTU   PH   Total suspended solids	Point 11 EPL12			Total suspended solids	17	mg/L	
Monitoring					17	_	
Point 12 EPL11	Monitoring	7/10/2022	8/12/2022			+	
Monitoring		771072022	0,12,2022	<u> </u>			
Monitoring	FOIIIL 12 LFL11			· · · · · · · · · · · · · · · · · · ·		_	
Monitoring   30/09/2022   8/11/2022   pH   7.9   pH   24 hours of Total suspended solids Turbidity   24 hours of Total suspended solids Turbidity   24 hours of Somm rainfall in Albanitoring   30/09/2022   8/11/2022   pH   7.2   pH   7.3   p		7/40/2022	0/40/2022	·			
Monitoring   30/09/2022   8/11/2022   pH   7.2   pH   24 hours of point 10 DW21a   mg/L 24 hours of point 11 EPL12   pH   Total suspended solids   Turbidity   13   NTU   Monitoring   30/09/2022   8/11/2022   pH   8.1   pH   mg/L   Monitoring   Point 11 EPL12   pH   Total suspended solids   Turbidity   13   NTU   PH   Total suspended solids   Turbidity   11   NTU   PH   Total suspended solids   Turbidity   12   PH   Total suspended solids   Turbidity   Turbid	_	//10/2022	8/12/2022	•			
Monitoring	Point 18 EPL13			•			
Point 9 DW20b				Turbidity	40	NTU	
Point 9 DW20b			T		Γ	T	Γ
Monitoring   30/09/2022   8/11/2022   pH   7.2   pH   Mg/L   Monitoring   30/09/2022   8/11/2022   pH   7.2   pH   Mg/L   Monitoring   30/09/2022   8/11/2022   pH   Total suspended solids   24   mg/L   M	_	30/09/2022	8/11/2022	•			_
Monitoring Point 10 DW21a	Point 9 DW20b			Total suspended solids	30	mg/L	
Point 10 DW21a				Turbidity	24	NTU	50mm rainfall in
Monitoring   30/09/2022   8/11/2022   pH   8.1   pH   mg/L   Total suspended solids   10   mg/L   Total suspended solids   29   mg/L   Total suspended solids   29   mg/L   Total suspended solids   21   mg/L   Total suspended solids   22   mg/L   Total suspended solids   24   mg/L   Total suspended solids   13   mg/L   Total suspended solids   10   mg/L   Total suspended solids	Monitoring	30/09/2022	8/11/2022	рН	7.2	рН	48 hour period
Monitoring   30/09/2022   8/11/2022   pH   8.1   pH   mg/L   Total suspended solids   10   mg/L   Total suspended solids   29   mg/L   Total suspended solids   29   mg/L   Total suspended solids   21   mg/L   Total suspended solids   22   mg/L   Total suspended solids   24   mg/L   Total suspended solids   13   mg/L   Total suspended solids   10   mg/L   Total suspended solids	_			Total suspended solids	28		-
Monitoring				· · · · · · · · · · · · · · · · · · ·		_	
Point 11 EPL12	Monitoring	30/09/2022	8/11/2022	·			
Monitoring   25/08/2022   5/10/2022   pH   Total suspended solids   Turbidity   Turbidit		30,03,2022	0/11/2022	•		-	
Monitoring	FUIIL 11 EPL12			· · · · · · · · · · · · · · · · · · ·			
Point 12 EPL11		00/55/55-	0/46/25==	•			
Monitoring   Point 12 EPL11   S708/2022   S/10/2022   S/10/2022   PH   Total suspended solids   Turbidity   Turb	_	30/09/2022	8/11/2022				
Monitoring Point 18 EPL13   30/09/2022   8/11/2022   Total suspended solids	Point 12 EPL11			· · · · · · · · · · · · · · · · · · ·		mg/L	
Point 18 EPL13   Total suspended solids   Turbidity				Turbidity	11	NTU	
Point 18 EPL13   Solution   Total suspended solids   Turbidity	Monitoring	30/09/2022	8/11/2022	рН	7.1	рН	
Monitoring   25/08/2022   5/10/2022   pH   7.7   pH   There was no instance where   50 mm of rainfall   mg/L   Turbidity   55   NTU   Somm   Total suspended solids   21   mg/L   Turbidity   55   NTU   Somm   Total suspended solids   24   mg/L   Turbidity   24   mg/L   Turbidity   24   mg/L   Turbidity   25/08/2022   5/10/2022   pH   7.3   pH   mg/L   Turbidity   24   NTU   Monitoring   25/08/2022   5/10/2022   pH   ND   pH   Total suspended solids   13   mg/L   NTU   Monitoring   25/08/2022   5/10/2022   pH   ND   pH   Total suspended solids   Turbidity   ND   NTU   ND   NTU   Monitoring   25/08/2022   5/10/2022   pH   7.3   pH   mg/L   Total suspended solids   105   mg/L   Turbidity   ND   NTU   Monitoring   25/08/2022   5/10/2022   pH   7.3   pH   mg/L   Turbidity   ND   NTU   Monitoring   Comm   Tainfall   Turbidity   So   NTU   Monitoring   Comm   Tainfall   Turbidity   So   NTU   Total suspended solids   Turbidity   So   NTU   Total suspended solids   Turbidity   So   NTU   Monitoring   Comm   Tainfall   Turbidity   So   NTU   Total suspended solids   Turbidity   So   NTU   Monitoring   Comm   Tainfall   Turbidity   So   NTU   Total suspended solids   So   mg/L   Turbidity   So   NTU   Monitoring   Comm   Tainfall   Turbidity   So   NTU   Total suspended solids   So   mg/L   Turbidity   So   NTU   Monitoring   Comm   Tainfall   Turbidity   So   NTU   Turbidity   So   NTU   Monitoring   Comm   Tainfall   Turbidity   So   NTU   Turbidity   So   NTU   Monitoring   Comm   Tainfall   Turbidity   So   NTU   Turbidity   So   NTU   Monitoring   Somm   Tainfall   Turbidity   So   NTU   Turbidity   So   NTU   Monitoring   Somm   Tainfall   Turbidity   So   NTU   Turbidity   So   NTU   Turbidity   So   NTU   Somm   Tainfall   Turbidity   So   NTU   Turbidity   So   NTU   Tu	_	, ,	, ,	<u> </u>			
Monitoring				· · · · · · · · · · · · · · · · · · ·			
Point 9 DW20b				Turblatty	37	1110	
Point 9 DW20b	Monitoring	25/08/2022	5/10/2022	На	7.7	на	There was no
Monitoring   25/08/2022   5/10/2022   pH   7.9   pH   was received at the premises within a 48 hour period in August	_	,,	0, 20, 2022	•			
Monitoring Point 10 DW21a   25/08/2022   5/10/2022   pH   Total suspended solids   24   mg/L   Turbidity   23   NTU   pH   Total suspended solids   13   mg/L   Turbidity   2.4   NTU   pH   Total suspended solids   13   mg/L   Turbidity   2.4   NTU   pH   Total suspended solids   ND   mg/L   NTU   pH   Total suspended solids   ND   mg/L   NTU   PH   Total suspended solids   ND   mg/L   NTU   Monitoring   25/08/2022   5/10/2022   pH   ND   NTU   ND   NTU   ND   NTU   NT	10111113 200200			· ·		_	
Point 10 DW21a	Manitarina	25 /00 /2022	F /10/2022				
Monitoring   25/08/2022   5/10/2022   pH   7.3   pH   mg/L   NTU   period in August	_	25/08/2022	5/10/2022				
Monitoring   Point 11 EPL12   S/10/2022   S/10/2022   pH   Total suspended solids   Turbidity   Deption of the point 12 EPL11   Total suspended solids   Turbidity   Turbidit	Point 10 DW21a			· · · · · · · · · · · · · · · · · · ·		_	-
Point 11 EPL12				•	23		
Monitoring   25/08/2022   5/10/2022   pH   ND   pH   mg/L   NTU	Monitoring	25/08/2022	5/10/2022	рН	7.3	рН	period in August
Monitoring	Point 11 EPL12			Total suspended solids	13	mg/L	
Point 12 EPL11				Turbidity	2.4	NTU	
Point 12 EPL11	Monitoring	25/08/2022	5/10/2022	Hq	ND	Hq	
Monitoring   25/08/2022   5/10/2022   pH   7.3   pH   Total suspended solids   105   mg/L   NTU	_				ND	-	
Monitoring							
Point 18 EPL13	Monitoring	25/08/2022	5/10/2022	·			
Monitoring Point 9 DW20b   C50mm rainfall   Turbidity   Total suspended solids Turbidity   Total suspended solids Turbidity   Total suspended solids   Turbidity   Total suspended solids   Turbidity   Total suspended solids   Turbidity   Total suspended solids   Turbidity   Total suspended solids   Turbidity   Total suspended solids   Turbidity   Turbidity   Turbidity   Turbidity   Turbidity   Total suspended solids   Turbidity   Turbidity   Total suspended solids   Turbidity   Turbidity   Total suspended solids		23/08/2022	3/10/2022	•			
Monitoring Point 9 DW20b	POINT 18 EPL13			· · · · · · · · · · · · · · · · · · ·		_	
Monitoring				Turbidity	/5	NIU	
Monitoring		6/07/2022	20/07/2022	m11	7.3		<u> </u>
Point 9 DW20b	Monitoring		28/0//2022	<u> </u>		-	
Monitoring   G/07/2022   Z8/07/2022   pH   G.9   pH   mg/L   NTU	_	-		•		_	
Monitoring Point 10 DW21a				•			
Point 10 DW21a   rainfall   rainfall   rainfall   Turbidity   22   NTU	Monitoring		28/07/2022	•			
Point 10 DW21a	_	(50mm		Total suspended solids	5.5	mg/L	
Monitoring   6/07/2022   28/07/2022   pH   6.9   pH   24 hours of   50mm   rainfall)   Turbidity   28   NTU   48 hour period   Monitoring   6/07/2022   (50mm   rainfall)   Turbidity   5.9   NTU   Monitoring   Monitoring   6/07/2022   28/07/2022   pH   Total suspended solids   Turbidity   5.9   NTU   Monitoring   Point 18 EPI 13   (50mm   Total suspended solids   Total suspended solids   5.5   mg/L   Monitoring within   24 hours of   50mm rainfall in   48 hour period   48 hour period   Monitoring within   24 hours of   50mm rainfall in   48 hour period   50mm   Total suspended solids   5.9   NTU   5.9   NTU   5.9   NTU   5.9   Monitoring within   50mm rainfall in   5.9   NTU   5.9   Monitoring within   5.9   NTU   5	LOUIT TO DAYSTY	rainfall)		Turbidity	22	NTU	NA
Total suspended solids   22   mg/L   NTU   28   NTU   28   NTU   48   Hour period   10   NTU   NTU   10   NTU			28/07/2022				_
Point 11 EPL12	_		, , ,	•			
Monitoring Point 12 EPL11  Monitoring Point 12 EPL11  Monitoring Point 18 EPL13  Fig. 13  Fig. 12  Fig. 12  Fig. 12  Fig. 13  Fig. 12  Fig	Point 11 EPL12						
Monitoring		+	20/07/2022				48 hour period
Point 12 EPL11 (50mm rainfall) Turbidity 5.9 NTU  Monitoring (50mm Form 10 and suspended solids 10 and 10 a	Monitoring		20/0//2022	<u> </u>			
Tainfall   Turbidity   5.9   NTU	Point 12 EPL11			· · · · · · · · · · · · · · · · · · ·		_	
Monitoring Point 18 FPI 13 (50mm Total suspended solids 5.5 mg/L				•		1	
Point 18 FPI 13 (50mm   Total suspended solids   5.5   mg/L	Monitoring		28/07/2022	<u> </u>		-	
rainfall) Turbidity 19 NTU	_	,		· · · · · · · · · · · · · · · · · · ·			
	. 51111 10 11 113	rainfall)		Turbidity	19	NTU	

			invironmentai Monito	l l l l l l l l l l l l l l l l l l l		
Monitoring	23/06/2022	10/08/2022	рН	ND	рН	There was no
Point 9 DW20b	23/00/2022	10,00,2022	Total suspended solids	ND	mg/L	instance where
			Turbidity	ND	NTU	50 mm of rainfall
Monitoring	23/06/2022	10/08/2022	pH	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	<u> </u>
Monitoring	23/06/2022	10/08/2022	рН	6.9	pН	
Point 18 EPL13			Total suspended solids	104	mg/L	
			Turbidity	95	NTU	
	1 22 /25 /222	20/07/2022			1	I
Monitoring	23/05/2022	28/07/2022	pH	7.5	pH	Monitoring within
Point 9 DW20b	(50mm		Total suspended solids	23 30	mg/L NTU	24 hours of 50mm rainfall in
Monitoring	rainfall) 23/05/2022	20/07/2022	Turbidity		+	
Monitoring Point 10 DW21a	(50mm	28/07/2022	pH Total suspended solids	7.0 26	pH mg/l	48 hour period
POIIIL 10 DVVZ1a	rainfall)		Total suspended solids Turbidity	36	mg/L NTU	
Monitoring	23/05/2022	28/07/2022	pH	6.8	pH	-
Point 11 EPL12	(50mm	28/07/2022	Total suspended solids	9	mg/L	
FOIIIL II LFLIZ	rainfall)		Turbidity	18	NTU	
Monitoring	23/05/2022	28/07/2022	pH	7.5	pH	-
Point 12 EPL11	(50mm	20,07,2022	Total suspended solids	13	mg/L	
7 01110 112 117 1111	rainfall)		Turbidity	12	NTU	
Monitoring	23/05/2022	28/07/2022	pH	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	pH	
Point 18 EPL13	(50mm		Total suspended solids	24	mg/L	
	rainfall)		Turbidity	32	NTU	
	0/01/2555	27/04/5555			1	I a.a
Monitoring	8/04/2022	27/04/2022	pH	7.3	pH	Monitoring within
Point 9 DW20b	(50mm		Total suspended solids	11	mg/L	24 hours of
Manite la-	rainfall)	27/04/2022	Turbidity	33	NTU	50mm rainfall in
Monitoring	8/04/2022 (50mm	27/04/2022	pH	ND ND	pH mg/l	48 hour period
Point 10 DW21a	(50mm		Total suspended solids	ND ND	mg/L	
Monitoring	rainfall)	27/04/2022	Turbidity pH	ND 7.2	NTU	-
Monitoring	8/04/2022	27/04/2022	<u>.</u>	7.3 10	pH mg/l	
Point 11 EPL12			Total suspended solids	19	mg/L	_

Dunn		and Project E	Environmental Monito			7
	(50mm rainfall)		Turbidity	45	NTU	
Monitoring	8/04/2022	27/04/2022	pН	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	
	, annually				10	
Monitoring	31/03/2022	27/04/2022	рН	7.1	рН	Monitoring within
Point 9 DW20b	(50mm	27,01,2022	Total suspended solids	21	mg/L	24 hours of
1011113 211202	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	27/04/2022	Total suspended solids	14	mg/L	46 flour periou
POINT 10 DWZ1a	-		· ·		_	
	rainfall)	27/04/2022	Turbidity	16.8	NTU	_
Monitoring	31/03/2022	27/04/2022	pH	7.3	pH	
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	pН	
Point 18 EPL13	(50mm		Total suspended solids	18	mg/L	
	rainfall)		Turbidity	20.1	NTU	
				•		•
Monitoring	29/03/2022	27/04/2022	pН	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	pH	6.8	рН	48 hour period
Point 10 DW21a	(50mm	27,01,2022	Total suspended solids	16	mg/L	io iio ai poiio a
10111(10 011214	rainfall)		Turbidity	18.9	NTU	
Monitoring	29/03/2022	27/04/2022	pH	7.1	pH	_
Point 11 EPL12	(50mm	27/04/2022	Total suspended solids	179	mg/L	
FUIII II LFLIZ	rainfall)		Turbidity	143	NTU	
Monitoring	29/03/2022	27/04/2022	pH	7.2	+	
Monitoring		27/04/2022			pH	
Point 12 EPL11	(50mm		Total suspended solids	207	mg/L	
	rainfall)	27/04/2022	Turbidity	141	NTU	_
Monitoring	29/03/2022	27/04/2022	pH	6.9	pH	
Point 18 EPL13	(50mm		Total suspended solids	25	mg/L	
	rainfall)		Turbidity	15.7	NTU	
NAi+ '	40/02/2222	24/02/2222	.,	7.2	1	NA
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)		Turbidity	27.3	NTU	rainfall in 48 hour
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		31/03/2022	рН	6.8	рН	
Monitoring	10/03/2022	31/03/2022				
Point 12 EPL11	10/03/2022 (50mm	31/03/2022	Total suspended solids	6.0	mg/L	
_		31/03/2022	Total suspended solids Turbidity	6.0 7.63	mg/L NTU	
_	(50mm	31/03/2022				
Point 12 EPL11	(50mm rainfall)		Turbidity	7.63	NTU	
Point 12 EPL11  Monitoring	(50mm rainfall) 10/03/2022		Turbidity pH	7.63 7.0	NTU pH	

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	Monito	ring	1/03/2022	31/03/2022	рН		7.3	рН	Monitorin	_
	Point 9	DW20b	(50mm		Total suspen	ded solids	10	mg/L	24 hours of	
			rainfall)		Turbio	dity	16.6	NTU	rainfall in	48 hour
	Monito	ring	1/03/2022	31/03/2022	pH		NA	рН	peri	od
	Point 1	0 DW21b	(50mm		Total suspen	ded solids	NA	mg/L		
			rainfall)		Turbio	dity	NA	NTU		
	Monito	ring	1/03/2022	31/03/2022	рН		7.3	рН		
	Point 1	1 EPL12	(50mm		Total suspen	ded solids	25	mg/L		
			rainfall)		Turbio	dity	16.9	NTU		
	Monito	ring	1/03/2022	31/03/2022	pН		6.8	рН		
	Point 1	2 EPL11	(50mm		Total suspen	ded solids	5	mg/L		
			rainfall)		Turbio	dity	6.26	NTU		
	Monito	ring	1/03/2022	31/03/2022	рН		6.9	рН		
	Point 1	8 EPL13	(50mm		Total suspen	ded solids	18	mg/L		
			rainfall)		Turbio	dity	9.76	NTU		
	Monito	ring	24/02/22	22/04/22	рН		7.5	рН	Monitorin	g within
		DW20b	(50mm	, , ,	Total suspen		41	mg/L	24 hours o	_
			rainfall)		Turbio			NTU	rainfall in	
	Monito	ring	24/02/22	22/04/22	рН		6.9	рН	peri	
		0 DW21b	(50mm	, , ,	Total suspen		20	mg/L		
			rainfall)		Turbio			NTU		
	Monito	ring	24/02/22	22/04/22	рН		7.4	рН		
		1 EPL12	(50mm	,,	Total suspen		31	mg/L		
			rainfall)		Turbic		0-	NTU		
	Monito	ring	24/02/22	22/04/22	рН	-	6.6	pН		
		2 EPL11	(50mm	,	Total suspen		62	mg/L		
			rainfall)		Turbic		<u></u>	NTU		
	Monito	ring	24/02/22	22/04/22	рН		6.7	рН		
		8 EPL13	(50mm	22,01,22	Total suspen		26	mg/L		
		0 1: 110	rainfall)		Turbic			NTU		
			rannany		10.5.0	arcy		1110		
	Monito	ring	20/01/22	31/03/22	рН	1	7.7	рН	There v	/2C DO
		DW20b	20/01/22	31/03/22	Total suspen		9.0	mg/L	instance v	
	Tomics	DVV200			Turbio		4.45	NTU	mm of rai	
	Monito	ring	20/01/22	31/03/22	рН		NA	pH	received	
		0 DW21b	20/01/22	31/03/22	Total suspen		NA	mg/L	premises	
	1 01110 1	0 0 0 0 2 1 0			Turbio		NA	NTU	48 hour p	
	Monito	ring	20/01/22	31/03/22	рН		8.1	pH	Janu	
		1 EPL12	20,01,22	31,03,22	Total suspen		7.0	mg/L	Janu	1
	1 01110 1	1 11 112			Turbio		4.15	NTU		
	Monito	ring	20/01/22	31/03/22	рН		ND	pH		
		2 EPL11	20/01/22	31/03/22	Total suspen		ND	mg/L		
	1 01116 1	2 11 111			Turbio		ND	NTU		
	Monito	ring	20/01/22	31/03/22	рН	-	7.3	pH		
		8 EPL13	20/01/22	31/03/22	Total suspen		10	mg/L		
	1 01110 1	0 11 113			Turbio		6.24	NTU		
		10/12/21	l 8/2/22		рН	8.0		1	was no	
Monitorii	nσ	10/12/2	0/2/22		ended solids	20	pH mg/L		was 110 where 50	
Point 9 D	_			-	rbidity	15	NTU		infall was	
Monitorii		10/12/21	l 8/2/22		pH	NA	рН		d at the	
Point 10	-	10/12/2	0/2/22		ended solids	NA NA	mg/L		s within a	
1 01111 10	∪ VV ∠ IU			-	rbidity	NA NA	NTU	-	period in	
Monitorii	ng	10/12/21	l 8/2/22		pH	ND ND	рН		mber	
Point 11	_	10/12/2	0/2/22		ended solids	ND ND	mg/L	Dece		
FOILLTI	LF L1Z			-	rbidity	ND ND	NTU			
				Tul	Didity	ן ואט	INTO			

		1	d Project Environmen		Keport	
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	рН	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	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	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	23, 11, 21	1,,01,22	Total suspended solids	ND	mg/L	
1011112 21 211			Turbidity	ND	NTU	
Monitoring	23/11/21	17/01/22	pH	7.4	pH	
Point 18 EPL13	23/11/21	1//01/22	Total suspended solids	6	рп mg/L	
POIIIL 10 EPL13				6.2	NTU	
Manitarina	26/10/21	2/12/21	Turbidity			Thomasura
Monitoring	26/10/21	2/12/21	pH	7.17	pH	There was no
Point 9 DW20b			Total suspended solids	41	mg/L	instance where 50
	25/12/21	2/12/21	Turbidity	17	NTU	mm of rainfall was
Monitoring	26/10/21	2/12/21	pH	ND	pH ,	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	pH	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	pН	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
12 11 111	(		Turbidity	ND ND	NTU	
Monitoring	22/09/21	9/11/21	pH	6.5	pH	
Point 18 EPL13	(monthly)	3,11,21	Total suspended solids	25	mg/L	
. 5 10 L1 L13	(monthing)		Turbidity	28	NTU	
Monitorina	25/08/21	29/00/21	·			Thorowas and
Monitoring		28/09/21	pH	7.9	pH mg/l	There was one
Point 9 DW20b	(monthly+		Total suspended solids	30	mg/L	instance where 50
N.A	50mm)	20/00/24	Turbidity	38	NTU	mm of rainfall was
Monitoring	25/08/21	28/09/21	pH	ND ND	pH	received at the
Point 10 DW21b	(monthly+		Total suspended solids	ND	mg/L	premises within a
l	50mm)		Turbidity	ND	NTU	48 hour period in

	Dullilloi	C Lakes Sain	a Project Environmen	tarivionitoring	пероп	
Monitoring	25/08/21	28/09/21	рН	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	pН	ND	pН	sampling was
Point 12 EPL11	(monthly+		Total suspended solids	ND	mg/L	combined.
	50mm)	20/20/20	Turbidity	ND	NTU	-
Monitoring	25/08/21	28/09/21	pН	6.5	pH	
Point 18 EPL13	(monthly		Total suspended solids	25	mg/L	
N 4 i 4 i	+50mm)	4.6./00./24	Turbidity	28	NTU	Th
Monitoring Point 9 DW20b	30/07/21 (monthly)	16/09/21	pH Total suspended solids	8.6 7	pH	There was no instance where 50
POINT 9 DW200	(IIIOIILIIIy)		Turbidity	21	mg/L NTU	mm of rainfall was
Monitoring	30/07/21	16/09/21	pH ND pH		received at the	
Point 10 DW21b	(monthly)	10/03/21	Total suspended solids	ND ND	mg/L	premises within a
10111C 10 DVV215	(monenty)		Turbidity	ND	NTU	48 hour period in
Monitoring	30/07/21	16/09/21	pH	ND	pH	July
Point 11 EPL12	(monthly)	-0,00,==	Total suspended solids	ND	mg/L	
	(**************************************		Turbidity	ND	NTU	
Monitoring	30/07/21	16/09/21	рН	ND	рН	1
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
	1 1		Turbidity	ND	NTU	48 hour period in
Monitoring	29/06/21	28/07/21	pН	ND	pH	June
Point 11 EPL12	(monthly)		Total suspended solids	ND	mg/L	
Manitanina	29/06/21	20/07/24	Turbidity	ND	NTU	-
Monitoring Point 12 EPL11	(monthly)	28/07/21	pH Total suspended solids	ND ND	pH mg/L	
POIIIL 12 EPL11	(intofficing)		Turbidity	ND ND	NTU	
Monitoring	29/06/21	28/07/21	рН	6.8	pH	-
Point 18 EPL13	(monthly)	28/07/21	Total suspended solids	38	mg/L	
. 0 10 1. 110	(,,		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	pH	ND	pН	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
	04 /27 /7	0.4/2.2/2.	Turbidity	ND	NTU	-
Monitoring	31/05/21	04/06/21	pН	7.2	pH ,,	
Point 18 EPL13	(monthly)		Total suspended solids	10	mg/L	
Manitaria	06/05/24	11/05/21	Turbidity	7.7	NTU	-
Monitoring Point 9 DW20b	06/05/21 (50mm)	11/05/21	pH Total suspended solids	7.1 8.0	pH mg/L	
FUIIL Y DWZUD	(3011111)		Turbidity	8.0	mg/L NTU	
			rurbiuity	14	IVIU	1

			d Project Environmen			T
Monitoring	06/05/21	11/05/21	рН	6.2	рН	
Point 10 DW21b	(50mm)		Total suspended solids	9.0	mg/L	
			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	pH	ND	рН	
Point 12 EPL11	(50mm)		Total suspended solids	ND	mg/L	
	,		Turbidity	ND	NTU	
Monitoring	06/05/21	11/05/21	pH	7.1	рН	
Point 18 EPL13	(50mm)	11,00,11	Total suspended solids	22	mg/L	
	(3011111)		Turbidity	20	NTU	
Monitoring	28/04/21	25/05/21	pH	8.0	pH	There was no
Point 9 DW20b	(monthly)	23/03/21	Total suspended solids	29	mg/L	instance where 50
TOILL 3 DW200	(monthly)		Turbidity	20	NTU	mm or more of
Monitoring	28/04/21	25/05/21	pH	ND	pH	rainfall was
Point 10 DW21b	(monthly)	23/03/21	•	ND ND	-	received at the
FOILIT TO DAYSTD	(monthly)		Total suspended solids		mg/L	premises within a
N.A	20/04/24	25 /05 /24	Turbidity	ND ND	NTU	48 hour period in
Monitoring	28/04/21	25/05/21	pH	ND	pН	
Point 11 EPL12	(monthly)		Total suspended solids	ND	mg/L	April
	00/01/01	/ /- /	Turbidity	ND	NTU	
Monitoring	28/04/21	25/05/21	pH	ND	pH ,	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	20/03/21	28/04/21	pH	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	pН	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	pH	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	pH	ND	рН	monitoring was
Point 10 DW21b	(50mm)	.,,,,,,,,	Total suspended solids	ND	mg/L	delayed on
20 2 11 220	(= 5)		Turbidity	ND	NTU	22/03/21 due to
Monitoring	24/03/21	07/04/21	pH	8.0	pH	local flooding and
Point 11 EPL12	(50mm)	0,,04,21	Total suspended solids	13	mg/L	site closure on
. JIIIC II LI LIZ	(3011111)		Turbidity	19	NTU	22/03/21 and
Monitoring	24/03/21	07/04/21	pH	7.5	pH	23/3/21. As per
Point 12 EPL11	(50mm)	07/04/21	Total suspended solids	7.5 12	-	M2.4 note from EPL
FUIIIL 12 EPLII	(3011111)		Turbidity	18	mg/L	11147, the EPA
Monitorios	24/02/24	07/04/24	·		NTU	were informed that
Monitoring	24/03/21	07/04/21	pH	6.8	pH	monitoring would
Point 18 EPL13	(50mm)		Total suspended solids	3.0	mg/L	be undertaken
			Turbidity	12	NTU	

	Dullillor	e Lakes San	d Project Environmen	tai Monitoring	кероп	
						when floodwater
						receded and
						monitoring sites could be safely
						accessed. This was
						undertaken on
						24/3/21
Monitoring	17/02/21	24/3/21	рН	7.8	рН	There was no
Point 9 DW20b	(monthly)	24/3/21	Total suspended solids	16	mg/L	instance where 50
1 01110 3 DW200	(monthly)		Turbidity	7.8	NTU	mm or more of
Monitoring	17/02/21	24/3/21	pH	ND	pH	rainfall was
Point 10 DW21b	(monthly)	24/3/21	Total suspended solids	ND	mg/L	received at the
101111 10 0 11 210	(monenty)		Turbidity	ND	NTU	premises within a
Monitoring	17/02/21	24/3/21	pH	ND	pH	48 hour period in
Point 11 EPL12	(monthly)	24/3/21	Total suspended solids	ND	mg/L	February
TOIR II LI LIZ	(monthly)		Turbidity	ND	NTU	restauty
Monitoring	17/02/21	24/3/21	pH	ND	pH	
Point 12 EPL11	(monthly)	24/3/21	Total suspended solids	ND	mg/L	
TOING 12 ET E11	(monenty)		Turbidity	ND	NTU	
Monitoring	17/02/21	24/3/21	pH	7.2	pH	
Point 18 EPL13	(monthly)	24/3/21	Total suspended solids	27	mg/L	
TOINE TO ET ETS	(monenty)		Turbidity	8.6	NTU	
Monitoring	04/01/21	21/1/21	pH	7.5	pH	There was one
Point 9 DW20b	(50mm)	21/1/21	Total suspended solids	47	mg/L	instance where 50
TOILL 3 DW 200	(3011111)		Turbidity	12	NTU	mm or more of
Monitoring	04/01/21	21/1/21	pH	ND	pH	rainfall was
Point 10 DW21b	(50mm)	21/1/21	Total suspended solids	ND ND	mg/L	received at the
POINT TO DWZID	(3011111)		Turbidity	ND ND	NTU	premises within a
Monitoring	04/01/21	21/1/21	pH	ND	pH	48 hour period in
Point 11 EPL12	(50mm)	21/1/21	Total suspended solids	ND ND	mg/L	January (4/1/21)
POIIIL 11 EPL12	(3011111)		Turbidity	ND ND	NTU	January (4/1/21/
Monitoring	04/01/21	21/1/21	pH	ND	pH	
Point 12 EPL11	(50mm)	21/1/21	Total suspended solids	ND	mg/L	
TOING 12 ET EII	(3011111)		Turbidity	ND	NTU	
Monitoring	04/01/21	21/1/21	pH	7.1	pH	
Point 18 EPL13	(50mm)	21/1/21	Total suspended solids	28	mg/L	
TOINE TO ET ETS	(3011111)		Turbidity	20	NTU	
Monitoring	28/01/21	23/2/21	pH	8.0	pH	
Point 9 DW20b	(monthly)	23/2/21	Total suspended solids	13	mg/L	
101110 5 5 7 7 205	(monenty)		Turbidity	6.2	NTU	
Monitoring	28/01/21	23/2/21	pH	ND	pH	
Point 10 DW21b	(monthly)	23/2/21	Total suspended solids	ND	mg/L	
. 5 10 0 11 210	(,)		Turbidity	ND	NTU	
Monitoring	28/01/21	23/2/21	pH	ND	рН	
Point 11 EPL12	(monthly)	,_,	Total suspended solids	ND	mg/L	
	(,)		Turbidity	ND	NTU	
Monitoring	28/01/21	23/2/21	pH	ND	рН	
Point 12 EPL11	(monthly)	,_,	Total suspended solids	ND	mg/L	
	`,,		Turbidity	ND	NTU	
Monitoring	28/01/21	23/2/21	pH	7.0	рН	
Point 18 EPL13	(monthly)	' '	Total suspended solids	76	mg/L	
			Turbidity	34	NTU	
Monitoring	17/12/20	27/01/21	pH	7.9	рН	There was no
Point 9 DW20b	(monthly)	,,	Total suspended solids	20	mg/L	instance where 50
			Turbidity	16	NTU	mm or more of
Monitoring	17/12/20	27/01/21	pH	ND	рН	rainfall was
Point 10 DW21b	(monthly)	,,	Total suspended solids	ND	mg/L	received at the
			Turbidity	ND	NTU	premises within a
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Monitoring	17/12/20	27/01/21	рН	ND	рН	48 hour period in
Point 11 EPL12	(monthly)		Total suspended solids	ND	mg/L	December
			Turbidity	ND	NTU	
Monitoring	17/12/20	27/01/21	рН	ND	pН	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
	. = / /	0=10+10+	Turbidity	ND	NTU	-
Monitoring	17/12/20	27/01/21	pН	ND	pH "	
Point 18 EPL13	(monthly)		Total suspended solids	ND	mg/L	
Manitanina	22/11/20	16/12/20	Turbidity	ND	NTU	Thousand
Monitoring Point 9 DW20b	22/11/20 (monthly)	16/12/20	pH Total suspended solids	8.1 7	pH mg/L	There was no instance where 50
POINT 9 DW200	(IIIOIItilly)		Turbidity 8.0 NTU			mm or more of
Monitoring	22/11/20	16/12/20	pH NA		pH	rainfall was
Point 10 DW21b	(monthly)	10/12/20	Total suspended solids	NA NA	mg/L	received at the
101111 10 DW215	(monthly)		Turbidity	NA NA	NTU	premises within a
Monitoring	22/11/20	16/12/20	pH	ND	pH	48 hour period in
Point 11 EPL12	(monthly)	10, 12, 20	Total suspended solids	ND	mg/L	November
	(,,		Turbidity	ND	NTU	
Monitoring	22/11/20	16/12/20	pH	7.8	рН	-
Point 12 EPL11	(monthly)	-5, -2, -5	Total suspended solids	35	mg/L	
	, , , , ,		Turbidity	9.8	NTU	
Monitoring	22/11/20	16/12/20	pH	7.3	рН	
Point 18 EPL13	(monthly)		Total suspended solids	20	mg/L	
			Turbidity	7.3	NTU	
Monitoring	22/10/20	20/11/20	рН	7.4	рН	There was no
Point 9 DW20b	(monthly)		Total suspended solids	12	mg/L	instance where 50
			Turbidity	13	NTU	mm or more of
Monitoring	22/10/20	20/11/20	рН	NA	рН	rainfall was
Point 10 DW21b	(monthly)		Total suspended solids	NA	mg/L	received at the
			Turbidity	NA	NTU	premises within a
Monitoring	22/09/20	20/11/20	pH	ND	pН	48 hour period in
Point 11 EPL12	(monthly)		Total suspended solids	ND	mg/L	October
	22/12/22	20/11/20	Turbidity	ND	NTU	-
Monitoring	22/10/20	20/11/20	pH	ND	pH	
Point 12 EPL11	(monthly)		Total suspended solids	ND ND	mg/L NTU	
Monitoring	22/10/20	20/11/20	Turbidity pH	ND ND		-
Monitoring Point 18 EPL13	(monthly)	20/11/20	Total suspended solids	ND ND	pH mg/L	
FOIIIL 18 LFL13	(IIIOIItilly)		Turbidity	ND ND	NTU	
Monitoring	21/09/20	23/10/20	pH	7.8	pH	There was no
Point 9 DW20b	(monthly)	23/10/20	Total suspended solids	41	mg/L	instance where 50
1011113 211200	(,		Turbidity	14	NTU	mm or more of
Monitoring	21/09/20	23/10/20	pH	NA	рН	rainfall was
Point 10 DW21b	(monthly)	, ,	Total suspended solids	NA	mg/L	received at the
	, , , , ,		Turbidity	NA	NTU	premises within a
Monitoring	21/09/20	23/10/20	рН	7.9	pН	48 hour period in
Point 11 EPL12	(monthly)		Total suspended solids	11	mg/L	September
			Turbidity	5.3	NTU	]
Monitoring	21/09/20	23/10/20	рН	ND	рН	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	21/09/20	23/10/20	рН	7.6	рН	
Point 18 EPL13	(monthly)		Total suspended solids	18	mg/L	
			Turbidity	7.8	NTU	
Monitoring	11/08/20	13/08/20	pH	7.70	pH ,	There was one
Point 9 DW20b	(50mm)		Total suspended solids	8	mg/L	instance where 50
			Turbidity	18.5	NTU	mm or more of

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Monitoring	11/08/20	13/08/20	рН	NA	рН	rainfall was
Point 10 DW21b	(50mm)		Total suspended solids	NA	mg/L	received at the
			Turbidity	NA	NTU	premises within a
Monitoring	11/08/20	13/08/20	рН	7.98	рН	48 hour period in
Point 11 EPL12	(50mm)		Total suspended solids	6	mg/L	August (09/10/20
	,		Turbidity	11.2	NTU	and 10/08/20).
Monitoring	11/08/20	13/08/20	pH	7.82	рН	
Point 12 EPL11	(50mm)		Total suspended solids	<5	mg/L	The site was unable
	(0011111)		Turbidity	10.2	NTU	to be accessed on
Monitoring	11/08/20	13/08/20	pH	7.54	pН	the 9th and 10th of
Point 18 EPL13	(50mm)	13,00,20	Total suspended solids	<5	mg/L	August 2020 due to
TOINE TO ET ETS	(3011111)		Turbidity			safety concerns and
Monitoring	31/08/20	29/09/20	pH	7.8	pH	flash flooding
Point 9 DW20b	(monthly)	29/09/20	Total suspended solids	25		which caused site
Politi 9 DW 200	(IIIOIILIIIy)		-	15	mg/L	closure.
	24 /00 /20	20/00/20	Turbidity		NTU	ciosure.
Monitoring	31/08/20	29/09/20	pH	NA	pH ,	As per note 2
Point 10 DW21b	(monthly)		Total suspended solids	NA	mg/L	within condition
			Turbidity	NA	NTU	
Monitoring	31/08/20	29/09/20	pH	8.6	pН	M2.3 the site
Point 11 EPL12	(monthly)		Total suspended solids	9	mg/L	notified the EPA
			Turbidity	3	NTU	that sampling
Monitoring	31/08/20	29/09/20	рН	ND	рН	would be delayed.
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	DSS undertook
			Turbidity	ND	NTU	sampling as soon as
Monitoring	31/08/20	29/09/20	рН	8.0	рН	it was safe to do so
Point 18 EPL13	(monthly)		Total suspended solids	10	mg/L	on 11th of August,
			Turbidity	3.4	NTU	2020.
Monitoring	15 July	18 August	pH	7.8	рН	There were two
Point 9 DW20b	2020	2020	Total suspended solids	12	mg/L	instances where 50
	(monthly)		Turbidity	10	NTU	mm or more of
Monitoring	15 July	18 August	pH	NA	рН	rainfall was
Point 10 DW21b	2020	2020	Total suspended solids	NA	mg/L	received at the
	(monthly)		Turbidity	NA	NTU	premises within a
Monitoring	15 July	18 August	pH	7.2	pH	48 hour period in
Point 11 EPL12	2020	2020	Total suspended solids	3	mg/L	July (27/7/2020 and
	(monthly)	2020	Turbidity	12	NTU	28/7/2020).
Monitoring	15 July	18 August	pH	6.4	pH	
Point 12 EPL11	2020	2020	Total suspended solids	52	mg/L	The site was unable
POIIIL 12 EPL11		2020	Turbidity	100	NTU	to be accessed on
Manitarina	(monthly)	10 August	·			the 28th of July,
Monitoring	15 July 2020	18 August	pH	7.1	pH	2020 due to safety
Point 18 EPL13		2020	Total suspended solids	6.0	mg/L	concerns and flash
	(monthly)		Turbidity	5.9	NTU	flooding. As per
Monitoring	27 July	24 August	pH	8.1	pH ,	note 2 within
Point 9 DW20b	2020	2020	Total suspended solids	14	mg/L	condition M2.3 the
	(50mm)		Turbidity	15	NTU	site notified the
Monitoring	27 July	24 August	рН	NA	рН	
Point 10 DW21b	2020	2020	Total suspended solids	NA	mg/L	EPA and undertook
	(50mm)		Turbidity	NA	NTU	sampling as soon as
Monitoring	27 July	24 August	рН	7.2	рН	it was safe to do so
Point 11 EPL12	2020	2020	Total suspended solids	3	mg/L	on 29th of July,
	(50mm)		Turbidity	12	NTU	2020
Monitoring	27 July	24 August	рН	6.4	рН	
Point 12 EPL11	2020	2020	Total suspended solids	52	mg/L	
	(50mm)		Turbidity	100	NTU	
Monitoring	27 July	24 August	pH	8.1	рН	
Point 18 EPL13	2020	2020	Total suspended solids	33	mg/L	
_	(50mm)		Turbidity	35	NTU	
	,	1	· /	1	_	1

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Monitoring	29 July	24 August	рН	7.6	pН	
Point 9 DW20b	2020	2020	Total suspended solids	10	mg/L	
	(50mm)		Turbidity	30	NTU	
Monitoring	29 July	24 August	рН	NA	рН	
Point 10 DW21b	2020	2020	Total suspended solids	NA	mg/L	
	(50mm)		Turbidity	NA	NTU	
Monitoring	29 July	24 August	pН	7.5	рН	
Point 11 EPL12	2020	2020	Total suspended solids	4	mg/L	
	(50mm)		Turbidity	9	NTU	
Monitoring	29 July	24 August	pH	6.5	рН	
Point 12 EPL11	2020	2020	Total suspended solids	10	mg/L	
	(50mm)		Turbidity	26	NTU	
Monitoring	29 July	24 August	pH	6.7	рН	
Point 18 EPL13	2020	2020	Total suspended solids	6	mg/L	
1 01111 10 11 110	(50mm)	2020	Turbidity	11	NTU	
Monitoring	26 June 20		pH	8.0	pH	There was no
Point 9 DW20b	(monthly)		Total suspended solids	8.0	mg/L	instance in June
101111 3 0 00 200	(monthly)		Turbidity	6.8	NTU	where 50 mm or
Monitoring	26 June 20		pH	NA	pH	more of rainfall was
Point 10 DW21b	(monthly)		Total suspended solids	NA NA	mg/L	received at the
FOIIIL TO DVVZID	(intoliting)		Turbidity	NA NA	NTU	premises within a
Monitoring	26 June 20		pH	ND ND	ł	48 hour period.
Point 11 EPL12	(monthly)		Total suspended solids	ND ND	pH	48 flour periou.
POIIIL 11 EPL12	(IIIOIILIIIy)		I	ND ND	mg/L	
N 4 = it =i	26 1 20		Turbidity	+	NTU	
Monitoring	26 June 20		pH	ND	pH	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
	25.1 22		Turbidity	ND	NTU	
Monitoring	26 June 20			7.0		
Point 18 EPL 13	(monthly)		pH	7.0	pH	
			Total suspended solids	149	mg/L	
			Turbidity	4.1	NTU	_,
Monitoring	22 May 20		pH	7.9	pH	There was no
Point 9 DW20b	(monthly)		Total suspended solids	14	mg/L	instance in May
			Turbidity	8.3	NTU	where 50 mm or
Monitoring	22 May 20		pH	NA	pН	more of rainfall was
Point 10 DW21b	(monthly)		Total suspended solids	NA	mg/L	received at the
			Turbidity	NA	NTU	premises within a
Monitoring	22 May 20		pH	ND	pН	48 hour period.
Point 11 EPL12	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	22 May 20		рН	ND	рН	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	22 May 20		рН	7.2	рН	
Point 18 EPL13	(monthly)		Total suspended solids	5.0	mg/L	
			Turbidity	5.8	NTU	
Monitoring	30 April 20		pН	7.5	рН	There was no
Point 9 DW20b	(monthly)		Total suspended solids	12	mg/L	instance in April
			Turbidity	5.4	NTU	where 50 mm or
Monitoring	30 April 20		рН	NA	рН	more of rainfall was
Point 10 DW21b	(monthly)		Total suspended solids	NA	mg/L	received at the
			Turbidity	NA	NTU	premises within a
Monitoring	30 April 20		рН	ND	рН	48 hour period.
Point 11 EPL12	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	30 April 20		pH	ND	рН	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	

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Monitoring	30 April 20	рН	7.8	рН	
Point 18 EPL13	(monthly)	Total suspended solids	21	mg/L	
		Turbidity	14	NTU	
Monitoring	23 Mar 20	рН	7.6	рН	There was no
Point 9 DW20b	(monthly)	Total suspended solids	4	mg/L	instance in March
		Turbidity	4	NTU	where 50 mm or
Monitoring	23 Mar 20	рН	NA	pН	more of rainfall was
Point 10 DW21b	(monthly)	Total suspended solids	NA	mg/L	received at the
	22.14	Turbidity	NA	NTU	premises within a
Monitoring	23 Mar 20	pH	ND	pH	48 hour period.
Point 11 EPL12	(monthly)	Total suspended solids	ND ND	mg/L NTU	
Monitoring	23 Mar 20	Turbidity pH	ND ND	pН	
Point 12 EPL11	(monthly)	Total suspended solids	ND ND	mg/L	
FOIIIL 12 LFL11	(monthly)	Turbidity	ND ND	NTU	
Monitoring	23 Mar 20	pH	6.8	pH	
Point 18 EPL13	(monthly)	Total suspended solids	44	mg/L	
10111110111111	(monenty)	Turbidity	12	NTU	
Monitoring	11 Feb 20	pH	7.7	pH	There was two
Point 9 DW20b	(50mm)	Total suspended solids	16	mg/L	instances where 50
5 5	(33)	Turbidity	30.4	NTU	mm or more of
Monitoring	11 Feb 20	рН	NA	рН	rainfall was
Point 10 DW21b	(50mm)	Total suspended solids	NA	mg/L	received at the
	(000000)	Turbidity	NA	NTU	premises within a
Monitoring	11 Feb 20	рН	7.2	рН	48 hour period in
Point 11 EPL12	(50mm)	Total suspended solids	5	mg/L	February (8/2/20
	` ′	Turbidity	3.3	NTU	and 10/2/20.
Monitoring	11 Feb 20	pH	6.3	рН	
Point 12 EPL11	(50mm)	Total suspended solids	16	mg/L	The site was unable
		Turbidity	18.7	NTU	to be accessed on
Monitoring	11 Feb 20	рН	6.7	рН	the 9 <sup>th</sup> and 10 <sup>th</sup> of
Point 18 EPL13	(50mm)	Total suspended solids	5	mg/L	February due to
		Turbidity	4.3	NTU	safety concerns and
Monitoring	25 Feb 20	рН	7.7	рН	flash flooding.
Point 9 DW20b	(monthly)	Total suspended solids	22	mg/L	
		Turbidity	5.1	NTU	As per note 2 within
Monitoring	25 Feb 20	рН	NA	рН	condition M2.3 the
Point 10 DW21b	(monthly)	Total suspended solids	NA	mg/L	site notified the EPA
		Turbidity	NA	NTU	and undertook
Monitoring	25 Feb 20	рН	ND	рН	sampling as soon as it was safe to do so
Point 11 EPL12	(monthly)	Total suspended solids	ND	mg/L	on 11 <sup>th</sup> of February.
		Turbidity	ND	NTU	On 11 Orrebluary.
Monitoring	25 Feb 20	pH	ND	pH ,	
Point 12 EPL11	(monthly)	Total suspended solids	ND	mg/L	
	25.5.1.22	Turbidity	ND	NTU	
Monitoring	25 Feb 20	pH	6.8	pH	
Point 18 EPL13	(monthly)	Total suspended solids	50	mg/L	
Manitarina	20 Jan 20	Turbidity	15 ND	NTU	Thorsesses
Monitoring	30 Jan 20	pH Total suspended solids	ND ND	pH mg/l	There was no
Point 9 DW20b	(monthly)	Total suspended solids Turbidity	ND ND	mg/L NTU	instance in December where
Monitoring	30 Jan 20	pH	ND ND		50 mm or more of
Point 10 DW21b	(monthly)	Total suspended solids	ND ND	pH mg/L	rainfall was
1 01111 10 0 10 210	(iniditally)	Turbidity	ND ND	NTU	received at the
Monitoring	30 Jan 20	pH	ND ND	pH	premises within a
Point 11 EPL12	(monthly)	Total suspended solids	ND ND	mg/L	48 hour period. No
11 L1 L12	(	Turbidity	ND ND	NTU	discharge at
	1	idibidity	.,		1

Monitoring	30 Jan 20		рН	ND	рН	Monitoring Point 9
Point 12 EPL11	(monthly)	Total suspended solids		ND	mg/L	due to extended
			Turbidity ND		NTU	dry conditions.
Monitoring	30 Jan 20		рН	ND	рН	
Point 18 EPL13	(monthly)	Total s	suspended solids	ND	mg/L	
			Turbidity	ND	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 <a href="https://www.boral.com.au/locations/boral-dunmore-operations">https://www.boral.com.au/locations/boral-dunmore-operations</a>

Dunmore Lakes Sand Project Monitoring Locations.

Water Quality Monitoring Locations

