

Environmental Monitoring Report

Dunmore Lakes Sand Project

November 2024

Date Published: November 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 February 2020 to November 2024.

	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: November 2024

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

EPL No: 11147

Location	Monitoring	Results	Pollutant	Measurement	Unit	Comments
	Frequency	received				
	30/07/2024	02/09/2024	рН	7.9	рН	
		, , , , ,	Total Suspended Solids	13	mg/L	
	29/07/2024	02/09/2024	рН	7.9	рН	
			Total Suspended Solids	18	mg/L	One large ongoing
	28/07/2024	02/09/2024	pH	7.9	pH ,	uncontrolled
	27/07/2024	02/00/2024	Total Suspended Solids	19	mg/L	discharge event
	27/07/2024	02/09/2024	pH Total Suspended Solids	7.9 17	pH mg/l	due to continuous
	26/07/2024	02/09/2024	pH	7.8	mg/L pH	heavy rain.
	20/07/2024	02/03/2024	Total Suspended Solids	8	mg/L	
	24/07/2024	02/09/2024	pH	7.8	<u></u> рН	
			Total Suspended Solids	15	mg/L	
	23/07/2024	02/09/2024	рН	7.8	рН	
			Total Suspended Solids	20	mg/L	
	22/07/2024	02/09/2024	pH	7.8	pН	
	2 + /2 = /2 2 2 4	22/22/222	Total Suspended Solids	19	mg/L	
	21/07/2024	02/09/2024	pH	7.8	pH	
	20/07/2024	02/09/2024	Total Suspended Solids pH	25 7.7	mg/L pH	
	20/07/2024	02/09/2024	Total Suspended Solids	24	рп mg/L	
	19/07/2024	02/09/2024	рН	7.8	pH	
		, , , , ,	Total Suspended Solids	16	mg/L	
	18/07/2024	02/09/2024	pH	7.7	рН	
			Total Suspended Solids	19	mg/L	
	17/07/2024	15/08/2024	рН	7.1	рН	
			Total Suspended Solids	19	mg/L	
	16/07/2024	15/08/2024	pH	7.1	pH ,,	
	15/07/2024	15/00/2024	Total Suspended Solids	21	mg/L	
	15/07/2024	15/08/2024	pH Total Suspended Solids	7 35	pH mg/L	
	14/07/2024	15/08/2024	рН	7	pH	
	21,07,2021	13,00,202	Total Suspended Solids	32	mg/L	
	13/07/2024	15/08/2024	рН	6.8	<u>о,</u> рН	
			Total Suspended Solids	17	mg/L	
	12/07/2024	15/08/2024	рН	6.7	рН	
			Total Suspended Solids	13	mg/L	
	11/07/2024	15/08/2024	pH	6.9	pН	
	40/07/2024	07/00/2024	Total Suspended Solids	12	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	7.6	pH	
	35, 57, 2024	37,00,2024	Total Suspended Solids	8	mg/L	
	08/07/2024	07/08/2024	рН	7.6	<u>р</u> Н	
			Total Suspended Solids	12	mg/L	

Dunmore	e Lakes Sand	Project Environmenta	il Monitoring R	eport
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	pН
' '	, ,	Total Suspended Solids	14	mg/L
05/07/2024	26/07/2024	Hq	7.7	рН
		Total Suspended Solids	18	mg/L
04/07/2024	26/07/2024	рН	7.5	pH
04/01/2024	20/07/2024	Total Suspended Solids	13	mg/L
03/07/2024	26/07/2024	рН	7.5	
03/07/2024	20/07/2024	Total Suspended Solids	16	pH mg/l
02/07/2024	26/07/2024		7.6	mg/L
02/07/2024	26/07/2024	pH		pH
04/07/2024	26/07/2024	Total Suspended Solids	21	mg/L
01/07/2024	26/07/2024	pH	7.5	pH
		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	pH	7.5	pН
		Total Suspended Solids	13	mg/L
23/06/2024	26/07/2024	Hq	7.4	pН
20,00,202		Total Suspended Solids	21	mg/L
22/06/2024	26/07/2024	рН	7.4	pH
22/00/2024	20/07/2024	Total Suspended Solids	10	mg/L
21/06/2024	26/07/2024	рН	7.4	pH
21/00/2024	20/07/2024	<u>'</u>	16	· ·
20/06/2024	26/07/2024	Total Suspended Solids		mg/L
20/06/2024	20/07/2024	pH	7.4	pH ma/l
40/06/2024	26/07/2024	Total Suspended Solids	18	mg/L
19/06/2024	26/07/2024	pH	7.5	pH
10/05/2021	05/07/0004	Total Suspended Solids	18	mg/L
18/06/2024	26/07/2024	pH	7.4	pH ,
		Total Suspended Solids	18	mg/L
17/06/2024	26/07/2024	pH	7.5	pН
		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	pH
		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	pH	7.4	рН
		Total Suspended Solids	29	mg/L
06/06/2024	26/07/2024	pH	7.6	рН
, = = , = = = :	, , ,	Total Suspended Solids	47	mg/L
05/06/2024	26/07/2024	рН	7.5	pH
33,03,2024		Total Suspended Solids	18	mg/L
04/06/2024	26/07/2024	рН	7.6	pH
3-7, 30, 2024	20,07,2024	Total Suspended Solids	15	mg/L
03/06/2024	26/07/2024		7.6	
03/00/2024	20/0//2024	pH	٧.٥	pН

Dullillore	Lakes Saliu	Project Environmenta	i Worldoning it	eport
		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	pH	7.6	рН
		Total Suspended Solids	6	mg/L
30/05/2024	26/07/2024	pH	7.6	pH
, ,	-, - , -	Total Suspended Solids	12	mg/L
28/05/2024	26/07/2024	рН	7.6	pH
	=0,07,=0= :	Total Suspended Solids	14	mg/L
27/05/2024	26/07/2024	рН	7.7	pH
27/03/2024	20/0//2024	Total Suspended Solids	12	mg/L
26/05/2024	26/07/2024	рН	7.7	рH
20/03/2024	20/07/2024	Total Suspended Solids	11	
25/05/2024	26/07/2024		7.6	mg/L
25/05/2024	26/07/2024	pH		pH
24/05/2024	26/07/2024	Total Suspended Solids	10	mg/L
24/05/2024	26/07/2024	pH	7.6	pH
2015=15	2015-15	Total Suspended Solids	8	mg/L
23/05/2024	26/07/2024	pH	7.5	pН
		Total Suspended Solids	5	mg/L
22/05/2024	26/07/2024	рН	7.5	рН
		Total Suspended Solids	21	mg/L
21/05/2024	26/07/2024	рН	7.4	рН
		Total Suspended Solids	48	mg/L
20/05/2024	26/07/2024	рН	7.4	рН
		Total Suspended Solids	14	mg/L
19/05/2024	26/07/2024	рН	7.5	рН
		Total Suspended Solids	16	mg/L
18/05/2024	26/07/2024	Hq	7.4	рН
		Total Suspended Solids	9	mg/L
17/05/2024	26/07/2024	pH	7.4	рН
, ,	, ,	Total Suspended Solids	20	mg/L
16/05/2024	26/07/2024	рН	7.4	pН
10,03,202	20,07,202	Total Suspended Solids	26	mg/L
15/05/2024	26/07/2024	рН	7.4	pH
13/03/2024	20/01/2024	Total Suspended Solids	27	mg/L
14/05/2024	26/07/2024	рН	7.4	pH
14/03/2024	20/07/2024	Total Suspended Solids	28	
13/05/2024	26/07/2024	•	7.4	mg/L
13/03/2024	20/0//2024	pH Total Suspended Solids	33	pH mg/l
10/05/2024	26/07/2024	Total Suspended Solids		mg/L
10/05/2024	26/07/2024	pH	7.4	pH
00/05/2225	26/07/2226	Total Suspended Solids	26	mg/L
09/05/2024	26/07/2024	pH	7.3	pН
		Total Suspended Solids	38	mg/L
08/05/2024	26/07/2024	pH	7.4	pН
		Total Suspended Solids	13	mg/L
07/05/2024	26/07/2024	рН	7.2	рН
		Total Suspended Solids	17	mg/L
06/05/2024	26/07/2024	рН	7.2	рН
		Total Suspended Solids	23	mg/L
05/05/2024	26/07/2024	pH	7.4	pН
' '	' '	Total Suspended Solids	25	mg/L
04/05/2024	26/07/2024	рН	7.4	pH
1, 55, 252 1	,,,	Total Suspended Solids	25	mg/L
03/05/2024	26/07/2024	рН	7.2	pH
33, 33, 2024	20,07,2024	Total Suspended Solids	13	mg/L
	l	Total Juspellueu Julius	1.5	1118/ L

	40/04/05	40/05/055				T
Monitoring	12/04/2024	10/05/2024	pH	7.1	pH	
Point 9 DW16			Total Suspended Solids	15	mg/L	
			Turbidity	17	NTU	
	11/04/2024	10/05/2024	pH	7.1	pH ,	
			Total Suspended Solids	109	mg/L	
	10/01/2001	10/05/0001	Turbidity	34	NTU	One large ongoing
	10/04/2024	10/05/2024	pH	7.1	pH	uncontrolled
			Total Suspended Solids	24	mg/L	discharge event
	00/04/2024	10/05/2024	Turbidity	32	NTU	after heavy rainfall.
	09/04/2024	10/05/2024	pH Total Suspended Solids	7.1 37	pH mg/l	Tallilali.
			Turbidity	29	mg/L NTU	
	08/04/2024	01 /05 /2024	·	7.1	-	-
	08/04/2024	01/05/2024	pH Total Suspended Solids	7.1 19	pH	
					mg/L	
			Turbidity	16	NTU	
						One large ongoing
						uncontrolled
Monitoring	19/03/2024	07/05/2024	рН	7	рН	discharge event
Point 9 DW16		, ,	Total Suspended Solids	14	mg/L	after heavy
			Turbidity	6.5	NTU	rainfall.
	<u>.</u>					
Monitoring	09/02/2024		рН	7.9	рН	
Point 9 DW16			Total Suspended Solids	18	mg/L	
			Turbidity	6.2	NTU	Uncontrolled
	08/02/2024	22/3/2024	рН	7.8	рН	Uncontrolled
			Total Suspended Solids	30	mg/L	discharge ended on 04/02/2024
			Turbidity	9.7	NTU	and controlled
	07/02/2024	22/3/2024	рН	7.6	рН	discharge
			Total Suspended Solids	28	mg/L	initiated on
			Turbidity	8	NTU	06/02/2024.
	06/02/2024	22/3/2024	рН	7.7	pН	00/02/2024.
			Total Suspended Solids	29	mg/L	
			Turbidity	6.8	NTU	
	1 2 1 / 2 2 / 2 2 2				 	T
Monitoring	04/02/2024	22/3/2024	pH Total Suspended Solids	8	pH ,	
D O DIAMAC			I TOTAL SUCHANDAD SOURCE			
Point 9 DW16				27	mg/L	
Point 9 DW16	02/02/2024	22/2/2024	Turbidity	4.9	NTU	
Point 9 DW16	03/02/2024	22/3/2024	Turbidity pH	4.9 8	NTU pH	
Point 9 DW16	03/02/2024	22/3/2024	Turbidity pH Total Suspended Solids	4.9 8 28	NTU pH mg/L	-
Point 9 DW16			Turbidity pH Total Suspended Solids Turbidity	4.9 8 28 4.4	NTU pH mg/L NTU	
Point 9 DW16	03/02/2024	22/3/2024	Turbidity pH Total Suspended Solids Turbidity pH	4.9 8 28 4.4 ND	NTU pH mg/L NTU pH	
Point 9 DW16			Turbidity pH Total Suspended Solids Turbidity pH Total Suspended Solids	4.9 8 28 4.4 ND ND	NTU pH mg/L NTU pH mg/L	One large ongoing
Point 9 DW16	02/02/2024	22/3/2024	Turbidity pH Total Suspended Solids Turbidity pH Total Suspended Solids Turbidity	4.9 8 28 4.4 ND ND ND	NTU pH mg/L NTU pH mg/L NTU	One large ongoing uncontrolled
Point 9 DW16			Turbidity pH Total Suspended Solids Turbidity pH Total Suspended Solids Turbidity pH	4.9 8 28 4.4 ND ND ND ND	NTU pH mg/L NTU pH mg/L NTU pH mg/L NTU pH	One large ongoing uncontrolled discharge event
Point 9 DW16	02/02/2024	22/3/2024	Turbidity pH Total Suspended Solids Turbidity pH Total Suspended Solids Turbidity pH Total Suspended Solids Turbidity	4.9 8 28 4.4 ND ND ND ND 8 19	NTU pH mg/L NTU pH mg/L NTU pH mg/L NTU pH mg/L	uncontrolled
Point 9 DW16	02/02/2024	22/3/2024	Turbidity pH Total Suspended Solids Turbidity	4.9 8 28 4.4 ND ND ND ND 8 19	NTU pH mg/L NTU pH mg/L NTU pH mg/L NTU pH mg/L NTU	uncontrolled discharge event
Point 9 DW16	02/02/2024	22/3/2024	Turbidity pH Total Suspended Solids Turbidity pH	4.9 8 28 4.4 ND ND ND ND 5 7.8	PH mg/L NTU PH	uncontrolled discharge event after heavy
Point 9 DW16	02/02/2024	22/3/2024	Turbidity pH Total Suspended Solids	4.9 8 28 4.4 ND ND ND 8 19 5 7.8 11	PH mg/L NTU	uncontrolled discharge event after heavy
Point 9 DW16	02/02/2024 01/02/2024 30/01/2024	22/3/2024 22/3/2024 22/3/2024	Turbidity pH Total Suspended Solids Turbidity	4.9 8 28 4.4 ND ND ND 8 19 5 7.8 11 6.7	NTU pH mg/L NTU	uncontrolled discharge event after heavy
Point 9 DW16	02/02/2024	22/3/2024	Turbidity pH Total Suspended Solids Turbidity	4.9 8 28 4.4 ND ND ND 8 19 5 7.8 11 6.7	NTU pH mg/L NTU	uncontrolled discharge event after heavy
Point 9 DW16	02/02/2024 01/02/2024 30/01/2024	22/3/2024 22/3/2024 22/3/2024	Turbidity pH Total Suspended Solids	4.9 8 28 4.4 ND ND ND 8 19 5 7.8 11 6.7 8 5	NTU pH mg/L NTU	uncontrolled discharge event after heavy
Point 9 DW16	02/02/2024 01/02/2024 30/01/2024	22/3/2024 22/3/2024 22/3/2024	Turbidity pH Total Suspended Solids Turbidity	4.9 8 28 4.4 ND ND ND 8 19 5 7.8 11 6.7	NTU pH mg/L NTU	uncontrolled discharge event after heavy

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

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	рН	7.5	рН
			Total Suspended Solids	14	mg/L
			Turbidity	3.4	NTU
	18/01/2024	22/3/2024	рН	8	рН
			Total Suspended Solids	11	mg/L
			Turbidity	1.2	NTU
	17/01/2024	22/3/2024	рН	7.6	рН
			Total Suspended Solids	11	mg/L
			Turbidity	5.2	NTU
	16/01/2024	22/3/2024	рН	7.6	рН
			Total Suspended Solids	18	mg/L
			Turbidity	7.2	NTU
	15/01/2024	22/3/2024	рН	7.5	рН
			Total Suspended Solids	14	mg/L
			Turbidity	5	NTU
	14/01/2024	22/3/2024	рН	7.5	рН
			Total Suspended Solids	8	mg/L
			Turbidity	3.5	NTU
	13/01/2024	22/3/2024	рН	7.7	рН
			Total Suspended Solids	15	mg/L
			Turbidity	4.2	NTU
	12/01/2024	22/3/2024	рН	7.5	рН
			Total Suspended Solids	9	mg/L
			Turbidity	3.3	NTU
	11/01/2024	22/3/2024	рН	7.5	рН
			Total Suspended Solids	7	mg/L
			Turbidity	3.4	NTU
	10/01/2024	22/3/2024	рН	7.8	рН
			Total Suspended Solids	17	mg/L
			Turbidity	3.3	NTU
	09/01/2024	22/3/2024	рН	7.5	рН
			Total Suspended Solids	13	mg/L
			Turbidity	2.5	NTU
	·				

One large ongoing uncontrolled discharge event after heavy rainfall.

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08/01/202	4 22/3/2024	pН	7.4	рН
		Total Suspended Solids	18	mg/L
		Turbidity	4.9	NTU
07/01/202	4 22/3/2024	рН	7.3	рН
		Total Suspended Solids	14	mg/L
		Turbidity	3	NTU
06/01/202	4 22/3/2024	pН	7.4	рН
		Total Suspended Solids	17	mg/L
		Turbidity	7.4	NTU
05/01/202	4 22/3/2024	pН	7.3	рН
		Total Suspended Solids	16	mg/L
		Turbidity	4.5	NTU
04/01/202	4 22/3/2024	рН	7.1	рН
		Total Suspended Solids	6	mg/L
		Turbidity	2.2	NTU
03/01/202	4 22/3/2024	pН	7.2	рН
		Total Suspended Solids	8	mg/L
		Turbidity	3.8	NTU
02/01/202	4 22/3/2024	pН	7.5	рН
		Total Suspended Solids	7	mg/L
		Turbidity	4.9	NTU
01/01/202	4 22/3/2024	рН	7.2	рН
		Total Suspended Solids	11	mg/L
		Turbidity	6.5	NTU

^{*}Awaiting laboratory results

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

Dunmore Lakes Sand Project Environmental Monitoring Report **Historical Water Monitoring Data**

Location	Monitoring Frequency	Results received	Pollutant	Measurement	Unit	Comments
Monitoring	29/12/2023	04/03/2024	рН	7.3	рН	
Point 9 DW16			Total Suspended Solids	6	mg/L	
			Turbidity	3.3	NTU	_
	27/12/2023	04/03/2024	pH	7.5	pH ,	
			Total Suspended Solids	11	mg/L	
	25/12/2023	04/03/2024	Turbidity	7.8	NTU	-
	25/12/2023	04/03/2024	pH Total Suspended Solids	7.8 18	pH mg/L	
			Turbidity	12	NTU	
	24/12/2023	04/03/2024	pH	7.8	pH	-
	24/12/2023	04,03,2024	Total Suspended Solids	5	mg/L	One large ongoing
			Turbidity	5.7	NTU	uncontrolled
	23/12/2023	04/03/2024	pH	7.7	рН	discharge event
		, , , , ,	Total Suspended Solids	11	mg/L	after heavy
			Turbidity	9.1	NTU	rainfall.
	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	pH	7.7	pН	
			Total Suspended Solids	17	mg/L	
			Turbidity	12	NTU	
Manitorina	10/12/2022	04/02/2024	-11	7.0		To a lada a sada a t
Monitoring Point 9 DW16	18/12/2023	04/03/2024	pH	7.8 14	pH ma/l	Two independent
POINT 9 DW 16			Total Suspended Solids Turbidity	4.1	mg/L NTU	controlled discharge events
	15/12/2023	01/02/2024	pH	7.9	pH	to increase
	13/12/2023	01/02/2024	Total Suspended Solids	15	mg/L	freeboard prior to
			Turbidity	22	NTU	rain event.
		L	1 1 1 1			
Monitoring	05/12/2023	01/02/2024	pН	8.3	рН	
Point 9 DW16		, , , ,	Total Suspended Solids	1.0	mg/L	
			Turbidity	3.4	NTU	
	04/12/2023	01/02/2024	pН	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	pH	8.2	pH ,	discharge event
			Total Suspended Solids	4.0	mg/L	followed by a
	04 /42 /2022	04 /02 /2024	Turbidity	10	NTU	controlled
	01/12/2023	01/02/2024	pH Total Suspended Solids	8.1	pH mg/l	discharge event.
			Total Suspended Solids Turbidity	21 19	mg/L NTU	
	30/11/2023	01/02/2024	pH	8.2	рН	-
	30/11/2023	01/02/2024	Total Suspended Solids	20	рп mg/L	
			Turbidity	25	NTU	
	29/11/2023	01/02/2024	pH	8.3	pH	1
	-, -,	, , , , , , , , , , , , , , , , , , , ,	Total Suspended Solids	13	mg/L	

	Dunmore	e Lakes Sand	Project Environmenta	ii ivionitoring	Report	-
			Turbidity	16	NTU	
Monitoring	16/09/2023	16/10/2023	рН	8	рН	
Point 9 DW16			Total Suspended Solids	17	mg/L	
			Turbidity	9.5	NTU	
	15/09/2023	16/10/2023	рН	8	рН	
			Total Suspended Solids	9	mg/L	
			Turbidity	6.7	NTU	
	14/09/2023	16/10/2023	рН	8.3	рН	
			Total Suspended Solids	19	mg/L	Associated with
			Turbidity	15	NTU	one ongoing
	13/09/2023	16/10/2023	рН	8.2	pН	controlled
			Total Suspended Solids	7	mg/L	discharge event
			Turbidity	16	NTU	
	12/09/2023	16/10/2023	рН	8.1	рН	
		, ,	Total Suspended Solids	11	mg/L	
			Turbidity	16	NTU	
	11/09/2023	16/10/2023	pH	8.0	рН	
	,,	, 11, 101	Total Suspended Solids	10	mg/L	
			Turbidity	20	NTU	
			,	<u>-</u>		
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	,,	00,00,202	Total suspended solids	22	mg/L	There was no
10111120011214			Turbidity	19	NTU	instance where
Monitoring	22/06/2023	30/06/2023	pH	ND	pH	50 mm of rainfal
Point 11 EPL12	22,00,2023	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	ND	mg/L	period in June
TOTAL 12 LI LII			Turbidity		NTU	period in same
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	
FOIIIL TO EFELTS			Turbidity	45	NTU	
			rarbiaity	43	NIO	
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 rainfal
Point 11 EPL12		-,,	Total suspended solids		mg/L	was received at
· · · · · · · · · · · · · · · · · · ·			Turbidity		NTU	the premises
Monitoring	23/05/2023	05/06/2023	pH	ND	pH	within a 48 hour
Point 12 EPL11		35, 35, 2525	Total suspended solids	5	mg/L	period in May
. 5 12 2. 21			Turbidity		NTU	p =ay
Monitoring	23/05/2023	05/06/2023	pH	6.6	pH	1
Point 18 EPL13	23/03/2023	03/00/2023	Total suspended solids	221	mg/L	
1 OHIL TO ELLT2			Turbidity	60	NTU	
	1		rurbiaity	טט	INTU	
Monitoring	20/04/2022	02/05/2022	m11	7.5		There
Monitoring	20/04/2023	03/05/2023	pH	7.5	pH	There was no
Point 9 DW20b			Total suspended solids	17	mg/L	instance where
	1		Turbidity	15	NTU	50 mm of rainfall

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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	pH	6.9	рН	
Point 18 EPL13	, ,	, ,	Total suspended solids	32	mg/L	
			Turbidity	19	NTU	
	•	l	•	l		
Monitoring	23/03/2023	03/04/2023	рН	7.6	рН	
Point 9 DW20b	23,03,2023	05/01/2025	Total suspended solids	22	mg/L	
1011113 200200			Turbidity	12	NTU	
Monitoring	23/03/2023	03/04/2023	pH	6.9	pH	
Point 10 DW21a	23/03/2023	03/04/2023	Total suspended solids	24	mg/L	
10111C 10 DW210			Turbidity	6.8	NTU	
Monitoring	23/03/2023	03/04/2023	pH	7.5	pH	
Point 11 EPL12	23/03/2023	03/04/2023	Total suspended solids	7.3	mg/L	
POIIIL 11 EPL12			Turbidity	29	NTU	
Monitoring	23/03/2023	03/04/2023	pH	ND	_	
Monitoring	23/03/2023	03/04/2023	' ·	ND	pH	
Point 12 EPL11			Total suspended solids		mg/L	
NA it ii	22/02/2022	02/04/2022	Turbidity	6.0	NTU	
Monitoring	23/03/2023	03/04/2023	pH	6.8	pH	
Point 18 EPL13			Total suspended solids	21	mg/L	
			Turbidity	7.5	NTU	
	1 - 100 1000					T
Monitoring	15/03/2023	03/04/2023	pH	7.4	pH ,	
Point 9 DW20b			Total suspended solids	31	mg/L	
			Turbidity	45	NTU	
Monitoring	15/03/2023	03/04/2023	pH	6.8	pН	
Point 10 DW21a			Total suspended solids	27	mg/L	
			Turbidity	37	NTU	Monitoring within
Monitoring	15/03/2023	03/04/2023	рН	7.5	рН	24 hours of
Point 11 EPL12			Total suspended solids	24	mg/L	50mm rainfall in
			Turbidity	18	NTU	48 hour period
Monitoring	15/03/2023	03/04/2023	рН	6.5	рН	10 110 th p 0 110 th
Point 12 EPL11			Total suspended solids	5	mg/L	
			Turbidity	23	NTU	
Monitoring	15/03/2023	03/04/2023	рН	6.7	рН	
Point 18 EPL13			Total suspended solids	33	mg/L	
			Turbidity	40	NTU	
Monitoring	23/02/2023	03/04/2023	рН	7.7	рН	
Point 9 DW20b			Total suspended solids	13	mg/L	
			Turbidity	23	NTU	
Monitoring	23/02/2023	03/04/2023	pH	7.2	рН	
Point 10 DW21a			Total suspended solids	13	mg/L	
			Turbidity	9.6	NTU	
Monitoring	23/02/2023	03/04/2023	pH	7.5	рН	1
Point 11 EPL12	, ==, ==,		Total suspended solids	5	mg/L	
			Turbidity	1.6	NTU	
Monitoring	23/02/2023	03/04/2023	pH	ND	pH	1
Point 12 EPL11		33, 3 1, 2023	Total suspended solids		mg/L	
. 3			Turbidity		NTU	
	1	l	idibidity	l	1110	j l

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Monitoring	23/02/2023	03/04/2023	pН	7.2	pН	
Point 18 EPL13			Total suspended solids	10	mg/L	
			Turbidity	9.4	NTU	
Monitoring	09/02/2023	06/03/2023	Hq	7.3	рН	
Point 9 DW20b	03/02/2023	00/03/2023	Total suspended solids	346	mg/L	
101111 3 0 00 200			Turbidity	400	NTU	
Monitoring	09/02/2023	06/03/2023	pH	7.2	pH	-
Point 10 DW21a	09/02/2023	00/03/2023	Total suspended solids	7.2	mg/L	
FOIII 10 DVV21a			Turbidity	90	NTU	
Monitoring	09/02/2023	06/03/2023	pH	7	pH	Monitoring within
Point 11 EPL12	03/02/2023	00/03/2023	Total suspended solids	, 69	mg/L	24 hours of
TOING II LI LIZ			Turbidity	110	NTU	50mm rainfall in
Monitoring	09/02/2023	06/03/2023	pH	6.6	pH	48 hour period
Point 12 EPL11	03/02/2023	00/03/2023	Total suspended solids	36	mg/L	
TOING 12 LI LII			Turbidity	70	NTU	
Monitoring	09/02/2023	06/03/2023	pH	6.9	pH	-
Point 18 EPL13	09/02/2023	00/03/2023	Total suspended solids	12	mg/L	
FOIIIL 18 LFL13			Turbidity	9.7	NTU	
	<u> </u>		ruibluity	9.7	INTO	
Monitoring	19/01/2023	06/03/2023	рН	7.2	рН	
Point 9 DW20b	,,	22, 33, 2323	Total suspended solids	7.2	mg/L	
1011113 211200			Turbidity	4.4	NTU	
Monitoring	19/01/2023	06/03/2023	pH	7.0	pH	1
Point 10 DW21a	13/01/2023	00,03,2023	Total suspended solids	22	mg/L	There was no
10111120011214			Turbidity	4.8	NTU	instance where
Monitoring	19/01/2023	06/03/2023	pH	ND	pH	50 mm of rainfall
Point 11 EPL12	13/01/2023	00,03,2023	Total suspended solids	145	mg/L	was received at
TOTAL TELEFORM			Turbidity		NTU	the premises
Monitoring	19/01/2023	06/03/2023	pH	ND	pH	within a 48 hour
Point 12 EPL11	13/01/2023	00/03/2023	Total suspended solids	IVD	mg/L	period in January
TOING 12 LI LII			Turbidity		NTU	period in sandary
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	
TOING TO ET ETS			Turbidity	17	NTU	
			Tarblarcy	1,	1110	
Monitoring	15/12/2023	06/02/2023	рН	ND	рН	
Point 9 DW20b	', ', '	, , ,	Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	15/12/2023	06/02/2023	pH	7.1	рН	-
Point 10 DW21a		, , ,	Total suspended solids	42	mg/L	There was no
			Turbidity	2.5	NTU	instance where
Monitoring	15/12/2023	06/02/2023	, Hq	ND	рН	50 mm of rainfall
Point 11 EPL12	' '	, ,	Total suspended solids		mg/L	was received at
			Turbidity		NTU	the premises
Monitoring	15/12/2023	06/02/2023	pH	ND	рН	within a 48 hour
Point 12 EPL11	' '	, ,	Total suspended solids		mg/L	period in
			Turbidity		NTU	December
Monitoring	15/12/2023	06/02/2023	рН	7.4	рН	1
Point 18 EPL13	, , ====	, , ,	Total suspended solids	39	mg/L	
			Turbidity	12	NTU	
	1	ı	1	l	1	l .
Monitoring	23/11/2023	06/02/2023	рН	7.7	рН	There was no
Point 9 DW20b			Total suspended solids	13	mg/L	instance where
			Turbidity	50	NTU	50 mm of rainfall
Monitoring	23/11/2023	06/02/2023	pH	7.5	pH	was received at
Point 10 DW21a	-, -=, 2020		Total suspended solids	17	mg/L	the premises
	i .	L	-1	ı		J

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	<u> </u>		Turbidity	20	NTU	within a 48 hour
Monitoring	23/11/2023	06/02/2023	рН	7.8	рН	period in
Point 11 EPL12			Total suspended solids	39	mg/L	November
			Turbidity	16	NTU	
Monitoring	23/11/2023	06/02/2023	рН	ND	рН	
Point 12 EPL11			Total suspended solids		mg/L	
			Turbidity		NTU	
Monitoring	23/11/2023	06/02/2023	рН	7.5	рН	
Point 18 EPL13			Total suspended solids	73	mg/L	
			Turbidity	50	NTU	
	T /- /	I - 1 - 1			1	Т
Monitoring	25/10/2022	8/12/2022	pH	7.4	pH	
Point 9 DW20b			Total suspended solids	17	mg/L	
			Turbidity	21	NTU	
Monitoring	25/10/2022	8/12/2022	рН	7.2	рН	
Point 10 DW21a			Total suspended solids	18	mg/L	
			Turbidity	24	NTU	Monitoring within
Monitoring	25/10/2022	8/12/2022	рН	7.0	рН	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	рН	40 Hour periou
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	
		1			1	T
Monitoring	22/10/2022	8/12/2022	pH	7.3	pН	
Point 9 DW20b			Total suspended solids	50	mg/L	
			Turbidity	27	NTU	
Monitoring	22/10/2022	8/12/2022	pH	6.8	pH	
Point 10 DW21a			Total suspended solids	34	mg/L	
			Turbidity	18	NTU	Monitoring within
Monitoring	22/10/2022	8/12/2022	pH	7.6	pH	24 hours of
Point 11 EPL12			Total suspended solids	12	mg/L	50mm rainfall in
			Turbidity	11	NTU	48 hour period
Monitoring	22/10/2022	8/12/2022	рН	7.5	рН	le mean period
Point 12 EPL11			Total suspended solids	5	mg/L	
	1	Ī				1
Monitoring	ļ		Turbidity	15	NTU	
Point 18 EPL13	22/10/2022	8/12/2022	pH	6.9	рН	
	22/10/2022	8/12/2022	pH Total suspended solids	6.9 54	pH mg/L	
	22/10/2022	8/12/2022	pH	6.9	рН	
			pH Total suspended solids Turbidity	6.9 54 19	pH mg/L NTU	
Monitoring	22/10/2022	8/12/2022	pH Total suspended solids Turbidity pH	6.9 54 19	pH mg/L NTU	
Monitoring Point 9 DW20b			pH Total suspended solids Turbidity pH Total suspended solids	6.9 54 19 7.7 36	pH mg/L NTU pH mg/L	
Point 9 DW20b	10/10/2022	8/12/2022	pH Total suspended solids Turbidity pH Total suspended solids Turbidity	6.9 54 19 7.7 36 40	pH mg/L NTU pH mg/L NTU	
Point 9 DW20b Monitoring			pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH	6.9 54 19 7.7 36 40 6.9	pH mg/L NTU pH mg/L NTU pH	
Point 9 DW20b	10/10/2022	8/12/2022	pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids	6.9 54 19 7.7 36 40 6.9 27	pH mg/L NTU pH mg/L NTU pH mg/L	
Point 9 DW20b Monitoring Point 10 DW21a	10/10/2022	8/12/2022 8/12/2022	pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity	6.9 54 19 7.7 36 40 6.9 27 36	pH mg/L NTU pH mg/L NTU pH mg/L NTU	
Point 9 DW20b Monitoring Point 10 DW21a Monitoring	10/10/2022	8/12/2022	pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH	6.9 54 19 7.7 36 40 6.9 27 36 7.8	pH mg/L NTU pH mg/L NTU pH mg/L NTU pH	24 hours of
Point 9 DW20b Monitoring Point 10 DW21a Monitoring	10/10/2022	8/12/2022 8/12/2022	pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity	6.9 54 19 7.7 36 40 6.9 27 36 7.8 96	pH mg/L NTU pH mg/L NTU pH mg/L NTU	24 hours of 50mm rainfall in
Point 9 DW20b Monitoring Point 10 DW21a Monitoring	10/10/2022	8/12/2022 8/12/2022	pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH	6.9 54 19 7.7 36 40 6.9 27 36 7.8	pH mg/L NTU pH mg/L NTU pH mg/L NTU pH	24 hours of
Point 9 DW20b Monitoring Point 10 DW21a Monitoring Point 11 EPL12	10/10/2022	8/12/2022 8/12/2022	pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity	6.9 54 19 7.7 36 40 6.9 27 36 7.8 96	pH mg/L NTU pH mg/L NTU pH mg/L NTU pH mg/L	24 hours of 50mm rainfall in
Point 9 DW20b Monitoring Point 10 DW21a Monitoring Point 11 EPL12	10/10/2022 10/10/2022 10/10/2022	8/12/2022 8/12/2022 8/12/2022	pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity	6.9 54 19 7.7 36 40 6.9 27 36 7.8 96 90	pH mg/L NTU pH mg/L NTU pH mg/L NTU pH mg/L NTU	24 hours of 50mm rainfall in
Point 9 DW20b Monitoring Point 10 DW21a Monitoring Point 11 EPL12 Monitoring	10/10/2022 10/10/2022 10/10/2022	8/12/2022 8/12/2022 8/12/2022	pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity	6.9 54 19 7.7 36 40 6.9 27 36 7.8 96 90 6.6	pH mg/L NTU pH mg/L NTU pH mg/L NTU pH mg/L NTU pH	24 hours of 50mm rainfall in
Point 9 DW20b Monitoring Point 10 DW21a Monitoring Point 11 EPL12 Monitoring	10/10/2022 10/10/2022 10/10/2022	8/12/2022 8/12/2022 8/12/2022	pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids Turbidity pH Total suspended solids	6.9 54 19 7.7 36 40 6.9 27 36 7.8 96 90 6.6 19	pH mg/L NTU pH mg/L NTU pH mg/L NTU pH mg/L NTU pH	50mm rainfall in

	Dunmore	e Lakes Sand	Project Environmenta	al Monitoring	Report	=
			Turbidity	29	NTU	
		T		T		1
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
Point 11 EPL12			Total suspended solids	17	mg/L	24 hours of
			Turbidity	17	NTU	50mm rainfall in
Monitoring	7/10/2022	8/12/2022	pH	6.8	рН	48 hour period
Point 12 EPL11	, ==, ====	0, ==, ====	Total suspended solids	26	mg/L	
. 0 12 2. 21			Turbidity	22	NTU	
Monitoring	7/10/2022	8/12/2022	pH	7.5	pH	
Point 18 EPL13	7/10/2022	0/12/2022	Total suspended solids	33	mg/L	
PUIII 10 EPL13						
			Turbidity	40	NTU	
Monitoring	30/09/2022	8/11/2022	рН	7.9	рН	Monitoring within
Point 9 DW20b	30,03,2022	3,11,2022	Total suspended solids	30	mg/L	24 hours of
Point 9 DW200						50mm rainfall in
	20/00/2022	0/44/2022	Turbidity	24	NTU	
Monitoring	30/09/2022	8/11/2022	pH	7.2	pH ,	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
			Turbidity	23	NTU	within a 48 hour
Monitoring	25/08/2022	5/10/2022	pH	7.3	рН	period in August
Point 11 EPL12		0, 20, 2022	Total suspended solids	13	mg/L	
			Turbidity	2.4	NTU	
Monitoring	25/08/2022	5/10/2022	pH	ND	pH	
Point 12 EPL11	23/00/2022	3/10/2022	Total suspended solids	ND ND	mg/L	
POIIIL 12 EPL11						
	25 /00 /2022	F /4 0 /2 022	Turbidity	ND	NTU	
Monitoring	25/08/2022	5/10/2022	pH	7.3	pH	
Point 18 EPL13			Total suspended solids	105	mg/L	
			Turbidity	75	NTU	
	6/07/2022	20/07/2222		7.0	T	1
Monitoring	6/07/2022	28/07/2022	pH	7.2	pH ,	
Point 9 DW20b	(50mm		Total suspended solids	20	mg/L	Monitoring within
	rainfall)		Turbidity	50	NTU	24 hours of
Monitoring	6/07/2022	28/07/2022	рН	6.9	рН	50mm rainfall in
Point 10 DW21a	(50mm		Total suspended solids	5.5	mg/L	48 hour period
OUIT TO DVVZId	rainfall)		Turbidity	22	NTU	

	Dunmore	e Lakes Sand	Project Environmenta	il Monitoring F	Report	·
Manitanina	6/07/2022	28/07/2022	рН	6.9	рН	
Monitoring	(50mm		Total suspended solids	22	mg/L	
Point 11 EPL12	rainfall)		Turbidity	28	NTU	
	6/07/2022	28/07/2022	pH	7.4	рН	
Monitoring	(50mm	, , ,	Total suspended solids	4	mg/L	
Point 12 EPL11	rainfall)		Turbidity	5.9	NTU	
	6/07/2022	28/07/2022	pH	6.8	pH	
Monitoring	(50mm	20/07/2022	Total suspended solids	5.5	mg/L	
Point 18 EPL13	rainfall)		Turbidity	19	NTU	
	Tallilali)		ruibluity	19	INTO	
NA it i	22/06/2022	40/00/2022	11	ND	11	Th
Monitoring	23/06/2022	10/08/2022	pH	ND	pH	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	pH	6.9	рН	
Point 18 EPL13	-,, -	., ,	Total suspended solids	104	mg/L	
			Turbidity	95	NTU	
	1					
Monitoring	23/05/2022	28/07/2022	рН	7.5	рН	Monitoring within
Point 9 DW20b	(50mm	20,07,2022	Total suspended solids	23	mg/L	24 hours of
1011111 5 0 0 0 2 0 0	rainfall)		Turbidity	30	NTU	50mm rainfall in
Monitoring	23/05/2022	28/07/2022	pH	7.0	pH	48 hour period
Point 10 DW21a	(50mm	20/0//2022	Total suspended solids	26	· ·	48 flour periou
POIIIL TO DVVZIA	,		•		mg/L	
	rainfall)	20/07/2022	Turbidity	36	NTU	
Monitoring	23/05/2022	28/07/2022	pH	6.8	pН	
Point 11 EPL12	(50mm		Total suspended solids	9	mg/L	
	rainfall)	22/22/222	Turbidity	18	NTU	
Monitoring	23/05/2022	28/07/2022	pH	7.5	pH	
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	pH	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	pH	6.9	pH	
Point 12 EPL11	(50mm	3,00,2022	Total suspended solids	10	mg/L	
. Onit 12 Li LII	rainfall)		Turbidity	34	NTU	
Monitoring	12/05/2022	3/06/2022	•	7.7		
Monitoring		3/00/2022	pH Total suspended solids		pH mg/l	
Point 18 EPL13	(50mm		Total suspended solids	24	mg/L	
	rainfall)		Turbidity	32	NTU	

Monitoring	8/04/2022	27/04/2022	рН	7.3	рН	Monitoring within
Point 9 DW20b	(50mm	,,	Total suspended solids	11	mg/L	24 hours of
	rainfall)		Turbidity	33	NTU	50mm rainfall in
Monitoring	8/04/2022	27/04/2022	pH	ND	рН	48 hour period
Point 10 DW21a	(50mm	2770472022	Total suspended solids	ND	mg/L	To Hour period
10111110 000210	rainfall)		Turbidity	ND	NTU	
Monitoring	8/04/2022	27/04/2022	pH	7.3	pH	-
Point 11 EPL12	(50mm	27/04/2022	Total suspended solids	19	mg/L	
I OIIIL II LI LIZ	rainfall)		Turbidity	45	NTU	
Monitoring	8/04/2022	27/04/2022	pH	6.7	pH	_
Point 12 EPL11	(50mm	27/04/2022	Total suspended solids	2	mg/L	
FOIII 12 LFL11	rainfall)		Turbidity	25	NTU	
Monitoring	8/04/2022	27/04/2022	pH	25		_
Monitoring Point 18 EPL13	(50mm	27/04/2022	Total suspended solids		pH	
POIIIL 10 EPL13					mg/L	
	rainfall)		Turbidity		NTU	
Monitoring	31/03/2022	27/04/2022	рН	7.1	рН	Monitoring within
Point 9 DW20b	(50mm	27,04,2022	Total suspended solids	21	mg/L	24 hours of
1 01111 7 10 10 200	rainfall)		Turbidity	34.1	NTU	50mm rainfall in
Monitoring	31/03/2022	27/04/2022	pH	6.9	_	48 hour period
Point 10 DW21a	(50mm	27/04/2022	•	14	pH mg/l	46 flour periou
Point 10 DW21a	1		Total suspended solids		mg/L	
NA - with a wise -	rainfall)	27/04/2022	Turbidity	16.8	NTU	_
Monitoring	31/03/2022	27/04/2022	pH	7.3	pН	
Point 11 EPL12	(50mm		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		Total suspended solids	16	mg/L	
	rainfall)		Turbidity	18.9	NTU	
Monitoring	31/03/2022	27/04/2022	рН	6.9	рН	
Point 18 EPL13	(50mm		Total suspended solids	18	mg/L	
	rainfall)		Turbidity	20.1	NTU	
	1 ((1 1- 1		1	T	T.,
Monitoring	29/03/2022	27/04/2022	pH	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	рН	
Point 18 EPL13	(50mm		Total suspended solids	25	mg/L	
	rainfall)		Turbidity	15.7	NTU	
	1	1		T		
Monitoring	10/03/2022	31/03/2022	рН	7.2	рН	Monitoring within
Point 9 DW20b	(50mm		Total suspended solids	18	mg/L	24 hours of 50mr
	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	pH	7.6	рН	
Point 11 EPL12			Total suspended solids	16	mg/L	
			•			

Monitoring 10/03/2022 31/03/2022 pH Total suspended solids 15 mg/L Total suspended solids 10 mg/L Total suspended solids Total			e Lakes Sanu	Project Environmenta			1
Monitoring 10/03/2022 31/03/2022 pH 7.0 pH		(50mm		Turbidity	38.6	NTU	
Point 12 EPL11 (50mm rainfall) Total suspended solids 7.63 NTU Total suspended solids 15 NTU Total suspended solids 10 Monitoring 1/03/2022 31/03/2022 PH Total suspended solids 10 Mp/L Total suspended solids NA Mp/L Total suspended	Monitoring	· · · · · · · · · · · · · · · · · · ·	21/02/2022	n∐	6.9	nμ	
Tainfall	_		31/03/2022	-			
Monitoring 10/03/2022 31/03/2022 Total suspended solids 15 Turbidity 7.63 NTU Total suspended solids 10 mg/L 7.3 pH 7.3 pH 7.4 PH 7.5 PH	FOIIIL 12 LFL11			•		_	
Point 18 EPL13 (50mm rainfall) Total suspended solids 15 mg/L rainfall) Total suspended solids 15 mg/L rainfall) Total suspended solids 10 mg/L rainfall) Total suspended solids NA mg/L rainfall) Total suspended solids 25 mg/L rainfall) Total suspended solids 16.9 mg/L rainfall) Total suspended solids 16.9 mg/L rainfall) Total suspended solids 18 mg/L rainfall) Total suspended solids	Monitoring	•	21/02/2022	·			
Monitoring 1/03/2022 31/03/2022 pH T.3 pH Monitoring within 24 hours of Somm rainfall) Turbidity	_		31/03/2022	•			
Monitoring	PUIII 10 EPL13			•			
Point 9 DW20b C50mm rainfall Total suspended solids 10 mg/L NTU Ph NA pH Ph NA mg/L NTU Ph Ph NA mg/L NTU Ph Ph NA Ph Ph NA mg/L NTU Ph NA Ph Ph NA Mg/L NTU Ph NA Ph Ph NA Ph NA Ph NA Ph NA Ph Ph NA Ph NA Ph Ph NA Ph Ph NA Ph NA Ph Ph Ph NA Ph Ph Ph NA Ph Ph Ph Ph Ph Ph Ph P		[alfilali)		Turblaity	7.03	NIO	
Point 9 DW20b C50mm rainfall Total suspended solids 10 mg/L NTU Ph NA pH Ph NA mg/L NTU Ph Ph NA mg/L NTU Ph Ph NA Ph Ph NA mg/L NTU Ph NA Ph Ph NA Mg/L NTU Ph NA Ph Ph NA Ph NA Ph NA Ph NA Ph Ph NA Ph NA Ph Ph NA Ph Ph NA Ph NA Ph Ph Ph NA Ph Ph Ph NA Ph Ph Ph Ph Ph Ph Ph P	Monitoring	1/03/2022	31/03/2022	Нq	7.3	На	Monitoring within
Part	_			Total suspended solids	10		_
Monitoring 1/03/2022 31/03/2022 pH Total suspended solids Turbidity NA NTU		rainfall)		-	16.6		rainfall in 48 hour
Point 10 DW21b C50mm rainfall rainfa	Monitoring	1/03/2022	31/03/2022	рН	NA	рН	period
Monitoring 1/03/2022 31/03/2022 pH 7.3 pH Total suspended solids 1.0 pH Total susp	_			Total suspended solids	NA		
Monitoring 1/03/2022 31/03/2022 pH 7.3 mg/L Turbidity 16.9 mg/L NTU Monitoring 1/03/2022 pH 6.8 pH Turbidity 6.26 NTU Monitoring 1/03/2022 pH 6.9 pH 6.9 pH 6.9 pH 6.9 pH 6.9 pH Monitoring Monitoring 1/03/2022 pH 6.9 pH 6.9 pH 6.9 pH Monitoring 1/03/2022 pH 7.75 mg/L Monitoring 24/02/22 22/04/22 pH 7.75 mg/L Monitoring 24/02/22 22/04/22 pH 7.75 pH Monitoring 24/02/22 22/04/22 pH 6.9 pH Monitoring 24/02/22 22/04/22 pH 6.9 pH Monitoring 24/02/22 22/04/22 pH 6.9 pH Monitoring Monitoring 24/02/22 22/04/22 pH 6.9 pH Monitoring Monitoring 24/02/22 22/04/22 pH 7.4 pH Monitoring Monitoring 24/02/22 22/04/22 pH 7.4 pH Monitoring Monitoring 24/02/22 22/04/22 pH 7.4 pH Monitoring 24/02/22 22/04/22 pH 6.6 pH Monitoring 24/02/22 22/04/22 pH 6.7 pH Monitoring 20/01/22 31/03/22 pH Monitoring 20/01/22 31/03/22 pH Monitoring 20/01/22 31/03/22 pH Monitoring 20/01/22 31/03/22 pH Monitoring Monitoring 20/01/22 31/03/22 pH Monitoring Monitoring		,		-	NA		
Point 11 EPL12 C50mm rainfall Total suspended solids 16.9 mg/L rurbidity 103/2022 PH 6.8 mg/L rurbidity 6.26 mg/L NTU Monitoring 1/03/2022 PH 6.9 mg/L rurbidity NTU Photoring rainfall Total suspended solids 18 mg/L rurbidity NTU Photoring rainfall Total suspended solids 18 mg/L rurbidity NTU Photoring rainfall Turbidity NTU Photoring 24/02/22 22/04/22 Ph 6.6 Ph Photoring Photoring rainfall Turbidity NTU Photoring 24/02/22 Ph Photoring Photoring 24/02/22 Ph Photoring Photo	Monitoring	•	31/03/2022	•	7.3	На	
Monitoring 1/03/2022 pH 6.8 pH 1/03/2022 pH 6.8 pH Total suspended solids 1/03/2022 pH 6.9 pH print 11 Ph12 (50mm rainfall) Turbidity Turbi	•		- , ,	•			
Monitoring Point 12 EPL11 (50mm rainfall) Total suspended solids Turbidity 6.26 NTU				-			
Point 12 EPL11	Monitoring		31/03/2022	•			
Monitoring	•		,,	•			
Monitoring Point 18 EPL13		,		•			
Point 18 EPL13 C50mm rainfall Total suspended solids 18 mg/L NTU	Monitoring	•	31/03/2022	•		+	
Monitoring 24/02/22 22/04/22 pH 7.5 pH 24/02/22 22/04/22 pH 6.9 pH 7.5 pH and period period pH period period pH period period pH pH pH pH pH pH pH p	_		31,03,2022	-		-	
Monitoring	. 0 10 1. 113	,		·			
Point 9 DW20b (50mm rainfall) Total suspended solids Turbidity Turbidity Point 10 DW21b (50mm rainfall) Turbidity Point 10 DW21b (50mm rainfall) Turbidity Point 11 EPL12 (50mm rainfall) Turbidity Point 12 EPL11 (50mm rainfall) Turbidity Point 18 EPL13 (50mm rainfall) Turbidity Point 19 DW20b Turbidity Point 10 DW21b Turbidity Turbidity Point 10 DW21b Turbidity Turbidity Point 10 DW21b Turbidity Point 11 EPL12 Total suspended solids Turbidity Turbidity Turbidity Point 10 DW21b Turbidity Turbid		Tunnunj		randialey	3.70	1110	
Point 9 DW20b (50mm rainfall) Total suspended solids Turbidity Turbidity Point 10 DW21b (50mm rainfall) Turbidity Point 10 DW21b (50mm rainfall) Turbidity Point 11 EPL12 (50mm rainfall) Turbidity Point 12 EPL11 (50mm rainfall) Turbidity Point 18 EPL13 (50mm rainfall) Turbidity Point 19 DW20b Turbidity Point 10 DW21b Turbidity Turbidity Point 10 DW21b Turbidity Turbidity Point 10 DW21b Turbidity Point 11 EPL12 Total suspended solids Turbidity Turbidity Turbidity Point 10 DW21b Turbidity Turbid	Monitoring	24/02/22	22/04/22	рН	7.5	рН	Monitoring within
Monitoring 24/02/22 22/04/22 pH 6.9 pH mg/L NTU period	_			Total suspended solids	41	-	_
Point 10 DW21b (50mm rainfall) Total suspended solids Turbidity Total suspended solids Turbidity Total suspended solids Turbidity Total suspended solids Turbidity NTU		rainfall)		Turbidity			rainfall in 48 hour
Point 10 DW21b (50mm rainfall) Total suspended solids Turbidity Total suspended solids Turbidity Total suspended solids Turbidity Total suspended solids Turbidity NTU	Monitoring	24/02/22	22/04/22	pH	6.9	рН	period
Monitoring 24/02/22 22/04/22 pH 7.4 pH 7.5 pH 7.	_		, ,	•			·
Monitoring Point 11 EPL12 (50mm rainfall) Total suspended solids Turbidity Total suspended solids Total suspended solids Turbidity Total susp				•			
Point 11 EPL12 (50mm rainfall) Total suspended solids Turbidity NTU	Monitoring		22/04/22	•	7.4	На	
Point 12 EPL11 Point 13 EPL13 Point 13 EPL13 Point 13 EPL13 Point 14 EPL13 Point 15 EPL15 Poin			, , ,	•		1	
Monitoring 24/02/22 22/04/22 pH 6.6 pH mg/L NTU				•			
Point 12 EPL11 (50mm rainfall) Total suspended solids Turbidity NTU	Monitoring	•	22/04/22	•	6.6		
Tainfall Turbidity NTU	_		,, -,	=		1	
Monitoring 24/02/22 (50mm rainfall) 22/04/22 pH 6.7 pH mg/L NTU				•	-		
Point 18 EPL13 (50mm rainfall) Total suspended solids Turbidity NTU	Monitoring		22/04/22	•	6.7		
Monitoring 20/01/22 31/03/22 pH 7.7 pH There was no instance where 50 pH Total suspended solids NA pH premises within a 48 hour period in January	•		,,	•		-	
Monitoring Point 9 DW20b 20/01/22 31/03/22 pH Total suspended solids Turbidity 7.7 yellow 4.45 pH mg/L NTU instance where 50 mm of rainfall was received at the premises within a 48 hour period in January Monitoring Point 10 DW21b 20/01/22 31/03/22 pH NA mg/L NTU NA NTU		,		•			
Point 9 DW20b Monitoring Point 10 DW21b Monitoring Point 11 EPL12 Monitoring Point 12 EPL11 Monitoring Point 18 EPL13 Total suspended solids Turbidity Total suspended solids Turbidity PH Total suspended solids Turbidity Turbid		,		,			
Monitoring 20/01/22 31/03/22 pH NA pH mg/L premises within a 48 hour period in January Monitoring 20/01/22 31/03/22 pH ND pH ND pH Monitoring 20/01/22 31/03/22 pH ND pH Total suspended solids Turbidity ND NTU Monitoring 20/01/22 31/03/22 pH ND pH ND pH Total suspended solids Turbidity ND NTU Monitoring 20/01/22 31/03/22 pH ND pH ND pH Total suspended solids Turbidity ND NTU Monitoring 20/01/22 31/03/22 pH ND ND NTU Monitoring 20/01/22 31/03/22 pH Total suspended solids Turbidity ND NTU Monitoring 20/01/22 31/03/22 pH 7.3 pH Total suspended solids 10 mg/L	Monitoring	20/01/22	31/03/22	•		рН	There was no
Monitoring Point 10 DW21b Solids Point 10 DW21b Point 10 DW21b Solids Point 10 DW21b Point 11 EPL12 Solidity Point 11 EPL12 Solidity Point 12 EPL11 Solidity Point 18 EPL13 Solidity Point 18 EPL13 Solidity Point 19 EPL13 Solidity Point 19 EPL13 Solidity Point 19 EPL13 Solidity Point 10 DW21b	Point 9 DW20b			Total suspended solids	9.0	mg/L	instance where 50
Point 10 DW21b Monitoring Point 11 EPL12 Monitoring Point 12 EPL11 Monitoring Point 18 EPL13 Total suspended solids Turbidity Premises within a 48 hour period in January				Turbidity	4.45	NTU	mm of rainfall was
Monitoring 20/01/22 31/03/22 pH 8.1 pH January	Monitoring	20/01/22	31/03/22	рН	NA	рН	received at the
Monitoring Point 11 EPL12 20/01/22 31/03/22 pH Total suspended solids Turbidity 8.1 pH mg/L Monitoring pH mg/L Monitoring 7.0 mg/L Monitoring NTU Point 12 EPL11 20/01/22 31/03/22 pH Monitoring Monitoring ND Monitoring Monitoring ND Monitoring Monitoring 20/01/22 31/03/22 pH Monitoring Monitoring Ph Monitoring Monitoring Ph Monitoring Ph Monitoring Monitoring Ph Monitoring	Point 10 DW21b			Total suspended solids	NA	mg/L	premises within a
Point 11 EPL12 Total suspended solids Turbidity 7.0 4.15 mg/L NTU Monitoring Point 12 EPL11 20/01/22 31/03/22 pH Total suspended solids Turbidity ND ND NTU mg/L mg/L ND NTU Monitoring Point 18 EPL13 20/01/22 31/03/22 pH Total suspended solids 7.3 pH Total suspended solids pH Total suspended solids				Turbidity	NA	NTU	48 hour period in
Turbidity 4.15 NTU	Monitoring	20/01/22	31/03/22	рН	8.1	рН	January
Turbidity 4.15 NTU	Point 11 EPL12			Total suspended solids	7.0	mg/L	
Point 12 EPL11 Total suspended solids ND mg/L NTU Monitoring 20/01/22 31/03/22 pH 7.3 pH Total suspended solids 10 mg/L Total suspended solids 10 mg/L				-	4.15	_	
Point 12 EPL11 Total suspended solids ND mg/L NTU Monitoring 20/01/22 31/03/22 pH 7.3 pH Total suspended solids 10 mg/L Total suspended solids 10 mg/L	Monitoring	20/01/22	31/03/22	рН	ND	рН	
Monitoring 20/01/22 31/03/22 pH 7.3 pH Point 18 EPL13 Total suspended solids 10 mg/L	_			Total suspended solids	ND		
Point 18 EPL13 Total suspended solids 10 mg/L				•	ND	_	
	Monitoring	20/01/22	31/03/22	рН	7.3	рН	
	Point 18 EPL13			Total suspended solids	10	mg/L	
				Turbidity	6.24	NTU	

	Dullilloi	e Lakes Sali	d Project Environment	tai Monitoring	Report	
	10/12/21	8/2/22	рН	8.0	рН	There was no
Monitoring			Total suspended solids	20	mg/L	instance where 50
Point 9 DW20b			Turbidity	15	NTU	mm of rainfall was
Monitoring	10/12/21	8/2/22	pH	NA	pН	received at the
Point 10 DW21b			Total suspended solids	NA	mg/L	premises within a
		2 /2 /2 2	Turbidity	NA	NTU	48 hour period in
Monitoring	10/12/21	8/2/22	pH	ND	pH ,	December
Point 11 EPL12			Total suspended solids	ND	mg/L	
N 4 i 4 i	10/12/21	0/2/22	Turbidity	ND	NTU	
Monitoring Point 12 EPL11	10/12/21	8/2/22	pH Total suspended solids	ND ND	pH	
POIIIL 12 EPL11			Turbidity	ND ND	mg/L NTU	
Monitoring	10/12/21	8/2/22	pH	7.3	pH	
Point 18 EPL13	10/12/21	0/2/22	Total suspended solids	21	mg/L	
TOINT TO ET ETS			Turbidity	9.9	NTU	
Monitoring	23/11/21	17/01/22	pH	8.5	pH	There was no
Point 9 DW20b	23,11,21	17,01,22	Total suspended solids	7.0	mg/L	instance where 50
1 011110 3 3 1 1 2 0 0			Turbidity	9.5	NTU	mm of rainfall was
Monitoring	23/11/21	17/01/22	pH	ND	pH	received at the
Point 10 DW21b	23, 11, 21	17,01,11	Total suspended solids	ND	mg/L	premises within a
			Turbidity	ND	NTU	48 hour period in
Monitoring	23/11/21	17/01/22	pH	ND	рН	November
Point 11 EPL12	,,		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	23/11/21	17/01/22	pH	ND	рН	
Point 12 EPL11	, ,	, ,	Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	23/11/21	17/01/22	рН	7.4	рН	
Point 18 EPL13			Total suspended solids	6	mg/L	
			Turbidity	6.2	NTU	
Monitoring	26/10/21	2/12/21	рН	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	pН	received at the
Point 10 DW21b			Total suspended solids	ND	mg/L	premises within a
			Turbidity	ND	NTU	48 hour period in
Monitoring	26/10/21	2/12/21	pH	ND	pН	October
Point 11 EPL12			Total suspended solids	ND	mg/L	
	25/12/21	2/12/21	Turbidity	ND	NTU	
Monitoring	26/10/21	2/12/21	pH	ND	pH	
Point 12 EPL11			Total suspended solids Turbidity	ND ND	mg/L	
Monitoring	26/10/21	2/12/21	•	ND 7.3	NTU	
Monitoring Point 18 EPL13	26/10/21	2/12/21	pH Total suspended solids	23	pH mg/L	
PUIII 16 EPL15			Turbidity	24	NTU	
Monitoring	22/09/21	9/11/21	pH	7.60	pH	There was no
Point 9 DW20b	(monthly)	3/11/21	Total suspended solids	38	mg/L	instance where 50
TOILL 3 DW200	(monenty)		Turbidity	22	NTU	mm of rainfall was
Monitoring	22/09/21	9/11/21	pH	ND	pH	received at the
Point 10 DW21b	(monthly)	5, 11, 21	Total suspended solids	ND	mg/L	premises within a
, = 1 = 1 = 2	(,,		Turbidity	ND	NTU	48 hour period in
Monitoring	22/09/21	9/11/21	pH	ND	pН	September
Point 11 EPL12	(monthly)	, ,==	Total suspended solids	ND	mg/L	
	` ''		Turbidity	ND	NTU	
Monitoring	22/09/21	9/11/21	pH	ND	рН	
Point 12 EPL11	(monthly)	, ,	Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	

			d Project Environmen		Керогі	
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	pH	ND	pН	received at the
Point 10 DW21b	(monthly+		Total suspended solids	ND	mg/L	premises within a
	50mm)	20/20/24	Turbidity	ND	NTU	48 hour period in
Monitoring	25/08/21	28/09/21	pH	ND	pH	August. Monitoring for the monthly
Point 11 EPL12	(monthly+ 50mm)		Total suspended solids	ND ND	mg/L NTU	and 50mm
Monitoring	25/08/21	28/09/21	Turbidity pH	ND ND	pН	sampling was
Point 12 EPL11	(monthly+	20/03/21	Total suspended solids	ND ND	mg/L	combined.
FOIIIL 12 LFL11	50mm)		Turbidity	ND ND	NTU	combined.
Monitoring	25/08/21	28/09/21	pH	6.5	pH	
Point 18 EPL13	(monthly	20/03/21	Total suspended solids	25	mg/L	
10111110111111	+50mm)		Turbidity	28	NTU	
Monitoring	30/07/21	16/09/21	pH	8.6	pH	There was no
Point 9 DW20b	(monthly)		Total suspended solids	7	mg/L	instance where 50
			Turbidity	21	NTU	mm of rainfall was
Monitoring	30/07/21	16/09/21	pH	ND	рН	received at the
Point 10 DW21b	(monthly)	, ,	Total suspended solids	ND	mg/L	premises within a
			Turbidity	ND	NTU	48 hour period in
Monitoring	30/07/21	16/09/21	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	
	1 1		Turbidity	40	NTU	
Monitoring	29/06/21	28/07/21	pH	8.6	pH	There was no
Point 9 DW20b	(monthly)		Total suspended solids	7	mg/L	instance where 50
Manitanina	20/06/21	20/07/21	Turbidity	21	NTU	mm of rainfall was
Monitoring Point 10 DW21b	29/06/21 (monthly)	28/07/21	pH Total suspended solids	ND ND	pH mg/l	received at the premises within a
POINT 10 DVV210	(IIIOIItilly)		Turbidity	ND ND	mg/L NTU	48 hour period in
Monitoring	29/06/21	28/07/21	pH	ND	pH	June
Point 11 EPL12	(monthly)	20/07/21	Total suspended solids	ND ND	mg/L	34116
1 01110 111 211 212	(1110111111)		Turbidity	ND	NTU	
Monitoring	29/06/21	28/07/21	pH	ND	pH	
Point 12 EPL11	(monthly)	20,01,22	Total suspended solids	ND	mg/L	
	, , , , , , , , , , , , , , , , , , , ,		Turbidity	ND	NTU	
Monitoring	29/06/21	28/07/21	pH	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	
i			Turbidity	4.1	NTU	

			d Project Environmen		Кероп	
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	pH	7.1	pН	
Point 9 DW20b	(50mm)		Total suspended solids	8.0	mg/L	
	05/05/04	11/05/01	Turbidity	14	NTU	
Monitoring	06/05/21	11/05/21	pH	6.2	pH	
Point 10 DW21b	(50mm)		Total suspended solids Turbidity	9.0 11	mg/L NTU	
Monitoring	06/05/21	11/05/21	pH	7.4	pH	
Point 11 EPL12	(50mm)	11/03/21	Total suspended solids	14	mg/L	
FOIIIL II LFLIZ	(3011111)		Turbidity	16	NTU	
Monitoring	06/05/21	11/05/21	pH	ND	pH	
Point 12 EPL11	(50mm)	11/03/21	Total suspended solids	ND ND	mg/L	
1011111211111	(3011111)		Turbidity	ND	NTU	
Monitoring	06/05/21	11/05/21	pH	7.1	pH	
Point 18 EPL13	(50mm)	11,03,21	Total suspended solids	22	mg/L	
	(00111111)		Turbidity	20	NTU	
Monitoring	28/04/21	25/05/21	pH	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	pH	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	pH	7.7	pH	There was two
Point 9 DW20b	(monthly +		Total suspended solids	3.0	mg/L	instances where 50
	50mm)	20/21/21	Turbidity	7.8	NTU	mm or more of
Monitoring	20/03/21	28/04/21	pH	ND	pH	rainfall was
Point 10 DW21b	(monthly +		Total suspended solids	ND	mg/L	received at the
N 4 i 4 i	50mm)	28/04/21	Turbidity	ND	NTU	premises within a 48 hour period in
Monitoring Point 11 EPL12	20/03/21 (monthly +	28/04/21	pH Total suspended solids	ND ND	pH	February (20/03/21
POIIIL 11 EPL12	50mm)		Turbidity	ND ND	mg/L NTU	and 22/03/21).
Monitoring	20/03/21	28/04/21	pH	ND	pH	Monthly water
Point 12 EPL11	(monthly +	28/04/21	Total suspended solids	ND ND	mg/L	quality and wet
1011111211111	50mm)		Turbidity	ND	NTU	weather
Monitoring	20/03/21	28/04/21	pH	7.1	pH	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	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
l			Turbidity	19	NTU	22/03/21 and

			a Project Environmen			Ι
Monitoring	24/03/21	07/04/21	pH	7.5	pH	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	pH	6.8	pH	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
Monitoring	17/02/21	24/3/21	рН	7.8	рН	There was no
Point 9 DW20b	(monthly)		Total suspended solids	16	mg/L	instance where 50
			Turbidity	7.8	NTU	mm or more of
Monitoring	17/02/21	24/3/21	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	17/02/21	24/3/21	рН	ND	рН	48 hour period in
Point 11 EPL12	(monthly)		Total suspended solids	ND	mg/L	February
			Turbidity	ND	NTU	
Monitoring	17/02/21	24/3/21	рН	ND	рН	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	17/02/21	24/3/21	рН	7.2	рН	
Point 18 EPL13	(monthly)		Total suspended solids	27	mg/L	
			Turbidity	8.6	NTU	
Monitoring	04/01/21	21/1/21	рН	7.5	рН	There was one
Point 9 DW20b	(50mm)		Total suspended solids	47	mg/L	instance where 50
			Turbidity	12	NTU	mm or more of
Monitoring	04/01/21	21/1/21	рН	ND	рН	rainfall was
Point 10 DW21b	(50mm)		Total suspended solids	ND	mg/L	received at the
			Turbidity	ND	NTU	premises within a
Monitoring	04/01/21	21/1/21	рН	ND	рН	48 hour period in
Point 11 EPL12	(50mm)		Total suspended solids	ND	mg/L	January (4/1/21)
			Turbidity	ND	NTU	
Monitoring	04/01/21	21/1/21	рН	ND	рН	
Point 12 EPL11	(50mm)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	04/01/21	21/1/21	рН	7.1	рН	
Point 18 EPL13	(50mm)		Total suspended solids	28	mg/L	
			Turbidity	20	NTU	
Monitoring	28/01/21	23/2/21	рН	8.0	рН	
Point 9 DW20b	(monthly)		Total suspended solids	13	mg/L	
			Turbidity	6.2	NTU	
Monitoring	28/01/21	23/2/21	рН	ND	рН	
Point 10 DW21b	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	28/01/21	23/2/21	рН	ND	рН	
Point 11 EPL12	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	28/01/21	23/2/21	рН	ND	рН	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	28/01/21	23/2/21	рН	7.0	рН	
Point 18 EPL13	(monthly)		Total suspended solids	76	mg/L	
			Turbidity	34	NTU	

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Monitoring	17/12/20	27/01/21	рН	7.9	рН	There was no
Point 9 DW20b	(monthly)		Total suspended solids	20	mg/L	instance where 50
	49115155	07/04/5	Turbidity	16	NTU	mm or more of
Monitoring	17/12/20	27/01/21	pH	ND	pH ,	rainfall was
Point 10 DW21b	(monthly)		Total suspended solids	ND	mg/L	received at the
Manitarina	17/12/20	27/04/24	Turbidity	ND ND	NTU	premises within a
Monitoring Point 11 EPL12	17/12/20 (monthly)	27/01/21	pH Total suspended solids	ND ND	pH	48 hour period in December
POIIIL 11 EPL12	(IIIOIILIIIy)		Turbidity	ND ND	mg/L NTU	December
Monitoring	17/12/20	27/01/21	pH	ND	pH	
Point 12 EPL11	(monthly)	27/01/21	Total suspended solids	ND ND	mg/L	
1 01110 112 11 1111	(11101111111)		Turbidity	ND	NTU	
Monitoring	17/12/20	27/01/21	pH	ND	рН	
Point 18 EPL13	(monthly)		Total suspended solids	ND	mg/L	
	, , , , , , , , , , , , , , , , , , , ,		Turbidity	ND	NTU	
Monitoring	22/11/20	16/12/20	pH	8.1	рН	There was no
Point 9 DW20b	(monthly)		Total suspended solids	7	mg/L	instance where 50
	'		Turbidity	8.0	NTU	mm or more of
Monitoring	22/11/20	16/12/20	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	22/11/20	16/12/20	рН	ND	рН	48 hour period in
Point 11 EPL12	(monthly)		Total suspended solids	ND	mg/L	November
			Turbidity	ND	NTU	
Monitoring	22/11/20	16/12/20	рН	7.8	рН	
Point 12 EPL11	(monthly)		Total suspended solids	35	mg/L	
			Turbidity	9.8	NTU	
Monitoring	22/11/20	16/12/20	pH	7.3	pН	
Point 18 EPL13	(monthly)		Total suspended solids	20	mg/L	
	2011212		Turbidity	7.3	NTU	_,
Monitoring	22/10/20	20/11/20	pH	7.4	pH	There was no
Point 9 DW20b	(monthly)		Total suspended solids	12	mg/L	instance where 50
Manitarina	22/10/20	20/11/20	Turbidity	13 NA	NTU	mm or more of rainfall was
Monitoring Point 10 DW21b	22/10/20 (monthly)	20/11/20	pH Total suspended solids	NA NA	pH mg/L	received at the
FOIIIC 10 DVVZ10	(IIIOIItilly)		Turbidity	NA NA	NTU	premises within a
Monitoring	22/09/20	20/11/20	pH	ND	pH	48 hour period in
Point 11 EPL12	(monthly)	20/11/20	Total suspended solids	ND ND	mg/L	October
	(11101111111)		Turbidity	ND	NTU	
Monitoring	22/10/20	20/11/20	pH	ND	pН	
Point 12 EPL11	(monthly)	-5, -2, -5	Total suspended solids	ND	mg/L	
	, , , , ,		Turbidity	ND	NTU	
Monitoring	22/10/20	20/11/20	pH	ND	рН	
Point 18 EPL13	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	21/09/20	23/10/20	рН	7.8	рН	There was no
Point 9 DW20b	(monthly)		Total suspended solids	41	mg/L	instance where 50
			Turbidity	14	NTU	mm or more of
Monitoring	21/09/20	23/10/20	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	21/09/20	23/10/20	pH	7.9	pН	48 hour period in
Point 11 EPL12	(monthly)		Total suspended solids	11	mg/L	September
	04/05/55	00/40/00	Turbidity	5.3	NTU	
Monitoring	21/09/20	23/10/20	pH	ND	pН	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	1

Monitoring 21/09/20 23/10/20 pH 7.5 pH Total suspended solids 18 mg/L Total suspended solids NA mg/L				d Project Environment		пероп	1
Monitoring 11/08/20 13/08/20 PH 7.70 PH There was one instance where 50 Point 10 DW21b (50mm) Total suspended solids NA PH NA PH Total suspended solids NA PH NA PH Total suspended solids NA PH NA	_	21/09/20	23/10/20	•		рН	
Monitoring 11/08/20 13/08/20 Total suspended solids 18.5 NTU There was one proint 3 DW20b (50mm) 13/08/20 PH NA	Point 18 EPL13	(monthly)		Total suspended solids	18	mg/L	
Point 10 DW20b (50mm)				Turbidity	7.8	NTU	
Monitoring	Monitoring	11/08/20	13/08/20	рН	7.70	рН	There was one
Monitoring 11/08/20 13/08/20 PH NA	Point 9 DW20b	(50mm)		Total suspended solids	8	mg/L	instance where 50
Point 10 DW21b C50mm				Turbidity	18.5		mm or more of
Point 10 DW21b C50mm	Monitoring	11/08/20	13/08/20	рН	NA	рН	rainfall was
Monitoring 11/08/20 13/08/20 PH 7.98 PH 7.99 PH	_			Total suspended solids	NA	-	received at the
Monitoring		,		•			premises within a
Point 11 EPL12 (50mm)	Monitoring	11/08/20	13/08/20	•			· ·
Monitoring				-			August (09/10/20
Monitoring		,		-			and 10/08/20).
Point 12 EPL11	Monitoring	11/08/20	13/08/20	·			, , ,
Monitoring	_		20,00,20	•		-	The site was unable
Monitoring Point 18 EPL13		(33)		-			
Point 18 EPL13 (50mm)	Monitoring	11/08/20	13/08/20	•			
Monitoring 31/08/20 29/09/20 pH 7.8 pH Total suspended solids 25 mg/L Monitoring 31/08/20 29/09/20 pH NA pH Total suspended solids 15 NTU Total suspended solids 15 NTU Total suspended solids 15 NTU Total suspended solids NA mg/L Monitoring 31/08/20 29/09/20 pH NA NTU Monitoring 31/08/20 29/09/20 pH NA NTU As per note 2 within condition M2.3 the site notified the EPA Total suspended solids 9 mg/L NTU Monitoring 31/08/20 29/09/20 pH ND pH ND DH ND NTU Total suspended solids ND MONITORING ND NTU Total suspended solids ND MONITORING ND NTU Total suspended solids ND MONITORING ND NTU MOnitoring 15 July 18 August PH NA PH NTU	_		13,00,20	•			
Monitoring Point 9 DW20b (monthly)	Tome 10 Er E13	(3011111)		•			_
Point 9 DW20b	Monitoring	31/08/20	29/09/20	•			
Monitoring 31/08/20 29/09/20 pH NA pH Ms, NA mg/L within condition Mcnitoring Point 10 DW21b (monthly) 29/09/20 pH Total suspended solids Turbidity NA NTU M2.3 the site notified the EPA that sampling would be delayed. DSS undertook sampling as soon as it was safe to do so on 28/7/2020. Monitoring 15 July Point 18 EPL12 (monthly) 18 August Point 10 DW21b (monthly) 2020 2020 Total suspended solids 12 mg/L montread within Condition M2.3 the site notified the EPA pH received at the promote of Turbidity ND NTU wonld would be delayed. DSS undertook sampling as soon as it was safe to do so on 11th of August, 2020. Monitoring 15 July 18 August PH NA PH received at the premises within a Monitoring 15 July Point 19 DW21b (monthly) 18 August PH NA PH received at the premises within a Monitoring 15 July Point 19 EPL12 2020 2020 Total suspended solids 12 mg/L mg/L more for instances where 50 mg/L mg/L mg/L mg/L mg/L mstances where 50 mg/L mg/L mg/L mg/L mg/L mstances where 50 mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	_		29/09/20	-			_
Monitoring	1 OIIIC 3 DW200	(monthly)		•			
Point 10 DW21b	Monitoring	21/09/20	20/00/20	·			
Monitoring 31/08/20 29/09/20 pH 8.6 pH mg/L Monitoring 31/08/20 29/09/20 pH ND mg/L Monitoring 31/08/20 29/09/20 pH 8.0 pH mg/L Sampling as soon as it was safe to do so on 11th of August, 2020 Total suspended solids 10 mg/L 2020 2020 Total suspended solids 12 mg/L 2020 2020 Total suspended solids 13 mg/L 2020 2020 Total suspended solids 14 mg/L 2020 2020 Total suspended solids 3 mg/L 28/7/2020			29/09/20	•			As per note 2
Monitoring 31/08/20 29/09/20 pH 8.6 pH mg/L that sampling Monitoring 31/08/20 29/09/20 pH ND pH mg/L that sampling Monitoring 31/08/20 29/09/20 pH ND pH mg/L that sampling Monitoring 31/08/20 29/09/20 pH ND mg/L DSS undertook Sampling as soon as it was safe to do so on 29/10/20 monthly) Turbidity 3.4 NTU Monitoring 15 July 18 August pH NA pH mg/L	POINT 10 DW210	(monthly)		•			· ·
Point 11 EPL12 (monthly) Monitoring Nonitoring Point 12 EPL11 (monthly) Monitoring S1/08/20 (monthly) Monitoring Point 12 EPL11 (monthly) Monitoring Point 12 EPL11 (monthly) Monitoring Point 12 EPL13 (monthly) Monitoring Point 18 EPL13 (monthly) Monitoring Point 19 DW20b (monthly) Monitoring S15 July Point 10 DW21b (monthly) Monitoring Point 10 EPL12 (monthly) Monitoring Point 11 EPL12 (monthly) Monitoring Point 12 EPL11 (monthly) Monitoring Point 10 DW21b (monthly) Monitoring Point 11 EPL12 (2020 (monthly) Monitoring Point 11 EPL12 (monthly) Monitoring Point 11 EPL12 (monthly) Monitoring Point 12 EPL11 (monthly) Monitoring Point 12 EPL13 (monthly) Monitoring Point 12 EPL14 (monthly) Monitoring Point 12 EPL14 (monthly) Monitoring Point 12 EPL14 (monthly) Mo	NA - with a wine -	24 /00 /20	20/00/20	·			
Monitoring Point 12 FPL11 (monthly) Point 18 FPL13 (monthly) Point 18 FPL13 (monthly) Point 18 FPL13 (monthly) Point 18 FPL13 (point 12 FPL11) Point 12 FPL11 (monthly) Point 18 FPL13 (point 12 FPL13 (point 12 FPL14) Point 12 FPL13 (point 12 FPL13 (point 12 FPL14) Point 12 FPL13 (point 12	_		29/09/20	•			
Monitoring 31/08/20 29/09/20 pH ND pH ND DS undertook Sampling as soon as it was safe to do so on 11th of August, 2020.	Point 11 EPL12	(monthly)					
Point 12 EPL11 (monthly) Total suspended solids Turbidity ND NTU it was safe to do so on as it was safe to do so on 11th of August, 2020. Monitoring 15 July Point 10 DW21b 2020 2020 Total suspended solids Turbidity NA DH NTU instances where 50 monthly) Turbidity NA DH NTU mm or more of received at the premises within a Received at the premises within a Received in Standard (monthly) Turbidity NA DH NTU NTU DH N		24 /22 /22	20/00/00	·			
Monitoring Point 10 DW21b (monthly) 18 August Point 11 EPL12 2020 2020 Total suspended solids Turbidity 10 NTU premises within a Monitoring 15 July 18 August Point 12 EPL11 2020 2020 Total suspended solids Turbidity NA NTU premises within a Monitoring 15 July 18 August Point 12 EPL11 2020 2020 Total suspended solids Turbidity NA NTU premises within a Monitoring 15 July 18 August PH NA POINT PO	_		29/09/20	•			The state of the s
Monitoring	Point 12 EPL11	(monthly)		•			
Point 18 EPL13		2 . /2 2 /2 2	20/20/20	•			1
Monitoring 15 July 2020 2020 Total suspended solids 7 mg/L 2020 and 2020 (monthly) 18 August PH NA NTU Primiter With Interest of the profit of	_		29/09/20	•			
Monitoring 15 July 2020 2020 Total suspended solids 12 mg/L instances where 50 mm or more of rainfall was received at the premises within a Monitoring 15 July Point 12 EPL11 2020 2020 Total suspended solids 12 mg/L mm or more of rainfall was received at the premises within a Monitoring 15 July Point 12 EPL11 2020 2020 Total suspended solids 3 mg/L (monthly) Turbidity 12 NTU 28/7/2020 and (monthly) Turbidity 100 NTU to be accessed on the 28th of July, Point 18 EPL13 2020 2020 Total suspended solids 52 mg/L (monthly) Turbidity 100 NTU to be accessed on the 28th of July, Point 18 EPL13 2020 2020 Total suspended solids 52 mg/L (monthly) Turbidity 5.9 NTU the 28th of July, 2020 due to safety (monthly) Turbidity 5.9 NTU concerns and flash flooding. As per point 9 DW20b (50mm) Turbidity 15 NTU Site Note 10 NTU to site notified the EPA and undertook sampling as soon as it was safe to do so on 29th of July, 2020 (2020 Total suspended solids NA mg/L NTU Site Name (Somm) NA NTU NTU NAME (Somm) NA NTU NTU NAME (Somm) NA NTU NAME (Somm) NA NTU NTU NAME (Somm) NAME (Somm) NA NTU NTU NAME (Somm) N	Point 18 EPL13	(monthly)		•			
Point 9 DW20b (monthly)				•			
Monitoring 15 July 18 August pH NA pH rainfall was received at the premises within a 48 hour period in Monitoring 15 July 18 August pH 7.2 pH 48 hour period in July (27/7/2020 and 28/7/2020). Monitoring 15 July 18 August pH 7.2 pH 48 hour period in July (27/7/2020 and 28/7/2020). Monitoring 15 July 18 August pH 6.4 pH point 12 EPL11 2020 2020 Total suspended solids 52 mg/L NTU 28/7/2020). Monitoring 15 July 18 August pH 7.1 pH to be accessed on the 28th of July, Point 18 EPL13 2020 2020 Total suspended solids 6.0 mg/L 2020 due to safety Concerns and flash flooding. As per note 2 within Monitoring 27 July 24 August pH NA pH site notified the PH NA pH Site notified the EPA and undertook Sampling as soon as It was safe to do soon 220 July 24 August pH 7.2 pH Site notified the EPA and undertook Sampling as soon as It was safe to do soon 2900 2020 Total suspended solids 3 mg/L 2020 2020 2020 Total suspended solids NA mg/L NTU		-		-		-	
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Monitoring 15 July 2020 2020 Total suspended solids 52 mg/L to be accessed on the 28th of July, 2020 due to safety concerns and flash flooding. As per note 2 within condition M2.3 the site notified the Point 10 DW21b 2020 2020 Total suspended solids Turbidity DMOnitoring 27 July 24 August PH NA Point 10 DW21b 2020 2020 Total suspended solids Turbidity DMOnitoring 27 July 24 August PH NA Point 10 DW21b 2020 2020 Total suspended solids Turbidity DMOnitoring 27 July 24 August PH NA PH Site notified the EPA and undertook sampling as soon as it was safe to do so Point 11 EPL12 2020 2020 Total suspended solids 3 mg/L NTU NA PH NA PH NA NTU NTU NONITORING 27 July 24 August PH NA NA NTU NTU NONITORING NONITORING NA NTU NONITORING	Point 11 EPL12		2020	•		_	
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Monitoring15 July18 AugustpH7.1pHthe 28th of July,Point 18 EPL1320202020Total suspended solids (monthly)6.0mg/L NTU2020 due to safety concerns and flashMonitoring27 July24 August (50mm)pH8.1pHflooding. As perPoint 9 DW20b20202020Total suspended solids Turbidity14mg/L NTUnote 2 within condition M2.3 the site notified theMonitoring27 July24 August (50mm)pHNApHsite notified thePoint 10 DW21b20202020Total suspended solids TurbidityNAmg/L NANTUEPA and undertook sampling as soon as it was safe to do so on 29th of July,Monitoring27 July24 August Total suspended solids Total suspended solids Total suspended solids Total suspended solidsNAmg/LMonitoring27 July24 August Total suspended solids Total suspended solids3mg/L	_		_	•		-	
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Point 18 EPL13 2020 2020 Total suspended solids 6.0 mg/L 7 July 24 August POINT 19 DW20b 2020 2020 Total suspended solids 14 mg/L 7 July 24 August POINT 10 DW21b 2020 2020 Total suspended solids POINT 11 EPL12 2020 2020 Total suspended solids POINT 10 DW21b 2020 2020 Total suspended solids POINT 10 DW21b 2020 2020 Total suspended solids POINT POINT POINT POINT POINT POINT POINT POINT 11 EPL12 2020 2020 Total suspended solids POINT POI		(monthly)		Turbidity	100	NTU	
Monitoring 27 July 24 August pH 8.1 pH flooding. As per note 2 within condition M2.3 the Site notified the EPA and undertook Sampling as soon as Point 10 DW21b 27 July 24 August pH 7.2 pH it was safe to do so on 29th of July, Point 11 EPL12 2020 2020 Total suspended solids 3 mg/L PH RIVI Concerns and flash flooding. As per note 2 within flooding. As per note 2 within condition M2.3 the note 2 within condition M2.3 the site notified the EPA and undertook sampling as soon as it was safe to do so on 29th of July, PH PH PH PH PH PH PH P	Monitoring	15 July	18 August	рН	7.1	рН	• • • • • • • • • • • • • • • • • • • •
Monitoring 27 July 24 August pH 8.1 pH mg/L note 2 within condition M2.3 the Site notified the Point 10 DW21b 27 July 24 August (50mm) Turbidity pH NA pH site notified the EPA and undertook sampling as soon as It was safe to do so on 29th of July, ph mg/L 2020 2020 Total suspended solids pH 7.2 pH it was safe to do so on 29th of July, and a ph mg/L pH	Point 18 EPL13	2020	2020	Total suspended solids	6.0	mg/L	<u> </u>
Point 9 DW20b 2020 2020 Total suspended solids 14 mg/L condition M2.3 the Monitoring 27 July 24 August Point 10 DW21b 2020 2020 Total suspended solids Turbidity NA NTU Site notified the EPA and undertook sampling as soon as Point 11 EPL12 2020 2020 Total suspended solids 3 mg/L 2020 2020 2020 Total suspended solids 3 mg/L 2020 2020		(monthly)		Turbidity	5.9	NTU	
(50mm) Turbidity 15 NTU condition M2.3 the site notified the Point 10 DW21b 2020 2020 Total suspended solids (50mm) Turbidity NA NTU Sampling as soon as Point 11 EPL12 2020 2020 Total suspended solids PH Total suspended solids PH Total suspended solids NA NTU Sampling as soon as it was safe to do so on 29th of July,	Monitoring	27 July	24 August	рН	8.1	рН	
Monitoring 27 July 24 August pH NA pH site notified the Point 10 DW21b 2020 2020 Total suspended solids NA mg/L (50mm) Turbidity NA NTU Sampling as soon as it was safe to do so Point 11 EPL12 2020 2020 Total suspended solids 3 mg/L 2020 2020 Total suspended solids 3 mg/L 2020 2020 Total suspended solids 3 mg/L 2020 2020 2020 Total suspended solids 3 mg/L 2020 2020 2020 2020 2020 2020 2020 20	Point 9 DW20b	2020	2020	Total suspended solids		mg/L	
Point 10 DW21b 2020 2020 Total suspended solids NA NTU EPA and undertook sampling as soon as It was safe to do so On 29th of July,		(50mm)		Turbidity	15	NTU	
(50mm) Turbidity NA NTU sampling as soon as Turbidity Ph T.2 pH it was safe to do so On 29th of July,	Monitoring	27 July	24 August	рН	NA	рН	
Monitoring 27 July 24 August pH 7.2 pH it was safe to do so Point 11 EPL12 2020 2020 Total suspended solids 3 mg/L 2020	Point 10 DW21b	2020	2020	Total suspended solids	NA	mg/L	
Monitoring27 July24 AugustpH7.2pHit was safe to do soPoint 11 EPL1220202020Total suspended solids3mg/Lon 29th of July,		(50mm)		-	NA		
Point 11 EPL12 2020 2020 Total suspended solids 3 mg/L on 29th of July,	Monitoring	27 July	24 August	рН	7.2	рН	
	_	2020	_	Total suspended solids	3	-	
		(50mm)		-	12		2020

			d Project Environmen	tai Monitoring	Keport	1
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	рН	8.1	рН	
Point 18 EPL13	2020	2020	Total suspended solids	33	mg/L	
	(50mm)		Turbidity	35	NTU	
Monitoring	29 July	24 August	рН	7.6	рН	
Point 9 DW20b	2020	2020	Total suspended solids	10	mg/L	
	(50mm)		Turbidity	30	NTU	
Monitoring	29 July	24 August	pН	NA	рН	
Point 10 DW21b	2020	2020	Total suspended solids	NA	mg/L	
	(50mm)		Turbidity	NA	NTU	
Monitoring	29 July	24 August	pH	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	
12 17 111	(50mm)		Turbidity	26	NTU	
Monitoring	29 July	24 August	pH	6.7	pH	1
Point 18 EPL13	29 July 2020	24 August 2020	Total suspended solids	6.7	mg/L	
I OHIL TO EALTS	(50mm)	2020	Turbidity	11	NTU	
Manitarina			•			Thomasura
Monitoring	26 June 20		pH	8.0	pH	There was no instance in June
Point 9 DW20b	(monthly)		Total suspended solids	8.0	mg/L	
	261 22		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	mg/L	received at the
			Turbidity	NA	NTU	premises within a
Monitoring	26 June 20		рН	ND	рН	48 hour period.
Point 11 EPL12	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	26 June 20		рН	ND	рН	
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
			Turbidity	ND	NTU	
Monitoring	26 June 20					
Point 18 EPL 13	(monthly)		рН	7.0	рН	
			Total suspended solids	149	mg/L	
			Turbidity	4.1	NTU	
Monitoring	22 May 20		рН	7.9	рН	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		pН	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	22 May 20		pH	ND	рН	48 hour period.
Point 11 EPL12	(monthly)		Total suspended solids	ND	mg/L	
	` ''		Turbidity	ND	NTU	
Monitoring	22 May 20		pH	ND	pH	1
Point 12 EPL11	(monthly)		Total suspended solids	ND	mg/L	
	(,,		Turbidity	ND	NTU	
Monitoring	22 May 20		pH	7.2	pH	1
Point 18 EPL13	(monthly)		Total suspended solids	5.0	mg/L	
. 5 10 1. 115	(Turbidity	5.8	NTU	
Monitoring	30 April 20		pH	7.5	pH	There was no
Point 9 DW20b	(monthly)		Total suspended solids	12	mg/L	instance in April
I OIIIL 3 DVV ZUU	(iniditally)		Turbidity	5.4	NTU	where 50 mm or
Monitorina	20 April 20		·			more of rainfall was
Monitoring	30 April 20		pH Total suspended solids	NA NA	pH mg/l	
Point 10 DW21b	(monthly)		Total suspended solids	NA NA	mg/L	received at the
			Turbidity	NA	NTU	

Monitoring	30 April 20	рН	ND	рН	premises within a
Point 11 EPL12	(monthly)	Total suspended solids	ND	mg/L	48 hour period.
		Turbidity	ND	NTU	
Monitoring	30 April 20	рН	ND	рН	
Point 12 EPL11	(monthly)	Total suspended solids	ND	mg/L	
		Turbidity	ND	NTU	
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	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	23 Mar 20	рН	ND	рН	48 hour period.
Point 11 EPL12	(monthly)	Total suspended solids	ND	mg/L	
		Turbidity	ND	NTU	
Monitoring	23 Mar 20	рН	ND	рН	
Point 12 EPL11	(monthly)	Total suspended solids	ND	mg/L	
		Turbidity	ND	NTU	
Monitoring	23 Mar 20	рН	6.8	рН	
Point 18 EPL13	(monthly)	Total suspended solids	44	mg/L	
		Turbidity	12	NTU	

Further historical monitoring data relating to water quality can be found in the associated Annual Reviews for each year. Location of the Dunmore Lakes Sand Project Annual Reviews can be found at https://www.boral.com.au/locations/boral-dunmore-operations

Dunmore Lakes Sand Project Monitoring Locations.

Water Quality Monitoring Locations

