

Environmental Monitoring Report

Dunmore Quarry

April 2024

Date Published: June 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 77 (EPL 77 – Boral Dunmore Quarry)

This report provides environmental monitoring data for Dunmore Quarry for the period February 2020 to February 2024.

Dunmore Quarry Information						
Premise Details	Boral – Dunmore Quarry					
Address	Princes Highway, Dunmore NSW, 2529					
Licensee	Boral Resources (NSW) PTY LTD					
EPL N°	77					
EPL Location	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=77&id=77&option=licence&searchrange=licence⦥=POEO%2Olicence&prp=no&status=Issued					

Monitoring data in this report relates to the monitoring undertaken in the reporting period for Water Quality.

Water Monitoring

Water Quality Monitoring is conducted as per condition M2.3 of EPL 77. The water quality results for the reporting period are tabled below.

Sample Period: March - April 2024 Licensee: Dunmore Quarry

Licensee Address: Princes Hwy, Dunmore NSW 2529

EPL No.: 77

Qualifications related to Water

* Sampling only required at Monitoring points #6, #7, #9 and #10 during discharge from site. ND denotes no discharge. NV denotes not visible.

Location	Date	Monitoring Frequency	Pollutant	Measure	Unit	Comment
	Received			ment		
			April 2024			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	1/5/2024	Daily during discharge	Conductivity	412	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 12/4/2024 in
		Daily during discharge	рН	7.2	рН	response to
		Daily during discharge	Total Suspended Solids	176	mg/L	uncontrolled
		Daily during discharge	Turbidity	210	NTU	discharge. Due to
Monitoring	1/5/2024	Daily during discharge	Conductivity	295	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рH	7.5	рН	high groundwater
		Daily during discharge	Total Suspended Solids	14	mg/L	table dewatering of
		Daily during discharge	Turbidity	14	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	-
Monitoring	1/5/2024	Daily during discharge	Conductivity	270	μS/cm	Sampling undertaken
Point 7	_, _,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 11/4/2024 in
		Daily during discharge	рН	6.7	pH	response to
		Daily during discharge	Total Suspended Solids	2	mg/L	uncontrolled
		Daily during discharge	Turbidity	6.9	NTU	discharge. Due to
Monitoring	1/5/2024	Daily during discharge	Conductivity	282	μS/cm	higher than average
Point 9	±, 5, 2027	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	6.8	<u> пъд г</u> рН	high groundwater
		Daily during discharge	Total Suspended Solids	10	mg/L	table dewatering of
		Daily during discharge	Turbidity	12	NTU	Lower Dam is not
		Daily during discharge	Conductivity	ND	μS/cm	possible.
		Daily during discharge	Conductivity	140	μο/ στι	1

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Monitoring		Daily during discharge	Oil and Grease	ND	mg/L	
Point 10		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		T	T .			T
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	1/5/2024	Daily during discharge	Conductivity	257	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 10/4/2024 in
		Daily during discharge	рН	6.7	рН	response to
		Daily during discharge	Total Suspended Solids	6	mg/L	uncontrolled
		Daily during discharge	Turbidity	13	NTU	discharge. Due to
Monitoring	1/5/2024	Daily during discharge	Conductivity	272	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	6.7	рН	high groundwater
		Daily during discharge	Total Suspended Solids	32	mg/L	table dewatering of
		Daily during discharge	Turbidity	22	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	1/5/2024	Daily during discharge	Conductivity	355	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 9/4/2024 in
		Daily during discharge	рН	6.7	рН	response to
		Daily during discharge	Total Suspended Solids	600	mg/L	uncontrolled
		Daily during discharge	Turbidity	600	NTU	discharge. Due to
Monitoring	1/5/2024	Daily during discharge	Conductivity	254	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	6.8	рН	high groundwater
		Daily during discharge	Total Suspended Solids	14	mg/L	table dewatering of
		Daily during discharge	Turbidity	23	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	Н	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	-
<u>"</u>		-				
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
			011 10	ND	mg/L	1
		Daily during discharge	Oil and Grease	ND		
		Daily during discharge Daily during discharge	pH	ND	pH	<u>-</u>
		Daily during discharge	рН	ND	рН	
		Daily during discharge Daily during discharge	pH Total Suspended Solids		pH mg/L	
	1/5/2024	Daily during discharge Daily during discharge Daily during discharge	pH Total Suspended Solids Turbidity	ND ND ND	pH mg/L NTU	Sampling undertaken
Monitoring Point 7	1/5/2024	Daily during discharge Daily during discharge	pH Total Suspended Solids	ND ND	pH mg/L	Sampling undertaken on 8/4/2024 in

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		Daily during discharge	Total Suspended Solids	271	mg/L	uncontrolled
		Daily during discharge	Turbidity	400	NTU	discharge. Due to
Monitoring	1/5/2024	Daily during discharge	Conductivity	233	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	6.6	рН	high groundwater
		Daily during discharge	Total Suspended Solids	9	mg/L	table dewatering of
		Daily during discharge	Turbidity	25	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			March 2024			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/4/2024	Daily during discharge	Conductivity	386	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 21/3/2024 in
		Daily during discharge	рН	8	рН	response to
		Daily during discharge	Total Suspended Solids	243	mg/L	uncontrolled
		Daily during discharge	Turbidity	300	NTU	discharge. Due to
Monitoring	3/4/2024	Daily during discharge	Conductivity	367	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7	pН	high groundwater
		Daily during discharge	Total Suspended Solids	13	mg/L	table dewatering of
		Daily during discharge	Turbidity	17	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
T		T	T .			T
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
	- 1 - 1	Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/4/2024	Daily during discharge	Conductivity	368	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/3/2024 in
		Daily during discharge	pH	8.2	pH	response to
		Daily during discharge	Total Suspended Solids	372	mg/L	uncontrolled
		Daily during discharge	Turbidity	500	NTU	discharge. Due to
Monitoring	3/4/2024	Daily during discharge	Conductivity	346	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and high groundwater
		Daily during discharge	pH	6.9	pН	table dewatering of
		Daily during discharge	Total Suspended Solids	20	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	24	NTU	possible.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	700010101
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
T		Daily during discharge	Conductivity	ND	us/sm	T
		Daily during discharge	Conductivity	ND	μS/cm	I

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Monitoring		Daily during discharge	Flow	ND	KL/day	No controlled
Point 6		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
		Daily during discharge	pH	ND	pН	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	<u> </u>
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/4/2024	Daily during discharge	Conductivity	342	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 19/3/2024 in
		Daily during discharge	рН	8.3	рН	response to
		Daily during discharge	Total Suspended Solids	967	mg/L	uncontrolled
		Daily during discharge	Turbidity	1800	NTU	discharge. Due to
Monitoring	3/4/2024	Daily during discharge	Conductivity	334	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.2	pН	high groundwater
		Daily during discharge	Total Suspended Solids	39	mg/L	table dewatering of
		Daily during discharge	Turbidity	21	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			February 2024			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	15/3/2024	Daily during discharge	Conductivity	507	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/2/2024 in
		Daily during discharge	рН	7.9	рН	response to
		Daily during discharge	Total Suspended Solids	98	mg/L	uncontrolled
		Daily during discharge	Turbidity	85	NTU	discharge. Due to
Monitoring	15/3/2024	Daily during discharge	Conductivity	469	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.2	pН	high groundwater
		Daily during discharge	Total Suspended Solids	12	mg/L	table dewatering of
		Daily during discharge	Turbidity	8.4	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	рН	ND	pH	•
		Daily during discharge	Total Suspended Solids	ND	mg/L	•
		Daily during discharge	Turbidity	ND	NTU	-
		Tany daning disciturge	· a. a.c.			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
. 510		Daily during discharge	Oil and Grease	ND ND	mg/L	alsonarge initiated
		Daily during discharge	pH	ND ND	pH	1
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	1
		Daily during discharge	Turbidity	ND ND	NTU	1
Monitoring	15/3/2024	Daily during discharge	Conductivity	499	μS/cm	Sampling undertaken
Point 7	13/3/2024	Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/2/2024 in
. Onit /		Daily during discharge	pH	8	pH	response to
			•			uncontrolled
		Daily during discharge	Total Suspended Solids	81	mg/L	discharge. Due to
N.A. mile - min	45/2/2024	Daily during discharge	Turbidity	80	NTU	higher than average
Monitoring	15/3/2024	Daily during discharge	Conductivity	501	μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	pH	7.6	pH	table dewatering of
		Daily during discharge	Total Suspended Solids	8	mg/L	table dewatering of

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		Daily during discharge	Turbidity	7.2	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
					•	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	1
		Daily during discharge	рH	ND	pН	1
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	1
Monitoring	15/3/2024	Daily during discharge	Conductivity	519	μS/cm	Sampling undertaken
Point 7	-,-,	Daily during discharge	Flow	ND	KL/day	on 26/2/2024 in
		Daily during discharge	Oil and Grease	<0.1	mg/L	response to
		Daily during discharge	рН	7.9	pH	uncontrolled
		Daily during discharge	Total Suspended Solids	525	mg/L	discharge. Due to
		Daily during discharge	Turbidity	290	NTU	higher than average
Monitoring	15/3/2024	Daily during discharge	Conductivity	454	μS/cm	monthly rainfall and
Point 9	13/3/202	Daily during discharge	Flow	ND	KL/day	high groundwater
		Daily during discharge	Oil and Grease	<0.1	mg/L	table dewatering of
		Daily during discharge	pH	7.3	pH	Lower Dam is not
		Daily during discharge	Total Suspended Solids	15	mg/L	possible.
		Daily during discharge	Turbidity	7.4	NTU	-
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	-
Point 10		Daily during discharge	Flow	ND	KL/day	-
1 01110 10		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	-
		Daily during discharge	Tarbiarcy	I ND	1410	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
1 Ollie O		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	_
		Daily during discharge	Turbidity	ND	NTU	-
Monitoring	06/03/24	Daily during discharge	Conductivity	477	μS/cm	Sampling undertaken
Point 7	00/03/24	Daily during discharge	Oil and Grease	<0.1	mg/L	on 22/2/2024 in
TOTAL 7		Daily during discharge	pH	8.1	pH	response to
		Daily during discharge	Total Suspended Solids	139		uncontrolled
		Daily during discharge	Turbidity	210	mg/L NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	475	1	higher than average
Monitoring Point 9	06/03/24		•		μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	pH	8.0	pH	table dewatering of
		Daily during discharge	Total Suspended Solids	26	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	11	NTU	possible.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	1
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pН	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	
		I = 11	1 - 1	1	1	T
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	_
		Daily during discharge	рН	ND	рН	

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		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	477	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 21/2/2024 in
		Daily during discharge	рН	8.1	рН	response to
		Daily during discharge	Total Suspended Solids	139	mg/L	uncontrolled
		Daily during discharge	Turbidity	210	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	475	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	8.0	рН	high groundwater
		Daily during discharge	Total Suspended Solids	26	mg/L	table dewatering of
		Daily during discharge	Turbidity	11	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		T	1		-,	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	502	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/2/2024 in
		Daily during discharge	рН	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	124	mg/L	uncontrolled
		Daily during discharge	Turbidity	180	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	471	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.1	рН	high groundwater
		Daily during discharge	Total Suspended Solids	20	mg/L	table dewatering of
		Daily during discharge	Turbidity	15	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		1	1		T	T
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	504	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 19/2/2024 in
		Daily during discharge	рH	8.1	pН	response to
		Daily during discharge	Total Suspended Solids	100	mg/L	uncontrolled
		Daily during discharge	Turbidity	160	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	472	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.1	рН	high groundwater
		Daily during discharge	Total Suspended Solids	24	mg/L	table dewatering of
		Daily during discharge	Turbidity	15	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
-		Daily during discharge	Oil and Grease	ND	mg/L	1

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		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
N.A it i		Dath during disabance	Complementation	ND		No soutselled
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	_
		Daily during discharge	pH	ND	pH	_
		Daily during discharge	Total Suspended Solids	ND	mg/L	_
Manitarina	06/03/24	Daily during discharge	Turbidity	ND	NTU us/am	Compling undertaken
Monitoring	06/03/24	Daily during discharge	Conductivity	503	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 18/2/2024 in response to
		Daily during discharge	pH Tatal Suspended Solids	8.1 72	pH	uncontrolled
		Daily during discharge	Total Suspended Solids		mg/L	discharge. Due to
NA switz vin s	06/02/24	Daily during discharge	Turbidity	110	NTU	higher than average
Monitoring Point 9	06/03/24	Daily during discharge	Conductivity	474	μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	pH	7.1	pH	table dewatering of
		Daily during discharge	Total Suspended Solids	12	mg/L	Lower Dam is not
N.A. mita mina		Daily during discharge	Turbidity	7.6	NTU	possible.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	-
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	_
		Daily during discharge	pH	ND	pH	_
		Daily during discharge	Total Suspended Solids	ND	mg/L	_
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	505	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 17/2/2024 in
		Daily during discharge	рН	8.0	pН	response to
		Daily during discharge	Total Suspended Solids	72	mg/L	uncontrolled
		Daily during discharge	Turbidity	110	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	502	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.0	рН	high groundwater
		Daily during discharge	Total Suspended Solids	47	mg/L	table dewatering of
		Daily during discharge	Turbidity	18	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	<u> </u>	Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	509	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 16/2/2024 in
		Daily during discharge	рН	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	101	mg/L	uncontrolled

		Dunmore Quarry	Environmental Monit	oring Repo	ort	
		Daily during discharge	Turbidity	120	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	457	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.1	рН	high groundwater
		Daily during discharge	Total Suspended Solids	12	mg/L	table dewatering of
		Daily during discharge	Turbidity	11	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		, , ,	,	I.	l	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	Ŭ
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	*	μS/cm	Sampling undertaken
Point 7	00,00,=:	Daily during discharge	Oil and Grease	*	mg/L	on 15/2/2024 in
		Daily during discharge	рН	*	pH	response to
		Daily during discharge	Total Suspended Solids	*	mg/L	uncontrolled
		Daily during discharge	Turbidity	*	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	*	μS/cm	higher than average
Point 9	00,03,24	Daily during discharge	Oil and Grease	*	mg/L	monthly rainfall and
1 onite 3		Daily during discharge	pH	*	pH	high groundwater
		Daily during discharge	Total Suspended Solids	*	mg/L	table dewatering of
		Daily during discharge	Turbidity	*	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	· ·	
TOILLE		Daily during discharge	pH	ND	mg/L pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND ND	NTU	
		Daily during discharge	Awaiting lab results	ND	NIO	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6				ND ND		discharge initiated
Politi		Daily during discharge	Flow		KL/day	uischarge miliateu
		Daily during discharge Daily during discharge	Oil and Grease	ND	mg/L	
			pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
N.A. ora ita wi ora	06/02/24	Daily during discharge	Turbidity	ND 464	NTU	Camandina condentation
Monitoring	06/03/24	Daily during discharge	Conductivity	464	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 9/2/2024 in
		Daily during discharge	pH	7.9	pH	response to
		Daily during discharge	Total Suspended Solids	123	mg/L	uncontrolled discharge. Due to
		Daily during discharge	Turbidity	70	NTU	higher than average
Monitoring	06/03/24	Daily during discharge	Conductivity	424	μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	рН	7.1	pН	table dewatering of
		Daily during discharge	Total Suspended Solids	11	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	4.9	NTU	possible.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	ροσσισίε.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
					1	T
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		

		Duffillore Quarry	Environmental Monit	oring Kept	יונ	1
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	440	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 8/2/2024 in
		Daily during discharge	рН	7.7	рН	response to
		Daily during discharge	Total Suspended Solids	217	mg/L	uncontrolled
		Daily during discharge	Turbidity	230	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	449	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.0	pН	high groundwater
		Daily during discharge	Total Suspended Solids	31	mg/L	table dewatering of
		Daily during discharge	Turbidity	6.2	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		1 7 8 8				
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	436	μS/cm	Sampling undertaken
Point 7	00/03/24	Daily during discharge	Oil and Grease	<0.1	mg/L	on 7/2/2024 in
7		Daily during discharge	pH	7.8	pH	response to
		Daily during discharge	Total Suspended Solids	308	mg/L	uncontrolled
		Daily during discharge	Turbidity	380	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	456	μS/cm	higher than average
Point 9	00/03/24	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
Tonics		Daily during discharge	pH	6.9		high groundwater
			'	31	pH mg/l	table dewatering of
		Daily during discharge	Total Suspended Solids	11	mg/L NTU	Lower Dam is not
Manitarina		Daily during discharge	Turbidity			possible.
Monitoring Point 10		Daily during discharge	Conductivity	ND	μS/cm	
Pollit 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			0 1 11 11	ND	6.1	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	357	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 6/2/2024 in
		Daily during discharge	pH	6.9	pН	response to
		Daily during discharge	Total Suspended Solids		mg/L	uncontrolled
		Daily during discharge	Turbidity	36	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity		μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.0	рН	high groundwater
		Daily during discharge	Total Suspended Solids	30	mg/L	table dewatering of
		Daily during discharge	Turbidity	16	NTU	

		Dunmore Quarry	/ Environmental Monit	oring kep	ort	T
						Lower Dam is not
			January 2024			possible.
N. A. a. a. it a. a. i. a. a.		Daile design a dia da sua a	January 2024	ND	C./	No controlled
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	_
		Daily during discharge	pH	ND	pH "	_
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	401	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 30/1/2024 in
		Daily during discharge	pH	6.8	pH	response to
		Daily during discharge	Total Suspended Solids	17	mg/L	uncontrolled
		Daily during discharge	Turbidity	8.4	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	477	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.1	рН	high groundwater
		Daily during discharge	Total Suspended Solids	13	mg/L	table dewatering of Lower Dam is not
		Daily during discharge	Turbidity	9.4	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	500	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 29/1/2024 in
		Daily during discharge	рН	7.3	рН	response to
		Daily during discharge	Total Suspended Solids	28	mg/L	uncontrolled
		Daily during discharge	Turbidity	34	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	451	μS/cm	higher than average
Point 9	, ,	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.0	рН	high groundwater
		Daily during discharge	Total Suspended Solids	32	mg/L	table dewatering of
		Daily during discharge	Turbidity	16	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		Daily during discharge	rarbiaity	ND	1410	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND ND		1
Monitorina	06/03/24		·		NTU us/cm	Campling undertaken
Monitoring Point 7	00/03/24	Daily during discharge	Conductivity	516	μS/cm	Sampling undertaken on 28/1/2024 in
ruiit /		Daily during discharge	Oil and Grease	<0.1	mg/L	response to
		Daily during discharge	pH Total Suspended Solids	7.1	pH mg/l	uncontrolled
		Daily during discharge	Total Suspended Solids	27	mg/L	discharge. Due to
		Daily during discharge	Turbidity	31	NTU	uischarge. Due to

		Dunmore Quarry	Environmental Monit	oring Repo	ort	
Monitoring	06/03/24	Daily during discharge	Conductivity	456	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.0	рН	high groundwater
		Daily during discharge	Total Suspended Solids	21	mg/L	table dewatering of
		Daily during discharge	Turbidity	14	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	537	μS/cm	Sampling undertaken
Point 7	,,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/1/2024 in
		Daily during discharge	На	7.8	рH	response to
		Daily during discharge	Total Suspended Solids	118	mg/L	uncontrolled
		Daily during discharge	Turbidity	100	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	466	μS/cm	higher than average
Point 9	33, 33, 2 .	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.0	pH	high groundwater
		Daily during discharge	Total Suspended Solids	41	mg/L	table dewatering of
		Daily during discharge	Turbidity	24	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	-
		Daily daring discharge	Tarbiarcy	110	1110	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	anson ange minutes
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	-
Monitoring	06/03/24	Daily during discharge	Conductivity	539	μS/cm	Sampling undertaken
Point 7	00,00,2	Daily during discharge	Oil and Grease	<0.1	mg/L	on 26/1/2024 in
		Daily during discharge	pH	8.0	pH	response to
		Daily during discharge	Total Suspended Solids	63	mg/L	uncontrolled
		Daily during discharge	Turbidity	75	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	460	μS/cm	higher than average
Point 9	00,03,24	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
Tomes		Daily during discharge	pH	7.0	pH	high groundwater
		Daily during discharge	Total Suspended Solids	12	mg/L	table dewatering of
		Daily during discharge	Turbidity	8.9	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND ND		1
i Ollif 10		Daily during discharge Daily during discharge	pH	ND ND	mg/L	1
					pH mg/l	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	
Monitoria		Daily during disabaras	Conductivity	ND	115/2	No controlled
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	

Daily during discharge Torbidity State	Monitoring Point 7 Daily during discharge Daily during discharg				/ Environmental Monit		1	T
Monitoring Point 7	Monitoring Point 7 P			Daily during discharge	рН	ND	pН	-
Monitoring	Monitoring Point 7 Point 9 Point 9 Point 9 Point 9 Point 10 Poin				· · · · · · · · · · · · · · · · · · ·			_
Point 7	Point 7				· · · · · · · · · · · · · · · · · · ·			
Daily during discharge Daily during disc	Daily during discharge Daily during discha		06/03/24		•		1	
Daily during discharge Total Suspended Solids 45 mg/L		Point 7						
Daily during discharge Conductivity A49 μ5/cm Daily during discharge Conductivity ND μ5/cm Daily during discharge Daily durin	Daily during discharge Daily during disch			Daily during discharge	рН	7.4	рН	<u> </u>
Monitoring Point 9 Daily during discharge Turbidity	Monitoring Point 9 Daily during discharge Conductivity A449 μS/cm mg/L Daily during discharge Daily duri			Daily during discharge	Total Suspended Solids	45	mg/L	
Point 9 Daily during discharge Daily du	Point 9 Daily during discharge Oil and Grease O.1 mg/L Daily during discharge PH 7.0 PH 7.0 PH Daily during discharge Total Suspended Solids 1.4 mg/L Daily during discharge Total Suspended Solids 1.4 mg/L Daily during discharge Total Suspended Solids 1.4 mg/L Daily during discharge Conductivity ND µS/cm Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Total Suspended Solids 173 mg/L Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Da			Daily during discharge	Turbidity	60	NTU	_
Daily during discharge Daily during discha	Daily during discharge Daily during discha	Monitoring	06/03/24	Daily during discharge	Conductivity	449	μS/cm	_
Daily during discharge Total Suspended Solids 14 mg/L	Daily during discharge Total Suspended Solids 14 mg/L	Point 9		Daily during discharge			mg/L	•
Daily during discharge Turbidity ND IS/Cm Daily during discharge Daily during discha	Daily during discharge Turbidity S. 8 NTU Daily during discharge Turbidity ND JuS/cm Daily during discharge Turbidity ND JuS/cm Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids ND mg/L ND Daily during discharge Total Suspended Solids ND MTU NTU			Daily during discharge	pH	7.0	рН	
Monitoring Daily during discharge Conductivity ND µS/cm Daily during discharge Dai	Monitoring Daily during discharge Conductivity ND µS/cm Daily during discharge Conductivity ND µS/cm Daily during discharge Total Suspended Solids ND mg/L			Daily during discharge	Total Suspended Solids	14	mg/L	_
Point 10 Daily during discharge Daily dur	Daily during discharge Daily during discha			Daily during discharge	Turbidity	8.8	NTU	
Daily during discharge DH ND pH mg/L Daily during discharge Total Suspended Solids ND mg/L ND NTU	Daily during discharge Daily during discharge Turbidity ND NTU	Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Daily during discharge Total Suspended Solids ND mg/L	Daily during discharge Total Suspended Solids ND mg/L	Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
Daily during discharge	Daily during discharge Total Suspended Solids ND mg/L			Daily during discharge	рН	ND	рН	
Monitoring Point 6 Daily during discharge Conductivity ND NTU	Daily during discharge Turbidity ND NTU			Daily during discharge	Total Suspended Solids	ND		
Daily during discharge Conductivity ND µS/cm Daily during discharge Flow ND KL/day Daily during discharge Daily during discharge Plow ND MD MD Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Total Suspended Solids 173 mg/L Daily during discharge Turbidity ND MTU Monitoring Daily during discharge Daily during discharge Daily during discharge Daily during discharge Turbidity ND MTU M	Daily during discharge Conductivity ND µS/cm ND controlled			Daily during discharge		ND		
Point 6 Daily during discharge Flow ND KL/day Daily during discharge Turbidity ND NTU Daily during discharge Turbidity ND MTU Daily during discharge Daily during discharge Daily during discharge Turbidity ND NTU Daily during discharge Daily during discharge Turbidity ND NTU Daily during discharge Daily during discharge Turbidity ND MTU Daily during discharge	Point 6 Daily during discharge Flow ND KL/day Daily during discharge Oil and Grease ND mg/L Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Total Suspended Solids ND MTU NTU NTU Daily during discharge Turbidity ND NTU Daily during discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily during discharge				·	l.	JI.	•
Point 6 Daily during discharge Flow ND KL/day Daily during discharge Turbidity ND NTU Daily during discharge Turbidity ND MTU Daily during discharge Daily during discharge Daily during discharge Turbidity ND NTU Daily during discharge Daily during discharge Turbidity ND NTU Daily during discharge Daily during discharge Turbidity ND MTU Daily during discharge	Point 6 Daily during discharge Flow ND KL/day Daily during discharge Oil and Grease ND mg/L Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Total Suspended Solids ND MTU NTU NTU Daily during discharge Turbidity ND NTU Daily during discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily during discharge	Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Daily during discharge Dil and Grease ND mg/L	Daily during discharge Dil and Grease ND mg/L	_			· ·			
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Point 9 Daily during discharge	Point 9 Daily during discharge Total Suspended Solids Daily during discharge Turbidity Daily during discharge Daily during discharge Daily during discharge Daily during discharge Turbidity Daily during discharge			Daily during discharge	Turbidity	110	NTU	_
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Daily during discharge Total Suspended Solids 22 mg/L Daily during discharge Turbidity 9.2 NTU Lower Dam is not	Daily during discharge ph 7.7 ph table dewatering of Lower Dam is not possible	Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	
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	Daily during discharge Conductivity ND µS/cm possible.			Daily during discharge	Turbidity	9.2		
Daily during discharge Conductivity ND µS/cm possible.				Daily during discharge	Conductivity	ND	μS/cm	possible.

		Dunmore Quarry	Environmental Monit	oring kep	Ort	
Monitoring		Daily during discharge	Oil and Grease	ND	mg/L	
Point 10		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	530	μS/cm	Sampling undertaken
Point 8		Daily during discharge	Oil and Grease	<0.1	mg/L	on 22/1/2024 in
		Daily during discharge	pH	8.1	pH	response to
		Daily during discharge	Total Suspended Solids	91	mg/L	uncontrolled
		Daily during discharge	Turbidity	100	NTU	discharge. Due to
N.A. mita mina	06/03/24		<u>'</u>			higher than average
Monitoring Point 9	06/03/24	Daily during discharge	Conductivity	376	μS/cm	monthly rainfall and
Politi 9		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	pH	7.3	pН	table dewatering of
		Daily during discharge	Total Suspended Solids	32	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	14	NTU	possible.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	358	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/01/2024 in
		Daily during discharge	рН	7.3	рН	response to
		Daily during discharge	Total Suspended Solids	13	mg/L	uncontrolled
		Daily during discharge	Turbidity	4.5	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	432	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pН	7.1	рН	high groundwater table dewatering of
		Daily during discharge	Total Suspended Solids	31	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	11	NTU	possible.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	358	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 19/01/2024 in

Daily during discharge pH 7.0 pH	discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Daily during discharge Turbidity 5.9 NTU Monitoring Point 9 Daily during discharge Conductivity 424 μS/cr Daily during discharge Oil and Grease <0.1	discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Monitoring Point 9 06/03/24 Daily during discharge Conductivity ND μS/cr Daily during discharge Da	higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Point 9 Daily during discharge Oil and Grease <0.1	monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Daily during discharge pH 7.2 pH Daily during discharge Total Suspended Solids 21 mg/t Daily during discharge Turbidity 4.8 NTU Monitoring Point 10 Daily during discharge Conductivity ND μS/cr Daily during discharge Oil and Grease ND mg/t Daily during discharge pH ND pH	high groundwater table dewatering of Lower Dam is not possible.
Daily during discharge Total Suspended Solids 21 mg/ld Daily during discharge Turbidity 4.8 NTU Monitoring Point 10 Daily during discharge Conductivity ND μS/cr Daily during discharge Oil and Grease ND mg/ld Daily during discharge pH ND pH	table dewatering of Lower Dam is not possible.
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$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n possible.
Point 10 Daily during discharge Oil and Grease ND mg/l Daily during discharge pH ND pH	
Daily during discharge pH ND pH	-
Daily during discharge Turbidity ND NTU	
, , , , , , , , , , , , , , , , , , , ,	
Monitoring Daily during discharge Conductivity ND μS/cr	n No controlled
Point 6 Daily during discharge Flow ND KL/da	
Daily during discharge Oil and Grease ND mg/l	
Daily during discharge pH ND pH	·
Daily during discharge Total Suspended Solids ND mg/l	_
Daily during discharge Turbidity ND NTU	
Monitoring 06/03/24 Daily during discharge Conductivity * µS/cr	
Point 8 Daily during discharge Oil and Grease * mg/l	
Daily during discharge pH * pH	
Daily during discharge Total Suspended Solids * mg/l	
Daily during discharge Turbidity * NTU	
Monitoring 06/03/24 Daily during discharge Conductivity * µS/cr	
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Daily during discharge pri	
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Monitoring Daily during discharge Conductivity ND μS/cr	
Point 10 Daily during discharge Oil and Grease ND mg/l	<u>- </u>
Daily during discharge pH ND pH	
Daily during discharge Total Suspended Solids ND mg/l	-
Daily during discharge Turbidity ND NTU	
Monitoring Daily during discharge Conductivity ND μS/cr	
Point 6 Daily during discharge Flow ND KL/da	
Daily during discharge Oil and Grease ND mg/l	<u>- </u>
Daily during discharge pH ND pH	
Daily during discharge Total Suspended Solids ND mg/l	
Daily during discharge Turbidity ND NTU	
Monitoring 06/03/24 Daily during discharge Conductivity 398 μS/cr	
Point 7 Daily during discharge Oil and Grease <0.1 mg/l	
Daily during discharge pH 7.1 pH	response to
Daily during discharge Total Suspended Solids 21 mg/l	
Daily during discharge Turbidity 18 NTU	
Monitoring 06/03/24 Daily during discharge Conductivity 494 μS/cr	n higher than average
Point 9 Daily during discharge Oil and Grease <0.1 mg/l	monthly rainfall and
Daily during discharge pH 7.7 pH	high groundwater
Daily during discharge Total Suspended Solids 14 mg/l	table dewatering of
Daily during discharge Turbidity 7.8 NTU	Lower Dam is not
Monitoring Daily during discharge Conductivity ND μS/cr	nocciblo
Point 10 Daily during discharge Oil and Grease ND mg/l	
Daily during discharge pH ND pH	
Daily during discharge Total Suspended Solids ND mg/l	
Daily during discharge Turbidity ND NTU	

		<u>Dunm</u> ore Quarry	Environmental Monit	oring kept	ort	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	431	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 16/01/2024 in
		Daily during discharge	рН	7.1	рН	response to
		Daily during discharge	Total Suspended Solids	22	mg/L	uncontrolled
		Daily during discharge	Turbidity	18	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	417	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.2	рН	high groundwater
		Daily during discharge	Total Suspended Solids	8	mg/L	table dewatering of
		Daily during discharge	Turbidity	6.1	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		, , , , , , , , , , , , , , , , , , , ,	<u> </u>	<u> </u>		<u>I</u>
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	1
Monitoring	06/03/24	Daily during discharge	Conductivity	452	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 15/01/2024 in
		Daily during discharge	рН	7.3	pH	response to
		Daily during discharge	Total Suspended Solids	29	mg/L	uncontrolled
		Daily during discharge	Turbidity	35	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	409	μS/cm	higher than average
Point 9	· ·	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.2	рН	high groundwater
		Daily during discharge	Total Suspended Solids	10	mg/L	table dewatering of
		Daily during discharge	Turbidity	6.8	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	423	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 14/01/2024 in
		Daily during discharge	рН	7.2	рН	response to
		Daily during discharge	Total Suspended Solids	17	mg/L	uncontrolled
		Daily during discharge	Turbidity	14	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	413	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.1	pH	high groundwater
		, , , , , , , , , , , , , , , , , , , ,	1 •		L	L

		Dunmore Quarry	/ Environmental Monit	oring Rep	ort	
		Daily during discharge	Total Suspended Solids	12	mg/L	table dewatering of
		Daily during discharge	Turbidity	4.8	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	1
					•	1
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	405	μS/cm	Sampling undertaken
Point 7	, ,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 13/01/2024 in
		Daily during discharge	Н	7.0	pН	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled
		Daily during discharge	Turbidity	7.2	NTU	discharge. Due to
Monitoring	06/03/24	Daily during discharge	Conductivity	400	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.0	pH	high groundwater
		Daily during discharge	Total Suspended Solids	11	mg/L	table dewatering of
		Daily during discharge	Turbidity	7.2	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	1
		Daily during discharge	pH	ND	pH	1
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	1
		1 7 8 8	1		1	1
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	06/03/24	Daily during discharge	Conductivity	380	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 12/01/2024 in
		Daily during discharge	pH	7.1	pH	response to
		Daily during discharge	Total Suspended Solids	18	1	uncontrolled
					mg/L	discharge. Due to
	/ /	Daily during discharge	Turbidity	12	NTU	higher than average
Monitoring	06/03/24	Daily during discharge	Conductivity	398	μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	рH	7.0	рН	table dewatering of
		Daily during discharge	Total Suspended Solids	14	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	2.2	NTU	possible.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	1
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	1
		Daily during discharge	pH	ND	pН	1
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	1
*Awaiting lal	h results		•		•	•

Historical Results

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
			January 2024			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	05/02/24	Daily during discharge	Conductivity	392	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 11/1/2024 in
		Daily during discharge	рН	7.2	рН	response to
		Daily during discharge	Total Suspended Solids	25	mg/L	uncontrolled
		Daily during discharge	Turbidity	32	NTU	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Conductivity	375	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.2	рН	high groundwater
		Daily during discharge	Total Suspended Solids	12	mg/L	table dewatering of
		Daily during discharge	Turbidity	13	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	рН	1
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	-
		Daily during discharge	Turbiaity	ND	NIO	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
roint o		Daily during discharge	Oil and Grease	ND		uischarge mittateu
				1	mg/L	-
		Daily during discharge	pH	ND ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	_
N.A i	05 /02 /24	Daily during discharge	Turbidity	ND 442	NTU	Canadiaaaaaalaatalaaa
Monitoring	05/02/24	Daily during discharge	Conductivity	412	μS/cm	Sampling undertaken on 10/1/2024 in
Point 7		Daily during discharge	Oil and Grease	0.2	mg/L	
		Daily during discharge	pH	7.8	pH "	response to uncontrolled
		Daily during discharge	Total Suspended Solids	150	mg/L	
	/ /	Daily during discharge	Turbidity	98	NTU	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Conductivity	350	μS/cm	higher than average monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	0.1	mg/L	high groundwater
		Daily during discharge	рН	7.2	рН	table dewatering of
		Daily during discharge	Total Suspended Solids	19	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	5.8	NTU	possible.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			·			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	1
Monitoring	05/02/24	Daily during discharge	Conductivity	370	μS/cm	Sampling undertaken
Point 7	, ,	Daily during discharge	Oil and Grease	0.2	mg/L	on 9/1/2024 in
		Daily during discharge	рН	6.9	pH	response to
		Daily during discharge	Total Suspended Solids	151	mg/L	uncontrolled

1			Turbidity			discharge Due to
Monitoring	05/02/24	Daily during discharge Daily during discharge	Turbidity Conductivity	87 368	NTU μS/cm	discharge. Due to higher than average
Point 9	05/02/24		Oil and Grease	0.2	1	monthly rainfall and
Politi 9		Daily during discharge		6.9	mg/L	high groundwater
		Daily during discharge	pH Total Suspended Solids		pH mg/l	table dewatering of
		Daily during discharge	•	19	mg/L	Lower Dam is not
N.A. suita sina		Daily during discharge	Turbidity	4.3	NTU	possible.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	_
		Daily during discharge	pH	ND	pH	_
		Daily during discharge	Total Suspended Solids	ND	mg/L	_
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	1
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	_
Monitoring	05/02/24	Daily during discharge	Conductivity	424	μS/cm	Sampling undertaken
Point 7	03/02/24	Daily during discharge	Oil and Grease	0.1	mg/L	on 8/1/2024 in
7 01116 7		Daily during discharge	pH	7.4	pH	response to
		Daily during discharge	Total Suspended Solids	151	mg/L	uncontrolled
		Daily during discharge	Turbidity	89	NTU	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Conductivity	376	μS/cm	higher than average
Point 9	03/02/24	Daily during discharge	Oil and Grease	0.2	1	monthly rainfall and
Point 9			pH	6.9	mg/L	high groundwater
		Daily during discharge			pH	table dewatering of
		Daily during discharge	Total Suspended Solids	19	mg/L	Lower Dam is not
N.A. mita mina		Daily during discharge	Turbidity	5	NTU	possible.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	-
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	_
		Daily during discharge	pH	ND	pН	_
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	disentinge initiated
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	1
Monitoring	05/02/24	Daily during discharge	Conductivity	371	μS/cm	Sampling undertaken
Point 7	03/02/24	Daily during discharge	Oil and Grease	0.1	mg/L	on 7/1/2024 in
7 01116 7		Daily during discharge	pH	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	149	mg/L	uncontrolled
		Daily during discharge	Turbidity	110	NTU	discharge. Due to
Monitoring	05/02/24		· · · · · · · · · · · · · · · · · · ·		1	higher than average
Monitoring Point 9	05/02/24	Daily during discharge	Conductivity	366	μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	0.2	mg/L	high groundwater
		Daily during discharge	pH	6.8	pH	table dewatering of
		Daily during discharge	Total Suspended Solids	21	mg/L	Lower Dam is not
Monitoria		Daily during discharge	Turbidity	4.3	NTU us/sm	possible.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	·
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	4
		Daily during discharge	pH	ND	pH	4
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	us/cm	No controlled
Monitoring Point 6		Daily during discharge	Conductivity		μS/cm	
FUIIL 0		Daily during discharge	Flow	ND	KL/day	discharge initiated

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		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	05/02/24	Daily during discharge	Conductivity	149	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 4/1/2024 in
		Daily during discharge	рН	6.7	рН	response to
		Daily during discharge	Total Suspended Solids	86	mg/L	uncontrolled
		Daily during discharge	Turbidity	97	NTU	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Conductivity	170	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	6.5	pН	high groundwater
		Daily during discharge	Total Suspended Solids	18	mg/L	table dewatering of
		Daily during discharge	Turbidity	10	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	-
1 01110 10		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND		-
			Turbidity	ND	mg/L NTU	-
		Daily during discharge	Γαιριαιτή	ND	NIU	
Monitoring		Daily during discharge	Conductivity	ND	us/sm	No controlled
Monitoring		Daily during discharge	•		μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	_
	1 1	Daily during discharge	Turbidity	ND	NTU	
Monitoring	05/02/24	Daily during discharge	Conductivity	147	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 3/1/2024 in
		Daily during discharge	рН	6.7	рН	response to
		Daily during discharge	Total Suspended Solids	80	mg/L	uncontrolled
		Daily during discharge	Turbidity	95	NTU	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Conductivity	174	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	6.5	рН	high groundwater
		Daily during discharge	Total Suspended Solids	10	mg/L	table dewatering of
		Daily during discharge	Turbidity	9.9	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	1
		Daily during discharge	pH	ND	pH	1
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	-
Monitoring	05/02/24	Daily during discharge	Conductivity	431	μS/cm	Sampling undertaken
Point 7	03/02/24	Daily during discharge	Oil and Grease	0.1		on 2/1/2024 in
. 5		Daily during discharge Daily during discharge	pH	8.1	mg/L	response to
			Total Suspended Solids		pH mg/l	uncontrolled
		Daily during discharge	•	86	mg/L	discharge. Due to
Maxita	05/02/24	Daily during discharge	Turbidity	28	NTU	higher than average
Monitoring	05/02/24	Daily during discharge	Conductivity	343	μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	0.2	mg/L	high groundwater
		Daily during discharge	pH	7.4	pH	table dewatering of
		Daily during discharge	Total Suspended Solids	60	mg/L	
		Daily during discharge	Turbidity	1.3	NTU	

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Monitoring		Daily during discharge	Conductivity	ND	μS/cm	Lower Dam is not
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	possible.
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
				,		
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	05/02/24	Daily during discharge	Conductivity	355	μS/cm	Sampling undertaken
Point 8		Daily during discharge	Oil and Grease	0.1	mg/L	on 1/1/2024 in
		Daily during discharge	pН	7.5	рН	response to
		Daily during discharge	Total Suspended Solids	147	mg/L	uncontrolled
		Daily during discharge	Turbidity	120	NTU	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Conductivity	321	μS/cm	higher than average monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	0.4	mg/L	high groundwater
		Daily during discharge	pH	6.9	pH	table dewatering of
		Daily during discharge	Total Suspended Solids	22	mg/L	Lower Dam is not
			·			possible.
N 4 = i+ =i =		Daily during discharge	Turbidity	3.2	NTU	-
Monitoring Point 10		Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	_
		Daily during discharge	pH	ND	pH	_
		Daily during discharge	Total Suspended Solids	ND	mg/L	
	Date	Daily during discharge	Turbidity	ND Measure	NTU	Comment
Location	Date	Adamia - Formania		ivieasure		Comment
	Received	Monitoring Frequency	Pollutant	ment	Unit	
	Received	Wonitoring Frequency		ment	Unit	
	Received		December 2023			No controlled
Monitoring Point 6	Received	Daily during discharge	December 2023 Conductivity	Ment ND ND	μS/cm	No controlled discharge initiated
Monitoring	Received	Daily during discharge Daily during discharge	December 2023 Conductivity Flow	ND	μS/cm KL/day	No controlled discharge initiated
Monitoring	Received	Daily during discharge Daily during discharge Daily during discharge	December 2023 Conductivity Flow Oil and Grease	ND ND ND	μS/cm KL/day mg/L	
Monitoring	Received	Daily during discharge Daily during discharge Daily during discharge Daily during discharge	December 2023 Conductivity Flow	ND ND	μS/cm KL/day mg/L pH	
Monitoring	Received	Daily during discharge Daily during discharge Daily during discharge	December 2023 Conductivity Flow Oil and Grease pH	ND ND ND	μS/cm KL/day mg/L	
Monitoring Point 6	Received 05/02/24	Daily during discharge	December 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids	ND ND ND ND	μS/cm KL/day mg/L pH mg/L	discharge initiated
Monitoring		Daily during discharge	December 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity	ND ND ND ND ND	μS/cm KL/day mg/L pH mg/L NTU	discharge initiated
Monitoring Point 6 Monitoring		Daily during discharge	December 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity	ND ND ND ND ND ND ND ND 263	μS/cm KL/day mg/L pH mg/L NTU μS/cm	discharge initiated Sampling undertaker
Monitoring Point 6 Monitoring		Daily during discharge	December 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND ND ND ND ND ND ND 263 <0.1	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L	Sampling undertaker on 31/12/2023 in response to uncontrolled
Monitoring Point 6 Monitoring		Daily during discharge	December 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH	ND ND ND ND ND ND 263 <0.1	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH	Sampling undertaken on 31/12/2023 in response to uncontrolled discharge. Due to
Monitoring Point 6 Monitoring Point 7		Daily during discharge	December 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids	ND ND ND ND ND ND 263 <0.1 7.2	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L	Sampling undertaker on 31/12/2023 in response to uncontrolled discharge. Due to higher than average
Monitoring Point 6 Monitoring	05/02/24	Daily during discharge	December 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Turbidity	ND ND ND ND ND ND 263 <0.1 7.2 78	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU	Sampling undertaker on 31/12/2023 in response to uncontrolled discharge. Due to higher than average monthly rainfall and
Monitoring Point 6 Monitoring Point 7 Monitoring	05/02/24	Daily during discharge	December 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity	ND ND ND ND ND ND 100 ND ND 100 ND 100 ND 100 100 100 100 100 100 100 100 100 10	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm	Sampling undertaken on 31/12/2023 in response to uncontrolled discharge. Due to higher than average monthly rainfall and high groundwater
Monitoring Point 6 Monitoring Point 7 Monitoring	05/02/24	Daily during discharge	December 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND ND ND ND ND ND 263 <0.1 7.2 78 95 296 <0.1	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm	Sampling undertaker on 31/12/2023 in response to uncontrolled discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of
Monitoring Point 6 Monitoring Point 7 Monitoring	05/02/24	Daily during discharge	December 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH	ND ND ND ND ND ND 263 <0.1 7.2 78 95 296 <0.1 6.9	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm	Sampling undertaker on 31/12/2023 in response to uncontrolled discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not
Monitoring Point 6 Monitoring Point 7 Monitoring Point 9 Monitoring	05/02/24	Daily during discharge	December 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids	ND ND ND ND ND ND 263 <0.1 7.2 78 95 296 <0.1 6.9	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU pH mg/L NTU pH mg/L NTU pH mg/L NTU pH mg/L	Sampling undertaken on 31/12/2023 in response to uncontrolled discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of
Monitoring Point 6 Monitoring Point 7 Monitoring Point 9 Monitoring	05/02/24	Daily during discharge	December 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity	ND ND ND ND ND ND 263 <0.1 7.2 78 95 296 <0.1 6.9 25 6.5	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm	Sampling undertaker on 31/12/2023 in response to uncontrolled discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not
Monitoring Point 6 Monitoring Point 7 Monitoring Point 9 Monitoring	05/02/24	Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND ND ND ND ND ND 263 <0.1 7.2 78 95 296 <0.1 6.9 25 6.5 ND	μS/cm KL/day mg/L pH mg/L NTU μS/cm	Sampling undertaken on 31/12/2023 in response to uncontrolled discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not
Monitoring Point 6 Monitoring Point 7 Monitoring Point 9 Monitoring	05/02/24	Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND ND ND ND ND ND 263 <0.1 7.2 78 95 296 <0.1 6.9 25 6.5 ND ND	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm	Sampling undertaker on 31/12/2023 in response to uncontrolled discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not
Monitoring Point 6 Monitoring Point 7 Monitoring Point 9 Monitoring	05/02/24	Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND ND ND ND ND ND 263 <0.1 7.2 78 95 296 <0.1 6.9 25 6.5 ND ND ND	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L PH mg/L NTU μS/cm mg/L NTU μS/cm mg/L pH mg/L pH mg/L pH mg/L pH mg/L NTU pH mg/L NTU pH mg/L NTU pH mg/L NTU	Sampling undertaker on 31/12/2023 in response to uncontrolled discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not
Monitoring Point 6 Monitoring Point 7 Monitoring Point 9 Monitoring Point 10	05/02/24	Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity	ND ND ND ND ND ND 263 <0.1 7.2 78 95 296 <0.1 6.9 25 6.5 ND ND ND ND ND ND ND ND	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm	Sampling undertaker on 31/12/2023 in response to uncontrolled discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Monitoring Point 6 Monitoring Point 7 Monitoring Point 9 Monitoring Point 10 Monitoring	05/02/24	Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity	ND ND ND ND ND ND 263 <0.1 7.2 78 95 296 <0.1 6.9 25 6.5 ND	μS/cm KL/day mg/L pH mg/L NTU μS/cm	Sampling undertaker on 31/12/2023 in response to uncontrolled discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible. No controlled
Monitoring Point 6 Monitoring Point 7 Monitoring	05/02/24	Daily during discharge	December 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Conductivity Conductivity Flow	ND ND ND ND ND ND ND 263 <0.1 7.2 78 95 296 <0.1 6.9 25 6.5 ND	μS/cm KL/day mg/L pH mg/L NTU μS/cm KL/day	Sampling undertaken on 31/12/2023 in response to uncontrolled discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Monitoring Point 6 Monitoring Point 7 Monitoring Point 9 Monitoring Point 10 Monitoring	05/02/24	Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity	ND ND ND ND ND ND ND ND 263 <0.1 7.2 78 95 296 <0.1 6.9 25 6.5 ND	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L PH mg/L NTU μS/cm mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L pH mg/L NTU	Sampling undertaken on 31/12/2023 in response to uncontrolled discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible. No controlled
Monitoring Point 7 Monitoring Point 7 Monitoring Point 9 Monitoring Point 10	05/02/24	Daily during discharge	December 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Conductivity Conductivity Flow	ND ND ND ND ND ND ND 263 <0.1 7.2 78 95 296 <0.1 6.9 25 6.5 ND	μS/cm KL/day mg/L pH mg/L NTU μS/cm KL/day	Sampling undertaken on 31/12/2023 in response to uncontrolled discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.

		Dunmore Quarry	<u>Environmental Monit</u>	oring kept		
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	05/02/24	Daily during discharge	Conductivity	359	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.1	mg/L	on 30/12/2023 in
		Daily during discharge	рН	7.9	рН	response to
		Daily during discharge	Total Suspended Solids	120	mg/L	uncontrolled
		Daily during discharge	Turbidity	170	NTU	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Conductivity	276	μS/cm	higher than average
Point 9	, ,	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	6.7	pН	high groundwater
		Daily during discharge	Total Suspended Solids	23	mg/L	table dewatering of
		Daily during discharge	Turbidity	5.2	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
1 01110 10		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND		
			Turbidity		mg/L	
		Daily during discharge	Turbiaity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND ND	μs/cm KL/day	discharge initiated
i dilit d		Daily during discharge	Oil and Grease			uischarge miliateu
		Daily during discharge		ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
	/ /- :	Daily during discharge	Turbidity	ND	NTU	
Monitoring	05/02/24	Daily during discharge	Conductivity	372	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.6	mg/L	on 29/12/2023 in
		Daily during discharge	pH	7.8	рН	response to
		Daily during discharge	Total Suspended Solids	144	mg/L	uncontrolled
		Daily during discharge	Turbidity	23	NTU	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Conductivity	255	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	0.2	mg/L	monthly rainfall and
		Daily during discharge	рH	6.9	pН	high groundwater
		Daily during discharge	Total Suspended Solids	25	mg/L	table dewatering of
		Daily during discharge	Turbidity	10	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			•			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	05/02/24	Daily during discharge	Conductivity	247	μS/cm	Sampling undertaken
Point 7	,	Daily during discharge	Oil and Grease	1.4	mg/L	on 28/12/2023 in
		Daily during discharge	рН	7.9	pН	response to
		Daily during discharge	Total Suspended Solids	43	mg/L	uncontrolled
		Daily during discharge	Turbidity	45	NTU	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Conductivity	231	μS/cm	higher than average
Point 9	. ,	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	6.9	pH	high groundwater
		Daily during discharge	Total Suspended Solids	22	mg/L	table dewatering of
		Daily during discharge	Turbidity	12	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	1
		Daily during discharge	pH	ND	pH	1
		,	F * ' '			1

		Dunmore Quarry	Environmental Monit	oring Repo	ort	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		, ,	,			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	ansonar Be minated
		Daily during discharge	pH	ND ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
	05/02/04	Daily during discharge	Turbidity	ND	NTU	
Monitoring	05/02/24	Daily during discharge	Conductivity	234	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.3	mg/L	on 27/12/2023 in
		Daily during discharge	pH	7.1	pН	response to
		Daily during discharge	Total Suspended Solids	29	mg/L	uncontrolled
		Daily during discharge	Turbidity	29	NTU	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Conductivity	114	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	1.9	mg/L	monthly rainfall and
		Daily during discharge	рH	6.8	рН	high groundwater
		Daily during discharge	Total Suspended Solids	28	mg/L	table dewatering of
		Daily during discharge	Turbidity	6.5	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Į		Daily during discharge	Tarbiancy	110	1110	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
Tomico		Daily during discharge	Oil and Grease	ND ND	mg/L	discharge initiated
			pH	ND ND		
		Daily during discharge	•		pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
N 4 1 1	05 (02 (2 4	Daily during discharge	Turbidity	ND 476	NTU	C !: I ! !
Monitoring	05/02/24	Daily during discharge	Conductivity	176	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 26/12/2023 in
		Daily during discharge	pH	7.7	pН	response to
		Daily during discharge	Total Suspended Solids	30	mg/L	uncontrolled
		Daily during discharge	Turbidity	25	NTU	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Conductivity	215	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.2	pН	high groundwater
		Daily during discharge	Total Suspended Solids	18	mg/L	table dewatering of
		Daily during discharge	Turbidity	13	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		, ,	,	l .	l .	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	1
		Daily during discharge	рН	ND	pH	1
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND ND	NTU	1
Monitoring	05/02/24	Daily during discharge	Conductivity	258	μS/cm	Sampling undertaken
Point 7	03/02/24		·			on 25/12/2023 in
FUIIIL /		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	pH	7.7	pH	response to uncontrolled
		Daily during discharge	Total Suspended Solids	22	mg/L	
		Daily during discharge	Turbidity	8.8	NTU	discharge. Due to

		Dunmore Quarry	Environmental Monit	oring Repo	ort	
Monitoring	05/02/24	Daily during discharge	Conductivity	326	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	6.8	рН	high groundwater
		Daily during discharge	Total Suspended Solids	18	mg/L	table dewatering of
		Daily during discharge	Turbidity	10	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND ND	μ3/cm KL/day	discharge initiated
1 Onite o		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	05/02/24	Daily during discharge	Conductivity	390	μS/cm	Sampling undertaken
Point 7	03/02/24	Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/12/2023 in
1 Onic 7		Daily during discharge	pH	7.7	pH	response to
		Daily during discharge	Total Suspended Solids	39	mg/L	uncontrolled
		Daily during discharge	Turbidity	55	NTU	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Conductivity	330	μS/cm	higher than average
Point 9	03/02/24	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
Tomes		Daily during discharge	pH	7.2	pH	high groundwater
		Daily during discharge	Total Suspended Solids	44	mg/L	table dewatering of
		Daily during discharge	Turbidity	30	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
. 6 16		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		0 1 1 0 1				
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	507	μS/cm	Monthly monitoring
Point 8		Daily during discharge	Oil and Grease	<0.1	mg/L	14/12/23
		Daily during discharge	рН	8.1	рН	
		Daily during discharge	Total Suspended Solids	132	mg/L	
		Daily during discharge	Turbidity	180	NTU	
Monitoring		Daily during discharge	Conductivity	455	μS/cm	
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	7.1	рН	
		Daily during discharge	Total Suspended Solids	23	mg/L	
		Daily during discharge	Turbidity	11	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	I

	Date		Environmental Monit	Measure	71 C	Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	Comment
			December 2023			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	08/01/24	Daily during discharge	Conductivity	381	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	1.0	mg/L	on 6/12/2023 in
		Daily during discharge	рН	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled
		Daily during discharge	Turbidity	4.8	NTU	discharge. Due to
Monitoring	08/01/24	Daily during discharge	Conductivity	423	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	1.3	mg/L	monthly rainfall and
		Daily during discharge	pH	7.5	рН	high groundwater
		Daily during discharge	Total Suspended Solids	5.0	mg/L	table dewatering of
		Daily during discharge	Turbidity	9.0	NTU	Lower Dam is not
Monitoring	08/01/24	Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			·			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	08/01/24	Daily during discharge	Conductivity	401	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 5/12/2023 in
		Daily during discharge	рН	7.4	рН	response to
		Daily during discharge	Total Suspended Solids	21	mg/L	uncontrolled
		Daily during discharge	Turbidity	28	NTU	discharge. Due to
Monitoring	08/01/24	Daily during discharge	Conductivity	407	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.4	рН	high groundwater
		Daily during discharge	Total Suspended Solids	10	mg/L	table dewatering of
		Daily during discharge	Turbidity	5.6	NTU	Lower Dam is not
Monitoring	08/01/24	Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		T	T	1		T
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	08/01/24	Daily during discharge	Conductivity	369	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	1.4	mg/L	on 4/12/2023 in
		Daily during discharge	pH	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled
		Daily during discharge	Turbidity	5.4	NTU	discharge. Due to

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring	08/01/24	Daily during discharge	Conductivity	421	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	1.6	mg/L	monthly rainfall and
		Daily during discharge	рН	7.8	рН	high groundwater
		Daily during discharge	Total Suspended Solids	4.0	mg/L	table dewatering of
		Daily during discharge	Turbidity	3.0	NTU	Lower Dam is not
Monitoring	08/01/24	Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
Tomeo		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	-
Monitoring	08/01/24	Daily during discharge	Conductivity	362	μS/cm	Sampling undertaken
Point 7	08/01/24	Daily during discharge	Oil and Grease	1.0	mg/L	on 3/12/2023 in
FOIIIC /		Daily during discharge	pH	8.1	_	response to
		Daily during discharge	Total Suspended Solids	17	pH mg/l	uncontrolled
			Turbidity	32	mg/L NTU	discharge. Due to
Manitarina	08/01/24	Daily during discharge				higher than average
Monitoring Point 9	08/01/24	Daily during discharge	Conductivity	430	μS/cm	monthly rainfall and
Politi 9		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	pH	7.8	pH	table dewatering of
		Daily during discharge	Total Suspended Solids	8.0	mg/L	Lower Dam is not
	00/04/04	Daily during discharge	Turbidity	7.7	NTU	possible.
Monitoring	08/01/24	Daily during discharge	Conductivity	ND	μS/cm	P = = = = = = = = = = = = = = = = = = =
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pH	_
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	08/01/24	Daily during discharge	Conductivity	348	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	1.6	mg/L	on 2/12/2023 in
		Daily during discharge	рН	7.5	pН	response to
		Daily during discharge	Total Suspended Solids	2.0	mg/L	uncontrolled
		Daily during discharge	Turbidity	4.9	NTU	discharge. Due to
Monitoring	08/01/24	Daily during discharge	Conductivity	308	μS/cm	higher than average
Point 9	,	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.9	pH	high groundwater
		Daily during discharge	Total Suspended Solids	12	mg/L	table dewatering of
		Daily during discharge	Turbidity	11	NTU	Lower Dam is not
Monitoring	08/01/24	Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10	00/01/24	Daily during discharge	Oil and Grease	ND ND	mg/L	1
. OIIIL IU		Daily during discharge		ND ND		1
			pH Total Suspended Solids		pH mg/l	-
		Daily during discharge		ND ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	<u> </u>
		Daily during discharge	Conductivity	ND	μS/cm	

		Duffillore Quarry	Environmental Monit		Лι	1
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Flow	ND	KL/day	No controlled
Point 6		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	339	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 01/12/2023 in
		Daily during discharge	рН	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	56	mg/L	uncontrolled
		Daily during discharge	Turbidity	19	NTU	discharge. Due to
Monitoring		Daily during discharge	Conductivity	328	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	0.2	mg/L	monthly rainfall and
		Daily during discharge	рН	6	рН	high groundwater
		Daily during discharge	Total Suspended Solids	16	mg/L	table dewatering of
		Daily during discharge	Turbidity	12	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			November 2023			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	310	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 30/11/2023 in
		Daily during discharge	рН	7.1	pН	response to
		Daily during discharge	Total Suspended Solids	24	mg/L	uncontrolled
		Daily during discharge	Turbidity	13	NTU	discharge. Due to
Monitoring		Daily during discharge	Conductivity	295	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	6.8	pН	high groundwater
		Daily during discharge	Total Suspended Solids	32	mg/L	table dewatering of
		Daily during discharge	Turbidity	19	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
l		, , ,	,			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	1
		Daily during discharge	pH	ND	pH	1
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	1
Monitoring		Daily during discharge	Conductivity	338	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.1	mg/L	on 29/11/2023 in
/ 5		Daily during discharge	pH	8.0	pH	response to
		Daily during discharge	Total Suspended Solids	62	mg/L	uncontrolled
		Daily during discharge	Turbidity	15	NTU	discharge. Due to
Monitoring		Daily during discharge	Conductivity	269	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	0.2		monthly rainfall and
r Unit 3		Daily during discharge	On and drease	0.2	mg/L	,

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
	110001100	Daily during discharge	pH	6.5	pН	high groundwater
		Daily during discharge	Total Suspended Solids	33	mg/L	table dewatering of
		Daily during discharge	Turbidity	4.0	NTU	Lower Dam is not
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	1
		Daily during discharge	рH	ND	pН	1
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	1
•		, , ,	,	l .		
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рH	ND	pН	1
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	-
Monitoring		Daily during discharge	Conductivity	443	μS/cm	Monthly monitoring
Point 8		Daily during discharge	Oil and Grease	<0.1	mg/L	16/11/23
		Daily during discharge	pH	8.1	pН	, ,
		Daily during discharge	Total Suspended Solids	168	mg/L	-
		Daily during discharge	Turbidity	210	NTU	-
Monitoring		Daily during discharge	Conductivity	520	μS/cm	-
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	-
		Daily during discharge	pH	6.6	pH	1
		Daily during discharge	Total Suspended Solids	22	mg/L	1
		Daily during discharge	Turbidity	9.4	NTU	1
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	1
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	-
1 01110 20		Daily during discharge	pH	ND	pH	-
			'	ND		-
		Daily during discharge	i Total Suspended Solids		111971	
		Daily during discharge	Total Suspended Solids Turbidity		mg/L NTU	-
		Daily during discharge Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Turbidity October 2023	ND	NTU	No controlled
Monitoring Point 6		Daily during discharge Daily during discharge	Turbidity October 2023 Conductivity	ND ND	NTU μS/cm	No controlled
Monitoring Point 6		Daily during discharge Daily during discharge Daily during discharge	Turbidity October 2023 Conductivity Flow	ND ND ND	NTU μS/cm KL/day	No controlled discharge initiated
- 1		Daily during discharge Daily during discharge Daily during discharge Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease	ND ND ND	NTU μS/cm KL/day mg/L	
- 1		Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH	ND ND ND ND	NTU μS/cm KL/day mg/L pH	
- 1		Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids	ND ND ND ND ND ND ND	NTU μS/cm KL/day mg/L pH mg/L	
Point 6	6/12/23	Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity	ND	NTU μS/cm KL/day mg/L pH mg/L NTU	discharge initiated
Point 6 Monitoring	6/12/23	Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity	ND ND ND ND ND ND ND ND A447	NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm	discharge initiated Monthly monitoring
Point 6	6/12/23	Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND ND ND ND ND ND ND A447 0.5	NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L	discharge initiated
Point 6 Monitoring	6/12/23	Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH	ND 8447 0.5 8.1	NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH	discharge initiated Monthly monitoring
Point 6 Monitoring	6/12/23	Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids	ND ND ND ND ND ND ND ND 2447 0.5 8.1 213	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L	discharge initiated Monthly monitoring
Monitoring Point 8		Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Turbidity Turbidity Total Suspended Solids Turbidity	ND ND ND ND ND ND A447 0.5 8.1 213 240	NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU NTU	discharge initiated Monthly monitoring
Point 6 Monitoring Point 8 Monitoring	6/12/23	Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity	ND ND ND ND ND ND ND 2447 0.5 8.1 213 240 849	NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm	discharge initiated Monthly monitoring
Monitoring Point 8		Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND ND ND ND ND ND ND 2447 0.5 8.1 213 240 849 0.7	NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm mg/L NTU	discharge initiated Monthly monitoring
Point 6 Monitoring Point 8 Monitoring		Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH	ND ND ND ND ND ND ND 447 0.5 8.1 213 240 849 0.7 7.0	NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm pH mg/L NTU μS/cm	discharge initiated Monthly monitoring
Point 6 Monitoring Point 8 Monitoring		Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids	ND ND ND ND ND ND ND 447 0.5 8.1 213 240 849 0.7 7.0 163	NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm pH mg/L NTU μS/cm	discharge initiated Monthly monitoring
Monitoring Point 8 Monitoring Point 9	6/12/23	Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Turbidity Total Suspended Solids Turbidity	ND ND ND ND ND ND ND ND 447 0.5 8.1 213 240 849 0.7 7.0 163 65	NTU µS/cm KL/day mg/L pH mg/L NTU µS/cm	discharge initiated Monthly monitoring
Point 6 Monitoring Point 8 Monitoring Point 9 Monitoring		Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity	ND ND ND ND ND ND ND ND 447 0.5 8.1 213 240 849 0.7 7.0 163 65 ND	NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L PH mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm	discharge initiated Monthly monitoring
Point 6 Monitoring Point 8 Monitoring Point 9	6/12/23	Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND ND ND ND ND ND ND ND 447 0.5 8.1 213 240 849 0.7 7.0 163 65 ND ND	NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L PH mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm mg/L	discharge initiated Monthly monitoring
Point 6 Monitoring Point 8 Monitoring Point 9 Monitoring	6/12/23	Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND ND ND ND ND ND ND A47 0.5 8.1 213 240 849 0.7 7.0 163 65 ND ND ND	NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L pH mg/L pH mg/L pH mg/L NTU μS/cm	discharge initiated Monthly monitoring
Point 6 Monitoring Point 8 Monitoring Point 9 Monitoring	6/12/23	Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids	ND ND ND ND ND ND ND ND A447 0.5 8.1 213 240 849 0.7 7.0 163 65 ND ND ND ND ND ND	NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L PH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm mg/L NTU μS/cm	discharge initiated Monthly monitoring
Point 6 Monitoring Point 8 Monitoring Point 9 Monitoring	6/12/23	Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity	ND ND ND ND ND ND ND A47 0.5 8.1 213 240 849 0.7 7.0 163 65 ND ND ND	NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L pH mg/L pH mg/L pH mg/L NTU μS/cm	discharge initiated Monthly monitoring
Point 6 Monitoring Point 8 Monitoring Point 9 Monitoring Point 10	6/12/23	Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity September 2023	ND ND ND ND ND ND ND ND ND A47 0.5 8.1 213 240 849 0.7 7.0 163 65 ND	NTU	Monthly monitoring 26/10/23
Point 6 Monitoring Point 8 Monitoring Point 9 Monitoring Point 10	6/12/23	Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity September 2023 Conductivity	ND ND ND ND ND ND ND ND A47 0.5 8.1 213 240 849 0.7 7.0 163 65 ND	NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L NTU μS/cm	Monthly monitoring 26/10/23 No controlled
Point 6 Monitoring Point 8 Monitoring Point 9 Monitoring Point 10	6/12/23	Daily during discharge	Turbidity October 2023 Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity September 2023	ND ND ND ND ND ND ND ND ND A47 0.5 8.1 213 240 849 0.7 7.0 163 65 ND	NTU	Monthly monitoring 26/10/23

Location	Date	Monitoring Frequency	Pollutant	Measure	Unit	Comment
Location	Received			ment		
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/11/23	Daily during discharge	Conductivity	484	μS/cm	Monthly monitoring
Point 8		Daily during discharge	Oil and Grease	0.8	mg/L	21/09/23
		Daily during discharge	pH	7.9	pН	
		Daily during discharge	Total Suspended Solids	177	mg/L	
		Daily during discharge	Turbidity	270	NTU	
Monitoring	10/11/23	Daily during discharge	Conductivity	852	μS/cm	
Point 9		Daily during discharge	Oil and Grease	0.8	mg/L	
		Daily during discharge	pH	6.8	pН	
		Daily during discharge	Total Suspended Solids	36	mg/L	
		Daily during discharge	Turbidity	509	NTU	
Monitoring	10/11/23	Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		1	August 2023	1		ı
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	29/09/23	Daily during discharge	Conductivity	509	μS/cm	Monthly monitoring
Point 8		Daily during discharge	Oil and Grease	0.3	mg/L	23/08/23
		Daily during discharge	pH	8.0	рН	
		Daily during discharge	Total Suspended Solids	189	mg/L	
		Daily during discharge	Turbidity	230	NTU	
Monitoring	29/09/23	Daily during discharge	Conductivity	562	μS/cm	
Point 9		Daily during discharge	Oil and Grease	0.2	mg/L	
		Daily during discharge	pH	7.0	рН	
		Daily during discharge	Total Suspended Solids	72	mg/L	
		Daily during discharge	Turbidity	50	NTU	
Monitoring	29/09/23	Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			July 2023	•		
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	1/08/23	Daily during discharge	Conductivity	563	μS/cm	Monthly monitoring
Point 8		Daily during discharge	Oil and Grease	<0.1	mg/L	20/07/23
		Daily during discharge	рН	8.1	рН	
		Daily during discharge	Total Suspended Solids	81	mg/L	
		Daily during discharge	Turbidity	120	NTU	
Monitoring	1/08/23	Daily during discharge	Conductivity	534	μS/cm	
Point 9	•	Daily during discharge	Oil and Grease	<0.1	mg/L	1
		Daily during discharge	рН	6.6	pН	1
		Daily during discharge	Total Suspended Solids	45	mg/L	1

LocationDate ReceivedMonitoring FrequencyPollutantMeasure mentUnitMonitoring Point 10Daily during dischargeTurbidity55NTUMonitoring Point 101/08/23Daily during dischargeConductivityNDμS/cmDaily during dischargeOil and GreaseNDmg/LDaily during dischargeDaily during dischargePHNDpH	C
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Comment
Point 10 Daily during discharge Oil and Grease ND mg/L	
3,	
Daily during discharge pH ND pH	
Daily during discharge Total Suspended Solids ND mg/L	
Daily during discharge Turbidity ND NTU	
June 2023	
Monitoring Daily during discharge Conductivity ND μS/cm	No controlled
Point 6 Daily during discharge Flow ND KL/day	discharge initiated
Daily during discharge Oil and Grease ND mg/L	
Daily during discharge pH ND pH	
Daily during discharge Total Suspended Solids ND mg/L	
Daily during discharge Turbidity ND NTU	
Monitoring 5/07/23 Daily during discharge Conductivity 517 μS/cm	Monthly monitoring
Point 8 Daily during discharge Oil and Grease <0.1 mg/L	22/06/23
Daily during discharge pH 8.2 pH	
Daily during discharge Total Suspended Solids 81 mg/L	
Daily during discharge Turbidity 100 NTU	
Monitoring 5/07/23 Daily during discharge Conductivity 498 μS/cm	
Point 9 Daily during discharge Oil and Grease <0.1 mg/L	
Daily during discharge pH 6.8 pH	
Daily during discharge Total Suspended Solids 46 mg/L	
Daily during discharge Turbidity 50 NTU	
Monitoring 5/07/23 Daily during discharge Conductivity ND μS/cm	
Point 10 Daily during discharge Oil and Grease ND mg/L	
Daily during discharge pH ND pH	
Daily during discharge Total Suspended Solids ND mg/L	
Daily during discharge Turbidity ND NTU	
May 2023	
Monitoring Daily during discharge Conductivity ND μS/cm	No controlled
Point 6 Daily during discharge Flow ND KL/day	
Daily during discharge Oil and Grease ND mg/L	
Daily during discharge pH ND pH	
Daily during discharge Total Suspended Solids ND mg/L	
Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Turbidity ND NTU	Monthly monitoring
Daily during dischargeTotal Suspended SolidsNDmg/LDaily during dischargeTurbidityNDNTUMonitoring5/06/23Daily during dischargeConductivity493μS/cm	Monthly monitoring 23/05/23
Daily during dischargeTotal Suspended SolidsNDmg/LDaily during dischargeTurbidityNDNTUMonitoring Point 8Daily during dischargeConductivity493μS/cmDaily during dischargeOil and Grease<0.1	Monthly monitoring 23/05/23
Daily during dischargeTotal Suspended SolidsNDmg/LDaily during dischargeTurbidityNDNTUMonitoring Point 8Daily during dischargeConductivity493μS/cmDaily during dischargeOil and Grease<0.1	
Daily during dischargeTotal Suspended SolidsNDmg/LDaily during dischargeTurbidityNDNTUMonitoring Point 8Daily during dischargeConductivity493μS/cmDaily during dischargeOil and Grease<0.1	
Daily during dischargeTotal Suspended SolidsNDmg/LDaily during dischargeTurbidityNDNTUMonitoring Point 8Daily during dischargeConductivity493μS/cmDaily during dischargeOil and Grease<0.1	23/05/23
MonitoringDaily during dischargeTotal Suspended SolidsNDmg/LMonitoring Point 85/06/23Daily during dischargeConductivity493μS/cmDaily during dischargeOil and Grease<0.1	23/05/23
Daily during dischargeTotal Suspended SolidsNDmg/LDaily during dischargeTurbidityNDNTUMonitoring Point 8Daily during dischargeConductivity493μS/cmDaily during dischargeOil and Grease<0.1	23/05/23
Daily during dischargeTotal Suspended SolidsNDmg/LDaily during dischargeTurbidityNDNTUMonitoring Point 8Daily during dischargeConductivity493μS/cmDaily during dischargeOil and Grease<0.1	23/05/23
Daily during dischargeTotal Suspended SolidsNDmg/LDaily during dischargeTurbidityNDNTUMonitoring Point 85/06/23Daily during dischargeConductivity493μS/cmDaily during dischargeOil and Grease<0.1	23/05/23
Daily during dischargeTotal Suspended SolidsNDmg/LDaily during dischargeTurbidityNDNTUMonitoring Point 8Daily during dischargeConductivity493μS/cmDaily during dischargeOil and Grease<0.1	23/05/23
Daily during dischargeTotal Suspended SolidsNDmg/LDaily during dischargeTurbidityNDNTUMonitoring Point 85/06/23Daily during dischargeConductivity493μS/cmDaily during dischargeOil and Grease<0.1	23/05/23
Daily during dischargeTotal Suspended SolidsNDmg/LDaily during dischargeTurbidityNDNTUMonitoring Point 85/06/23Daily during dischargeConductivity493μS/cmDaily during dischargeOil and Grease<0.1	23/05/23
Daily during dischargeTotal Suspended SolidsNDmg/LMonitoring Point 85/06/23Daily during dischargeConductivity493μS/cmPoint 8Daily during dischargeOil and Grease<0.1	23/05/23
Daily during discharge Total Suspended Solids ND mg/L	23/05/23
Daily during discharge Total Suspended Solids ND mg/L	23/05/23
Daily during dischargeTotal Suspended SolidsNDmg/LMonitoring Point 85/06/23Daily during dischargeConductivity493μS/cmPoint 8Daily during dischargeOil and Grease<0.1	23/05/23
Daily during discharge Total Suspended Solids ND mg/L	No controlled
Daily during discharge Total Suspended Solids ND mg/L	No controlled
Daily during discharge Total Suspended Solids ND mg/L	No controlled

		Dunmore Quarry	Environmental Monit	oring Repo	ort	
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/05/23	Daily during discharge	Conductivity	469	μS/cm	Monthly monitoring
Point 8		Daily during discharge	Oil and Grease	0.1	mg/L	20/04/23
		Daily during discharge	рН	8.2	pН	
		Daily during discharge	Total Suspended Solids	138	mg/L	
		Daily during discharge	Turbidity	160	NTU	
Monitoring	3/05/23	Daily during discharge	Conductivity	399	μS/cm	
Point 9		Daily during discharge	Oil and Grease	0.4	mg/L	
		Daily during discharge	pH	6.9	рН	
		Daily during discharge	Total Suspended Solids	68	mg/L	
		Daily during discharge	Turbidity	20	NTU	
Monitoring	3/05/23	Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			March 2023			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/05/23	Daily during discharge	Conductivity	418	μS/cm	Sampling undertaken
Point 7	-,,	Daily during discharge	Oil and Grease	0.6	mg/L	on 27/03/2023 in
		Daily during discharge	рН	7.8	pH	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled
		Daily during discharge	Turbidity	120	NTU	discharge. Due to
Monitoring	3/05/23	Daily during discharge	Conductivity	329	μS/cm	higher than average
Point 9	-,,	Daily during discharge	Oil and Grease	0.6	mg/L	monthly rainfall and
		Daily during discharge	Н	6.8	pH	high groundwater
		Daily during discharge	Total Suspended Solids	68	mg/L	table dewatering of
		Daily during discharge	Turbidity	9.5	NTU	Lower Dam is not
Monitoring	3/05/23	Daily during discharge	Conductivity	386	μS/cm	possible.
Point 10	-,,	Daily during discharge	Oil and Grease	0.7	mg/L	
		Daily during discharge	рН	8.2	pH	
		Daily during discharge	Total Suspended Solids	263	mg/L	
		Daily during discharge	Turbidity	280	NTU	
		, ,	,	l		l
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/05/23	Daily during discharge	Conductivity	423	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.7	mg/L	on 24/03/2023 in
		Daily during discharge	рН	8.3	pH	response to
		Daily during discharge	Total Suspended Solids	113	mg/L	uncontrolled
		Daily during discharge	Turbidity	170	NTU	discharge. Due to
Monitoring	3/05/23	Daily during discharge	Conductivity	324	μS/cm	higher than average
Point 9	-,,	Daily during discharge	Oil and Grease	0.6	mg/L	monthly rainfall and
		Daily during discharge	pH	7.2	pH	high groundwater
		Daily during discharge	Total Suspended Solids	8	mg/L	table dewatering of
		Daily during discharge	Turbidity	6.7	NTU	Lower Dam is not
	3/05/23	Daily during discharge	Conductivity	381	μS/cm	possible.
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Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring	Received	Daily during discharge	Oil and Grease	0.6	mg/L	
Point 10		Daily during discharge	pH	8.3	pH	1
		Daily during discharge	Total Suspended Solids	10	mg/L	1
		Daily during discharge	Turbidity	80	NTU	-
		Daily during discharge	Turblatty	00	NIO	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	1
		Daily during discharge	рH	ND	рН	1
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	1
Monitoring	3/04/23	Daily during discharge	Conductivity	408	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 23/03/2023 in
		Daily during discharge	рН	7.7	pH	response to
		Daily during discharge	Total Suspended Solids	101	mg/L	uncontrolled
		Daily during discharge	Turbidity	130	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	423	μS/cm	higher than average
Point 9	3, 5 1, 23	Daily during discharge	Oil and Grease	0.6	mg/L	monthly rainfall and
		Daily during discharge	рН	8.3	pH	high groundwater
		Daily during discharge	Total Suspended Solids	113	mg/L	table dewatering of
		Daily during discharge	Turbidity	170	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	321	μS/cm	possible.
Point 10	3/04/23	Daily during discharge	Oil and Grease	<0.1	mg/L	-
TOILLE		Daily during discharge	pH	7.0	pH	_
		Daily during discharge	Total Suspended Solids	18	mg/L	-
		Daily during discharge	Turbidity	8.1	NTU	
		Daily during discharge	Turblaity	0.1	NIO	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	1
		Daily during discharge	рН	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	=
		Daily during discharge	Turbidity	ND	NTU	=
Monitoring	3/04/23	Daily during discharge	Conductivity	419	μS/cm	Sampling undertaken
Point 7	-,,	Daily during discharge	Oil and Grease	0.6	mg/L	on 22/03/2023 in
		Daily during discharge	рН	7.8	pH	response to
		Daily during discharge	Total Suspended Solids	152	mg/L	uncontrolled
		Daily during discharge	Turbidity	170	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	324	μS/cm	higher than average
Point 9	3, 5 ., 25	Daily during discharge	Oil and Grease	0.6	mg/L	monthly rainfall and
		Daily during discharge	рН	7.0	pH	high groundwater
		Daily during discharge	Total Suspended Solids	6	mg/L	table dewatering of
		Daily during discharge	Turbidity	20	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	386	μS/cm	possible.
Point 10	3/04/23	Daily during discharge	Oil and Grease	0.5	mg/L	-
1011112		Daily during discharge	pH	8.6	pH	-
		Daily during discharge	Total Suspended Solids	14	mg/L	-
		Daily during discharge	Turbidity	75	NTU	-
		Daily dailing discharge	Tarbiatey	, , ,	1410	<u> </u>
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND ND	mg/L	a.coarge minuted
		Daily during discharge	pH	ND ND	pH	-
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	1
		Daily during discharge	Turbidity	ND ND	NTU	-
	3/04/23	Daily during discharge	Conductivity	403		
	3/04/23	Daily during discharge	Conductivity	403	μS/cm	

		Dunmore Quarry	Environmental Monit		ונ	1
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	0.6	mg/L	Sampling undertaken
Point 7		Daily during discharge	рН	8.0	рН	on 21/03/2023 in
		Daily during discharge	Total Suspended Solids	136	mg/L	response to
		Daily during discharge	Turbidity	180	NTU	uncontrolled
Monitoring	3/04/23	Daily during discharge	Conductivity	324	μS/cm	discharge. Due to
Point 9		Daily during discharge	Oil and Grease	0.6	mg/L	higher than average
		Daily during discharge	рН	7.0	рН	monthly rainfall and
		Daily during discharge	Total Suspended Solids	9	mg/L	high groundwater
		Daily during discharge	Turbidity	8.3	NTU	table dewatering of
Monitoring	3/04/23	Daily during discharge	Conductivity	385	μS/cm	Lower Dam is not
Point 10		Daily during discharge	Oil and Grease	0.5	mg/L	possible.
		Daily during discharge	рН	9.1	pН	
		Daily during discharge	Total Suspended Solids	13	mg/L	
		Daily during discharge	Turbidity	60	NTU	
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Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	392	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.5	mg/L	on 20/03/2023 in
		Daily during discharge	рН	7.7	рН	response to
		Daily during discharge	Total Suspended Solids	56	mg/L	uncontrolled
		Daily during discharge	Turbidity	120	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	298	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	0.6	mg/L	monthly rainfall and
		Daily during discharge	рН	6.9	pН	high groundwater
		Daily during discharge	Total Suspended Solids	16	mg/L	table dewatering of
		Daily during discharge	Turbidity	8.2	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	380	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	0.6	mg/L	
		Daily during discharge	рН	9.4	pН	
		Daily during discharge	Total Suspended Solids	14	mg/L	
		Daily during discharge	Turbidity	75	NTU	
		, ,	,	I.		
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	383	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.3	mg/L	on 19/03/2023 in
		Daily during discharge	рН	8.1	pН	response to
		Daily during discharge	Total Suspended Solids	129	mg/L	uncontrolled
		Daily during discharge	Turbidity	190	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	286	μS/cm	higher than average
Point 9	•	Daily during discharge	Oil and Grease	0.3	mg/L	monthly rainfall and
		Daily during discharge	рН	6.9	pН	high groundwater
		Daily during discharge	Total Suspended Solids	39	mg/L	table dewatering of
		Daily during discharge	Turbidity	19	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	384	μS/cm	possible.
Point 10	-, 0 ., 20	Daily during discharge	Oil and Grease	0.5	mg/L	1
-		Daily during discharge	pH	9.5	pH	1
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Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Total Suspended Solids	30	mg/L	
		Daily during discharge	Turbidity	85	NTU	
		•				
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	356	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.4	mg/L	on 18/03/2023 in
		Daily during discharge	рН	7.9	pН	response to
		Daily during discharge	Total Suspended Solids	140	mg/L	uncontrolled
		Daily during discharge	Turbidity	220	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	276	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	0.3	mg/L	monthly rainfall and
		Daily during discharge	pH	7.2	рН	high groundwater
		Daily during discharge	Total Suspended Solids	31	mg/L	table dewatering of Lower Dam is not
		Daily during discharge	Turbidity	12	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	379	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	0.5	mg/L	
		Daily during discharge	рН	9.5	рН	
		Daily during discharge	Total Suspended Solids	36	mg/L	
		Daily during discharge	Turbidity	85	NTU	
						1
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	341	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.3	mg/L	on 17/03/2023 in
		Daily during discharge	рН	8.0	рН	response to
		Daily during discharge	Total Suspended Solids	132	mg/L	uncontrolled
		Daily during discharge	Turbidity	210	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	267	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	0.3	mg/L	monthly rainfall and
		Daily during discharge	рН	7.2	рН	high groundwater
		Daily during discharge	Total Suspended Solids	31	mg/L	table dewatering of
		Daily during discharge	Turbidity	14	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	374	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	0.6	mg/L	
		Daily during discharge	рН	9.0	рН	
		Daily during discharge	Total Suspended Solids	31	mg/L	
		Daily during discharge	Turbidity	85	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	249	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 16/03/2023 in
		Daily during discharge	рН	6.9	pН	response to

	Date		r Environmental Monit T	Measure) L	Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	Comment
		Daily during discharge	Total Suspended Solids	190	mg/L	uncontrolled
		Daily during discharge	Turbidity	130	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	223	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	6.7	рН	high groundwater
		Daily during discharge	Total Suspended Solids	28	mg/L	table dewatering of
		Daily during discharge	Turbidity	22	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	364	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	pН	9.3	рН	
		Daily during discharge	Total Suspended Solids	49	mg/L	
		Daily during discharge	Turbidity	90	NTU	
Monitoring		Daily during disabarga	Conductivity	ND	C./.am	No controlled
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH "	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
	- / /	Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	234	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 15/03/2023 in
		Daily during discharge	pH	7.2	pН	response to
		Daily during discharge	Total Suspended Solids	60	mg/L	uncontrolled
		Daily during discharge	Turbidity	85	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	184	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	6.7	рН	high groundwater
		Daily during discharge	Total Suspended Solids	41	mg/L	table dewatering of Lower Dam is not
		Daily during discharge	Turbidity	39	NTU	possible.
Monitoring	3/04/23	Daily during discharge	Conductivity	274	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	pH	8.7	рН	
		Daily during discharge	Total Suspended Solids	9	mg/L	
		Daily during discharge	Turbidity	26	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
1 omic o		Daily during discharge	Oil and Grease	ND	mg/L	uischarge initiatea
		Daily during discharge	pH	ND ND	pH	
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	
		Daily during discharge	Turbidity	ND ND	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	457	μS/cm	Sampling undertaken
Point 7	3/04/23	Daily during discharge	Oil and Grease	<0.1	mg/L	on 03/03/2023 in
FOIIIC 7		Daily during discharge	pH	7.6		response to
		Daily during discharge	·	99	pH mg/l	uncontrolled
		Daily during discharge	Total Suspended Solids Turbidity	120	mg/L NTU	discharge. Due to
Monitoring	3/04/23		•			higher than average
Monitoring Point 9	3/04/23	Daily during discharge	Conductivity	388	μS/cm	monthly rainfall and
FUIIIL 9		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	pH	7.0	pH ma/l	table dewatering of
		Daily during discharge	Total Suspended Solids	9	mg/L	Lower Dam is not
Manitari	2/04/22	Daily during discharge	Turbidity	4.6	NTU	possible.
Monitoring	3/04/23	Daily during discharge	Conductivity	391	μS/cm	1, 2, 2, 2, 2, 2
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	-
		Daily during discharge	pH	7.7	pН	
		Daily during discharge	Total Suspended Solids	25	mg/L	-
		Daily during discharge	Turbidity	100	NTU	

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
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Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	<u> </u>
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	459	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 02/03/2023 in
		Daily during discharge	pH	7.8	рН	response to
		Daily during discharge	Total Suspended Solids	95	mg/L	uncontrolled
		Daily during discharge	Turbidity	120	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	381	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.0	рН	high groundwater
		Daily during discharge	Total Suspended Solids	8	mg/L	table dewatering of
		Daily during discharge	Turbidity	3.7	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	395	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	7.5	pН	
		Daily during discharge	Total Suspended Solids	36	mg/L	1
		Daily during discharge	Turbidity	100	NTU	
Monitoring		Daily during disabarga	Conductivity	ND	C / cmc	No controlled
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pН	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	<u> </u>
	- 1 1	Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	451	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 01/03/2023 in
		Daily during discharge	pН	7.9	pН	response to
		Daily during discharge	Total Suspended Solids	112	mg/L	uncontrolled
		Daily during discharge	Turbidity	130	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	388	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.0	рН	high groundwater
		Daily during discharge	Total Suspended Solids	25	mg/L	table dewatering of
		Daily during discharge	Turbidity	7.9	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	391	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	7.9	рН	
		Daily during discharge	Total Suspended Solids	31	mg/L	
		Daily during discharge	Turbidity	110	NTU	
			February 2023			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	449	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/02/2023 in
		Daily during discharge	pH	7.5	pH	response to
		I Dally duffile discharge				
		Daily during discharge	Total Suspended Solids	92	mg/L	uncontrolled

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring	3/04/23	Daily during discharge	Conductivity	387	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	6.9	рН	high groundwater
		Daily during discharge	Total Suspended Solids	14	mg/L	table dewatering of
		Daily during discharge	Turbidity	7.8	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	391	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	8.2	рН	
		Daily during discharge	Total Suspended Solids	36	mg/L	
		Daily during discharge	Turbidity	110	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	+
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	-
Monitoring	3/04/23	Daily during discharge	Conductivity	398	μS/cm	Sampling undertaken
Point 7	5, 5 ., 25	Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/02/2023 in
		Daily during discharge	pH	7.1	pH	response to
		Daily during discharge	Total Suspended Solids	40	mg/L	uncontrolled
		Daily during discharge	Turbidity	45	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	378	μS/cm	higher than average
Point 9	5,53,25	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.0	pH	high groundwater
		Daily during discharge	Total Suspended Solids	12	mg/L	table dewatering of
		Daily during discharge	Turbidity	4.8	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	390	μS/cm	possible.
Point 10	-,-,-	Daily during discharge	Oil and Grease	<0.1	mg/L	-
		Daily during discharge	pH	8.3	pН	•
		Daily during discharge	Total Suspended Solids	38	mg/L	-
		Daily during discharge	Turbidity	110	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	μ3/cm KL/day	discharge initiated
1 Ollic O		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	-
Monitoring	3/04/23	Daily during discharge	Conductivity	435	μS/cm	Sampling undertaken
Point 7	3/04/23	Daily during discharge	Oil and Grease	<0.1	mg/L	on 26/02/2023 in
		Daily during discharge	pH	8.1	pH	response to
		Daily during discharge	Total Suspended Solids	113	mg/L	uncontrolled
		Daily during discharge	Turbidity	140	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	416	μS/cm	higher than average
Point 9	3,04,23	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.4	pH	high groundwater
		Daily during discharge	Total Suspended Solids	15	mg/L	table dewatering of
		Daily during discharge	Turbidity	8.7	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	389	μS/cm	possible.
Point 10	-, 0 ., 20	Daily during discharge	Oil and Grease	<0.1	mg/L	1
		Daily during discharge	pH	8.2	pH	1
		Daily during discharge	Total Suspended Solids	36	mg/L	1
		Daily during discharge	Turbidity	110	NTU	
				T	- ,	T
		Daily during discharge	Conductivity	ND	μS/cm	

Location	Date		Environmental Monit	Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	
Monitoring		Daily during discharge	Flow	ND	KL/day	No controlled
Point 6		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
		Daily during discharge	pH	ND	pН	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	398	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 25/02/2023 in
		Daily during discharge	pH	7.6	рН	response to
		Daily during discharge	Total Suspended Solids	65	mg/L	uncontrolled
		Daily during discharge	Turbidity	100	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	370	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.1	pН	high groundwater
		Daily during discharge	Total Suspended Solids	17	mg/L	table dewatering of Lower Dam is not
		Daily during discharge	Turbidity	7.1	NTU	possible.
Monitoring	3/04/23	Daily during discharge	Conductivity	391	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	7.6	рН	
		Daily during discharge	Total Suspended Solids	41	mg/L	
		Daily during discharge	Turbidity	100	NTU	
		1		ND	6.1	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
	- 1 1	Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	419	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 24/02/2023 in
		Daily during discharge	рН	8.1	pН	response to
		Daily during discharge	Total Suspended Solids	160	mg/L	uncontrolled
		Daily during discharge	Turbidity	220	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	345	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.3	рН	high groundwater
		Daily during discharge	Total Suspended Solids	4	mg/L	table dewatering of Lower Dam is not
		Daily during discharge	Turbidity	5.4	NTU	possible.
Monitoring	3/04/23	Daily during discharge	Conductivity	383	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	pH	8.4	рН	
		Daily during discharge	Total Suspended Solids	33	mg/L	
		Daily during discharge	Turbidity	120	NTU	
Monitoria		Doily during district	Conductivity	ND		No sentus II - I
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pН	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
	0/0-/	Daily during discharge	Turbidity	ND	NTU	6 11
Monitoring	3/04/23	Daily during discharge	Conductivity	409	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 23/02/2023 in
		Daily during discharge	pH	7.9	рН	response to
		Daily during discharge	Total Suspended Solids		mg/L	uncontrolled
		Daily during discharge	Turbidity	230	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	405	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	pH	8.2	рН	high groundwater
		Daily during discharge	Total Suspended Solids		mg/L	table dewatering of
		Daily during discharge	Turbidity	300	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	346	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	pН	8.3	рН	
		Daily during discharge	Total Suspended Solids		mg/L	
		Daily during discharge	Turbidity	130	NTU	
1				1		
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	394	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 22/02/2023 in
		Daily during discharge	рH	8.1	рН	response to
		Daily during discharge	Total Suspended Solids	690	mg/L	uncontrolled
		Daily during discharge	Turbidity	500	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	362	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.2	рН	high groundwater
		Daily during discharge	Total Suspended Solids	20	mg/L	table dewatering of
		Daily during discharge	Turbidity	25	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	385	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рH	8.4	pН	
		Daily during discharge	Total Suspended Solids	35	mg/L	
		Daily during discharge	Turbidity	110	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	454	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 21/02/2023 in
		Daily during discharge	рН	7.6	рН	response to
		Daily during discharge	Total Suspended Solids	50	mg/L	uncontrolled
		Daily during discharge	Turbidity	55	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	385	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.0	рН	high groundwater
		Daily during discharge	Total Suspended Solids	8	mg/L	table dewatering of
		Daily during discharge	Turbidity	2.9	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	394	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	8.6	рН	
		Daily during discharge	Total Suspended Solids	47	mg/L	1
		Daily during discharge	Turbidity	100	NTU	
Monitoring	· · · · · · · · · · · · · · · · · · ·	Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	1

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	1
Monitoring	3/04/23	Daily during discharge	Conductivity	437	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/02/2023 in
		Daily during discharge	рН	7.6	pН	response to
		Daily during discharge	Total Suspended Solids	68	mg/L	uncontrolled
		Daily during discharge	Turbidity	75	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	375	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.0	рН	high groundwater
		Daily during discharge	Total Suspended Solids	19	mg/L	table dewatering of
		Daily during discharge	Turbidity	6.8	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	390	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	-
		Daily during discharge	рН	8.4	pH	-
		Daily during discharge	Total Suspended Solids	21	mg/L	=
		Daily during discharge	Turbidity	100	NTU	-
			1 4.1 4.14.1			l
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L]
		Daily during discharge	рН	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	1
Monitoring	3/04/23	Daily during discharge	Conductivity	435	μS/cm	Sampling undertaken
Point 7	3, 5 1, 23	Daily during discharge	Oil and Grease	<0.1	mg/L	on 19/02/2023 in
7 01116 7		Daily during discharge	pH	8.0	pH	response to
		Daily during discharge	Total Suspended Solids	99	mg/L	uncontrolled
		Daily during discharge	Turbidity	45	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	391	μS/cm	higher than average
Point 9	3/04/23	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
Tomes		Daily during discharge	pH	7.0	pH	high groundwater
		Daily during discharge	Total Suspended Solids	19	mg/L	table dewatering of
		Daily during discharge	Turbidity	6.8	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	393	μS/cm	possible.
Point 10	3/04/23	Daily during discharge	Oil and Grease	<0.1	mg/L	-
TOILLE		Daily during discharge	pH	7.9	pH	-
		Daily during discharge	Total Suspended Solids	34	mg/L	-
		Daily during discharge	Turbidity	75	NTU	_
		Daily during discharge	Turbluity	73	NIO	
Monitoring		Daily during discharge	Conductivity	ND	118/cm	No controlled
Point 6			Flow	ND ND	μS/cm	discharge initiated
FUIIL 0		Daily during discharge Daily during discharge	Oil and Grease	ND ND	KL/day	uischarge miliated
					mg/L	-
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
Monitoring	2/04/22	Daily during discharge	Turbidity	ND 722	NTU	Compling to destal :
Monitoring	3/04/23	Daily during discharge	Conductivity	722	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 18/02/2023 in
		Daily during discharge	pH	8.0	pH	response to uncontrolled
		Daily during discharge	Total Suspended Solids	82	mg/L	
	0/0-/	Daily during discharge	Turbidity	65	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	343	μS/cm	higher than average monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	pH	7.0	pH	table dewatering of
		Daily during discharge	Total Suspended Solids	16	mg/L	table dewatering of

		Duffillore Quarry	Environmental Monit		JI L	· · · · · · · · · · · · · · · · · · ·
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Turbidity	5.3	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	400	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	8.1	рН	
		Daily during discharge	Total Suspended Solids	55	mg/L	
		Daily during discharge	Turbidity	110	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND ND	μ3/cm KL/day	discharge initiated
Tomeo		Daily during discharge	Oil and Grease	ND ND	mg/L	discharge illitiated
		Daily during discharge	pH	ND ND	pH	
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	
		Daily during discharge	Turbidity	ND ND	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	421	μS/cm	Sampling undertaken
Point 7	3/04/23	Daily during discharge	Oil and Grease	<0.1		on 17/02/2023 in
TOILL 7		Daily during discharge	pH	7.8	mg/L pH	response to
		Daily during discharge	Total Suspended Solids	52	mg/L	uncontrolled
		Daily during discharge	Turbidity	110	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	325	μS/cm	higher than average
Point 9	3/04/23	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
Tollics		Daily during discharge	pH	7.0	pH	high groundwater
		Daily during discharge	Total Suspended Solids	14	mg/L	table dewatering of
		Daily during discharge	Turbidity	15	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	394	μS/cm	possible.
Point 10	3/04/23	Daily during discharge	Oil and Grease	<0.1		1
TOILL TO		Daily during discharge	pH	8.4	mg/L pH	
		Daily during discharge	Total Suspended Solids	33	mg/L	-
		Daily during discharge	Turbidity	110	NTU	-
		Daily during discharge	Turblaity	110	NIO	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	6/03/23	Daily during discharge	Conductivity	418	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 16/02/2023 in
		Daily during discharge	pH	8.0	рН	response to
		Daily during discharge	Total Suspended Solids	121	mg/L	uncontrolled
		Daily during discharge	Turbidity	170	NTU	discharge. Due to
Monitoring	6/03/23	Daily during discharge	Conductivity	315	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	6.8	рН	high groundwater
		Daily during discharge	Total Suspended Solids	24	mg/L	table dewatering of
		Daily during discharge	Turbidity	14	NTU	Lower Dam is not
Monitoring	6/03/23	Daily during discharge	Conductivity	277	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	7.1	рН	
		Daily during discharge	Total Suspended Solids	56	mg/L	
		Daily during discharge	Turbidity	120	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND ND	μ3/cm KL/day	discharge initiated
i onit o		Daily during discharge	Oil and Grease	ND ND	mg/L	- discharge initiated
		Daily during discharge	pH	ND ND	pH	-
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	-
		Daily during discharge	Total Suspended Solids	שוו	III8/L	1

Lasatian	Date		Pallitant	Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	6/03/23	Monthly	Conductivity	147	μS/cm	Monthly monitoring
Point 7		Monthly	Oil and Grease	<0.1	mg/L	9/02/23
		Monthly	рH	6.7	рН	
		Monthly	Total Suspended Solids	80	mg/L	
		Monthly	Turbidity	95	NTU	
Monitoring	6/03/23	Monthly	Conductivity	166	μS/cm	
Point 9		Monthly	Oil and Grease	<0.1	mg/L	
		Monthly	pH	6.9	pH "	
		Monthly	Total Suspended Solids	35	mg/L	
N.A it i	6/02/22	Monthly	Turbidity	9.7	NTU	
Monitoring	6/03/23	Monthly	Conductivity	174	μS/cm	
Point 10		Monthly	Oil and Grease	<0.1	mg/L	
		Monthly	pH	6.5	pH	
		Monthly	Total Suspended Solids	10	mg/L	
		Monthly	Turbidity January 2023	9.9	NTU	
Monitoring		Daily during discharge	·	ND	us/sm	No controlled
Monitoring Point 6		Daily during discharge Daily during discharge	Conductivity Flow	ND ND	μS/cm KL/day	discharge initiated
POIIIL 6		Daily during discharge	Oil and Grease	ND ND		uischarge militateu
		Daily during discharge	pH	ND ND	mg/L pH	
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	
		Daily during discharge	Turbidity	ND ND	NTU	
Monitoring	6/03/23	Monthly	Conductivity	583	μS/cm	Monthly Monitoring
Point 8	0,03,23	Monthly	Oil and Grease	0.8	mg/L	19/01/23
		Monthly	pH	8.2	pH	13/01/23
		Monthly	Total Suspended Solids	96	mg/L	
		Monthly	Turbidity	120	NTU	
Monitoring	6/03/23	Monthly	Conductivity	1248	μS/cm	
Point 9		Monthly	Oil and Grease	0.7	mg/L	
		Monthly	рН	6.3	pН	
		Monthly	Total Suspended Solids	26	mg/L	
		Monthly	Turbidity	18	NTU	
Monitoring	6/03/23	Monthly	Conductivity	ND	μS/cm	
Point 10		Monthly	Oil and Grease	ND	mg/L	
		Monthly	рН	ND	рН	
		Monthly	Total Suspended Solids	ND	mg/L	
		Monthly	Turbidity	ND	NTU	
			December 2022	ı		
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	9/01/23	Monthly	Conductivity	623	μS/cm	Monthly Monitoring
Point 8		Monthly	Oil and Grease	<0.1	mg/L	15/12/22
		Monthly	pH	8.2	pH "	
		Monthly	Total Suspended Solids	136	mg/L	-
	0/04/22	Monthly	Turbidity	140	NTU	
Monitoring	9/01/23	Monthly	Conductivity	911	μS/cm	-
Point 9		Monthly	Oil and Grease	<0.1	mg/L	
		Monthly	pH	7.6	pH	
		Monthly	Total Suspended Solids	31	mg/L	-
	0/04/22	Monthly	Turbidity	18	NTU	-
	9/01/23	Monthly	Conductivity	438	μS/cm	

	_	Duffillore Quarry	Environmental Monit		JΓL	
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Monthly	Oil and Grease	<0.1	mg/L	
Point 10		Monthly	рН	8.3	рН	
		Monthly	Total Suspended Solids	10	mg/L	
		Monthly	Turbidity	45	NTU	
			November 2022			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	9/01/23	Monthly	Conductivity	510	μS/cm	Monthly monitoring
Point 8	5, 52, 25	Monthly	Oil and Grease	<0.1	mg/L	23/11/22
		Monthly	pH	8.1	pH	
		Monthly	Total Suspended Solids	49	mg/L	
		Monthly	Turbidity	140	NTU	
Monitoring	9/01/23	Monthly	Conductivity	381	μS/cm	
Point 9	3/01/23	Monthly	Oil and Grease	<0.1	mg/L	
Tollies		Monthly	pH	7.6	pH	
		Monthly	Total Suspended Solids	52	mg/L	
		Monthly	Turbidity	50	NTU	
Monitoring	9/01/23	Monthly	·	434		
Monitoring Point 10	9/01/23	•	Conductivity	1	μS/cm	
POIIIL 10		Monthly	Oil and Grease	<0.1	mg/L	
		Monthly	pH	8.6	pH	
		Monthly	Total Suspended Solids	37	mg/L	
		Monthly	Turbidity	70	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	9/01/23	Daily during discharge	Conductivity	365	μS/cm	Sampling undertaken
Point 7	3/01/23	Daily during discharge	Oil and Grease	<0.1	mg/L	on 15/11/2022 in
1 Onite 7		Daily during discharge	pH	7.5	pH	response to
		Daily during discharge	Total Suspended Solids	41	mg/L	uncontrolled
		Daily during discharge	Turbidity	45	NTU	discharge. Due to
Monitoring	9/01/23	Daily during discharge	Conductivity	383	μS/cm	higher than average
Monitoring Point 9	9/01/23	Daily during discharge	· ·			monthly rainfall and
Point 9			Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	pH	7.2	pH	table dewatering of
		Daily during discharge	Total Suspended Solids	31	mg/L	Lower Dam is not
	0/04/00	Daily during discharge	Turbidity	21	NTU	possible.
Monitoring	9/01/23	Daily during discharge	Conductivity	405	μS/cm	
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	8.6	рН	
		Daily during discharge	Total Suspended Solids	22	mg/L	
		Daily during discharge	Turbidity	70	NTU	
Monitorina		Daily during discharge	Conductivity	NID	110/000	No controlled
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
	9/01/23	Daily during discharge	Conductivity	379	μS/cm	

1		Dufffiore Quarry	Environmental Monit	oring kept	Jil	1
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	<0.1	mg/L	Sampling undertaken
Point 7		Daily during discharge	рН	7.3	рН	on 11/11/2022 in
		Daily during discharge	Total Suspended Solids	15	mg/L	response to
		Daily during discharge	Turbidity	17	NTU	uncontrolled
Monitoring	9/01/23	Daily during discharge	Conductivity	432	μS/cm	discharge. Due to
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	higher than average
		Daily during discharge	рН	7.7	рН	monthly rainfall and
		Daily during discharge	Total Suspended Solids	34	mg/L	high groundwater
		Daily during discharge	Turbidity	23	NTU	table dewatering of
Monitoring	9/01/23	Daily during discharge	Conductivity	405	μS/cm	Lower Dam is not
Point 10	-,-,-	Daily during discharge	Oil and Grease	<0.1	mg/L	possible.
		Daily during discharge	рН	8.8	pH	-
		Daily during discharge	Total Suspended Solids	22	mg/L	-
		Daily during discharge	Turbidity	70	NTU	-
		Daily during discharge	Tarbiaity	70	NIO	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	25/11/22	Daily during discharge	Conductivity	379	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.2	mg/L	on 10/11/2022 in
		Daily during discharge	pH	7.5	рН	response to
		Daily during discharge	Total Suspended Solids	65	mg/L	uncontrolled
		Daily during discharge	Turbidity	70	NTU	discharge. Due to
Monitoring	25/11/22	Daily during discharge	Conductivity	458	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	6.7	pН	high groundwater
		Daily during discharge	Total Suspended Solids	35	mg/L	table dewatering of
		Daily during discharge	Turbidity	20	NTU	Lower Dam is not
Monitoring	25/11/22	Daily during discharge	Conductivity	406	μS/cm	possible.
Point 10	_3,,	Daily during discharge	Oil and Grease	0.1	mg/L	-
		Daily during discharge	pH	8.7	pH	-
		Daily during discharge	Total Suspended Solids	15	mg/L	-
		Daily during discharge	Turbidity	70	NTU	-
		Duny during disentinge	raibiaity	70	1110	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	25/11/22	Daily during discharge	Conductivity	409	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 9/11/2022 in
		Daily during discharge	рН	8.0	pН	response to
		Daily during discharge	Total Suspended Solids	22	mg/L	uncontrolled
		Daily during discharge	Turbidity	38	NTU	discharge. Due to
Monitoring	25/11/22	Daily during discharge	Conductivity	406	μS/cm	higher than average
Point 9	. ,	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	6.4	pH	high groundwater
		Daily during discharge	Total Suspended Solids	38	mg/L	table dewatering of
		Daily during discharge	Turbidity	23	NTU	Lower Dam is not
Monitoring	25/11/22	Daily during discharge	Conductivity	481	μS/cm	possible.
Point 10	//	Daily during discharge	Oil and Grease	<0.1	mg/L	†
5		Daily during discharge	pH	6.6	pH	†
		Lany admis discharge	٣''	0.0	ı P''	1

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Total Suspended Solids	31	mg/L	
		Daily during discharge	Turbidity	70	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	25/11/22	Daily during discharge	Conductivity	399	μS/cm	Sampling undertaken
Point 7	23, 11, 22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 8/11/2022 in
		Daily during discharge	pH	7.6	pH	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled
		Daily during discharge	Turbidity	22	NTU	discharge. Due to
Monitoring	25/11/22	Daily during discharge	Conductivity	369	μS/cm	higher than average
Point 9	23/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
· ome s		Daily during discharge	pH	7.8	pH	high groundwater
		Daily during discharge	Total Suspended Solids	22	mg/L	table dewatering of
		Daily during discharge	Turbidity	18	NTU	Lower Dam is not
Monitoring	25/11/22	Daily during discharge	Conductivity	400	μS/cm	possible.
Point 10	23/11/22	Daily during discharge	Oil and Grease	0.1	mg/L	=
1 01110 10		Daily during discharge	pH	8.5	pH	
		Daily during discharge	Total Suspended Solids	9.0	mg/L	=
		Daily during discharge	Turbidity	60	NTU	-
		Daily during discharge	Turblaity	00	1110	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	25/11/22	Daily during discharge	Conductivity	352	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 7/11/2022 in
		Daily during discharge	рН	7.6	рН	response to
		Daily during discharge	Total Suspended Solids	16	mg/L	uncontrolled
		Daily during discharge	Turbidity	13	NTU	discharge. Due to
Monitoring	25/11/22	Daily during discharge	Conductivity	364	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.0	рН	high groundwater
		Daily during discharge	Total Suspended Solids	53	mg/L	table dewatering of
		Daily during discharge	Turbidity	28	NTU	Lower Dam is not
Monitoring	25/11/22	Daily during discharge	Conductivity	397	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	0.2	mg/L	
		Daily during discharge	рН	8.5	рН	
		Daily during discharge	Total Suspended Solids	18	mg/L	
		Daily during discharge	Turbidity	70	NTU	
Manita.		Daile desire - 31 1	Conductivity	ND		No
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pН	4
		Daily during discharge	Total Suspended Solids	ND	mg/L	4
N 4 = -= '1'	25 /44 /22	Daily during discharge	Turbidity	ND 424	NTU	Committee
Monitoring	25/11/22	Daily during discharge	Conductivity	434	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 6/11/2022 in
		Daily during discharge	pН	7.8	рН	response to

Location	Date	Monitoring Frequency	Pollutant	Measure	Unit	Comment
	Received			ment		
		Daily during discharge	Total Suspended Solids	38	mg/L	uncontrolled
		Daily during discharge	Turbidity	70	NTU	discharge. Due to
Monitoring	25/11/22	Daily during discharge	Conductivity	396	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	8.0	pН	high groundwater
		Daily during discharge	Total Suspended Solids	31	mg/L	table dewatering of
		Daily during discharge	Turbidity	36	NTU	Lower Dam is not
Monitoring	25/11/22	Daily during discharge	Conductivity	392	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	8.6	рН	
		Daily during discharge	Total Suspended Solids	30	mg/L	
		Daily during discharge	Turbidity	90	NTU	
		, ,	,	I.		
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	-
Monitoring	25/11/22	Daily during discharge	Conductivity	390	μS/cm	Sampling undertaken
Point 7	23/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 5/11/2022 in
TOILL 7		Daily during discharge	pH	7.7		response to
			Total Suspended Solids	39	pH mg/l	uncontrolled
		Daily during discharge	·		mg/L	discharge. Due to
N 4	25 /44 /22	Daily during discharge	Turbidity	55	NTU	higher than average
Monitoring	25/11/22	Daily during discharge	Conductivity	330	μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	pH	7.2	pH	table dewatering of
		Daily during discharge	Total Suspended Solids	44	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	30	NTU	possible.
Monitoring	25/11/22	Daily during discharge	Conductivity	392	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	pH	8.6	pН	
		Daily during discharge	Total Suspended Solids	31	mg/L	
		Daily during discharge	Turbidity	90	NTU	
		1	T	1		1
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	25/11/22	Daily during discharge	Conductivity	339	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 4/11/2022 in
		Daily during discharge	рН	7.5	рН	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled
		Daily during discharge	Turbidity	24	NTU	discharge. Due to
Monitoring	25/11/22	Daily during discharge	Conductivity	231	μS/cm	higher than average
Point 9	•	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.4	pН	high groundwater
		Daily during discharge	Total Suspended Solids	8.0	mg/L	table dewatering of
		Daily during discharge	Turbidity	13	NTU	Lower Dam is not
Monitoring	25/11/22	Daily during discharge	Conductivity	387	μS/cm	possible.
Point 10	20/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	1
10		Daily during discharge	pH	8.3		1
		Daily during discharge Daily during discharge	Total Suspended Solids	48	pH mg/l	1
					mg/L	1
		Daily during discharge	Turbidity	110	NTU	

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
				ND.	6/	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	_
		Daily during discharge	pH	ND	pH	_
		Daily during discharge	Total Suspended Solids	ND	mg/L	
	45/44/00	Daily during discharge	Turbidity	ND	NTU	
Monitoring	16/11/22	Daily during discharge	Conductivity	309	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 3/11/2022 in
		Daily during discharge	pH	7.4	pН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled
		Daily during discharge	Turbidity	16	NTU	discharge. Due to
Monitoring	16/11/22	Daily during discharge	Conductivity	311	μS/cm	higher than average monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	pH	7.6	pH	table dewatering of
		Daily during discharge	Total Suspended Solids	24	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	18	NTU	possible.
Monitoring	16/11/22	Daily during discharge	Conductivity	384	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	pH	8.5	рН	
		Daily during discharge	Total Suspended Solids	34	mg/L	
		Daily during discharge	Turbidity	95	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	16/11/22	Daily during discharge	Conductivity	414	μS/cm	Sampling undertaken
Point 7	, ,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 2/11/2022 in
		Daily during discharge	рН	8.1	pH	response to
		Daily during discharge	Total Suspended Solids	83	mg/L	uncontrolled
		Daily during discharge	Turbidity	150	NTU	discharge. Due to
Monitoring	16/11/22	Daily during discharge	Conductivity	290	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.6	pH	high groundwater
		Daily during discharge	Total Suspended Solids	25	mg/L	table dewatering of
		Daily during discharge	Turbidity	18	NTU	Lower Dam is not
Monitoring	16/11/22	Daily during discharge	Conductivity	372	μS/cm	possible.
Point 10	10, 11, 11	Daily during discharge	Oil and Grease	<0.1	mg/L	1
. 6 26		Daily during discharge	pH	8.4	pH	
		Daily during discharge	Total Suspended Solids	16	mg/L	_
		Daily during discharge	Turbidity	100	NTU	<u> </u>
		Dethi do 1 P. 1	C	***		No. 1111
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	4
		Daily during discharge	pH	ND	pH "	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	16/11/22	Daily during discharge	Conductivity	267	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 1/11/2022 in
		Daily during discharge	рН	7.2	рН	response to
		Daily during discharge	Total Suspended Solids	6.0	mg/L	uncontrolled
		Daily during discharge	Turbidity	19	NTU	discharge. Due to

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring	16/11/22	Daily during discharge	Conductivity	301	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.3	рН	high groundwater
		Daily during discharge	Total Suspended Solids	18	mg/L	table dewatering of
		Daily during discharge	Turbidity	20	NTU	Lower Dam is not
Monitoring	16/11/22	Daily during discharge	Conductivity	366	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	7.3	рН	
		Daily during discharge	Total Suspended Solids	42	mg/L	
		Daily during discharge	Turbidity	100	NTU	
			October 2022			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	16/11/22	Daily during discharge	Conductivity	390	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 31/10/2022 in
		Daily during discharge	pH	7.8	рН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled
		Daily during discharge	Turbidity	70	NTU	discharge. Due to
Monitoring	16/11/22	Daily during discharge	Conductivity	301	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.0	рН	high groundwater
		Daily during discharge	Total Suspended Solids	16	mg/L	table dewatering of
		Daily during discharge	Turbidity	13	NTU	Lower Dam is not
Monitoring	16/11/22	Daily during discharge	Conductivity	366	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	pH	8.4	рН	
		Daily during discharge	Total Suspended Solids	60	mg/L	
		Daily during discharge	Turbidity	100	NTU	
<u> </u>		B 1 1 1 1 1 1	C 1 11 11	ND	<i>c.</i> /	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
N.A. se i to se i se o	16/11/22	Daily during discharge	Turbidity	ND 220	NTU	Commission
Monitoring	16/11/22	Daily during discharge	Conductivity	330	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 30/10/2022 in response to
		Daily during discharge	pH	7.4	pH	uncontrolled
		Daily during discharge	Total Suspended Solids	39	mg/L	discharge. Due to
N.4 it i	46/44/22	Daily during discharge	Turbidity	48	NTU	higher than average
Monitoring	16/11/22	Daily during discharge	Conductivity	278	μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	pH	7.1	pH	table dewatering of
		Daily during discharge	Total Suspended Solids	23	mg/L	Lower Dam is not
Monitoria	16/11/22	Daily during discharge	Turbidity	12	NTU us/sm	possible.
Monitoring	16/11/22	Daily during discharge	Conductivity	366	μS/cm	
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	pH	8.7	pH	
		Daily during discharge	Total Suspended Solids	72	mg/L	
		Daily during discharge	Turbidity	120	NTU	
		Daily during discharge	Conductivity	ND	μS/cm	
			•			

Location	Date		Environmental Monit	Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	
Monitoring		Daily during discharge	Flow	ND	KL/day	No controlled
Point 6		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
		Daily during discharge	pH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	16/11/22	Daily during discharge	Conductivity	299	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 29/10/2022 in
		Daily during discharge	pН	7.8	рН	response to
		Daily during discharge	Total Suspended Solids	26	mg/L	uncontrolled
		Daily during discharge	Turbidity	28	NTU	discharge. Due to
Monitoring	16/11/22	Daily during discharge	Conductivity	265	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.2	pН	high groundwater
		Daily during discharge	Total Suspended Solids	15	mg/L	table dewatering of Lower Dam is not
		Daily during discharge	Turbidity	13	NTU	possible.
Monitoring	16/11/22	Daily during discharge	Conductivity	371	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	8.4	рН]
		Daily during discharge	Total Suspended Solids	78	mg/L	
		Daily during discharge	Turbidity	130	NTU	
		T	Г			T
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	16/11/22	Daily during discharge	Conductivity	336	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/10/2022 in
		Daily during discharge	pH	7.9	рН	response to
		Daily during discharge	Total Suspended Solids	131	mg/L	uncontrolled
		Daily during discharge	Turbidity	180	NTU	discharge. Due to
Monitoring	16/11/22	Daily during discharge	Conductivity	276	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	8.3	рН	high groundwater
		Daily during discharge	Total Suspended Solids	35	mg/L	table dewatering of
		Daily during discharge	Turbidity	35	NTU	Lower Dam is not
Monitoring	16/11/22	Daily during discharge	Conductivity	352	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	8.5	рН	
		Daily during discharge	Total Suspended Solids	70	mg/L	
		Daily during discharge	Turbidity	130	NTU	
		T		Т	Τ	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	_
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	16/11/22	Daily during discharge	Conductivity	218	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/10/2022 in
		Daily during discharge	рН	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	20	mg/L	uncontrolled
		Daily during discharge	Turbidity	26	NTU	discharge. Due to
Monitoring	16/11/22	Daily during discharge	Conductivity	216	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
	Received	Daily during discharge	pH	7.0	рН	high groundwater
		Daily during discharge	Total Suspended Solids	27	mg/L	table dewatering of
		Daily during discharge	Turbidity	17	NTU	Lower Dam is not
Monitoring	16/11/22	Daily during discharge	Conductivity	524	μS/cm	possible.
Point 10	, ,	Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рH	8.4	pН	
		Daily during discharge	Total Suspended Solids	92	mg/L	
		Daily during discharge	Turbidity	45	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	16/11/22	Daily during discharge	Conductivity	181	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 26/10/2022 in
		Daily during discharge	pH	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	57	mg/L	uncontrolled
		Daily during discharge	Turbidity	50	NTU	discharge. Due to
Monitoring	16/11/22	Daily during discharge	Conductivity	183	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.2	рН	high groundwater
		Daily during discharge	Total Suspended Solids	34	mg/L	table dewatering of
		Daily during discharge	Turbidity	27	NTU	Lower Dam is not
Monitoring	16/11/22	Daily during discharge	Conductivity	361	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	pH	8.2	рН	
		Daily during discharge	Total Suspended Solids	55	mg/L	
		Daily during discharge	Turbidity	77	NTU	
		B 11 1 1 1 1 1	6 1	ND	<i>c.</i> /	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
NA - with - win -	46/44/22	Daily during discharge	Turbidity	ND 160	NTU	Camadiaaaaalaatalaa
Monitoring	16/11/22	Daily during discharge	Conductivity	168	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 25/10/2022 in
		Daily during discharge	pH	7.4	pH	response to uncontrolled
		Daily during discharge	Total Suspended Solids	49	mg/L	discharge. Due to
N.A. mita nina	16/11/22	Daily during discharge	Turbidity	37	NTU	higher than average
Monitoring Point 9	16/11/22	Daily during discharge	Conductivity	132	μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	pH	7	pH ma/l	table dewatering of
		Daily during discharge	Total Suspended Solids	22 26	mg/L NTU	Lower Dam is not
Monitorina	16/11/22	Daily during discharge	Turbidity			possible.
Monitoring Point 10	10/11/22	Daily during discharge	Conductivity Oil and Grease	367 <0.1	μS/cm	1
i Ollit 10		Daily during discharge			mg/L	1
		Daily during discharge	pH Total Suspended Solids	8.6	pH mg/l	-
		Daily during discharge Daily during discharge	Total Suspended Solids	45 65	mg/L	-
		Daily during discharge	Turbidity	05	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND ND	μ3/cm KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND ND	mg/L	alsonarge initiated
		Leany during discharge	Oli alla Olease	שוו	III8/ L	1

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	1
Monitoring	16/11/22	Daily during discharge	Conductivity	407	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 24/10/2022 in
		Daily during discharge	рН	7.4	pН	response to
		Daily during discharge	Total Suspended Solids	145	mg/L	uncontrolled
		Daily during discharge	Turbidity	50	NTU	discharge. Due to
Monitoring	16/11/22	Daily during discharge	Conductivity	226	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.5	рН	high groundwater
		Daily during discharge	Total Suspended Solids	8.0	mg/L	table dewatering of
		Daily during discharge	Turbidity	12	NTU	Lower Dam is not
Monitoring	16/11/22	Daily during discharge	Conductivity	377	μS/cm	possible.
Point 10	, ,	Daily during discharge	Oil and Grease	<0.1	mg/L	-
		Daily during discharge	рН	8.2	pH	-
		Daily during discharge	Total Suspended Solids	72	mg/L	-
		Daily during discharge	Turbidity	38	NTU	-
			1	, ,,		<u>l</u>
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	1
Monitoring	16/11/22	Daily during discharge	Conductivity	211	μS/cm	Sampling undertaken
Point 7	10/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 23/10/2022 in
		Daily during discharge	pH	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	46	mg/L	uncontrolled
		Daily during discharge	Turbidity	21	NTU	discharge. Due to
Monitoring	16/11/22	Daily during discharge	Conductivity	219	μS/cm	higher than average
Point 9	10/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
Tomes		Daily during discharge	pH	6.9	pH	high groundwater
		Daily during discharge	Total Suspended Solids	28	mg/L	table dewatering of
		Daily during discharge	Turbidity	14	NTU	Lower Dam is not
Monitoring	16/11/22	Daily during discharge	Conductivity	398	μS/cm	possible.
Point 10	10/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	-
TOILLE		Daily during discharge	pH	8.4	pH	-
		Daily during discharge	Total Suspended Solids	36	mg/L	-
		Daily during discharge	Turbidity	30	NTU	-
		Daily during discharge	Turbialty	30	NIO	
Monitoring		Daily during discharge	Conductivity	ND	us/cm	No controlled
Point 6			·		μS/cm	discharge initiated
POINT 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	<u> </u>
N.4 it i	46/44/22	Daily during discharge	Turbidity	ND 100	NTU	Carraglia a constantativa
Monitoring	16/11/22	Daily during discharge	Conductivity	199	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 22/10/2022 in
		Daily during discharge	pH	6.9	pH	response to
		Daily during discharge	Total Suspended Solids	44	mg/L	uncontrolled
	101::1	Daily during discharge	Turbidity	21	NTU	discharge. Due to
Monitoring	16/11/22	Daily during discharge	Conductivity	181	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and high groundwater
		Daily during discharge	pH	6.9	pH	table dewatering of
		Daily during discharge	Total Suspended Solids	40	mg/L	table dewatering of

	Data	Duffillore Quarry	Environmental Monit	· · · · · · · · · · · · · · · · · · ·)	Comment
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Turbidity	18	NTU	Lower Dam is not
Monitoring	16/11/22	Daily during discharge	Conductivity	391	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	8.4	рН	
		Daily during discharge	Total Suspended Solids	75	mg/L	
		Daily during discharge	Turbidity	35	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND ND	μ3/cm KL/day	discharge initiated
Foint 0		Daily during discharge	Oil and Grease	ND ND	mg/L	- discharge initiated
		Daily during discharge	pH	ND ND	pH	-
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	-
		Daily during discharge	•	ND ND	NTU	-
Monitoring	8/11/22	Daily during discharge	Turbidity Conductivity	335	μS/cm	Sampling undertaken
Point 7	0/11/22	Daily during discharge	Oil and Grease	<0.1		on 20/10/2022 in
TOILL 7		Daily during discharge	pH	7.3	mg/L pH	response to
		Daily during discharge	Total Suspended Solids	5	mg/L	uncontrolled
		Daily during discharge	Turbidity	11	NTU	discharge. Due to
Monitoring	8/11/22	Daily during discharge	Conductivity	351	μS/cm	higher than average
Point 9	0/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
Tomes		Daily during discharge	pH	7.3	pH	high groundwater
		Daily during discharge	Total Suspended Solids	6	mg/L	table dewatering of
		Daily during discharge	Turbidity	12	NTU	Lower Dam is not
Monitoring	8/11/22	Daily during discharge	Conductivity	441	μS/cm	possible.
Point 10	0/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	-
		Daily during discharge	pH	8.9	pH	1
		Daily during discharge	Total Suspended Solids	11	mg/L	1
		Daily during discharge	Turbidity	45	NTU	1
		Tany aaming alconange	1	1		L
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	8/11/22	Daily during discharge	Conductivity	401	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 19/10/2022 in
		Daily during discharge	pH	7.4	рН	response to
		Daily during discharge	Total Suspended Solids	24	mg/L	uncontrolled
		Daily during discharge	Turbidity	50	NTU	discharge. Due to
Monitoring	8/11/22	Daily during discharge	Conductivity	334	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and high groundwater
		Daily during discharge	pH	7.8	pН	table dewatering of
		Daily during discharge	Total Suspended Solids	2	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	5.6	NTU	possible.
Monitoring	8/11/22	Daily during discharge	Conductivity	438	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	<u> </u>
		Daily during discharge	pH	8.5	pН	-
		Daily during discharge Daily during discharge	Total Suspended Solids Turbidity	9 65	mg/L NTU	-
		Daily during discharge	rarbialty	<u> </u>	INTO	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН]
		Daily during discharge	Total Suspended Solids	ND	mg/L	

	Date		Environmental ivionit	Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	8/11/22	Daily during discharge	Conductivity	363	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 18/10/2022 in
		Daily during discharge	рН	7.4	рН	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled
		Daily during discharge	Turbidity	11	NTU	discharge. Due to
Monitoring	8/11/22	Daily during discharge	Conductivity	334	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.0	рН	high groundwater
		Daily during discharge	Total Suspended Solids	29	mg/L	table dewatering of Lower Dam is not
		Daily during discharge	Turbidity	6.4	NTU	possible.
Monitoring	8/11/22	Daily during discharge	Conductivity	444	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	pH	8.4	рН	
		Daily during discharge	Total Suspended Solids	26	mg/L	
		Daily during discharge	Turbidity	39	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge Daily during discharge	Flow	ND ND	μs/cm KL/day	discharge initiated
roint o		Daily during discharge	Oil and Grease	ND ND	mg/L	uischarge mittateu
		Daily during discharge	pH	ND ND	pH	-
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	<u> </u>
		Daily during discharge	Turbidity	ND ND	NTU	-
Monitoring	8/11/22	Daily during discharge	Conductivity	376	μS/cm	Sampling undertaken
Point 7	6/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 17/10/2022 in
1 Ollic 7		Daily during discharge	pH	7.5	pH	response to
		Daily during discharge	Total Suspended Solids	3	mg/L	uncontrolled
		Daily during discharge	Turbidity	16	NTU	discharge. Due to
Monitoring	8/11/22	Daily during discharge	Conductivity	330	μS/cm	higher than average
Point 9	-,,	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.2	pH	high groundwater
		Daily during discharge	Total Suspended Solids	22	mg/L	table dewatering of
		Daily during discharge	Turbidity	4	NTU	Lower Dam is not
Monitoring	8/11/22	Daily during discharge	Conductivity	440	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	1
		Daily during discharge	рН	8.5	pН	1
		Daily during discharge	Total Suspended Solids	30	mg/L	1
		Daily during discharge	Turbidity	40	NTU	
		1	I	T	- 1	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
N. A. a. a. i. a. a. i. a. a.	0/44/22	Daily during discharge	Turbidity	ND 250	NTU	Camandina a condentalism
Monitoring	8/11/22	Daily during discharge	Conductivity	358	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 16/10/2022 in
		Daily during discharge	pH Total Suspended Solids	7.6	pH mg/l	response to uncontrolled
		Daily during discharge	Total Suspended Solids	36	mg/L	discharge. Due to
Monitoria	0/11/22	Daily during discharge	Turbidity	50	NTU us/sm	higher than average
Monitoring Point 9	8/11/22	Daily during discharge	Conductivity	320	μS/cm	monthly rainfall and
רטווונ א		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	pH Total Suspended Solids	7.1	pH mg/l	table dewatering of
		Daily during discharge	· · · · · · · · · · · · · · · · · · ·	35 20	mg/L NTU	Lower Dam is not
	Q/11/22	Daily during discharge	Turbidity	1		possible.
	8/11/22	Daily during discharge	Conductivity	433	μS/cm	<u> </u>

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	<0.1	mg/L	
Point 10		Daily during discharge	рН	8.3	рН	
		Daily during discharge	Total Suspended Solids	41	mg/L	
		Daily during discharge	Turbidity	70	NTU	
Manihavina		Daile demina disabawa	Canadicaticity	ND	C / avea	No sentualled
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
Manitaring	0/11/22	Daily during discharge	Turbidity	ND	NTU	Compling undertaken
Monitoring Point 7	8/11/22	Daily during discharge	Conductivity	373	μS/cm	Sampling undertaken
Point /		Daily during discharge	Oil and Grease	<0.1	mg/L	on 15/10/2022 in
		Daily during discharge	pH	7.7	pH	response to uncontrolled
		Daily during discharge	Total Suspended Solids	53	mg/L	discharge. Due to
N.A. mita wina a	0/11/22	Daily during discharge	Turbidity	28	NTU	higher than average
Monitoring	8/11/22	Daily during discharge	Conductivity	304	μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	pH	7.3	pH	table dewatering of
		Daily during discharge	Total Suspended Solids	19	mg/L	Lower Dam is not
	0/11/00	Daily during discharge	Turbidity	12	NTU	possible.
Monitoring	8/11/22	Daily during discharge	Conductivity	434	μS/cm	
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	-
		Daily during discharge	pH	8.4	pH	-
		Daily during discharge	Total Suspended Solids	35	mg/L	-
		Daily during discharge	Turbidity	39	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	8/11/22	Daily during discharge	Conductivity	435	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 14/10/2022 in
		Daily during discharge	рН		рН	response to
		Daily during discharge	Total Suspended Solids	51	mg/L	uncontrolled
		Daily during discharge	Turbidity	90	NTU	discharge. Due to
Monitoring	8/11/22	Daily during discharge	Conductivity	293	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	7.2	рН	high groundwater
		Daily during discharge	Total Suspended Solids	25	mg/L	table dewatering of
		Daily during discharge	Turbidity	85	NTU	Lower Dam is not
Monitoring	8/11/22	Daily during discharge	Conductivity	285	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	7.2	рН	
		Daily during discharge	Total Suspended Solids	17	mg/L	
		Daily during discharge	Turbidity	9.4	NTU	
NAit .		Delle desire 1911	Considerations	No		No and the second
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pH "	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
	0/:-/	Daily during discharge	Turbidity	ND	NTU	
	8/11/22	Daily during discharge	Conductivity	276	μS/cm	

· · · · · · · · · · · · · · · · · · ·		Dunmore Quarry	Environmental Monit		ort	T
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	0.3	mg/L	Sampling undertaken
Point 7		Daily during discharge	рН	7.0	рН	on 13/10/2022 in
		Daily during discharge	Total Suspended Solids	18	mg/L	response to
		Daily during discharge	Turbidity	12	NTU	uncontrolled
Monitoring	8/11/22	Daily during discharge	Conductivity	312	μS/cm	discharge. Due to
Point 9		Daily during discharge	Oil and Grease	0.4	mg/L	higher than average
		Daily during discharge	рН	7.6	рН	monthly rainfall and
		Daily during discharge	Total Suspended Solids	15	mg/L	high groundwater
		Daily during discharge	Turbidity	14	NTU	table dewatering of
Monitoring	8/11/22	Daily during discharge	Conductivity	434	μS/cm	Lower Dam is not
Point 10		Daily during discharge	Oil and Grease	0.4	mg/L	possible.
		Daily during discharge	рН	8.4	рН	
		Daily during discharge	Total Suspended Solids	46	mg/L	
		Daily during discharge	Turbidity	65	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	1
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	8/11/22	Daily during discharge	Conductivity	281	μS/cm	Sampling undertaken
Point 7	-,,	Daily during discharge	Oil and Grease	0.3	mg/L	on 12/10/2022 in
		Daily during discharge	рН	7.2	pH	response to
		Daily during discharge	Total Suspended Solids	206	mg/L	uncontrolled
		Daily during discharge	Turbidity	45	NTU	discharge. Due to
Monitoring	8/11/22	Daily during discharge	Conductivity	301	μS/cm	higher than average
Point 9	0, 11, 22	Daily during discharge	Oil and Grease	0.4	mg/L	monthly rainfall and
		Daily during discharge	рН	7.9	pH	high groundwater
		Daily during discharge	Total Suspended Solids	24	mg/L	table dewatering of
		Daily during discharge	Turbidity	16	NTU	Lower Dam is not
Monitoring	8/11/22	Daily during discharge	Conductivity	485	μS/cm	possible.
Point 10	0/11/22	Daily during discharge	Oil and Grease	0.4	mg/L	
TOILL TO		Daily during discharge	pH	8.3	pH	
		Daily during discharge	Total Suspended Solids		•	
		Daily during discharge		43 60	mg/L NTU	
		Daily during discharge	Turbidity	60	NIO	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	8/11/22	Daily during discharge	Conductivity	265	μS/cm	Sampling undertaken
Point 7	-, ,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 11/10/2022 in
		Daily during discharge	рН	6.9	pH	response to
		Daily during discharge	Total Suspended Solids	20	mg/L	uncontrolled
		Daily during discharge	Turbidity	19	NTU	discharge. Due to
Monitoring	8/11/22	Daily during discharge	Conductivity	235	μS/cm	higher than average
Point 9	-,,	Daily during discharge	Oil and Grease	0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	6.9	pH	high groundwater
		Daily during discharge	Total Suspended Solids	11	mg/L	table dewatering of
		Daily during discharge	Turbidity	16	NTU	Lower Dam is not
Monitoring	8/11/22	Daily during discharge	Conductivity	419	μS/cm	possible.
Point 10	0/11/22	Daily during discharge Daily during discharge	Oil and Grease	0.1	μs/cm mg/L	-
. 51110 10		Daily during discharge	pH	8.2	pH	+
		Daily during discharge	PII	0.2	рп	

	Daily during discharge Daily during discharge Daily during discharge Daily during discharge	Total Suspended Solids Turbidity Conductivity	34 45	mg/L NTU	
	Daily during discharge		45	NTU	
		Conductivity			
			ND	μS/cm	No controlled
		Flow	ND	KL/day	discharge initiated
	Daily during discharge	Oil and Grease	ND	mg/L	
	Daily during discharge	рН	ND	pH	1
	Daily during discharge	Total Suspended Solids	ND	mg/L	1
	Daily during discharge	Turbidity	ND	NTU	1
8/11/22	Daily during discharge	Conductivity	202	μS/cm	Sampling undertaken
	Daily during discharge	Oil and Grease	0.6	mg/L	on 10/10/2022 in
	Daily during discharge	pH	7.7	pН	response to
		! '	118		uncontrolled
		· · · · · · · · · · · · · · · · · · ·	50	NTU	discharge. Due to
8/11/22		Conductivity	211	μS/cm	higher than average
		Oil and Grease	0.5		monthly rainfall and
	Daily during discharge	pH	7.3	pН	high groundwater
	Daily during discharge	Total Suspended Solids	8	mg/L	table dewatering of
	Daily during discharge	Turbidity	29	NTU	Lower Dam is not
8/11/22	Daily during discharge	Conductivity	427	μS/cm	possible.
	Daily during discharge	Oil and Grease	0.6	mg/L	
	Daily during discharge	pH	82	рН	
	Daily during discharge	Total Suspended Solids	34	mg/L	
	Daily during discharge	Turbidity	45	NTU	
	Daile demina diadama	Canadicaticity	ND	C./ava	No soutrolled
		·			No controlled
			1		discharge initiated
					_
		'	1		_
		· · · · · · · · · · · · · · · · · · ·		_	
0/11/22		•	1		Sampling undertaken
0/11/22		·		•	on 7/10/2022 in
		İ			response to
		<u> </u>	t	•	uncontrolled
					discharge. Due to
8/11/22					higher than average
0, 11, 11		*	l		monthly rainfall and
			l		high groundwater
		· '	l		table dewatering of
		<u>'</u>			Lower Dam is not
8/11/22		-	l		possible.
, ,		*	t		
		†	l		
		† '		•	1
	Daily during discharge	Turbidity	60	NTU	
	Delle de la la la	September 2022	NE		No. 10 1
		†			No controlled
	Daily during discharge	Flow	ND ND	KL/day	discharge initiated
	Daily during discharge	Oil and Grease	ND ND	mg/L	-
	Daily during discharge	pH	ND	рН	_
		Total Cuspanded Calida	NID.	m~/!	
	Daily during discharge	Total Suspended Solids	ND ND	mg/L	-
0/11/22	Daily during discharge Daily during discharge	Turbidity	ND	NTU	Campling undertaker
8/11/22	Daily during discharge	· · · · · · · · · · · · · · · · · · ·			Sampling undertaken on 30/09/2022 in
		Daily during discharge	Daily during discharge	Daily during discharge	Daily during discharge Total Suspended Solids 118 mg/L

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Total Suspended Solids	34	mg/L	uncontrolled
		Daily during discharge	Turbidity	33	NTU	discharge. Due to
Monitoring	8/11/22	Daily during discharge	Conductivity	397	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	0.4	mg/L	monthly rainfall and
		Daily during discharge	рН	7.1	рН	high groundwater
		Daily during discharge	Total Suspended Solids	38	mg/L	table dewatering of
		Daily during discharge	Turbidity	37	NTU	Lower Dam is not possible.

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
			September 2022			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No Discharge
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	14/10/22	Daily during discharge	Conductivity	492	μS/cm	Monthly monitoring
Point 8		Daily during discharge	Oil and Grease	0.5	mg/L	undertaken on
		Daily during discharge	рН	8.3	pН	27/09/2022
		Daily during discharge	Total Suspended Solids	114	mg/L	
		Daily during discharge	Turbidity	80	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No Discharge
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	_
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		ı	August 2022			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No Discharge
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	14/10/22	Daily during discharge	Conductivity	451	μS/cm	Monthly monitoring
Point 8		Daily during discharge	Oil and Grease	0.3	mg/L	undertaken on
		Daily during discharge	pH	8.3	рН	25/08/2022
		Daily during discharge	Total Suspended Solids	108	mg/L	
		Daily during discharge	Turbidity	210	NTU	
Monitoring	14/10/22	Daily during discharge	Conductivity	404	μS/cm	Monthly monitoring
Point 9		Daily during discharge	Oil and Grease	0.9	mg/L	undertaken on
		Daily during discharge	рH	7.5	рН	25/08/2022
		Daily during discharge	Total Suspended Solids		۴	·

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
	Neceivea	Daily during discharge	Turbidity	75	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No Discharge
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	- Tro Bisonarge
		Daily during discharge	рН	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	-
		. ,				
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	рН	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	14/10/22	Daily during discharge	Conductivity	370	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.3	mg/L	on 12/08/2022 in
		Daily during discharge	pН	7.2	pН	response to
		Daily during discharge	Total Suspended Solids	13	mg/L	uncontrolled
		Daily during discharge	Turbidity	34	NTU	discharge. Due to
Monitoring	14/10/22	Daily during discharge	Conductivity	401	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	0.3	mg/L	monthly rainfall and
		Daily during discharge	pH	6.8	рН	high groundwater table dewatering of
		Daily during discharge	Total Suspended Solids	51	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	44	NTU	possible.
Monitoring	14/10/22	Daily during discharge	Conductivity	386	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	0.3	mg/L	-
		Daily during discharge	pH	8.5	рН	-
		Daily during discharge	Total Suspended Solids	12	mg/L	-
		Daily during discharge	Turbidity	25	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND ND	KL/day	discharge initiated
Tomico		Daily during discharge	Oil and Grease	ND ND	mg/L	discharge initiated
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	-
		Daily during discharge	Turbidity	ND ND	NTU	-
Monitoring	14/10/22	Daily during discharge	Conductivity	387	μS/cm	Sampling undertaken
Point 7	14/10/22	Daily during discharge	Oil and Grease	0.3	mg/L	on 11/08/2022 in
7		Daily during discharge	pH	7.5	pH	response to
		Daily during discharge	Total Suspended Solids	22	mg/L	uncontrolled
		Daily during discharge	Turbidity	37	NTU	discharge. Due to
Monitoring	14/10/22	Daily during discharge	Conductivity	389	μS/cm	higher than average
Point 9	11,10,11	Daily during discharge	Oil and Grease	0.3	mg/L	monthly rainfall and
		Daily during discharge	pH	7.0	pH	high groundwater
		Daily during discharge	Total Suspended Solids	36	mg/L	table dewatering of
		Daily during discharge	Turbidity	36	NTU	Lower Dam is not
Monitoring	14/10/22	Daily during discharge	Conductivity	384	μS/cm	possible.
Point 10	,,	Daily during discharge	Oil and Grease	0.3	mg/L	-
		Daily during discharge	pH	8.4	pH	1
		Daily during discharge	Total Suspended Solids	5	mg/L	1
		Daily during discharge	Turbidity	28	NTU	<u> </u>
						
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	

		Duffillore Quarry	Environmental Monit		л	
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	14/10/22	Daily during discharge	Conductivity	438	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.1	mg/L	on 10/08/2022 in
		Daily during discharge	рН	8.1	рН	response to
		Daily during discharge	Total Suspended Solids	77	mg/L	uncontrolled
		Daily during discharge	Turbidity	22	NTU	discharge. Due to
Monitoring	14/10/22	Daily during discharge	Conductivity	380	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	0.4	mg/L	monthly rainfall and
		Daily during discharge	рН	7.1	рН	high groundwater
		Daily during discharge	Total Suspended Solids	129	mg/L	table dewatering of
		Daily during discharge	Turbidity	80	NTU	Lower Dam is not
Monitoring	14/10/22	Daily during discharge	Conductivity	374	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	0.4	mg/L	
		Daily during discharge	рН	8.2	рН	
		Daily during discharge	Total Suspended Solids	12	mg/L	
		Daily during discharge	Turbidity	25	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND ND	KL/day	discharge initiated
1 Omic o		Daily during discharge	Oil and Grease	ND	mg/L	alseriarge initiated
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	14/10/22	Daily during discharge	Conductivity	344	μS/cm	Sampling undertaken
Point 7	14/10/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 9/08/2022 in
1 Omic 7		Daily during discharge	pH	7.2	pH	response to
		Daily during discharge	Total Suspended Solids	12	mg/L	uncontrolled
		Daily during discharge	Turbidity	6.4	NTU	discharge. Due to
Monitoring	14/10/22	Daily during discharge	Conductivity	376	μS/cm	higher than average
Point 9	14/10/22	Daily during discharge	Oil and Grease	0.1	mg/L	monthly rainfall and
1 omic 5		Daily during discharge	pH	7.4	pH	high groundwater
		Daily during discharge	Total Suspended Solids	23	mg/L	table dewatering of
		Daily during discharge	Turbidity	21	NTU	Lower Dam is not
Monitoring	14/10/22	Daily during discharge	Conductivity	372	μS/cm	possible.
Point 10	14/10/22	Daily during discharge	Oil and Grease	0.5	mg/L	
1 01110 10		Daily during discharge	pH	8.4	pH	
		Daily during discharge	Total Suspended Solids	10	mg/L	
		Daily during discharge	Turbidity	25	NTU	
		Daily during discharge	rarbialty	23	NIO	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	31/08/22	Daily during discharge	Conductivity	457	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.6	mg/L	on 8/08/2022 in
		Daily during discharge	рН	8.4	рН	response to
		Daily during discharge	Total Suspended Solids	38	mg/L	uncontrolled
		Daily during discharge	Turbidity	100		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NITT	Lower Dam is not
					NTU	possible.

	_	Duffiffore Quarry	Environmental Monit)	
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring	31/08/22	Daily during discharge	Conductivity	390	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	0.4	mg/L	on 8/08/2022 in
		Daily during discharge	рН	7.4	рН	response to
		Daily during discharge	Total Suspended Solids	32	mg/L	uncontrolled
		Daily during discharge	Turbidity	26	NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	388	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.5	mg/L	on 8/08/2022 in
		Daily during discharge	рН	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	8.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	28	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	discriating initiated
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	31/08/22	Daily during discharge	Conductivity	443	μS/cm	Sampling undertaken
Point 7	31/00/22	Daily during discharge	Oil and Grease	0.5	mg/L	on 7/08/2022 in
1 Onic 7		Daily during discharge	pH	8.1	pH	response to
		Daily during discharge	Total Suspended Solids	68	mg/L	uncontrolled
		Daily during discharge	Turbidity	95	1116/ L	discharge. Due to
		Daily during discharge	Tarbiaity	33		higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	31/08/22	Daily during discharge	Conductivity	382	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	0.6	mg/L	on 7/08/2022 in
		Daily during discharge	pH	7.4	рН	response to
		Daily during discharge	Total Suspended Solids	18	mg/L	uncontrolled
		Daily during discharge	Turbidity	18	NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	382	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.3	mg/L	on 7/08/2022 in
		Daily during discharge	pH	8.5	рН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled
		Daily during discharge	Turbidity	30	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	31/08/22	Daily during discharge	Conductivity	331	μS/cm	Sampling undertaken
Point 7	- , - - -	Daily during discharge	Oil and Grease	0.2	mg/L	on 6/08/2022 in
-		Daily during discharge	pH	7.2	pH	response to
		Daily during discharge	Total Suspended Solids	8	mg/L	uncontrolled
		Daily during discharge	Turbidity	10	- J	discharge. Due to
		, , , , , , , , , , , , , , , , , , , ,		==		higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
	31/08/22	Daily during discharge	Conductivity	426	μS/cm	

		Date		Environmental Monit	Measure		Comment
Point 9	Location		Monitoring Frequency	Pollutant		Unit	Comment
Daily during discharge Daily during discha	_			Oil and Grease			-
Monitoring Point 10 Daily during discharge	Point 9					pН	
Monitoring Point 10				Total Suspended Solids	24	mg/L	-
Monitoring Point 10 Sampling undertaken Daily during discharge			Daily during discharge	Turbidity	21		
Daily during discharge Total Suspended Solids 8 mg/L Daily during discharge Total Suspended ND MTU Daily during discharge Daily		2 . /2 2 /2 2					_
Daily during discharge Daily during discharge Total Suspended Solids 8 mg/L Daily during discharge Total Suspended Solids 8 mg/L Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily during di		31/08/22				• •	
Daily during discharge Total Suspended Solids 8 mg/L discharge Daily during discharge Total Suspended Solids 8 mg/L discharge Daily during discharge Conductivity ND	Point 10						
Monitoring Point 6 Daily during discharge				1			<u> </u>
Daily during discharge Daily during disch				•			
Point 6 Point 6 Daily during discharge Turbidity ND NTU			Daily during discharge	Turbidity	30	NIU	discridinge.
Point 6 Point 6 Daily during discharge Turbidity ND NTU	Monitoring		Daily during discharge	Conductivity	ND	uS/cm	No controlled
Daily during discharge Total Suspended Solids ND mg/L				·			
Daily during discharge Daily during discharge Total Suspended Solids ND mg/L	1 on to						discridinge initiated
Daily during discharge Total Suspended Solids ND mg/L							
Monitoring Point 7 Daily during discharge Conductivity Size Daily during discharge Total Suspended Solids 11 mg/L response to uncontrolled discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Daily during discharge Total Suspended Solids Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily du							
Monitoring Point 7 Point 9 Poi						_	
Point 7 Daily during discharge Dil and Grease	Monitoring	31/08/22		·			Sampling undertaken
Daily during discharge Daily during discha	_	31/00/22		•			_
Daily during discharge Total Suspended Solids 11 mg/L discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.							
Daily during discharge Turbidity 17				•			•
Monitoring Point 10 Daily during discharge Total Suspended Solids 18 mg/L discharge Daily during discharge Total Suspended Solids 6.5 mg/L Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids Daily during discharge Daily during discharge Total Suspended Solids Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Dail				•		1116/-	
Monitoring Point 9 Daily during discharge Total Suspended Solids As a public discharge Daily during discharge Daily during discharge Total Suspended Solids As a public discharge Daily during discharge Turbidity Daily during discharge Turbidity Daily during discharge Daily during discharge Turbidity Daily during discharge Daily during discharge Daily during discharge Turbidity Daily during discharge Da			Daily during discridings	Tar Sidiley			_
Monitoring Point 9 Daily during discharge Turbidity 384							_
Monitoring Point 9 Daily during discharge Daily during discharg							high groundwater
Monitoring Point 9 Daily during discharge PH Daily during discharge Daily during discharge PH Daily during discharge Total Suspended Solids ND mg/L Daily during discharge							table dewatering of
Monitoring Point 9 Daily during discharge Total Suspended Solids 18 mg/L discharge.							Lower Dam is not
Point 9 Daily during discharge Daily during discharge Daily during discharge Oil and Grease <0.1 mg/L Monitoring Daily during discharge on 5/08/2022 in response to uncontrolled discharge. Monitoring Point 10 31/08/22 Daily during discharge Daily during discharge Conductivity 384 μS/cm Monitoring Daily during discharge Sampling undertaken on 5/08/2022 in response to uncontrolled discharge. Point 10 Daily during discharge Daily during discharge Dil and Grease 0.2 mg/L Daily during discharge Sampling undertaken on 5/08/2022 in response to uncontrolled discharge. Monitoring Point 6 Daily during discharge Total Suspended Solids 6.5 mg/L Daily during discharge NTU NTU NS/cm Daily during discharge ND controlled discharge. Point 6 Daily during discharge Daily during discharge PI ND pH Daily during discharge ND pH Daily during discharge ND pH Daily during discharge ND NTU NTU Sampling undertaken on 5/08/2022 in response to uncontrolled discharge initiated Monitoring Point 7 Daily during discharge Turbidity ND NTU NTU Sampling undertaken on 4/08/2022 in response to uncontrolled discharge Daily during discharge Daily during discharge <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Daily during discharge Daily during discha	_	31/08/22		·		• •	
Daily during discharge Total Suspended Solids 18 mg/L Daily during discharge Turbidity 21 NTU Daily during discharge Daily during discharge Daily during discharge Oil and Grease O.2 mg/L Daily during discharge Total Suspended Solids 6.5 mg/L Daily during discharge Daily during discharge Turbidity 30 NTU Daily during discharge Daily during discharge Flow ND KL/day Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily during discharge Turbidity ND NTU Daily during discharge Total Suspended Solids Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids Daily during discharge Daily during discharge Total Suspended Solids Daily during discharge Daily during discharge Total Suspended Solids Daily during discharge Daily during discharge Total Suspended Solids Daily during discharge Daily during discharge Total Suspended Solids Daily during discharge Daily during discharge Total Suspended Solids Daily during discharge Daily during discharge Total Suspended Solids Daily during discharge Daily during discharge Total Suspended Solids Daily during discharge Daily during discharge Total Suspended Solids Daily during discharge Daily during discharge Total Suspended Solids Daily during discharge Daily during discharge Total Suspended Solids Daily during discharge Daily during discharge Total Suspended Solids Daily during discharge Daily during discharge Total Suspended Solids Daily during discharge Daily during disch	Point 9			Oil and Grease			
Daily during discharge Turbidity 21 NTU discharge Monitoring Daily during discharge Conductivity 384 µS/cm Daily during discharge Total Suspended Solids 6.5 mg/L response to uncontrolled discharge.				<u> </u>			<u> </u>
Monitoring Point 10 Sally during discharge Daily during discharge Total Suspended Solids G.5 mg/L mresponse to uncontrolled discharge.							
Point 10 Daily during discharge Oil and Grease 0.2 mg/L on 5/08/2022 in response to uncontrolled discharge Daily during discharge Total Suspended Solids 6.5 mg/L neg/L				·			-
Daily during discharge Daily during discharge Total Suspended Solids G.5 mg/L discharge Daily during discharge Turbidity 30 NTU NTU NTU Philade Phi	_	31/08/22		·			-
Daily during discharge Total Suspended Solids 6.5 mg/L uncontrolled discharge.	Point 10						
Daily during discharge Turbidity 30 NTU discharge				•			•
Monitoring Point 6 Daily during discharge Flow ND KL/day Daily during discharge Flow ND MD KL/day Daily during discharge PH ND PH Daily during discharge Total Suspended Solids ND MTU							
Point 6 Daily during discharge Flow ND KL/day Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Turbidity ND NTU Monitoring Point 7 Monitoring Point 7 Monitoring Point 7 Daily during discharge Conductivity 342 µS/cm Daily during discharge Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids 6.5 mg/L Turbidity Daily during discharge Total Suspended Solids 6.5 mg/L Daily during discharge Turbidity Turbidity Daily during discharge Turbidity Turb			Daily during discharge	Turbidity	30	NTU	discharge.
Point 6 Daily during discharge Flow ND KL/day Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Turbidity ND NTU Monitoring Point 7 Monitoring Point 7 Monitoring Point 7 Daily during discharge Conductivity 342 µS/cm Daily during discharge Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids 6.5 mg/L Turbidity Daily during discharge Total Suspended Solids 6.5 mg/L Daily during discharge Turbidity Turbidity Daily during discharge Turbidity Turb	Marsita		Doily during dis-las-	Canduativity	ND		No sentus III
Daily during discharge Dil and Grease ND mg/L Daily during discharge pH ND pH Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Turbidity ND NTU Monitoring Point 7 Monitoring Daily during discharge Conductivity 342 µS/cm Daily during discharge Oil and Grease <0.1 mg/L Daily during discharge pH 7.1 pH response to uncontrolled discharge. Daily during discharge Turbidity 11 Turbidity 11 NTU possible.	_			·			
Daily during discharge pH ND pH Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Turbidity ND NTU Monitoring Point 7 Daily during discharge Conductivity 342 µS/cm Daily during discharge Oil and Grease <0.1 mg/L Daily during discharge pH 7.1 pH response to uncontrolled discharge. Daily during discharge Total Suspended Solids 6.5 mg/L Daily during discharge Turbidity 11 Daily during discharge Turbidity 11 NTU possible.	Point 6						discharge initiated
Daily during discharge Turbidity ND NTU Monitoring Point 7 Daily during discharge Turbidity ND NTU Daily during discharge Conductivity 342 µS/cm Daily during discharge Oil and Grease <0.1 mg/L Daily during discharge pH 7.1 pH response to uncontrolled discharge. Daily during discharge Daily during discharge Turbidity 11 Daily during discharge Turbidity 11 NTU possible.							
Daily during discharge Turbidity ND NTU				•			
Monitoring Point 7 31/08/22 Daily during discharge D				· ·			
Point 7 Daily during discharge Dil and Grease <0.1 mg/L Daily during discharge pH 7.1 pH response to uncontrolled discharge. Daily during discharge Daily during discharge Total Suspended Solids 6.5 mg/L Daily during discharge Turbidity 11 discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.	Monitorina	21 /00 /22		·			Campling undertaken
Daily during discharge pH 7.1 pH response to uncontrolled discharge. Daily during discharge Turbidity 11 discharge monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.		21/08/22		·		_	-
Daily during discharge Daily during discharge Turbidity Turbidi	i Onit /						
Daily during discharge Turbidity 11 discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.				•			<u> </u>
higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not NTU possible.						IIIg/L	
monthly rainfall and high groundwater table dewatering of Lower Dam is not NTU possible.			bany daring discharge	Tarbiarcy	11		_
high groundwater table dewatering of Lower Dam is not NTU possible.							
table dewatering of Lower Dam is not NTU possible.							-
Lower Dam is not NTU possible.							
							_
31/08/22 Daily during discharge Conductivity 386 µS/cm						NTU	possible.
		31/08/22	Daily during discharge	Conductivity	386	μS/cm	

	Date	Duffillore Quarry	' Environmental Monit			Comment
Location	Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	<0.1	mg/L	Sampling undertaken
Point 9		Daily during discharge	рН	8.5	рН	on 4/08/2022 in
		Daily during discharge	Total Suspended Solids	89	mg/L	response to
		Daily during discharge	Turbidity	60		uncontrolled
					NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	380	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 4/08/2022 in
		Daily during discharge	pH	8.5	pH	response to
		Daily during discharge	Total Suspended Solids	5	mg/L	uncontrolled
		Daily during discharge	Turbidity	33	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	31/08/22	Daily during discharge	Conductivity	389	μS/cm	Sampling undertaken
Point 7	-, -, -,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 3/08/2022 in
		Daily during discharge	рН	7.9	pH	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled
		Daily during discharge	Turbidity	17		discharge. Due to
		, , ,	,			higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
N.A. mita wina	24 /00 /22	Daile devisa diashawa	Canadinatinity	274	NTU	possible.
Monitoring Point 9	31/08/22	Daily during discharge	Conductivity	374	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 3/08/2022 in response to
		Daily during discharge Daily during discharge	pH Total Suspended Solids	7.2 9	pH mg/l	uncontrolled
		Daily during discharge	Turbidity	13	mg/L NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	384	μS/cm	Sampling undertaken
Point 10	31/06/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 3/08/2022 in
1 01110 10		Daily during discharge	pH	8.5	pH	response to
		Daily during discharge	Total Suspended Solids	6.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	40	NTU	discharge.
		Daily during discharge	Turbiaity	40	1410	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	31/08/22	Daily during discharge	Conductivity	435	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.2	mg/L	on 2/08/2022 in
		Daily during discharge	pH	8.0	рН	response to
		Daily during discharge	Total Suspended Solids	34	mg/L	uncontrolled
		Daily during discharge	Turbidity	90		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of Lower Dam is not
					NTU	possible.
	31/08/22	Daily during discharge	Conductivity	388	μS/cm	μυσοινία.
	21/00/22	Leany during discharge	Conductivity	300	μ3/ ιπ	

		Dunmore Quarry	Environmental Monitoring Report			T
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	0.3	mg/L	Sampling undertaken
Point 9		Daily during discharge	рН	7.4	рН	on 2/08/2022 in
		Daily during discharge	Total Suspended Solids	20	mg/L	response to
		Daily during discharge	Turbidity	16		uncontrolled
					NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	380	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.3	mg/L	on 2/08/2022 in
		Daily during discharge	рH	8.5	рН	response to
		Daily during discharge	Total Suspended Solids	24	mg/L	uncontrolled
		Daily during discharge	Turbidity	34	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	ansonar go minatou
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	31/08/22	Daily during discharge	Conductivity	359	μS/cm	Sampling undertaken
Point 7	31,00,22	Daily during discharge	Oil and Grease	0.2	mg/L	on 1/08/2022 in
		Daily during discharge	pH	7.6	pH	response to
		Daily during discharge	Total Suspended Solids	6.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	17	1116/-	discharge. Due to
		Daily during discharge	raibiaity			higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	31/08/22	Daily during discharge	Conductivity	365	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	0.3	mg/L	on 1/08/2022 in
		Daily during discharge	рН	7.3	рН	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled
		Daily during discharge	Turbidity	10	NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	377	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.3	mg/L	on 1/08/2022 in
		Daily during discharge	рН	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled
		Daily during discharge	Turbidity	39	NTU	discharge.
			July 2022			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	31/08/22	Daily during discharge	Conductivity	388	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.3	mg/L	on 31/07/2022 in
		Daily during discharge	рН	7.4	рН	response to
	i	Daily, dyning diadagae	Total Suspended Solids	12	mg/L	uncontrolled
		Daily during discharge	Total Suspended Solids			
		Daily during discharge Daily during discharge	Turbidity	35	1116/ 2	discharge. Due to
					6/ =	higher than average
					6/ 2	higher than average monthly rainfall and
					6/ 2	higher than average monthly rainfall and high groundwater
					6/ 2	higher than average monthly rainfall and high groundwater table dewatering of
						higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not
	31/08/22				NTU μS/cm	higher than average monthly rainfall and high groundwater table dewatering of

	D-4	I	Environmental ivionit			6
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	0.2	mg/L	Sampling undertaken
Point 9		Daily during discharge	pH	7.2	рН	on 31/07/2022 in
		Daily during discharge	Total Suspended Solids	14	mg/L	response to
		Daily during discharge	Turbidity	14		uncontrolled
					NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	374	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.2	mg/L	on 31/07/2022 in
		Daily during discharge	pH	7.6	рН	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled
		Daily during discharge	Turbidity	40	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	31/08/22	Daily during discharge	Conductivity	448	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 30/07/2022 in
		Daily during discharge	pH	7.5	рН	response to
		Daily during discharge	Total Suspended Solids	60	mg/L	uncontrolled
		Daily during discharge	Turbidity	130		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
	24 /22 /22	5 11 1 1 11 1	0 1	242	NTU	possible.
Monitoring	31/08/22	Daily during discharge	Conductivity	349	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 30/07/2022 in
		Daily during discharge	pH	7.4	pH	response to
		Daily during discharge	Total Suspended Solids	13	mg/L	uncontrolled discharge.
	24 /00 /22	Daily during discharge	Turbidity	14	NTU	
Monitoring	31/08/22	Daily during discharge	Conductivity	385	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 30/07/2022 in
		Daily during discharge	pH	7.5	pН	response to uncontrolled
		Daily during discharge	Total Suspended Solids	22	mg/L	discharge.
		Daily during discharge	Turbidity	50	NTU	uischarge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	326	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 29/07/2022 in
		Daily during discharge	рН	7.1	рН	response to
		Daily during discharge	Total Suspended Solids	8.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	16		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
	40/22/	B 11 1 1 1 1 1 1	0 1		NTU	possible.
	10/08/22	Daily during discharge	Conductivity	350	μS/cm	·

	Data	Dummore Quarry	Environmental Monit			Commont
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	<0.1	mg/L	Sampling undertaken
Point 9		Daily during discharge	рН	6.9	рН	on 29/07/2022 in
		Daily during discharge	Total Suspended Solids	40	mg/L	response to
		Daily during discharge	Turbidity	29		uncontrolled
					NTU	discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	371	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 29/07/2022 in
		Daily during discharge	pH	8.3	рН	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled
		Daily during discharge	Turbidity	42	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	_
		Daily during discharge	pН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	441	μS/cm	Sampling undertaken
Point 7	, ,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/07/2022 in
		Daily during discharge	pH	8.1	pH	response to
		Daily during discharge	Total Suspended Solids	86	mg/L	uncontrolled
		Daily during discharge	Turbidity	150	O,	discharge. Due to
		, , ,	,			higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	342	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/07/2022 in
		Daily during discharge	рН	7.4	рН	response to
		Daily during discharge	Total Suspended Solids	60	mg/L	uncontrolled
		Daily during discharge	Turbidity	38	NTU	discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	342	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/07/2022 in
		Daily during discharge	pH	7.4	рН	response to
		Daily during discharge	Total Suspended Solids	60	mg/L	uncontrolled
		Daily during discharge	Turbidity	38	NTU	discharge.
		T	T .	T		
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	447	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/07/2022 in
		Daily during discharge	pH	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	86	mg/L	uncontrolled
		Daily during discharge	Turbidity	180		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
	10/08/22	Daily during discharge	Conductivity	333	μS/cm	

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	<0.1	mg/L	Sampling undertaken
Point 9		Daily during discharge	pH	7.3	рН	on 27/07/2022 in
		Daily during discharge	Total Suspended Solids	10	mg/L	response to
		Daily during discharge	Turbidity	11		uncontrolled
					NTU	discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	365	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/07/2022 in
		Daily during discharge	pH	8.2	pН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled
		Daily during discharge	Turbidity	45	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	31/08/22	Daily during discharge	Conductivity	302	μS/cm	Sampling undertaken
Point 7	0=,00,==	Daily during discharge	Oil and Grease	<0.1	mg/L	on 26/07/2022 in
		Daily during discharge	рН	7.1	pH	response to
		Daily during discharge	Total Suspended Solids	6.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	12		discharge. Due to
		, , ,	,			higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	31/08/22	Daily during discharge	Conductivity	315	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	0.3	mg/L	on 26/07/2022 in
		Daily during discharge	pH	7.0	pН	response to
		Daily during discharge	Total Suspended Solids	34	mg/L	uncontrolled
		Daily during discharge	Turbidity	22	NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	348	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.1	mg/L	on 26/07/2022 in
		Daily during discharge	рH	8.4	pН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled
		Daily during discharge	Turbidity	50	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	31/08/22	Daily during discharge	Conductivity	438	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 25/07/2022 in
		Daily during discharge	pH	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	58	mg/L	uncontrolled
		Daily during discharge	Turbidity	140		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
	04 /00 /==	.	0 1		NTU	possible.
	31/08/22	Daily during discharge	Conductivity	301	μS/cm	

	Date	Dannore Quarry	Environmental Monit	Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	<0.1	mg/L	Sampling undertaken
Point 9		Daily during discharge	pH	7	pН	on 25/07/2022 in
		Daily during discharge	Total Suspended Solids	18	mg/L	response to
		Daily during discharge	Turbidity	15		uncontrolled
	24 /00 /22	D 11 1 1 1 1 1	0 1 11 11	260	NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	360	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 25/07/2022 in response to
		Daily during discharge	pH	8.6	pH	uncontrolled
		Daily during discharge Daily during discharge	Total Suspended Solids Turbidity	8 50	mg/L NTU	discharge.
		Daily during discharge	Turbluity	30	INTO	ulocharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	alsonarge initiated
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	31/08/22	Daily during discharge	Conductivity	279	μS/cm	Sampling undertaken
Point 7	- ,,	Daily during discharge	Oil and Grease	0.1	mg/L	on 24/07/2022 in
		Daily during discharge	рН	7.4	pH	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled
		Daily during discharge	Turbidity	19	<u> </u>	discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NITTI	Lower Dam is not
Monitoring	31/08/22	Daily during discharge	Conductivity	291	NTU μS/cm	possible. Sampling undertaken
Point 9	31/08/22	Daily during discharge	Oil and Grease	0.2	mg/L	on 24/07/2022 in
1 omit 5		Daily during discharge	pH	7.2	рH	response to
		Daily during discharge	Total Suspended Solids	7.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	15	NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	348	μS/cm	Sampling undertaken
Point 10	0 = , 0 0 , = =	Daily during discharge	Oil and Grease	0.3	mg/L	on 24/07/2022 in
		Daily during discharge	рН	8.5	pH	response to
		Daily during discharge	Total Suspended Solids	18	mg/L	uncontrolled
		Daily during discharge	Turbidity	45	NTU	discharge.
Monitoring	· · · · · · · · · · · · · · · · · · ·	Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	31/08/22	Daily during discharge	Conductivity	278	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 23/07/2022 in
		Daily during discharge	pH	7.3	pH	response to
		Daily during discharge	Total Suspended Solids	20	mg/L	uncontrolled
		Daily during discharge	Turbidity	37		discharge. Due to
						higher than average monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
	31/08/22	Daily during discharge	Conductivity	287	μS/cm	

Location	Date	Monitoring Frequency	Pollutant	Measure	Unit	Comment
Monitoring	Received		Oil and Grease	ment <0.1	ma/l	Sampling undertaken
Monitoring Point 9		Daily during discharge Daily during discharge	pH	7.3	mg/L pH	Sampling undertaken on 23/07/2022 in
Tollic 5		Daily during discharge	Total Suspended Solids	20	mg/L	response to
		Daily during discharge	Turbidity	27	IIIg/ L	uncontrolled
		Daily during discharge	Turblaity	27	NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	367	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.2	mg/L	on 23/07/2022 in
		Daily during discharge	pH	8.3	рН	response to
		Daily during discharge	Total Suspended Solids	9	mg/L	uncontrolled
		Daily during discharge	Turbidity	50	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	alsonarge initiated
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	31/08/22	Daily during discharge	Conductivity	320	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.2	mg/L	on 22/07/2022 in
		Daily during discharge	рН	7.4	pН	response to
		Daily during discharge	Total Suspended Solids	8.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	23		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NTU	Lower Dam is not possible.
Monitoring	31/08/22	Daily during discharge	Conductivity	329	μS/cm	Sampling undertaken
Point 9	31/00/22	Daily during discharge	Oil and Grease	0.3	mg/L	on 22/07/2022 in
1 onic 5		Daily during discharge	pH	7.4	рH	response to
		Daily during discharge	Total Suspended Solids	4.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	12	NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	374	μS/cm	Sampling undertaken
Point 10	, ,	Daily during discharge	Oil and Grease	0.3	mg/L	on 22/07/2022 in
		Daily during discharge	рН	8.4	pН	response to
		Daily during discharge	Total Suspended Solids	6.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	36	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND ND	μ3/cm KL/day	discharge initiated
i onite o		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
		Daily during discharge	рН	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	317	μS/cm	Sampling undertaken
Point 7	,,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 21/07/2022 in
		Daily during discharge	рН	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	6	mg/L	uncontrolled
		Daily during discharge	Turbidity	22		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
	10/00/22	Dath, don't - dt 1	Canadicaticity	450	NTU C./area	possible.
	10/08/22	Daily during discharge	Conductivity	458	μS/cm	

	Data	Dannere Quarry	' Environmental Monit	· · · · · · · · · · · · · · · · · · ·	J. C	Communit
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	<0.1	mg/L	Sampling undertaken
Point 9		Daily during discharge	pH	8.1	pН	on 21/07/2022 in
		Daily during discharge	Total Suspended Solids	132	mg/L	response to
		Daily during discharge	Turbidity	220	NTU	uncontrolled discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	370	μS/cm	Sampling undertaken
Point 10	10/00/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 21/07/2022 in
1 01110 10		Daily during discharge	pH	8.2	рH	response to
		Daily during discharge	Total Suspended Solids	13	mg/L	uncontrolled
		Daily during discharge	Turbidity	36	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	319	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/07/2022 in
		Daily during discharge	pH	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	8.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	13		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NTU	Lower Dam is not possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	347	μS/cm	Sampling undertaken
Point 9	10,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/07/2022 in
· ome s		Daily during discharge	рН	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	20	mg/L	uncontrolled
		Daily during discharge	Turbidity	15	NTU	discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	527	μS/cm	Sampling undertaken
Point 10	20,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/07/2022 in
		Daily during discharge	рН	7.8	pH	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled
		Daily during discharge	Turbidity	34	NTU	discharge.
			· ·		I.	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	334	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 19/07/2022 in
		Daily during discharge	pH	7.3	рН	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled
		Daily during discharge	Turbidity	12		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of Lower Dam is not
					NTU	possible.
	10/08/22	Daily during discharge	Conductivity	348	μS/cm	ρυσσιμίε.
	10/00/22	pany during discharge	Conductivity	340	μ3/ τι ιι	

Location	Date	Monitoring Frequency	Pollutant	Measure	Unit	Comment
	Received			ment		
Monitoring		Daily during discharge	Oil and Grease	<0.1	mg/L	Sampling undertaken
Point 9		Daily during discharge	pH	7.2	pН	on 19/07/2022 in
		Daily during discharge	Total Suspended Solids	10	mg/L	response to
		Daily during discharge	Turbidity	10	NTU	uncontrolled discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	378	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 19/07/2022 in
		Daily during discharge	рH	8.2	pН	response to
		Daily during discharge	Total Suspended Solids	8	mg/L	uncontrolled
		Daily during discharge	Turbidity	36	NTU	discharge.
		T =	T		- /	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	324	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 18/07/2022 in
		Daily during discharge	pH	7.1	pН	response to
		Daily during discharge	Total Suspended Solids	4	mg/L	uncontrolled
		Daily during discharge	Turbidity	13		discharge. Due to
						higher than average monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	337	μS/cm	Sampling undertaken
Point 9	-,,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 18/07/2022 in
		Daily during discharge	рН	7.2	pH	response to
		Daily during discharge	Total Suspended Solids	5	mg/L	uncontrolled
		Daily during discharge	Turbidity	8.9	NTU	discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	374	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 18/07/2022 in
		Daily during discharge	pН	8.2	pН	response to
		Daily during discharge	Total Suspended Solids	8.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	37	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
	. = 4	Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	330	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 17/07/2022 in
		Daily during discharge	pH	7.2	pН	response to
		Daily during discharge	Total Suspended Solids	9	mg/L	uncontrolled
		Daily during discharge	Turbidity	25		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of Lower Dam is not
					NTU	possible.
	10/08/22	Daily during discharge	Conductivity	335	μS/cm	ρυσσιμίε.
	10/00/22	Daily during discharge	Conductivity	222	μο/ιπ	

	Data	Turmore quarry	Environmental Monit			Comment
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	<0.1	mg/L	Sampling undertaken
Point 9		Daily during discharge	рН	7.1	рН	on 17/07/2022 in
		Daily during discharge	Total Suspended Solids	15	mg/L	response to
		Daily during discharge	Turbidity	15		uncontrolled
					NTU	discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	369	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 17/07/2022 in
		Daily during discharge	pH	8.0	pН	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled
		Daily during discharge	Turbidity	37	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	447	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 16/07/2022 in
		Daily during discharge	рH	8.1	pН	response to
		Daily during discharge	Total Suspended Solids	100	mg/L	uncontrolled
		Daily during discharge	Turbidity	150	<u> </u>	discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	316	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 16/07/2022 in
		Daily during discharge	pH	7.0	pН	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled
		Daily during discharge	Turbidity	9.8	NTU	discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	370	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 16/07/2022 in
		Daily during discharge	pН	8.0	рН	response to
		Daily during discharge	Total Suspended Solids	20	mg/L	uncontrolled
		Daily during discharge	Turbidity	40	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	J
		Daily during discharge	рH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	445	μS/cm	Sampling undertaken
Point 7	, ,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 15/07/2022 in
		Daily during discharge	рН	7.9	pН	response to
		Daily during discharge	Total Suspended Solids	124	mg/L	uncontrolled
		Daily during discharge	Turbidity	15	-01 -	discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
	10/08/22	Daily during discharge	Conductivity	312	μS/cm	

	Data	Turmore Quarry	Environmental Monit			Commont
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	<0.1	mg/L	Sampling undertaken
Point 9		Daily during discharge	рН	7.0	pН	on 15/07/2022 in
		Daily during discharge	Total Suspended Solids	8.5	mg/L	response to
		Daily during discharge	Turbidity	12		uncontrolled
					NTU	discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	388	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 15/07/2022 in
		Daily during discharge	pH	8.5	pН	response to
		Daily during discharge	Total Suspended Solids	21	mg/L	uncontrolled
		Daily during discharge	Turbidity	45	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	J
		Daily during discharge	pH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	312	μS/cm	Sampling undertaken
Point 7	, ,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 14/07/2022 in
		Daily during discharge	pH	7.3	pН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled
		Daily during discharge	Turbidity	19	- Oi	discharge. Due to
		, ,	,			higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	292	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 14/07/2022 in
		Daily during discharge	pН	7.2	рН	response to
		Daily during discharge	Total Suspended Solids	6	mg/L	uncontrolled
		Daily during discharge	Turbidity	10	NTU	discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	374	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 14/07/2022 in
		Daily during discharge	pH	7.8	pН	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled
		Daily during discharge	Turbidity	36	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	334	μS/cm	Sampling undertaken
Point 7	10,00,12	Daily during discharge	Oil and Grease	<0.1	mg/L	on 13/07/2022 in
		Daily during discharge	pH	7.3	pH	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled
		Daily during discharge	Turbidity	36	6/ -	discharge. Due to
		Daily dailing discharge	, ar brancy	30		higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
	10/08/22	Daily during discharge	Conductivity	277	μS/cm	

	<u> </u>	Duffillore Quarry	Environmental Monit		וונ	
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	<0.1	mg/L	Sampling undertaken
Point 9		Daily during discharge	рН	7.0	рН	on 13/07/2022 in
		Daily during discharge	Total Suspended Solids	9.5	mg/L	response to
		Daily during discharge	Turbidity	13		uncontrolled
					NTU	discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	377	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 13/07/2022 in
		Daily during discharge	pH	8.0	pН	response to
		Daily during discharge	Total Suspended Solids	17	mg/L	uncontrolled
		Daily during discharge	Turbidity	42	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	J
		Daily during discharge	рН	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	304	μS/cm	Sampling undertaken
Point 7	-,,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 12/07/2022 in
		Daily during discharge	pH	7.1	pH	response to
		Daily during discharge	Total Suspended Solids	9.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	27		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	279	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 12/07/2022 in
		Daily during discharge	рН	6.7	рН	response to
		Daily during discharge	Total Suspended Solids	28	mg/L	uncontrolled
		Daily during discharge	Turbidity	27	NTU	discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	404	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 12/07/2022 in
		Daily during discharge	рН	7.7	рН	response to
		Daily during discharge	Total Suspended Solids	19	mg/L	uncontrolled
		Daily during discharge	Turbidity	40	NTU	discharge.
		T	T	I	I .	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	243	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 11/07/2022 in
		Daily during discharge	рН	6.8	рН	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled
		Daily during discharge	Turbidity	28		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
	10/08/22	Daily during discharge	Conductivity	236	μS/cm	

Lasakian	Date		Pallytant	Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	
Monitoring		Daily during discharge	Oil and Grease	<0.1	mg/L	Sampling undertaken
Point 9		Daily during discharge	pH	7.0	pН	on 11/07/2022 in
		Daily during discharge	Total Suspended Solids	189	mg/L	response to
		Daily during discharge	Turbidity	25	NTU	uncontrolled discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	402	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 11/07/2022 in
		Daily during discharge	рH	7.7	pН	response to
		Daily during discharge	Total Suspended Solids	33	mg/L	uncontrolled
		Daily during discharge	Turbidity	38	NTU	discharge.
			To		I 6/	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	256	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 10/07/2022 in
		Daily during discharge	pH	7.1	pН	response to
		Daily during discharge	Total Suspended Solids	43	mg/L	uncontrolled
		Daily during discharge	Turbidity	60		discharge. Due to
						higher than average monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	240	μS/cm	Sampling undertaken
Point 9	10,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 10/07/2022 in
		Daily during discharge	pH	6.8	pH	response to
		Daily during discharge	Total Suspended Solids	19	mg/L	uncontrolled
		Daily during discharge	Turbidity	29	NTU	discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	404	μS/cm	Sampling undertaken
Point 10	20,00, 22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 10/07/2022 in
		Daily during discharge	рН	8.0	pH	response to
		Daily during discharge	Total Suspended Solids	17	mg/L	uncontrolled
		Daily during discharge	Turbidity	40	NTU	discharge.
		, , ,	•		l	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	428	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 9/07/2022 in
		Daily during discharge	рH	7.7	pН	response to
		Daily during discharge	Total Suspended Solids	86	mg/L	uncontrolled
		Daily during discharge	Turbidity	120		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NTU	Lower Dam is not possible.
	10/08/22	Daily during discharge	Conductivity	261		possible.
	10/08/22	Daily during discharge	Conductivity	261	μS/cm	

	Data	T Duriniore Quarry	Environmental Monit			Commont
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	<0.1	mg/L	Sampling undertaken
Point 9		Daily during discharge	рН	6.9	рН	on 9/07/2022 in
		Daily during discharge	Total Suspended Solids	18	mg/L	response to
		Daily during discharge	Turbidity	17		uncontrolled
					NTU	discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	388	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 9/07/2022 in
		Daily during discharge	pH	8.1	рН	response to
		Daily during discharge	Total Suspended Solids	16	mg/L	uncontrolled
		Daily during discharge	Turbidity	39	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	J
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	410	μS/cm	Sampling undertaken
Point 7	, ,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 8/07/2022 in
		Daily during discharge	рН	8.0	pH	response to
		Daily during discharge	Total Suspended Solids	122	mg/L	uncontrolled
		Daily during discharge	Turbidity	150	- Oi	discharge. Due to
		, , ,	,			higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	374	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 8/07/2022 in
		Daily during discharge	рН	8.3	pН	response to
		Daily during discharge	Total Suspended Solids	6.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	35	NTU	discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	204	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 8/07/2022 in
		Daily during discharge	рН	7.1	рН	response to
		Daily during discharge	Total Suspended Solids	21	mg/L	uncontrolled
		Daily during discharge	Turbidity	16	NTU	discharge.
N.4		Della da de la de	Conducti "			No sout III I
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH '	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	224	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 7/07/2022 in
		Daily during discharge	рН	7.1	рН	response to
		Daily during discharge	Total Suspended Solids	6.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	22		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NITI I	Lower Dam is not
	40/00/22	Dath do 1 P 1	Canada at 11	250	NTU	possible.
	10/08/22	Daily during discharge	Conductivity	369	μS/cm	

		Daninore Quarry	Environmental Monit		1	
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	<0.1	mg/L	Sampling undertaken
Point 9		Daily during discharge	pH	8.1	рН	on 7/07/2022 in
		Daily during discharge	Total Suspended Solids	4.5	mg/L	response to
		Daily during discharge	Turbidity	32	NTU	uncontrolled discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	190	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 7/07/2022 in
		Daily during discharge	рН	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	7	mg/L	uncontrolled
		Daily during discharge	Turbidity	25	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	, , , , , , , , , , , , , , , , , , ,
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	10/08/22	Daily during discharge	Conductivity	210	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 6/07/2022 in
		Daily during discharge	pH	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled
		Daily during discharge	Turbidity	24		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NITLI	Lower Dam is not
Monitoring	10/08/22	Daily during discharge	Conductivity	368	NTU μS/cm	possible. Sampling undertaken
Point 9	10/08/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 6/07/2022 in
1 ome 5		Daily during discharge	pH	8.2	pН	response to
		Daily during discharge	Total Suspended Solids	6	mg/L	uncontrolled
		Daily during discharge	Turbidity	34	NTU	discharge.
Monitoring	10/08/22	Daily during discharge	Conductivity	183	μS/cm	Sampling undertaken
Point 10	20,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 6/07/2022 in
		Daily during discharge	рН	7.4	pH	response to
		Daily during discharge	Total Suspended Solids	17	mg/L	uncontrolled
		Daily during discharge	Turbidity	25	NTU	discharge.
			June 2022			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	22/06/22	Daily during discharge	Conductivity	483	μS/cm	Monthly Sampling
Point 8		Daily during discharge	Oil and Grease	<0.1	mg/L	23/06/2022
		Daily during discharge	pH	8.2	pH	
		Daily during discharge	Total Suspended Solids	62	mg/L	
		Daily during discharge	Turbidity	75 NB	NTU	
Ì		Daily during discharge	Conductivity	ND	μS/cm	

	Data	Daninore Quarry	Environmental Monit	1	71 C	Commont
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	ND	mg/L	No controlled
Point 10		Daily during discharge	рН	ND	рН	discharge initiated
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			May 2022			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	5/07/2022	Daily during discharge	Conductivity	289	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 25/05/2022 in
		Daily during discharge	pH	7.1	рН	response to
		Daily during discharge	Total Suspended Solids	13	mg/L	uncontrolled
		Daily during discharge	Turbidity	22	NTU	discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Monitoring	5/07/2022	Daily during discharge	Conductivity	268	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 25/05/2022 in
		Daily during discharge	рН	6.9	рН	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	12	NTU	
Monitoring	5/07/2022	Daily during discharge	Conductivity	427	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 25/05/2022 in
		Daily during discharge	рН	8.0	рН	response to
		Daily during discharge	Total Suspended Solids	26	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	32	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	5/07/2022	Daily during discharge	Conductivity	278	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 24/05/2022 in
		Daily during discharge	рН	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	17	mg/L	uncontrolled
		Daily during discharge	Turbidity	21	NTU	discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Monitoring	5/07/2022	Daily during discharge	Conductivity	232	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 24/05/2022 in
		Daily during discharge	рН	6.8	pН	response to
		Daily during discharge	Total Suspended Solids	18	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	17	NTU	1
Monitoring	5/07/2022	Daily during discharge	Conductivity	434	μS/cm	Sampling undertaken
Point 10	-	Daily during discharge	Oil and Grease	<0.1	mg/L	on 24/05/2022 in

Lasation	Date		Pallistant	Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	
		Daily during discharge	рН	8.0	рН	response to
		Daily during discharge	Total Suspended Solids	25	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	40	NTU	
				1	1	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
	- /o- /o o o	Daily during discharge	Turbidity	ND	NTU	
Monitoring	5/07/2022	Daily during discharge	Conductivity	209	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 23/05/2022 in
		Daily during discharge	pH	7.0	pH	response to uncontrolled
		Daily during discharge	Total Suspended Solids	35	mg/L	discharge. Due to
		Daily during discharge	Turbidity	40		higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	5/07/2022	Daily during discharge	Conductivity	NA	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	NA	mg/L	on 23/05/2022 in
		Daily during discharge	рН	NA	pН	response to
		Daily during discharge	Total Suspended Solids	NA	mg/L	uncontrolled
		Daily during discharge	Turbidity	NA	<u> </u>	discharge. Monitoring
			·			site not accessible on
					NTU	the day
Monitoring	5/07/2022	Daily during discharge	Conductivity	417	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 23/05/2022 in
		Daily during discharge	pH	8.2	pН	response to
		Daily during discharge	Total Suspended Solids	16	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	28	NTU	
N 4 = i+ =i =	1	Daile desire diadense	Condition	ND		NI
Monitoring Point 6		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Politico		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge Daily during discharge	Oil and Grease	ND ND	mg/L	
		Daily during discharge	Total Suspended Solids	ND ND	pH mg/L	
		Daily during discharge	Turbidity	ND ND	NTU	
Monitoring	5/07/2022	Daily during discharge	Conductivity	469	μS/cm	Sampling undertaken
Point 7	3/0//2022	Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/05/2022 in
· ome /		Daily during discharge	pH	7.8	pH	response to
		Daily during discharge	Total Suspended Solids	81	mg/L	uncontrolled
		Daily during discharge	Turbidity	120	6/ -	discharge. Due to
		Daily daring discharge	Turbiancy	120		higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
						possible.
					NTU	
Monitoring	5/07/2022	Daily during discharge	Conductivity	332	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/05/2022 in
		Daily during discharge	рН	7.0	pН	response to
		Daily during discharge	Total Suspended Solids	32	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	15	NTU	

Location	Date Received	Monitoring Frequency	Pollutant	Measure	Unit	Comment
Monitoring	5/07/2022	Daily during discharge	Conductivity	ment 420	μS/cm	Sampling undertaken
Point 10	3/07/2022	Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/05/2022 in
1 01110 10		Daily during discharge	pH	8.1	pН	response to
		Daily during discharge	Total Suspended Solids	15	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	39	NTU	- amount one a disonal ge
		Daily during discharge	Turbiaity	33	INTO	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	-
Monitoring	3/06/22	Daily during discharge	Conductivity	454	μS/cm	Sampling undertaken
Point 7	3/00/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 19/05/2022 in
· ome /		Daily during discharge	pH	7.9	pH	response to
		Daily during discharge	Total Suspended Solids	116	mg/L	uncontrolled
		Daily during discharge	Turbidity	140	1116/ L	discharge. Due to
		Daily during discharge	Turbialty	140		higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	332	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 19/05/2022 in
		Daily during discharge	рН	7.1	pН	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	4.7	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	433	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 19/05/2022 in
		Daily during discharge	рН	8.1	pН	response to
		Daily during discharge	Total Suspended Solids	30	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	29	NTU	
			·			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	442	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 18/05/2022 in
		Daily during discharge	рН	7.7	рН	response to
		Daily during discharge	Total Suspended Solids	116	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	140		Due to higher than
						average monthly
						rainfall and high
						groundwater table
						dewatering of Lower
					NTU	Dam is not possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	327	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 18/05/2022 in
		Daily during discharge	pН	7.1	рН	response to
		Daily during discharge	Total Suspended Solids	28	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	8.4	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	430	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 18/05/2022 in

	Date	Dunmore Quarry		Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	
		Daily during discharge	рН	8.1	рН	response to
	1	Daily during discharge	Total Suspended Solids	28	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	35	NTU	
			,			
Monitoring	1	Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6	1	Daily during discharge	Flow	ND	KL/day	discharge initiated
	1	Daily during discharge	Oil and Grease	ND	mg/L	
	1	Daily during discharge	pH	ND	pН	
	1	Daily during discharge	Total Suspended Solids	ND	mg/L	_
	2/25/22	Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	449	μS/cm	Sampling undertaken
Point 7	1	Daily during discharge	Oil and Grease	<0.1	mg/L	on 17/05/2022 in
	1	Daily during discharge	pH	7.8	pH "	response to
	1	Daily during discharge	Total Suspended Solids	100	mg/L	uncontrolled discharge. Due to
	1	Daily during discharge	Turbidity	140		higher than average
	1					monthly rainfall and
	1					high groundwater
	1					table dewatering of
	1					Lower Dam is not
	1				NTU	possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	303	μS/cm	Sampling undertaken
Point 9	1	Daily during discharge	Oil and Grease	<0.1	mg/L	on 17/05/2022 in
	1	Daily during discharge	рН	7.2	рН	response to
	1	Daily during discharge	Total Suspended Solids	4	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	7.3	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	430	μS/cm	Sampling undertaken
Point 10	1	Daily during discharge	Oil and Grease	<0.1	mg/L	on 17/05/2022 in
	1	Daily during discharge	рН	8.1	рН	response to
	1	Daily during discharge	Total Suspended Solids	19	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	35	NTU	
		T	т .	T		T
Monitoring	1	Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6	1	Daily during discharge	Flow	ND	KL/day	discharge initiated
	1	Daily during discharge	Oil and Grease	ND	mg/L	-
	1	Daily during discharge	pH	ND	pH "	-
	1	Daily during discharge	Total Suspended Solids	ND	mg/L	_
N.A. or it or vice or	2/06/22	Daily during discharge	Turbidity	ND 200	NTU	Camandina unadantakan
Monitoring Point 7	3/06/22	Daily during discharge	Conductivity	296	μS/cm	Sampling undertaken
POIIIL 7	1	Daily during discharge	Oil and Grease	<0.1	mg/L	on 16/05/2022 in response to
	1	Daily during discharge Daily during discharge	pH Total Suspended Solids	7.0 10	pH mg/L	uncontrolled
	1	Daily during discharge	Turbidity	13	IIIg/L	discharge. Due to
	1	Daily during discharge	Turbialty	13		higher than average
	1					monthly rainfall and
	1					high groundwater
	1					table dewatering of
	1					Lower Dam is not
					NTU	possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	297	μS/cm	Sampling undertaken
Point 9	ı	Daily during discharge	Oil and Grease	<0.1	mg/L	on 16/05/2022 in
	ı	Daily during discharge	рН	7.0	рН	response to
	ı	Daily during discharge	Total Suspended Solids	6.5	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	6.9	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	424	μS/cm	Sampling undertaken
Point 10	ı	Daily during discharge	Oil and Grease	<0.1	mg/L	on 16/05/2022 in
		Daily during discharge	pН	8.2	рН	

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Total Suspended Solids	12	mg/L	response to
		Daily during discharge	Turbidity	27	NTU	uncontrolled discharge
1				I.		1
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	315	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 15/05/2022 in
		Daily during discharge	pH	6.8	рН	response to
		Daily during discharge	Total Suspended Solids	21	mg/L	uncontrolled
		Daily during discharge	Turbidity	29		discharge. Due to
						higher than average monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	277	μS/cm	Sampling undertaken
Point 9	, ,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 15/05/2022 in
		Daily during discharge	рН	6.8	pН	response to
		Daily during discharge	Total Suspended Solids	7	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	9	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	418	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 15/05/2022 in
		Daily during discharge	pН	8.2	pН	response to
		Daily during discharge	Total Suspended Solids	12	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	29	NTU	
			1	1		
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
	- 1 1	Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	360	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 14/05/2022 in
		Daily during discharge	pH	7.6	pН	response to uncontrolled
		Daily during discharge	Total Suspended Solids	90	mg/L	discharge. Due to
		Daily during discharge	Turbidity	160		higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	247	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 14/05/2022 in
		Daily during discharge	рН	7.1	pН	response to
		Daily during discharge	Total Suspended Solids	7.5	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	16	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	421	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 14/05/2022 in
		Daily during discharge	рН	8.2	pН	response to
		Daily during discharge	Total Suspended Solids	12	mg/L	uncontrolled discharge

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
	110001100	Daily during discharge	Turbidity	32	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	231	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 13/05/2022 in
		Daily during discharge	pH	7.1	pН	response to
		Daily during discharge	Total Suspended Solids	15	mg/L	uncontrolled
		Daily during discharge	Turbidity	35		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NITTI	Lower Dam is not
Monitoring	2/06/22	Daily during disabarga	Conductivity	102	NTU uS/sm	possible.
Monitoring Point 9	3/06/22	Daily during discharge	Conductivity Oil and Grease	192 <0.1	μS/cm mg/L	Sampling undertaken on 13/05/2022 in
Point 9		Daily during discharge Daily during discharge	pH	6.9	pH	response to
		Daily during discharge	Total Suspended Solids	14	-	uncontrolled discharge
		Daily during discharge	Turbidity	32	mg/L NTU	ancontrolled discharge
Monitoring	3/06/22	Daily during discharge	Conductivity	430	μS/cm	Sampling undertaken
Point 10	3/00/22	Daily during discharge	Oil and Grease	<0.1		on 13/05/2022 in
POINT 10		Daily during discharge	pH	8.2	mg/L pH	response to
		Daily during discharge	Total Suspended Solids			uncontrolled discharge
		Daily during discharge	Turbidity	14 31	mg/L NTU	ancontrolled discharge
		Daily during discharge	Turbluity	31	NIO	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND ND	KL/day	discharge initiated
Foilit		Daily during discharge	Oil and Grease	ND ND		discharge miliated
		Daily during discharge	pH	ND ND	mg/L pH	
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	
		Daily during discharge	Turbidity	ND ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	250	μS/cm	Sampling undertaken
Point 7	3/00/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 12/05/2022 in
1 Ollic 7		Daily during discharge	pH	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	20	mg/L	uncontrolled
		Daily during discharge	Turbidity	32	IIIg/L	discharge. Due to
		Daily during discharge	Turblaity	32		higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	217	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 12/05/2022 in
		Daily during discharge	рН	6.9	pН	response to
		Daily during discharge	Total Suspended Solids	13	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	29	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	442	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 12/05/2022 in
		Daily during discharge	pH	8.0	pН	response to
		Daily during discharge	Total Suspended Solids	5.5	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	21	NTU	
		Duny during discharge	, ar bruity		1110	I

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Conductivity	ND	us/sm	No controlled
Monitoring Point 6		Daily during discharge	•	1	μS/cm	discharge initiated
POIIIL		Daily during discharge	Flow	ND	KL/day	uischarge militateu
		Daily during discharge Daily during discharge	Oil and Grease	ND ND	mg/L	
			Total Suspended Solids		pH mg/l	
		Daily during discharge		ND	mg/L	
N. 4 i + i	2/06/22	Daily during discharge	Turbidity	ND 452	NTU	Canadia a condentalian
Monitoring	3/06/22	Daily during discharge	Conductivity	453	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 11/05/2022 in response to
		Daily during discharge	pH	8.0	pH	uncontrolled
		Daily during discharge	Total Suspended Solids	293	mg/L	discharge. Due to
		Daily during discharge	Turbidity	600		higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not
			_		NTU	possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	321	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 11/05/2022 in
		Daily during discharge	pH	7.2	pН	response to
		Daily during discharge	Total Suspended Solids	7	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	16	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	458	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 11/05/2022 in
		Daily during discharge	рН	8.1	pН	response to
		Daily during discharge	Total Suspended Solids	3	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	19	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
1 Ollic O		Daily during discharge	Oil and Grease	ND ND	mg/L	alsenarge initiated
		Daily during discharge	pH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	500	μS/cm	Sampling undertaken
Point 7	3/00/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 10/05/2022 in
FOIL 7		Daily during discharge	pH	8.1	pH	response to
		Daily during discharge	Total Suspended Solids	293		uncontrolled
		Daily during discharge	Turbidity	400	mg/L	discharge. Due to
		Daily during discharge	Turbiaity	400	NTU	higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
		<u> </u>				
Monitoring	3/06/22	Daily during discharge	Conductivity	432	μS/cm	Sampling undertaken
Monitoring Point 9	3/06/22	Daily during discharge Daily during discharge	Conductivity Oil and Grease	432 <0.1	μS/cm mg/L	Sampling undertaken on 10/05/2022 in
_	3/06/22		·	1		1
_	3/06/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 10/05/2022 in
_	3/06/22	Daily during discharge Daily during discharge	Oil and Grease pH	<0.1 7.3	mg/L pH	on 10/05/2022 in response to
_	3/06/22	Daily during discharge Daily during discharge Daily during discharge	Oil and Grease pH Total Suspended Solids	<0.1 7.3 4.5	mg/L pH mg/L	on 10/05/2022 in response to
Point 9		Daily during discharge Daily during discharge Daily during discharge Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity	<0.1 7.3 4.5 6.2	mg/L pH mg/L NTU	on 10/05/2022 in response to uncontrolled discharge
Point 9 Monitoring		Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity Conductivity	<0.1 7.3 4.5 6.2 460	mg/L pH mg/L NTU μS/cm	on 10/05/2022 in response to uncontrolled discharge Sampling undertaken
Point 9 Monitoring		Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	<0.1 7.3 4.5 6.2 460 <0.1	mg/L pH mg/L NTU μS/cm mg/L	on 10/05/2022 in response to uncontrolled discharge Sampling undertaken on 10/05/2022 in

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	457	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 9/05/2022 in
		Daily during discharge	рН	7.4	рН	response to
		Daily during discharge	Total Suspended Solids	25	mg/L	uncontrolled
		Daily during discharge	Turbidity	38		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NITTI	Lower Dam is not
NA - with a wine -	2/05/22	Daile desira diadrama	Canadinatinita	420	NTU C./area	possible.
Monitoring Point 9	3/06/22	Daily during discharge	Conductivity Oil and Grease	438	μS/cm	Sampling undertaken on 9/05/2022 in
Politi 9		Daily during discharge		<0.1	mg/L	response to
		Daily during discharge	pH	7.0	pH	uncontrolled discharge
		Daily during discharge	Total Suspended Solids	13	mg/L	uncontrolled discharge
N.A it i	2 (05 (22	Daily during discharge	Turbidity	18	NTU	Canadiaana
Monitoring	3/06/22	Daily during discharge	Conductivity	457	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 9/05/2022 in
		Daily during discharge	pH	8.2	pH	response to
		Daily during discharge	Total Suspended Solids	5	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	30	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	531	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 8/05/2022 in
		Daily during discharge	рН	7.9	pН	response to
		Daily during discharge	Total Suspended Solids	57	mg/L	uncontrolled
		Daily during discharge	Turbidity	90	<u> </u>	discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
NA - mit - mi	2/06/22	Daile desire a di 1	Canduativity	425	NTU C./area	possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	435	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 8/05/2022 in
		Daily during discharge	pH	7.3	pH	response to uncontrolled discharge
		Daily during discharge	Total Suspended Solids	5	mg/L	ancondoned discharge
N.A	2/25/22	Daily during discharge	Turbidity	18	NTU	Consulta
Monitoring	3/06/22	Daily during discharge	Conductivity	459	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 8/05/2022 in
		Daily during discharge	pH	8.2	pН	response to
		Daily during discharge	Total Suspended Solids	8	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	29	NTU	
		Daily during discharge	Conductivity	ND	μS/cm	T
		L pany during discharge	Conductivity	טוו	μο/ιπ	

	Date	Daninore Quarry	Environmental Monit	Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	Comment
Monitoring		Daily during discharge	Flow	ND	KL/day	No controlled
Point 6		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
		Daily during discharge	pН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	422	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 7/05/2022 in
		Daily during discharge	pН	7.7	рН	response to
		Daily during discharge	Total Suspended Solids	70	mg/L	uncontrolled
		Daily during discharge	Turbidity	85		discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of
						Lower Dam is not
	2 /2 2 /2 2		2 1		NTU	possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	432	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 7/05/2022 in
		Daily during discharge	pH	7.8	pH	response to
		Daily during discharge	Total Suspended Solids	18	mg/L	uncontrolled discharge
	2 /2 2 /2 2	Daily during discharge	Turbidity	22	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	462	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 7/05/2022 in
		Daily during discharge	pH	8.0	pН	response to
		Daily during discharge	Total Suspended Solids	3.5	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	26	NTU	
		T	T		-,	T
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pН	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
	0.100.100	Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	520	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 6/05/2022 in
		Daily during discharge	pH	7.9	pH	response to
		Daily during discharge	Total Suspended Solids	61	mg/L	uncontrolled discharge. Due to
		Daily during discharge	Turbidity	80	NTU	higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	418	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 6/05/2022 in
		Daily during discharge	pH	7.2	рН	response to
		Daily during discharge	Total Suspended Solids	34	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	5.7	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	454	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 6/05/2022 in
		Daily during discharge	рН	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	21	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	9.3	NTU	
		T	T	ı	T	T
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated

		Date	Dunmore Quarry		Measure		Comment
Daily during discharge Daily during discha	Location		Monitoring Frequency	Pollutant		Unit	Comment
Daily during discharge Daily during discha			Daily during discharge	Oil and Grease	ND	mg/L	
Daily during discharge Daily during discha			Daily during discharge	рН	ND	рН	
Monitoring Point 7			Daily during discharge	Total Suspended Solids	ND	mg/L	
Point 7			Daily during discharge	Turbidity	ND	NTU	
Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids 1.5 mg/L Uniper than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible. Daily during discharge D	Monitoring	3/06/22	Daily during discharge	Conductivity	391	μS/cm	Sampling undertaken
Daily during discharge Total Suspended Solids 15 mg/L discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam's not Dossible.	Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	4
Daily during discharge Turbidity 13 Sicharge, Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible. Monitoring Point 9 3/06/22 Daily during discharge			Daily during discharge	рН	7.2	рН	response to
Monitoring Point 9 Daily during discharge Conductivity 417 µS/cm Sampling undertaken On S/05/2022 in response to Daily during discharge Daily during discha			Daily during discharge	Total Suspended Solids	15	mg/L	
Monitoring 3/06/22 Daily during discharge Conductivity 417 µS/cm Sampling undertaken on 5/05/2022 in response to Daily during discharge Daily during disc			Daily during discharge	Turbidity	13		_
Monitoring Point 9							
Monitoring 3/06/22 Daily during discharge Conductivity 417 µS/cm Sampling undertaken So/S/2022 in response to uncontrolled discharge Daily during discharge Total Suspended Solids 9 mg/L uncontrolled discharge Daily during discharge Daily dur							-
Monitoring Point 9 Daily during discharge Oil and Grease O.1 mg/L sampling undertaken on 5/05/2022 in response to uncontrolled discharge Daily during discharge Total Suspended Solids 9 mg/L mg/L response to uncontrolled discharge Daily during discharge Total Suspended Solids 9 mg/L mg/L response to uncontrolled discharge Daily during discharge Total Suspended Solids 9 mg/L Sampling undertaken Oil and Grease O.1 mg/L on 5/05/2022 in response to uncontrolled discharge Daily during discharge Total Suspended Solids 9 mg/L on 5/05/2022 in response to uncontrolled discharge Daily during discharge Total Suspended Solids 9 mg/L on 5/05/2022 in response to uncontrolled discharge Daily during discharge Flow ND KL/day Daily during discharge Daily during discharge Flow ND Mg/L Daily during discharge Total Suspended Solids ND Mg/L Daily during discharge Total Grease Oil and Grease Oil a							
Monitoring Point 9 Daily during discharge Total Suspended Solids 9 mg/L uncontrolled discharge Daily during discharge Total Suspended Solids 9 mg/L Daily during discharge Total Suspended Solids 9 mg/L Daily during discharge Daily during discharge Daily during discharge Pilow ND KL/day Daily during discharge Total Suspended Solids ND Mg/L Daily during discharge Daily duri							_
Monitoring Point 9 3/06/22 Daily during discharge Total Suspended Solids 9 mg/L Sampling undertaken on 5/05/2022 in response to uncontrolled discharge Daily during discharge Total Suspended Solids 9 mg/L Sampling undertaken on 5/05/2022 in response to uncontrolled discharge Daily during discharge Order of the sample of the samp						NITLI	
Point 9 Point 10 Po	Monitoring	2/06/22	Daily during discharge	Conductivity	117		•
Daily during discharge Daily during discharge Total Suspended Solids 9 mg/L microntrolled discharge Total Suspended Solids 9 mg/L microntrolled discharge Total Suspended Solids 9 mg/L microntrolled discharge Total Suspended Solids 9 mg/L Sampling undertaken Total Suspended Solids 9 mg/L Daily during discharge Flow ND KI/day Daily during discharge Flow ND KI/day Daily during discharge Total Suspended Solids ND Mg/L Daily during discharge Total Suspended Solids S4 Mg/L Daily during discharge Total Suspended Solids ND Mg/L Daily during discharge Daily during discharge Total Suspended Solids ND Mg/L Daily during	_	3/06/22		•		_	
Daily during discharge Total Suspended Solids 9 mg/L Daily during discharge Turbidity 3 mTU Sampling undertaken On 5/05/2022 in response to Daily during discharge Total Suspended Solids 9 mg/L Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids 9 mg/L Daily during discharge Total Suspended Solids 9 mg/L Daily during discharge Total Suspended Solids 9 mg/L Daily during discharge Total Suspended Solids 0 mg/L Daily during discharge Turbidity 10 mcontrolled discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Total Suspended Solids S4 mg/L Daily during discharge Total Suspended Solids D1 mg/L Daily during discharge Daily during discharge Total Suspended Solids D1 mg/L Daily during discharge Total Suspended Solids D1 mg/L Dail	Point 9						4
Daily during discharge Daily during disch				• •		-	<u> </u>
Monitoring Point 10							ancontrolled discharge
Point 10 Daily during discharge Total Suspended Solids Daily during discharge Daily d	Monitoring	2/06/22		·			Sampling undertaken
Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids 9 mg/L Daily during discharge Turbidity 10 NTU		3/00/22		•		•	_
Daily during discharge Total Suspended Solids 9 mg/L Daily during discharge Turbidity 10 NTU Daily during discharge Turbidity ND	POINT 10					_	4
Monitoring Point 6 Daily during discharge Turbidity 10 NTU				•		•	•
Daily during discharge Daily during discha				· ·			ancontrolled discharge
Point 6 Point 7 Point 6 Point 7 Point 9 Poi			Daily during discharge	Turblaity	10	INTO	
Daily during discharge Total Suspended Solids ND mg/L ND NTU	Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Daily during discharge Daily during disch	Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
Daily during discharge Total Suspended Solids ND mg/L			Daily during discharge	Oil and Grease	ND	mg/L	
Daily during discharge Turbidity ND NTU			Daily during discharge	рН	ND	рН	
Monitoring Point 7 Daily during discharge			Daily during discharge	Total Suspended Solids	ND	mg/L	
Point 7 Daily during discharge Oil and Grease <0.1 mg/L on 4/05/2022 in response to uncontrolled discharge Daily during discharge Total Suspended Solids 54 mg/L uncontrolled discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible. Monitoring Point 9 Joally during discharge Conductivity 402 μS/cm Sampling undertaken on 4/05/2022 in response to uncontrolled discharge pl monthly rainfall and high groundwater table dewatering of Lower Dam is not possible. Monitoring Point 9 Daily during discharge Oil and Grease <0.1			Daily during discharge	Turbidity	ND	NTU	
Daily during discharge Daily during disch	Monitoring	3/06/22	Daily during discharge	Conductivity	524	μS/cm	Sampling undertaken
Daily during discharge Turbidity Daily during discharge Daily during discharge Point 9 Daily during discharge Da	Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 4/05/2022 in
Daily during discharge Daily during discharge Turbidity Daily during discharge Turbidity Daily during discharge Turbidity Daily during discharge Daily during discharg			Daily during discharge	рН	7.8	рН	1
Monitoring Point 10 Monitoring Point 6 Monit			Daily during discharge	Total Suspended Solids	54	mg/L	
Monitoring Point 10 Monitoring Point 6 Daily during discharge Flow ND KL/day Controlled discharge initiated Daily during discharge Flow ND KL/day Daily during discharge initiated Daily during discharge Flow ND KL/day Daily during discharge initiated Daily during discharge Flow ND KL/day Daily during discharge initiated Daily during discharge Flow ND KL/day Daily during discharge Daily during discharge Flow ND KL/day Daily during discharge Daily during discharge Flow ND KL/day Daily during discharge Daily during discharge Flow ND KL/day Daily during discharge Daily during discharge Flow ND Canton Daily during discharge Daily during discharge Flow ND Canton Daily during discharge Daily during discharge Flow ND Canton Daily during discharge Daily during discharge Flow ND Canton Daily during discharge Daily during discharge Daily during discharge Daily duri			Daily during discharge	Turbidity	90		_
Monitoring Point 9 Daily during discharge Conductivity 402 μS/cm Sampling undertaken Daily during discharge Total Suspended Solids 10 mg/L Daily during discharge Total Suspended Solids 10 mg/L Daily during discharge Turbidity 2.5 NTU Daily during discharge Daily during discharge Conductivity 448 μS/cm Sampling undertaken On 4/05/2022 in response to uncontrolled discharge Daily during discharge Oil and Grease <0.1 mg/L On 4/05/2022 in response to Daily during discharge Daily during discharge Total Suspended Solids 11 mg/L Daily during discharge Total Suspended Solids 11 mg/L Daily during discharge Total Suspended Solids 11 NTU NTU NTU Monitoring Daily during discharge Conductivity ND μS/cm No controlled Daily during discharge Flow ND KL/day KL/day Controlled Conductivity ND KL/day Controlled Conductivity ND KL/day Controlled Conductivity ND Controlled Conductivity							
Monitoring Point 9 Daily during discharge Conductivity 402 μS/cm Sampling undertaken on 4/05/2022 in response to uncontrolled discharge Daily during discharge Total Suspended Solids 10 mg/L Daily during discharge Turbidity 2.5 NTU Daily during discharge Conductivity 448 μS/cm Sampling undertaken on 4/05/2022 in response to uncontrolled discharge Turbidity 2.5 NTU Sampling undertaken on 4/05/2022 in response to uncontrolled discharge Daily during discharge Conductivity 448 μS/cm Sampling undertaken on 4/05/2022 in response to uncontrolled discharge Daily during discharge Oil and Grease <0.1 mg/L Daily during discharge Total Suspended Solids 11 mg/L Daily during discharge Total Suspended Solids 11 mg/L Daily during discharge Turbidity 11 NTU NTU NTU Daily during discharge Daily during discharge Conductivity ND μS/cm No controlled Daily during discharge Flow ND KL/day MS MS MS MS MS MS MS M							
Monitoring Point 9 Daily during discharge Conductivity 402 μS/cm Sampling undertaken Daily during discharge Dily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids 10 mg/L uncontrolled discharge Daily during discharge Turbidity 2.5 NTU							
Monitoring Point 9 Sampling undertaken Daily during discharge Total Suspended Solids 10 mg/L Daily during discharge Turbidity Daily during discharge Total Suspended Solids Daily during discharge Daily during discharge Total Suspended Solids D							_
Monitoring Point 9 Daily during discharge Conductivity A02 μS/cm Sampling undertaken Oil and Grease <0.1 mg/L On 4/05/2022 in response to Oil y during discharge Total Suspended Solids 10 mg/L Uncontrolled discharge Daily during discharge Turbidity 2.5 NTU						NITLI	
Point 9 Daily during discharge pH 7.1 pH response to uncontrolled discharge point 10 Daily during discharge pH 7.1 pH response to uncontrolled discharge point 10 Daily during discharge pH 2.5 NTU Monitoring Point 10 Daily during discharge pH 8.2 pH response to uncontrolled discharge paily during discharge pH 8.2 pH response to uncontrolled discharge paily during discharge pH 8.2 pH response to uncontrolled discharge paily during discharge phickles ph	Monitoring	2/06/22	Daily during discharge	Conductivity	402		
Daily during discharge pH 7.1 pH response to uncontrolled discharge Daily during discharge Total Suspended Solids 10 mg/L uncontrolled discharge Daily during discharge Turbidity 2.5 NTU Sampling undertaken Daily during discharge Oil and Grease <0.1 mg/L on 4/05/2022 in response to uncontrolled discharge Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids 11 mg/L uncontrolled discharge Daily during discharge Turbidity 11 NTU N	_	3/00/22				_	
Daily during discharge Total Suspended Solids 10 mg/L uncontrolled discharge	Fornt 9						
Daily during discharge Turbidity Daily during discharge Conductivity Daily during discharge Oil and Grease Conductivity Oily during discharge Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids Daily during discharge Turbidity Daily during discharge Turbidity Daily during discharge Daily during discharge Conductivity Daily during discharge Conductivity ND µS/cm No controlled Daily during discharge Flow ND KL/day Conductivity KL/day Conductivity Conduct						-	<u> </u>
Monitoring Point 10 3/06/22 Daily during discharge Daily during discharge Dil and Grease Conductivity 448 μS/cm Sampling undertaken on 4/05/2022 in response to uncontrolled discharge Daily during discharge Daily during discharge Daily during discharge Point 6 Total Suspended Solids Daily during discharge Turbidity 11 mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L				· ·			ancontrolled discharge
Point 10 Daily during discharge Oil and Grease <0.1 mg/L on 4/05/2022 in response to uncontrolled discharge Daily during discharge Total Suspended Solids 11 mg/L uncontrolled discharge Daily during discharge Turbidity 11 NTU NTU Monitoring Point 6 Daily during discharge Conductivity ND μS/cm No controlled discharge initiated	Monitoring	3/06/22		·			Sampling undertaken
Daily during discharge pH 8.2 pH response to uncontrolled discharge Daily during discharge Total Suspended Solids 11 mg/L uncontrolled discharge Daily during discharge Turbidity 11 NTU	_	3/00/22		•			
Daily during discharge Total Suspended Solids 11 mg/L uncontrolled discharge	1 OHIL TO						
Daily during discharge Turbidity 11 NTU Monitoring Point 6 Daily during discharge Flow ND κL/day discharge initiated				• •		-	<u> </u>
Monitoring Point 6 Daily during discharge Conductivity ND μS/cm No controlled discharge initiated				· ·			ancontrolled discharge
Point 6 Daily during discharge Flow ND KL/day discharge initiated			Daily during discharge	rurbiuity	1 11	INTO	<u> </u>
Point 6 Daily during discharge Flow ND KL/day discharge initiated	Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
	_			·		-	
			Daily during discharge	Oil and Grease	ND	mg/L	1

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	507	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 3/05/2022 in
		Daily during discharge	рН	7.9	рН	response to
		Daily during discharge	Total Suspended Solids	60	mg/L	uncontrolled
		Daily during discharge	Turbidity	85	NTU	discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	410	μS/cm	Sampling undertaken
Point 9	-,,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 3/05/2022 in
		Daily during discharge	рН	7.1	pH	response to
		Daily during discharge	Total Suspended Solids	27	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	7.9	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	448	μS/cm	Sampling undertaken
Point 10	3,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 3/05/2022 in
. 6 16		Daily during discharge	pH	8.0	pH	response to
		Daily during discharge	Total Suspended Solids	9	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	10	NTU	
		Daily during discharge	Tarblaity	10	1410	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	508	μS/cm	Sampling undertaken
Point 7	-,,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 2/05/2022 in
		Daily during discharge	pH	7.9	pH	response to
		Daily during discharge	Total Suspended Solids	53	mg/L	uncontrolled
Marris	2/05/22	Daily during discharge	Turbidity	80	NTU	discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	393	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 2/05/2022 in
		Daily during discharge	pH	7.1	pН	response to
		Daily during discharge	Total Suspended Solids	15	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	5.3	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	454	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 2/05/2022 in
		Daily during discharge	pH	8.3	рН	response to
		Daily during discharge	Total Suspended Solids	15	mg/L	uncontrolled discharge
				13	NTU	1
		Daily during discharge	Turbidity	1.5	1110	
Monitoring				1		No controlled
Monitoring Point 6		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Monitoring Point 6				1		No controlled discharge initiated

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	504	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 1/05/2022 in
		Daily during discharge	рН	7.6	рН	response to
		Daily during discharge	Total Suspended Solids	46	mg/L	uncontrolled
		Daily during discharge	Turbidity	100	NTU	discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	402	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 1/05/2022 in
		Daily during discharge	pH	7.4	pН	response to
		Daily during discharge	Total Suspended Solids	1	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	2.9	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	443	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 1/05/2022 in
		Daily during discharge	рН	8.3	рН	response to
		Daily during discharge	Total Suspended Solids	9	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	13	NTU	

A total of 202.8mm of rainfall was recorded by the site weather station over the month of May. Regional flooding occurred several times over the duration of the month. This rainfall was well in excess of the design capacity of the Lower Dam which can hold a 5 day 95th percentile of 90.7mm as referenced in Schedule 4 Condition 30.

As a result, the Lower Dam overflowed at the constructed spillway at EPL 7 as uncontrolled discharge and has been monitored daily during discharge. Due to the extremely high amounts of rainfall March to May and high groundwater table dewatering of Lower Dam is not possible.

The middle dam is at capacity due to the high volumes of water received during March to May and was sampled at the overflow point at EPL 10 daily during discharge.

			April 2022			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	392	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 30/04/2022 in
		Daily during discharge	рН	7.2	рН	response to
		Daily during discharge	Total Suspended Solids	25	mg/L	uncontrolled
		Daily during discharge	Turbidity	32	NTU	discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	375	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 30/04/2022 in
		Daily during discharge	pH	7.2	рН	response to
		Daily during discharge	Total Suspended Solids	12	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	13	NTU	
	3/06/22	Daily during discharge	Conductivity	427	μS/cm	

	Data	I Builliore Quarry	Environmental Monit	1		Comment
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	<0.1	mg/L	Sampling undertaken
Point 10		Daily during discharge	рН	7.7	рН	on 30/04/2022 in
		Daily during discharge	Total Suspended Solids	15	mg/L	response to
		Daily during discharge	Turbidity	26	NTU	uncontrolled discharge
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	492	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 29/04/2022 in
		Daily during discharge	рН	7.9	рН	response to
		Daily during discharge	Total Suspended Solids	110	mg/L	uncontrolled
		Daily during discharge	Turbidity	36	NTU	discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	366	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 29/04/2022 in
		Daily during discharge	рН	7.1	рН	response to
		Daily during discharge	Total Suspended Solids	16	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	13	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	448	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 29/04/2022 in
		Daily during discharge	рН	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	19	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	22	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	384	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/04/2022 in
		Daily during discharge	рН	7.1	рН	response to
		Daily during discharge	Total Suspended Solids	51	mg/L	uncontrolled
		Daily during discharge	Turbidity	90	NTU	discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	366	μS/cm	Sampling undertaken
Point 9	•	Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/04/2022 in
		Daily during discharge	рН	7.1	pH	response to
		Daily during discharge	Total Suspended Solids	17	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	20	NTU	1
Monitoring	3/06/22	Daily during discharge	Conductivity	444	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/04/2022 in

	Date	Dunmore Quarry		Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	Comment
		Daily during discharge	рН	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	9	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	32	NTU	
		1	T		_,	T
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
N.A it i	2/05/22	Daily during discharge	Turbidity	ND 200	NTU	Canadia a condentation
Monitoring Point 7	3/06/22	Daily during discharge	Conductivity	368	μS/cm	Sampling undertaken
Point /		Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/04/2022 in response to
		Daily during discharge	pH	7.1	pH	uncontrolled
		Daily during discharge	Total Suspended Solids	12	mg/L	discharge. Due to
		Daily during discharge	Turbidity	30		higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	511	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/04/2022 in
		Daily during discharge	pH	7.7	рН	response to
		Daily during discharge	Total Suspended Solids	12	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	110	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	392	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/04/2022 in
		Daily during discharge	pH	7.3	pН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	20	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	335	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 26/04/2022 in
		Daily during discharge	рН	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled
		Daily during discharge	Turbidity	22		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of Lower Dam is not
					NTU	possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	362	μS/cm	Sampling undertaken
Point 9	-, ••,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 26/04/2022 in
		Daily during discharge	pH	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	12	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	15	NTU	1
Monitoring	3/06/22	Daily during discharge	Conductivity	454	μS/cm	Sampling undertaken
Point 10	,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 26/04/2022 in
		Daily during discharge	рН	8.2	pH	1
			•	•		

Location	Date	Monitoring Frequency	Pollutant	Measure	Unit	Comment
	Received	Daily during discharge	Total Suspended Solids	ment 11	mg/L	response to
		Daily during discharge	Turbidity	24	NTU	uncontrolled discharge
		Dany daring discharge	Tarolary			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	347	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 25/04/2022 in
		Daily during discharge	pH	6.9	рН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled
		Daily during discharge	Turbidity	23		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of Lower Dam is not
					NTU	possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	358	μS/cm	Sampling undertaken
Point 9	3,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 25/04/2022 in
		Daily during discharge	рН	6.9	pH	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	13	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	459	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 25/04/2022 in
		Daily during discharge	рН	7.9	рН	response to
		Daily during discharge	Total Suspended Solids	8	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	27	NTU	
		1	T = 1		- 1	T.,
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
N A a va i tra vai va a	2/06/22	Daily during discharge	Turbidity	ND FOC	NTU C./area	Canadina un dantakan
Monitoring Point 7	3/06/22	Daily during discharge	Conductivity	506	μS/cm	Sampling undertaken on 24/04/2022 in
POIIIC /		Daily during discharge Daily during discharge	Oil and Grease pH	<0.1 7.9	mg/L	response to
		Daily during discharge Daily during discharge	Total Suspended Solids	315	pH mg/l	uncontrolled
		Daily during discharge	Turbidity	290	mg/L	discharge. Due to
		Daily during discharge	Turblatty	230		higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	366	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 24/04/2022 in
		Daily during discharge	pH	7	рН	response to
		Daily during discharge	Total Suspended Solids	12	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	20	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	462	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 24/04/2022 in
		Daily during discharge	pH	7.8	pH	response to
		Daily during discharge	Total Suspended Solids	16	mg/L	uncontrolled discharge

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Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Turbidity	27	NTU	
		I	1	T		T
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH "	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
	0.40.5.40.0	Daily during discharge	Turbidity	ND	NTU	0 1: 1 . 1
Monitoring	3/06/22	Daily during discharge	Conductivity	358	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 23/04/2022 in
		Daily during discharge	pH	7.2	pH "	response to
		Daily during discharge	Total Suspended Solids	6	mg/L	uncontrolled discharge
	0.40.5.40.0	Daily during discharge	Turbidity	21	NTU	0 1: 1 . 1
Monitoring	3/06/22	Daily during discharge	Conductivity	470	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 23/04/2022 in
		Daily during discharge	pH	8.1	pН	response to
		Daily during discharge	Total Suspended Solids	5	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	24	NTU	
Nanitavina		Daile device discharge	Canadinatinity	ND		No controlled
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
Nanitavina	2/06/22	Daily during discharge	Turbidity	ND 270	NTU C./area	Camandina condantalean
Monitoring	3/06/22	Daily during discharge	Conductivity	370	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 22/04/2022 in
		Daily during discharge	pH	7.6	pH	response to uncontrolled discharge
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled discharge
N.A. with a wine	2/06/22	Daily during discharge	Turbidity	22	NTU	Canadiaaaaalaatalaaa
Monitoring	3/06/22	Daily during discharge	Conductivity	464	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 22/04/2022 in
		Daily during discharge	pH	8.4	pH	response to uncontrolled discharge
		Daily during discharge	Total Suspended Solids	5	mg/L	discharge
		Daily during discharge	Turbidity	26	NTU	
			April 2022			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	allocation go minuted
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	-
Monitoring	6/05/22	Daily during discharge	Conductivity	385	μS/cm	Sampling undertaken
Point 9	0, 00, ==	Daily during discharge	Oil and Grease	<0.1	mg/L	on 21/04/2022 in
		Daily during discharge	рН	7.2	pH	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	12	NTU	
Monitoring	6/05/22	Daily during discharge	Conductivity	496	μS/cm	Sampling undertaken
Point 10	0,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 21/04/2022 in
20		Daily during discharge	pH	8.6	pH	response to
		Daily during discharge	Total Suspended Solids	16	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	18	NTU	
l l		Lany daring discharge	· ar braitty	10	.11.0	<u> </u>
L						
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled

Location	Date	Monitoring Frequency	Pollutant	Measure	Unit	Comment
	Received			ment		<u> </u>
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
N.A. mita nina	C /OF /22	Daily during discharge	Turbidity	ND 272	NTU C./area	Commission
Monitoring Point 9	6/05/22	Daily during discharge	Conductivity	373	μS/cm	Sampling undertaken on 20/04/2022 in
Point 9		Daily during discharge	Oil and Grease pH	<0.1	mg/L	response to
		Daily during discharge	· •	7.6	pH	uncontrolled discharge
		Daily during discharge	Total Suspended Solids	13 25	mg/L	difference discharge
Monitoring	6/05/22	Daily during discharge	Turbidity		NTU us/sm	Sampling undertaken
Monitoring Point 10	6/05/22	Daily during discharge	Conductivity Oil and Grease	489 <0.1	μS/cm	on 20/04/2022 in
FOIIIC 10		Daily during discharge		8.8	mg/L	response to
		Daily during discharge	pH Total Suspended Solids		pH	uncontrolled discharge
		Daily during discharge		15 21	mg/L NTU	directioned discharge
		Daily during discharge	Turbidity	21	INTO	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	1
		Daily during discharge	pH	ND	pH	•
		Daily during discharge	Total Suspended Solids	ND	mg/L	•
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	471	μS/cm	Sampling undertaken
Point 7	, ,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 13/04/2022 in
		Daily during discharge	рН	7.8	pH	response to
		Daily during discharge	Total Suspended Solids	24	mg/L	uncontrolled
		Daily during discharge	Turbidity	90	<u> </u>	discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
	22 /24 /22	5 11 1 1 11 1	0 1	204	NTU	possible.
Monitoring	22/04/22	Daily during discharge	Conductivity	304	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 13/04/2022 in
		Daily during discharge	pH	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled discharge
	22/04/22	Daily during discharge	Turbidity	17	NTU C/	6 1: 1 1
Monitoring	22/04/22	Daily during discharge	Conductivity	496	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 13/04/2022 in response to
		Daily during discharge	pH	8.2	pH	uncontrolled discharge
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	32	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	1
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	1
Monitoring	22/04/22	Daily during discharge	Conductivity	454	μS/cm	Sampling undertaken
Point 7	,,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 12/04/2022 in
		Daily during discharge	pH	7.1	pH	response to
		Daily during discharge	Total Suspended Solids	68	mg/L	uncontrolled
		Daily during discharge	Turbidity	95	Gr =	discharge. Due to
		, 5: 5:	,			higher than average
						monthly rainfall and
					NTU	high groundwater

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						table dewatering of Lower Dam is not possible.
Monitoring	22/04/22	Daily during discharge	Conductivity	275	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 12/04/2022 in
		Daily during discharge	рН	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	11	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	505	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 12/04/2022 in
		Daily during discharge	pН	8.4	рН	response to
		Daily during discharge	Total Suspended Solids	25	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	29	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	•
Monitoring	22/04/22	Daily during discharge	Conductivity	265	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 11/04/2022 in
		Daily during discharge	рН	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	33	mg/L	uncontrolled
					NTU	higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Monitoring	22/04/22	Daily during discharge	Conductivity	267	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 11/04/2022 in
		Daily during discharge	pН	7.1	рН	response to
		Daily during discharge	Total Suspended Solids	23	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	16	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	505	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 11/04/2022 in
		Daily during discharge	pH	8.7	pH	response to
		Daily during discharge	Total Suspended Solids	16	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	33	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	425	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.2	mg/L	on 10/04/2022 in
		Daily during discharge	pH	8.0	рН	response to
		Daily during discharge	Total Suspended Solids	87	mg/L	uncontrolled
		Daily during discharge	Turbidity	170		discharge. Due to higher than average
						monthly rainfall and
						high groundwater
			1		NTU	table dewatering of

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	22/04/22	Daily during discharge	Conductivity	285	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	0.1	mg/L	on 10/04/2022 in
		Daily during discharge	рН	8.4	рН	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	26	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	484	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.1	mg/L	on 10/04/2022 in
		Daily during discharge	pH	8.4	рН	response to
		Daily during discharge	Total Suspended Solids	13	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	40	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	283	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 9/04/2022 in
		Daily during discharge	pН	6.8	рН	response to
		Daily during discharge	Total Suspended Solids	31	mg/L	uncontrolled
		Daily during discharge	Turbidity	23	_	discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
	1 1				NTU	possible.
Monitoring	22/04/22	Daily during discharge	Conductivity	243	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 9/04/2022 in
		Daily during discharge	pH	6.9	pН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	20	NTU	
Monitoring	22/04/22	Daily during discharge Daily during discharge	Conductivity	495	μS/cm	Sampling undertaken
Monitoring Point 10	22/04/22	Daily during discharge Daily during discharge Daily during discharge	Conductivity Oil and Grease	495 <0.1	μS/cm mg/L	on 9/04/2022 in
	22/04/22	Daily during discharge Daily during discharge Daily during discharge Daily during discharge	Conductivity Oil and Grease pH	495 <0.1 8.0	μS/cm mg/L pH	on 9/04/2022 in response to
	22/04/22	Daily during discharge	Conductivity Oil and Grease pH Total Suspended Solids	495 <0.1 8.0 30	μS/cm mg/L pH mg/L	on 9/04/2022 in
	22/04/22	Daily during discharge Daily during discharge Daily during discharge Daily during discharge	Conductivity Oil and Grease pH	495 <0.1 8.0	μS/cm mg/L pH	on 9/04/2022 in response to
Point 10	22/04/22	Daily during discharge	Conductivity Oil and Grease pH Total Suspended Solids Turbidity	495 <0.1 8.0 30 45	μS/cm mg/L pH mg/L NTU	on 9/04/2022 in response to uncontrolled discharge
Point 10 Monitoring	22/04/22	Daily during discharge	Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity	495 <0.1 8.0 30 45	μS/cm mg/L pH mg/L NTU	on 9/04/2022 in response to uncontrolled discharge No controlled
Point 10	22/04/22	Daily during discharge	Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Flow	495 <0.1 8.0 30 45 ND ND	μS/cm mg/L pH mg/L NTU μS/cm KL/day	on 9/04/2022 in response to uncontrolled discharge
Point 10 Monitoring	22/04/22	Daily during discharge	Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Flow Oil and Grease	495 <0.1 8.0 30 45 ND ND	μS/cm mg/L pH mg/L NTU μS/cm KL/day mg/L	on 9/04/2022 in response to uncontrolled discharge No controlled
Point 10 Monitoring	22/04/22	Daily during discharge	Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Flow Oil and Grease pH	495 <0.1 8.0 30 45 ND ND ND	μS/cm mg/L pH mg/L NTU μS/cm KL/day mg/L pH	on 9/04/2022 in response to uncontrolled discharge No controlled
Point 10 Monitoring	22/04/22	Daily during discharge	Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Flow Oil and Grease pH Total Suspended Solids	495 <0.1 8.0 30 45 ND ND ND ND	μS/cm mg/L pH mg/L NTU μS/cm KL/day mg/L pH mg/L	on 9/04/2022 in response to uncontrolled discharge No controlled
Monitoring Point 6		Daily during discharge	Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity	495 <0.1 8.0 30 45 ND	μS/cm mg/L pH mg/L NTU μS/cm KL/day mg/L pH mg/L	on 9/04/2022 in response to uncontrolled discharge No controlled discharge discharge initiated
Monitoring Point 6 Monitoring	22/04/22	Daily during discharge	Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Conductivity	495 <0.1 8.0 30 45 ND ND ND ND ND ND ND	μS/cm mg/L pH mg/L NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm	on 9/04/2022 in response to uncontrolled discharge No controlled discharge discharge initiated Sampling undertaken
Monitoring Point 6		Daily during discharge	Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	495 <0.1 8.0 30 45 ND ND ND ND ND ND ND ND CO ND	μS/cm mg/L pH mg/L NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L NTU μS/cm mg/L	on 9/04/2022 in response to uncontrolled discharge No controlled discharge discharge initiated Sampling undertaken on 8/04/2022 in
Monitoring Point 6 Monitoring		Daily during discharge	Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH	495 <0.1 8.0 30 45 ND ND ND ND ND ND ND	μS/cm mg/L pH mg/L NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L	on 9/04/2022 in response to uncontrolled discharge No controlled discharge initiated Sampling undertaken on 8/04/2022 in response to
Monitoring Point 6 Monitoring		Daily during discharge	Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids	495 <0.1 8.0 30 45 ND ND ND ND ND ND	μS/cm mg/L pH mg/L NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L NTU μS/cm mg/L	on 9/04/2022 in response to uncontrolled discharge No controlled discharge initiated Sampling undertaken on 8/04/2022 in response to uncontrolled
Monitoring Point 6 Monitoring		Daily during discharge	Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH	495 <0.1 8.0 30 45 ND ND ND ND ND ND ND	μS/cm mg/L pH mg/L NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L	on 9/04/2022 in response to uncontrolled discharge No controlled discharge initiated Sampling undertaken on 8/04/2022 in response to uncontrolled discharge. Due to
Monitoring Point 6 Monitoring		Daily during discharge	Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids	495 <0.1 8.0 30 45 ND ND ND ND ND ND	μS/cm mg/L pH mg/L NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L	on 9/04/2022 in response to uncontrolled discharge No controlled discharge discharge initiated Sampling undertaken on 8/04/2022 in response to uncontrolled discharge. Due to higher than average
Monitoring Point 6 Monitoring		Daily during discharge	Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids	495 <0.1 8.0 30 45 ND ND ND ND ND ND	μS/cm mg/L pH mg/L NTU μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L	on 9/04/2022 in response to uncontrolled discharge No controlled discharge initiated Sampling undertaken on 8/04/2022 in response to uncontrolled discharge. Due to

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	27/04/22	Daily during discharge	Conductivity	179	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 8/04/2022 in
		Daily during discharge	рН	6.9	рН	response to
		Daily during discharge	Total Suspended Solids	22	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	26	NTU	
Monitoring	27/04/22	Daily during discharge	Conductivity	471	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.1	mg/L	on 8/04/2022 in
		Daily during discharge	pH	8.1	рН	response to
		Daily during discharge	Total Suspended Solids	32	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	50	NTU	
				•	•	•
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	27/04/22	Daily during discharge	Conductivity	380	μS/cm	Sampling undertaken
Point 7	27,01,22	Daily during discharge	Oil and Grease	0.1	mg/L	on 6/04/2022 in
		Daily during discharge	pH	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	21	mg/L	uncontrolled
		Daily during discharge	Turbidity	25	IIIg/ L	discharge. Due to
		Daily during discharge	Turblaity	25		higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	27/04/22	Daily during discharge	Conductivity	327	μS/cm	Sampling undertaken
Point 9	, ,	Daily during discharge	Oil and Grease	0.1	mg/L	on 6/04/2022 in
		Daily during discharge	pH	7.1	pH	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	7.7	NTU	
Monitoring	27/04/22	Daily during discharge	Conductivity	464	μS/cm	Sampling undertaken
Point 10	_,,,	Daily during discharge	Oil and Grease	0.1	mg/L	on 6/04/2022 in
		Daily during discharge	pH	8.3	pH	response to
		Daily during discharge	Total Suspended Solids	17	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	32	NTU	Ŭ
		1			.,	I
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	alsonarge initiated
		Daily during discharge	pH	ND		
		Daily during discharge	Total Suspended Solids	ND	pH mg/L	-
					_	
Monitoring	27/04/22	Daily during discharge Daily during discharge	Turbidity Conductivity	ND 480	NTU μS/cm	Sampling undertaken
Point 7	21/04/22		·	+		on 5/04/2022 in
FUIIL /		Daily during discharge	Oil and Grease	0.1	mg/L	response to
		Daily during discharge	pH	7.6	pH	uncontrolled
		Daily during discharge	Total Suspended Solids	51	mg/L	discharge. Due to
		Daily during discharge	Turbidity	65		higher than average
						_
						monthly raintall and
						monthly rainfall and high groundwater

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	27/04/22	Daily during discharge	Conductivity	303	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	0.1	mg/L	on 5/04/2022 in
		Daily during discharge	рН	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	21	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	65	NTU	
Monitoring	27/04/22	Daily during discharge	Conductivity	484	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 5/04/2022 in
		Daily during discharge	pН	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	16	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	9.7	NTU	
		1		1		
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	27/04/22	Daily during discharge	Conductivity	284	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 4/04/2022 in
		Daily during discharge	pH	6.9	рН	response to
		Daily during discharge	Total Suspended Solids	24	mg/L	uncontrolled
		Daily during discharge	Turbidity	30		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NITLI	Lower Dam is not
Monitoring	27/04/22	Daily during discharge	Conductivity	280	NTU μS/cm	possible. Sampling undertaken
Monitoring Point 9	27/04/22	Daily during discharge Daily during discharge	Oil and Grease	<0.1	mg/L	on 4/04/2022 in
Foint 9		Daily during discharge	pH	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	10	NTU	- ancontrolled discharge
Monitoring	27/04/22	Daily during discharge	Conductivity	485	μS/cm	Sampling undertaken
Point 10	27/04/22	Daily during discharge	Oil and Grease	<0.1	-	on 4/04/2022 in
TOILLE		Daily during discharge	pH	8.1	mg/L pH	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	40	NTU	
	1	1 - any aaring albeilaige	· ai aiaicy	1 -10	.,,,	I
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND ND	NTU	1
Monitoring	27/04/22	Daily during discharge	Conductivity	353	μS/cm	Sampling undertaken
Point 7	=: , • ., ==	Daily during discharge	Oil and Grease	<0.1	mg/L	on 3/04/2022 in
		Daily during discharge	pH	7.4	pH	response to
		Daily during discharge	Total Suspended Solids	33	mg/L	uncontrolled
		Daily during discharge	Turbidity	70	6/ -	discharge. Due to
				'		higher than average
						monthly rainfall and
						high groundwater
					NTU	table dewatering of

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	27/04/22	Daily during discharge	Conductivity	250	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 3/04/2022 in
		Daily during discharge	pН	7.1	рН	response to
		Daily during discharge	Total Suspended Solids	23	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	22	NTU	
Monitoring	27/04/22	Daily during discharge	Conductivity	489	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 3/04/2022 in
		Daily during discharge	рН	7.0	pН	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	45	NTU	
		1 7 11 0 11 1 0			_	I.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	- allocation and a second
		Daily during discharge	pH	ND	pH	1
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	-
Monitoring	27/04/22	Daily during discharge	Conductivity	370	μS/cm	Sampling undertaken
Point 7	27/04/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 2/04/2022 in
1 Ollic 7		Daily during discharge	pH	7.5	pH	response to
		Daily during discharge	Total Suspended Solids	246	-	uncontrolled
					mg/L	discharge. Due to
		Daily during discharge	Turbidity	260		higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	27/04/22	Daily during discharge	Conductivity	218	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 2/04/2022 in
		Daily during discharge	рН	7.1	pH	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	22	NTU	
Monitoring	27/04/22	Daily during discharge	Conductivity	797	μS/cm	Sampling undertaken
Point 10	27/04/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 2/04/2022 in
101110 10		Daily during discharge	pH	7.9	pH	response to
		Daily during discharge	Total Suspended Solids	20	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	55	NTU	- ancontrolled disolidinge
		Daily during discharge	raibiaity] 33	1410	
Monitoring		Daily during discharge	Conductivity	ND	11C/cm	No controlled
Monitoring Point 6		Daily during discharge	Conductivity		μS/cm	
רטווונ ס		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	<u> </u>
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
	27/24/22	Daily during discharge	Turbidity	ND	NTU	6 11 1 1
Monitoring	27/04/22	Daily during discharge	Conductivity	418	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.1	mg/L	on 1/04/2022 in
		Daily during discharge	pH	7.9	pН	response to
		Daily during discharge	Total Suspended Solids	668	mg/L	uncontrolled
		Daily during discharge	Turbidity	450		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
					NTU	table dewatering of

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	27/04/22	Daily during discharge	Conductivity	205	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	0.1	mg/L	on 1/04/2022 in
		Daily during discharge	рН	7.1	рН	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	24	NTU	
Monitoring	27/04/22	Daily during discharge	Conductivity	515	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.1	mg/L	on 1/04/2022 in
		Daily during discharge	рН	8.1	рН	response to
		Daily during discharge	Total Suspended Solids	25	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	55	NTU	

A total of 216mm of rainfall was recorded by the site weather station over the month of April. Regional flooding occurred several times over the duration of the month. This rainfall was well in excess of the design capacity of the Lower Dam which can hold a 5 day 95th *percentile* of 90.7mm as referenced in Schedule 4 Condition 30.

As a result, the Lower Dam overflowed at the constructed spillway at EPL 7 as uncontrolled discharge and has been monitored daily during discharge. Due to the extremely high amounts of rainfall and high groundwater table dewatering of Lower Dam is not possible.

The middle dam is at capacity due to the high volumes of water received during March and April and was sampled at the overflow point at EPL 10 daily during discharge.

overnow por	ni ai EPL 10 d	aily during discharge.	March 2022			
Monitoring		Daily during discharge		ND	u.C./om	No controlled
Monitoring Point 6		Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	260	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 31/03/2022 in
		Daily during discharge	рН	7.3	pН	response to
		Daily during discharge	Total Suspended Solids	64	mg/L	uncontrolled
		Daily during discharge	Turbidity	106		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	22/04/22	Daily during discharge	Conductivity	510	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 31/03/2022 in
		Daily during discharge	рH	8.1	рН	response to
		Daily during discharge	Total Suspended Solids	24	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	48	NTU	
		T	1	1	1	T
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	421	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 29/03/2022 in
		Daily during discharge	рН	7.8	рН	response to
		Daily during discharge	Total Suspended Solids	563	mg/L	uncontrolled
						discharge. Due to

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	D-4-	I Bannore Quarry	Environmental Monit			C
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
	/- /				- /	possible.
Monitoring	22/04/22	Daily during discharge	Conductivity	501	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 29/03/2022 in
		Daily during discharge	pH	8.1	pH	response to uncontrolled discharge
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	22	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	191	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/03/2022 in
		Daily during discharge	pН	7.3	рН	response to
		Daily during discharge	Total Suspended Solids	28	mg/L	uncontrolled
		Daily during discharge	Turbidity	45		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NITLI	Lower Dam is not
Monitoring	22/04/22	Daily during discharge	Conductivity	192	NTU μS/cm	possible. Sampling undertaken
Point 9	22/04/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/03/2022 in
1 Omic 5		Daily during discharge	pH	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	16	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	525	μS/cm	Sampling undertaken
Point 10	22,04,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/03/2022 in
1 0 20		Daily during discharge	pH	8.2	pH	response to
		Daily during discharge	Total Suspended Solids	12	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	30	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	203	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/03/2022 in
		Daily during discharge	pH	6.8	pН	response to
		Daily during discharge	Total Suspended Solids	7	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	15	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	550	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/03/2022 in
		Daily during discharge	pH	8.0	рН	response to
		Daily during discharge	Total Suspended Solids	7	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	31	NTU	

	Date	Jannore quarry	Environmental Monit	Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	Comment
		1	1	I	I	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	338	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 26/03/2022 in
		Daily during discharge	рН	7.9	pН	response to
		Daily during discharge	Total Suspended Solids	335	mg/L	uncontrolled
		Daily during discharge	Turbidity	508		discharge. Due to higher than average monthly rainfall and
						high groundwater
						table dewatering of
					NITI	Lower Dam is not
N. A. a. a. i. a. a. i. a. a.	22/04/22	Daile desire diadense	Carada attata .	454	NTU	possible.
Monitoring Point 9	22/04/22	Daily during discharge	Conductivity	154	μS/cm	Sampling undertaken on 26/03/2022 in
Point 9		Daily during discharge Daily during discharge	Oil and Grease	<0.1 6.9	mg/L	response to
		Daily during discharge	pH Total Suspended Solids	17	pH mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	26	NTU	- directitioned discharge
Monitoring	22/04/22	Daily during discharge	Conductivity	520	μS/cm	Sampling undertaken
Point 10	22/04/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 26/03/2022 in
1011112		Daily during discharge	pH	8.0	pH	response to
		Daily during discharge	Total Suspended Solids	2	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	27	NTU	
l		7 7 7 7 7 7 7 7 7 7 7 7			_	l
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	229	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 25/03/2022 in
		Daily during discharge	pH	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	47	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	24	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	508	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 25/03/2022 in
		Daily during discharge	pH	8.0	pН	response to
		Daily during discharge	Total Suspended Solids	2	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	23	NTU	
Maurita 1		Dathy dyname at 1	Considerate de	ND		Na assistantia
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND ND	mg/L	-
		Daily during discharge	pH Total Suspended Solids	ND	pH mg/l	-
		Daily during discharge	Total Suspended Solids	ND ND	mg/L NTU	-
Monitoring	22/04/22	Daily during discharge Daily during discharge	Turbidity Conductivity	367	μS/cm	Sampling undertaken
Point 9	22/04/22	Daily during discharge Daily during discharge	Oil and Grease	<0.1		on 24/03/2022 in
ויטווונ ד		Daily during discharge Daily during discharge	pH	7.0	mg/L pH	response to
		Daily during discharge Daily during discharge	Total Suspended Solids	45		uncontrolled discharge
		Leany during discharge	Total Suspended Solids	43	mg/L	

	Date		Environmental Monit	Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	Comment
		Daily during discharge	Turbidity	20	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	511	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 24/03/2022 in
		Daily during discharge	рН	8.4	рН	response to
		Daily during discharge	Total Suspended Solids	4	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	20	NTU	
Manitarina		Daile desira diashana	Canadinatinity	ND		No controlled
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	
N.A it a i	22/04/22	Daily during discharge	Turbidity	ND 245	NTU	Canadia a condentation
Monitoring	22/04/22	Daily during discharge	Conductivity	315	μS/cm	Sampling undertaken on 23/03/2022 in
Point 9		Daily during discharge	Oil and Grease	0.1	mg/L	response to
		Daily during discharge	pH	6.9 22	pH	uncontrolled discharge
		Daily during discharge	Total Suspended Solids	8.21	mg/L	difference discharge
Monitoring	22/04/22	Daily during discharge	Turbidity		NTU us/sm	Campling undertaken
Monitoring	22/04/22	Daily during discharge	Conductivity	512	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.2	mg/L	on 23/03/2022 in response to
		Daily during discharge	pH	8.5	pH	uncontrolled discharge
		Daily during discharge	Total Suspended Solids	11	mg/L	discharge
		Daily during discharge	Turbidity	19.8	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	302	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	0.1	mg/L	on 22/03/2022 in
		Daily during discharge	рН	6.9	pН	response to
		Daily during discharge	Total Suspended Solids	12	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	5.82	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	501	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.3	mg/L	on 22/03/2022 in
		Daily during discharge	рН	8.5	рН	response to
		Daily during discharge	Total Suspended Solids	15	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	30.4	NTU	
Marrie		Daile desire - at 1	Conductivity	ND		No continuit
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
Monitorias	6/05/22	Daily during discharge	Turbidity	ND 402	NTU us/am	Compling undertales:
Monitoring	6/05/22	Daily during discharge	Conductivity	493	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.6	mg/L	on 21/03/2022 in
		Daily during discharge	pH	8.0	pH	response to uncontrolled discharge
		Daily during discharge Daily during discharge	Total Suspended Solids Turbidity	17	mg/L NTU	ancontrolled discharge
		Daily during discharge	Tarbiaity	<u> </u>	INTO	l
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	1
		, 5 5	ř.	1	<u> </u>	1

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	257	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	0.1	mg/L	on 20/03/2022 in
		Daily during discharge	pH	6.8	pH	response to
		Daily during discharge	Total Suspended Solids	13	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	3.67	NTU	-
Monitoring	22/04/22	Daily during discharge	Conductivity	487	μS/cm	Sampling undertaken
Point 10	22,04,22	Daily during discharge	Oil and Grease	0.2	mg/L	on 20/03/2022 in
. 0 10		Daily during discharge	pH	8.1	pH	response to
		Daily during discharge	Total Suspended Solids	18	mg/L	uncontrolled discharge
			•			- ancontrolled discharge
		Daily during discharge	Turbidity	8.21	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	ansonar ge minatea
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	-
Manitarina	22/04/22	Daily during discharge	Conductivity	365		Campling undertaken
Monitoring Point 9	22/04/22		•		μS/cm	Sampling undertaken on 19/03/2022 in
Politi 9		Daily during discharge	Oil and Grease	0.1	mg/L	response to
		Daily during discharge	pH	6.9	pH	uncontrolled discharge
		Daily during discharge	Total Suspended Solids	37	mg/L	difficultioned discharge
	22/04/22	Daily during discharge	Turbidity	16.3	NTU	6 1 1 1
Monitoring	22/04/22	Daily during discharge	Conductivity	515	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.1	mg/L	on 19/03/2022 in
		Daily during discharge	pH	8.1	pН	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	29.6	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
1 Ollit 0						discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	_
	22/04/22	Daily during discharge	Turbidity	ND 204	NTU	6 1: 1 1
Monitoring	22/04/22	Daily during discharge	Conductivity	391	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	0.1	mg/L	on 18/03/2022 in
		Daily during discharge	pH	7	pH	response to
		Daily during discharge	Total Suspended Solids	47	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	22.3	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	500	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.1	mg/L	on 18/03/2022 in
		Daily during discharge	pH	8.3	рН	response to
		Daily during discharge	Total Suspended Solids	21	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	33.6	NTU	
Monitoring		Daily during discharge	Conductivity	ND	us/cm	No controlled
Point 6		Daily during discharge Daily during discharge	Flow	ND ND	μS/cm KL/day	discharge initiated
i Ullit U						uischarge miliateu
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
Manitaria	14/04/22	Daily during discharge	Turbidity	ND 242	NTU us/sm	Campling undantalian
Monitoring Point 9	14/04/22	Daily during discharge	Conductivity	342	μS/cm	Sampling undertaken on 17/03/2022 in
ו טווונ ס		Daily during discharge	Oil and Grease	0.4	mg/L	OII 1//03/2022 III

	Data		Environmental Monit	1		Commant
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	рН	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	19	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	10	NTU	
Monitoring	14/04/22	Daily during discharge	Conductivity	481	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.3	mg/L	on 17/03/2022 in
		Daily during discharge	рН	8.3	pН	response to
		Daily during discharge	Total Suspended Solids	16	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	46	NTU	
•			•		l .	•
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	22/4/22	Daily during discharge	Conductivity	327	μS/cm	Sampling undertaken
Point 9	, .,	Daily during discharge	Oil and Grease	0.5	mg/L	on 16/03/2022 in
		Daily during discharge	pH	6.8	pH	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	7.04	NTU	
Monitoring	22/4/22	Daily during discharge	Conductivity	473	μS/cm	Sampling undertaken
Point 10	22/4/22	Daily during discharge	Oil and Grease	0.4	mg/L	on 16/03/2022 in
101110 10		Daily during discharge	pH	7.9	рH	response to
			Total Suspended Solids	17	· ·	uncontrolled discharge
		Daily during discharge			mg/L	- ancontrolled discharge
		Daily during discharge	Turbidity	43.2	NTU	
Monitoring		Daily during discharge	Conductivity	ND	uC/om	No controlled
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	22/4/22	Daily during discharge	Conductivity	295	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	0.5	mg/L	on 15/03/2022 in
		Daily during discharge	pH	6.8	рН	response to
		Daily during discharge	Total Suspended Solids	5	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	4.95	NTU	
Monitoring	22/4/22	Daily during discharge	Conductivity	471	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.5	mg/L	on 15/03/2022 in
		Daily during discharge	pН	8.0	рН	response to
		Daily during discharge	Total Suspended Solids	29	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	42.8	NTU	
Monitoring	<u> </u>	Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	1
Monitoring	14/04/22	Daily during discharge	Conductivity	268	μS/cm	Sampling undertaken
Point 9	- ·, - ·, 	Daily during discharge	Oil and Grease	0.3	mg/L	on 13/03/2022 in
		Daily during discharge	pH	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	13	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	8.4	NTU	and and albeitarge
Monitoring	14/04/22	Daily during discharge Daily during discharge	Conductivity	463	μS/cm	Sampling undertaken
Point 10	14/04/22		·		-	1
LOUIL TO		Daily during discharge	Oil and Grease	0.2	mg/L	on 13/03/2022 in

Location	Date	Monitoring Frequency	Pollutant	Measure	Unit	Comment
Location	Received	wontoning rrequency	Pollutant	ment	Unit	
		Daily during discharge	pH	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	26	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	69	NTU	
		1	T	T		T
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
	/- /	Daily during discharge	Turbidity	ND	NTU	
Monitoring	22/4/22	Daily during discharge	Conductivity	220	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	0.5	mg/L	on 11/03/2022 in
		Daily during discharge	pH	6.9	pН	response to
		Daily during discharge	Total Suspended Solids	7	mg/L	uncontrolled discharge
	22/4/22	Daily during discharge	Turbidity	5.32	NTU	6 1: 1 1
Monitoring	22/4/22	Daily during discharge	Conductivity	446	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.4	mg/L	on 11/03/2022 in
		Daily during discharge	pH	7.9	pН	response to uncontrolled discharge
		Daily during discharge	Total Suspended Solids	26	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	74.3	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Monitoring Point 6		Daily during discharge Daily during discharge	Conductivity Flow	ND ND	μ3/cm KL/day	discharge initiated
FOILE		Daily during discharge	Oil and Grease	ND ND		discharge initiated
		Daily during discharge	pH	ND ND	mg/L	-
		Daily during discharge	Total Suspended Solids	ND ND	pH mg/L	-
		Daily during discharge	Turbidity	ND ND	NTU	
Monitoring	14/04/22	Daily during discharge	Conductivity	415	μS/cm	Sampling undertaken
Point 7	14/04/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 10/03/2022 in
1 Ollic 7		Daily during discharge	pH	7.7	pH	response to
		Daily during discharge	Total Suspended Solids	7.7	mg/L	uncontrolled
		Daily during discharge	Turbidity	114	1116/ L	discharge. Due to
		Daily during discharge	Tarbiarcy			higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
					NTU	possible.
Monitoring	14/04/22	Daily during discharge	Conductivity	429	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 10/03/2022 in
		Daily during discharge	pH	8.2	pН	response to
		Daily during discharge	Total Suspended Solids	51	mg/L	uncontrolled discharge from 203 mm in 5 days
		Daily during discharge	Turbidity	66	NTU	Holli 203 Illili ili 3 days
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Monitoring Point 6		Daily during discharge Daily during discharge	Flow	ND ND	μs/cm KL/day	discharge initiated
r onit 0		Daily during discharge Daily during discharge	Oil and Grease	ND ND		aischarge miliateu
		Daily during discharge Daily during discharge	pH	ND ND	mg/L	1
		Daily during discharge Daily during discharge	Total Suspended Solids	ND ND	pH mg/L	-
		Daily during discharge	Turbidity	ND ND	NTU	1
Monitoring	14/04/22	Daily during discharge Daily during discharge	Conductivity	475	μS/cm	Sampling undertaken
Point 7	14/04/22	Daily during discharge Daily during discharge	Oil and Grease	0.8	μs/cm mg/L	on 1/03/2022 in
· Onit /		Daily during discharge	pH	7.9	pH	response to
		Daily during discharge	Total Suspended Solids	117	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	168	NTU	
	14/04/22	Daily during discharge	Conductivity	587	μS/cm	
	17/04/22	Leany during discharge	Conductivity	507	μυ/ στι	1

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	0.3	mg/L	Sampling undertaken
Point 10		Daily during discharge	рН	8.1	рН	on 1/03/2022 in
		Daily during discharge	Total Suspended Solids	19	mg/L	response to
		Daily during discharge	Turbidity	41	NTU	uncontrolled discharge

A total of 670.8mm of rainfall was recorded by the site weather station over the month of March. Regional flooding occurred several times over the duration of the month. This rainfall was well in excess of the design capacity of the Lower Dam which can hold a 5 day 95th percentile of 90.7mm as referenced in Schedule 4 Condition 30. There was three instances were rainfall was above the design capacity of the Lower Dam leading to overflow at EPL 7. As a result, the Lower Dam overflowed at the constructed spillway at EPL 7 as uncontrolled discharge on 1/3/22 (136mm in 5 days), 10/3/22 (203mm in 5 days) and 26/3/22 (128mm in 5 days). The middle dam is at capacity due to the high volumes of water received during March and was sampled at the overflow point at EPL 10 daily during discharge.

February 2022								
Monitoring		Daily during discharge		ND	μS/cm	No controlled		
Monitoring Point 6		Daily during discharge	Conductivity Flow	ND	<u> </u>	discharge initiated		
POIIIL O			Oil and Grease		KL/day	uischarge militateu		
		Daily during discharge		ND	mg/L			
		Daily during discharge	pH	ND	pH			
		Daily during discharge	Total Suspended Solids	ND	mg/L			
		Daily during discharge	Turbidity	ND	NTU			
Monitoring	31/03/22	Daily during discharge	Conductivity	438	μS/cm	Sampling undertaken		
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/02/2022 in		
		Daily during discharge	рН	7.9	рН	response to		
		Daily during discharge	Total Suspended Solids	195	mg/L	uncontrolled discharge		
		Daily during discharge	Turbidity	252		from Middle Dam and		
					NTU	Lower Dam		
Monitoring	31/03/22	Daily during discharge	Conductivity	222	μS/cm	Sampling undertaken		
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/02/2022 in		
		Daily during discharge	рН	6.9	pН	response to		
		Daily during discharge	Total Suspended Solids	15	mg/L	uncontrolled discharge		
		Daily during discharge	Turbidity	10		from Middle Dam and		
					NTU	Lower Dam		
Monitoring	31/03/22	Daily during discharge	Conductivity	590	μS/cm	Sampling undertaken		
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/02/2022 in		
		Daily during discharge	рН	8.2	рН	response to		
		Daily during discharge	Total Suspended Solids	23	mg/L	uncontrolled discharge		
		Daily during discharge	Turbidity	42		from Middle Dam and		
					NTU	Lower Dam		
Manitaring	31/03/22	Daily during discharge	Conductivity	ND	C./.cm	No controlled		
Monitoring Point 6	31/03/22	Daily during discharge	Conductivity		μS/cm			
POIIIL O		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated		
		Daily during discharge	pH	ND	pH			
		Daily during discharge	Total Suspended Solids	ND	mg/L			
	24 (02 (22	Daily during discharge	Turbidity	ND	NTU	6 1 1 1		
Monitoring	31/03/22	Daily during discharge	Conductivity	375	μS/cm	Sampling undertaken		
Point 8		Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/02/2022 in		
		Daily during discharge	pH	7.9	pН	response to		
		Daily during discharge	Total Suspended Solids	103	mg/L	uncontrolled discharge		
		Daily during discharge	Turbidity	218		EPL8 sampled instead		
						of EPL7 which was		
	24 /22 /22	5 11 1 1 11 1	0 1	222	NTU	inaccessible.		
Monitoring	31/03/22	Daily during discharge	Conductivity	222	μS/cm	Sampling undertaken		
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/02/2022 in		
		Daily during discharge	pH	6.9	pH "	response to		
		Daily during discharge	Total Suspended Solids	15	mg/L	uncontrolled discharge		
		Daily during discharge	Turbidity	10	NITT!!	from Middle Dam and		
N.4 i4	24 /02 /22	Dathy dente 12 1	Condination	F00	NTU	Lower Dam		
Monitoring	31/03/22	Daily during discharge	Conductivity	590	μS/cm	Sampling undertaken		
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/02/2022 in		

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	рН	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	39	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND ND	KL/day	discharge initiated
Tomico		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	31/03/22	Daily during discharge	Conductivity	218	μS/cm	Monthly monitoring
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	combined with
		Daily during discharge	pH	6.9	рН	uncontrolled discharge
		Daily during discharge	Total Suspended Solids	32	mg/L	monitoring on
		Daily during discharge	Turbidity	16	NTU	24/02/2022 after high rainfall event
Monitoring	31/03/22	Monthly	Conductivity	358	μS/cm	Monthly monitoring
Point 8		Monthly	Oil and Grease	<0.1	mg/L	combined with
		Monthly	рН	8.0	рН	uncontrolled discharge
		Monthly	Total Suspended Solids	67	mg/L	monitoring on
		Monthly	Turbidity	370	NTU	24/02/2022 after high rainfall event
Monitoring	31/03/22	Daily during discharge	Conductivity	623	μS/cm	Monthly monitoring
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	combined with
		Daily during discharge	рН	8.3	рН	uncontrolled discharge
		Daily during discharge	Total Suspended Solids	6	mg/L	monitoring on
		Daily during discharge	Turbidity	2.6	NTU	24/02/2022 after high rainfall event

Between 22nd and 28th February 2022, 215.2 mm of rainfall was recorded by the site weather station, with 148.2mm being recorded between the 23rd and 25th February. There was regional flooding associated with this rainfall event. This rainfall was well in excess of the design capacity of the Lower Dam which can hold a 5 day 95th percentile of 90.7mm as referenced in Schedule 4 Condition 30. As a result, the Lower Dam overflowed at the constructed spillway at EPL 7 as uncontrolled discharge on 24th, 27th and 28th February 2022.

The immediate vicinity of the spillway had elevated measured total suspended solids (TSS). At the downstream water quality monitoring point GS-3/EPL9, TSS results were low and very similar to upstream values indicating that any impacts from the overflow was minimal. The lower dam spillway is surrounded by reeds and riparian zones which rapidly remove any suspended solids from floodwaters.

Location	Date Received	Monitoring Frequency	Pollutant	Measureme nt	Unit	Comments	
January 2022							
Monitoring		Daily during discharge	Conductivity	ND	μS/cm		
Point 6		Daily during discharge	Flow	ND	KL/day		
		Daily during discharge	Oil and Grease	ND	mg/L		
		Daily during discharge	рН	ND	рН		
		Daily during discharge	Total Suspended Solids	ND	mg/L		
		Daily during discharge	Turbidity	ND	NTU		
Monitoring		Daily during discharge	Conductivity	ND	μS/cm		
Point 7		Daily during discharge	Oil and Grease	ND	mg/L		
		Daily during discharge	рН	ND	рН		
		Daily during discharge	Total Suspended Solids	ND	mg/L		
		Daily during discharge	Turbidity	ND	NTU		
Monitoring	08/03/22	Monthly	Conductivity	508	μS/cm	Monthly monitoring	
Point 8		Monthly	Oil and Grease	0.7	mg/L	24/01/22	
		Monthly	рН	8.1	рН		
		Monthly	Total Suspended Solids	51	mg/L		
		Monthly	Turbidity	110	NTU		
		Daily during discharge	Conductivity	ND	μS/cm		

			Environmental Monit			
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	ND	mg/L	
Point 10		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			December 2021			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	17/01/22	Monthly	Conductivity	529	μS/cm	Monthly monitoring
Point 8		Monthly	Oil and Grease	0.4	mg/L	10/12/21
		Monthly	рН	8.1	pН	
		Monthly	Total Suspended Solids	215	mg/L	
		Monthly	Turbidity	230	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		Dany daning distinct ge	November 2021			
Monitoring		Daily during discharge		ND	μS/cm	
Monitoring Point 6		Daily during discharge Daily during discharge	Conductivity Flow		μS/cm KL/day	
_		Daily during discharge	Conductivity Flow	ND	KL/day	
_		Daily during discharge Daily during discharge	Conductivity	ND ND	KL/day mg/L	
_		Daily during discharge Daily during discharge Daily during discharge	Conductivity Flow Oil and Grease pH	ND ND ND	KL/day mg/L pH	
_		Daily during discharge Daily during discharge Daily during discharge Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids	ND ND ND	KL/day mg/L pH mg/L	
Point 6		Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity	ND ND ND ND	KL/day mg/L pH mg/L NTU	
Point 6 Monitoring		Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity	ND ND ND ND ND	KL/day mg/L pH mg/L NTU µS/cm	
Point 6		Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND ND ND ND ND ND	KL/day mg/L pH mg/L NTU μS/cm mg/L	
Point 6 Monitoring		Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH	ND	ML/day mg/L pH mg/L NTU μS/cm mg/L pH	
Point 6 Monitoring		Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids	ND N	ML/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L	
Monitoring Point 7	23/12/21	Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity	ND N	ML/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU	Monthly monitoring
Point 6 Monitoring Point 7 Monitoring	23/12/21	Daily during discharge Monthly	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Conductivity Conductivity	ND N	ML/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm	Monthly monitoring
Monitoring Point 7	23/12/21	Daily during discharge Monthly Monthly	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND N	KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L pH mg/L NTU μS/cm	Monthly monitoring 23/11/21
Point 6 Monitoring Point 7 Monitoring	23/12/21	Daily during discharge Monthly Monthly Monthly	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH	ND ND ND ND ND ND ND ND ND ND ND S33 0.2	ML/day mg/L pH mg/L NTU µS/cm mg/L pH mg/L NTU pS/cm mg/L pH mg/L NTU pS/cm	,
Point 6 Monitoring Point 7 Monitoring	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids	ND ND ND ND ND ND ND ND ND ND ND S33 0.2 8.2 83	ML/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU pH mg/L NTU μS/cm mg/L NTU μS/cm	,
Monitoring Point 7 Monitoring Point 8	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Monthly Monthly	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity	ND N	ML/day mg/L pH mg/L NTU µS/cm mg/L pH mg/L NTU µS/cm mg/L NTU µS/cm mg/L NTU µS/cm mg/L NTU NTU	,
Point 6 Monitoring Point 7 Monitoring Point 8	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Monthly Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Conductivity Conductivity	ND N	ML/day mg/L pH mg/L NTU μS/cm mg/L PH mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm	,
Monitoring Point 7 Monitoring Point 8	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Daily during discharge Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND N	KL/day mg/L pH mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm	,
Point 6 Monitoring Point 7 Monitoring Point 8	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Monthly Daily during discharge Daily during discharge Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Conductivity Oil and Grease	ND N	ML/day mg/L pH mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm	,
Point 6 Monitoring Point 7 Monitoring Point 8	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids	ND N	ML/day mg/L pH mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm	,
Point 6 Monitoring Point 7 Monitoring Point 8	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Monthly Daily during discharge Daily during discharge Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity	ND N	ML/day mg/L pH mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm	,
Point 6 Monitoring Point 7 Monitoring Point 8 Monitoring Point 10	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Monthly Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Cotal Suspended Solids Turbidity October 2021	ND N	ML/day mg/L pH mg/L NTU μS/cm mg/L PH mg/L NTU μS/cm mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm mg/L NTU μS/cm NTU μS/cm	,
Point 6 Monitoring Point 7 Monitoring Point 8 Monitoring Point 10	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Cotober 2021 Conductivity	ND N	KL/day mg/L pH mg/L NTU μS/cm	,
Point 6 Monitoring Point 7 Monitoring Point 8 Monitoring Point 10	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Cotober 2021 Conductivity Flow	ND N	ML/day mg/L pH mg/L NTU μS/cm	,
Point 6 Monitoring Point 7 Monitoring Point 8 Monitoring Point 10	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Coctober 2021 Conductivity Flow Oil and Grease	ND N	KL/day mg/L pH mg/L NTU μS/cm mg/L PH mg/L NTU μS/cm	,
Point 6 Monitoring Point 7 Monitoring Point 8 Monitoring Point 10	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity October 2021 Conductivity Flow Oil and Grease pH	ND N	KL/day mg/L pH mg/L NTU µS/cm mg/L PH mg/L NTU µS/cm mg/L PH mg/L NTU µS/cm mg/L pH mg/L NTU pH mg/L NTU pH mg/L NTU pH mg/L NTU	,
Point 6 Monitoring Point 7 Monitoring Point 8 Monitoring Point 10	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity October 2021 Conductivity Flow Oil and Grease pH Total Suspended Solids	ND N	KL/day mg/L pH mg/L NTU µS/cm mg/L PH mg/L NTU µS/cm mg/L NTU µS/cm mg/L NTU µS/cm mg/L NTU µS/cm mg/L NTU µS/cm mg/L PH mg/L NTU	,
Point 6 Monitoring Point 7 Monitoring Point 8 Monitoring Point 10	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity October 2021 Conductivity Flow Oil and Grease pH	ND N	KL/day mg/L pH mg/L NTU µS/cm mg/L PH mg/L NTU µS/cm mg/L PH mg/L NTU µS/cm mg/L pH mg/L NTU pH mg/L NTU pH mg/L NTU pH mg/L NTU	,

		Dunmore Quarry	Environmental Monit			
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	ND	mg/L	
Point 7		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	2/12/21	Monthly	Conductivity	664	μS/cm	Monthly monitoring
Point 8		Monthly	Oil and Grease	0.2	mg/L	26/10/21
		Monthly	рН	8.1	рН	
		Monthly	Total Suspended Solids	34	mg/L	
		Monthly	Turbidity	80	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			September 2021			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	21/10/21	Monthly	Conductivity	580	μS/cm	Monthly Monitoring
Point 8		Monthly	Oil and Grease	0.1	mg/L	22/09/21
		Monthly	pH	8.1	pH	,,
		Monthly	Total Suspended Solids	40	mg/L	
		Monthly	Turbidity	36	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		Daily during discharge	larbiarcy	110	1110	
			August 2021			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	
1 Offic 7		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	+ •	-
		Daily during discharge	Turbidity	ND ND	mg/L NTU	
Monitoring	20/9/21		•		-	Monthly campling
Monitoring Point 8	20/9/21	Monthly	Conductivity	257	μS/cm	Monthly sampling
ruiil o		Monthly	Oil and Grease	0.3	mg/L	25/8/21
		Monthly	pH	6.6	pH	
		Monthly	Total Suspended Solids	50	mg/L	
Man !t = : '		Monthly	Turbidity	65 ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	

	Date	l Buillione Quarry	Environmental Monit	Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	Comment
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			July 2021			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	24/8/21	Monthly	Conductivity	645	μS/cm	Monthly monitoring
Point 8		Monthly	Oil and Grease	0.2	mg/L	30/7/21
		Monthly	рН	8.1	рН	
		Monthly	Total Suspended Solids	20	mg/L	
		Monthly	Turbidity	30	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
	-	Daily during discharge	Turbidity	ND	NTU	
		. 3	June 2021			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	13/7/21	Monthly	Conductivity	7.9	μS/cm	Monthly monitoring
Point 8		Monthly	Oil and Grease	<0.1	mg/L	29/6/21
		Monthly	pН	7.9	рН	
		Monthly	Total Suspended Solids	27	mg/L	
		Monthly	Turbidity	60	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
	•	, 5	May 2021			
Monitoring	14/5/21	Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6	, ,	Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	J
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	14/5/21	Daily during discharge	Conductivity	484	μS/cm	Sampling
Point 7	- 1, 5, 21	Daily during discharge	Oil and Grease	<0.1	mg/L	undertaken 6/5/21
	1	L Sany daring discharge	I on and orease	\U.1	1115/ L	5.1.45. taken 0/5/21

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	рН	7.9	рН	in response to
		Daily during discharge	Total Suspended Solids	192	mg/L	uncontrolled
		Daily during discharge	Turbidity	280	NTU	discharge
Monitoring	14/5/21	Daily during discharge	Conductivity	422	μS/cm	Sampling
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	undertaken 6/5/21
		Daily during discharge	рН	7.1	рН	Downstream water
		Daily during discharge	Total Suspended Solids	22	mg/L	quality monitoring
		Daily during discharge	Turbidity	20	NTU	
Monitoring	14/5/21	Daily during discharge	Conductivity	ND	μS/cm	No discharge from
Point 10	int 10 Daily during discha	Daily during discharge	Oil and Grease	ND	mg/L	Middle Dam
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		Dany daning disentings		1,12	1110	
Monitoring	14/5/21	Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	pH	1
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	_
Monitoring	14/5/21	Daily during discharge	Conductivity	423	μS/cm	Sampling
Point 7	14/3/21	Daily during discharge	Oil and Grease	<0.1		undertaken 7/5/21
FOIIIC /				•	mg/L	in response to
		Daily during discharge	pH	7.7	pH	uncontrolled
		Daily during discharge	Total Suspended Solids	402	mg/L	discharge
N.A. with a wine	1.4/5/24	Daily during discharge	Turbidity	550	NTU	
Monitoring	14/5/21	Daily during discharge	Conductivity	141	μS/cm	Sampling
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	undertaken 7/5/21
		Daily during discharge	pH	6.6	pH	Downstream water
		Daily during discharge	Total Suspended Solids	5.0	mg/L	quality monitoring
		Daily during discharge	Turbidity	18	NTU	
Monitoring	14/5/21	Daily during discharge	Conductivity	ND	μS/cm	No discharge from
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	Middle Dam
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	15/4/21	Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6	13/4/21	Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	_
		Daily during discharge	Total Suspended Solids	ND		
		, , ,			mg/L	-
Monitoring	15/4/21	Daily during discharge	Turbidity	ND 316	NTU	Sampling
Monitoring Point 7	15/4/21	Daily during discharge	Conductivity		μS/cm	undertaken 7/5/21
POIIIL 7		Daily during discharge	Oil and Grease	<0.1	mg/L	in response to
		Daily during discharge	pH	7.4	pH	uncontrolled
		Daily during discharge	Total Suspended Solids	125	mg/L	discharge
D.4 i+ ·	45/4/24	Daily during discharge	Turbidity	200	NTU	
Monitoring	15/4/21	Daily during discharge	Conductivity	184	μS/cm	
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	undertaken 7/5/21
		Daily during discharge	pH	6.8	pH	Downstream water
		Daily during discharge	Total Suspended Solids	3	mg/L	ITU
		Daily during discharge	Turbidity	12	NTU	
Monitoring	15/4/21	Daily during discharge	Conductivity	ND	μS/cm	No discharge from
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	Middle Dam
		Daily during discharge	рН	ND	рН	

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	21/5/21	Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	21/5/21	Daily during discharge	Conductivity	ND	μS/cm	
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	21/5/21	Monthly	Conductivity	596	μS/cm	Monthly Monitoring
Point 8		Monthly	Oil and Grease	<0.1	mg/L	undertaken 31/5/21
		Monthly	pН	8.0	рН	
		Monthly	Total Suspended Solids	48	mg/L	
		Monthly	Turbidity	70	NTU	
Monitoring	21/5/21	Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	

Starting on 5 May 2021, 185.88 mm of rain fell within a 3 day period up until 7 May 2021 leading to wide ranging flooding throughout the region. This rainfall was well in excess of the design capacity of the Lower Dam which can hold a 5 day 95th percentile of 90.7mm as referenced in Schedule 4 Condition 30. As a result, the Lower Dam overflowed at the constructed spillway at EPL 7 as uncontrolled discharge on 5, 6 and 7 May 2021.

The immediate vicinity of the spillway and downstream edge of the mixing zone had elevated measured total suspended solids (TSS). At the downstream water quality monitoring point GS-3/EPL9, TSS results were very similar to upstream values indicating that any impacts from the overflow was minimal. The lower dam spillway is surrounded by reeds and riparian zones which rapidly remove any suspended solids from floodwaters.

These results confirm the observations that elevated TSS was isolated to the immediate vicinity Lower Dam and the immediate mixing zone of the floodwaters from Rocklow Creek. No breach of consent condition occurred as the rainfall event was outside of the design capacity of the dam as denoted by S4.C30. No complaints were received and TSS levels were at or below upstream values at the downstream monitoring point.

This information will be reported in the Dunmore Quarry Annual Review.

	April 2021									
Monitoring	21/5/21	Daily during discharge	Conductivity	ND	μS/cm					
Point 6		Daily during discharge	Flow	ND	KL/day					
		Daily during discharge	Oil and Grease	ND	mg/L					
		Daily during discharge	рН	ND	рН					
		Daily during discharge	Total Suspended Solids	ND	mg/L					
		Daily during discharge	Turbidity	ND	NTU					
Monitoring	21/5/21	Daily during discharge	Conductivity	ND	μS/cm					
Point 7		Daily during discharge	Oil and Grease	ND	mg/L					
		Daily during discharge	рН	ND	рН					
		Daily during discharge	Total Suspended Solids	ND	mg/L					
		Daily during discharge	Turbidity	ND	NTU					
Monitoring	21/5/21	Monthly	Conductivity	632	μS/cm	Monthly monitoring				
Point 8		Monthly	Oil and Grease	<0.1	mg/L	28/4/21				
		Monthly	рН	8.1	рН					
		Monthly	Total Suspended Solids	36	mg/L					

	Data	Duffinore Quarry	Environmental Monit			Commont
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
<u>'</u>		Monthly	Turbidity	55	NTU	
Monitoring	21/5/21	Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			March 2021		1	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	Monthly Sampling
Point 6		Daily during discharge	Flow	ND	KL/day	undertaken on
		Daily during discharge	Oil and Grease	ND	mg/L	20/03/21
		Daily during discharge	pH	ND	pH "	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	Monthly Sampling
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	undertaken on
		Daily during discharge	pH	ND	pН	20/03/21
		Daily during discharge	Total Suspended Solids	ND	mg/L	
	45/4/24	Daily during discharge	Turbidity	ND	NTU	NA 11 1 C 1'
Monitoring	15/4/21	Monthly	Conductivity	550	μS/cm	Monthly Sampling
Point 8		Monthly	Oil and Grease	<0.1	mg/L	undertaken on
		Monthly	pH	8.1	pH	20/03/21. Heavy Rain
		Monthly	Total Suspended Solids	148	mg/L	Naiii
Manitaring		Monthly	Turbidity	220 ND	NTU S./am	Monthly Compling
Monitoring Point 10		Daily during discharge	Conductivity	ND	μS/cm	Monthly Sampling undertaken on
Point 10		Daily during discharge	Oil and Grease pH	ND ND	mg/L	20/03/21
		Daily during discharge Daily during discharge	Total Suspended Solids	ND ND	pH mg/l	20/03/21
		Daily during discharge	Turbidity	ND ND	mg/L NTU	
		Daily during discharge	Turblaity	ND	NIO	
Monitoring	15/4/21	Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	-
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	15/4/21	Daily during discharge	Conductivity	316	μS/cm	Sampling
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	undertaken 24/3/21
		Daily during discharge	рН	7.4	рН	in response to
		Daily during discharge	Total Suspended Solids	125	mg/L	uncontrolled
		Daily during discharge	Turbidity	200	NTU	discharge
Monitoring	15/4/21	Daily during discharge	Conductivity	184	μS/cm	Sampling
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	undertaken 24/3/21
		Daily during discharge	pH	6.8	рН	Downstream water
		Daily during discharge	Total Suspended Solids	3	mg/L	quality monitoring
		Daily during discharge	Turbidity	12	NTU	
Monitoring	15/4/21	Daily during discharge	Conductivity	ND	μS/cm	No discharge from
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	Middle Dam
		Daily during discharge	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitorina	16/4/21	Daily during discharge	Conductivity	ND	115/000	No controlled
Monitoring	16/4/21	Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH Total Suspended Solids	ND	pH mg/l	
		Daily during discharge	Total Suspended Solids	ND	mg/L	

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	16/4/21	Daily during discharge	Conductivity	420	μS/cm	Sampling
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	undertaken 25/3/21
		Daily during discharge	рН	7.6	рН	in response to
		Daily during discharge	Total Suspended Solids	120	mg/L	uncontrolled
		Daily during discharge	Turbidity	170	NTU	discharge
Monitoring	16/4/21	Daily during discharge	Conductivity	220	μS/cm	Sampling undertaken 25/3/21 Downstream water
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	6.7	рН	
		Daily during discharge	Total Suspended Solids	10	mg/L	quality monitoring
		Daily during discharge	Turbidity	7.2	NTU	1
Monitoring	16/4/21	Daily during discharge	Conductivity	ND	μS/cm	No discharge from
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	Middle Dam
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	

Starting on 19 March 2021, 215.42 mm of rain fell within a 5 day period up until 23 March 2021. This led to site closure on 21, 22 and 23 March and wide ranging flooding throughout the region. This rainfall was well in excess of the design capacity of the Lower Dam which can hold a 5 day 95th percentile of 90.7mm as referenced in Schedule 4 Condition 30. As a result, the Lower Dam overflowed at the constructed spillway at EPL 7 as uncontrolled discharge.

The immediate vicinity of the spillway and downstream edge of the mixing zone had elevated measured total suspended solids (TSS). At the downstream water quality monitoring point GS-3/EPL9, TSS results were very similar to upstream values indicating that any impacts from the overflow was minimal. The lower dam spillway is surrounded by reeds and riparian zones which rapidly remove any suspended solids from floodwaters.

These results confirm the observations that elevated TSS was isolated to the immediate vicinity Lower Dam and the immediate mixing zone of the floodwaters from Rocklow Creek. No breach of consent condition occurred as the rainfall event was outside of the design capacity of the dam as denoted by S4.C30. No complaints were received and TSS levels were at or below upstream values at the downstream monitoring point.

The EPA were notified on 22 April 11am and were satisfied that the dam was operated as designed and there was no breach of licence conditions.

The DPIE were notified on 22 April 12pm and requested that the information was submitted to the portal for record keeping purposes. This information will be reported in the Dunmore Quarry Annual Review.

		February 2021			
Monitoring	Daily during discharge	Conductivity	ND	μS/cm	
Point 6	Daily during discharge	Flow	ND	KL/day	
	Daily during discharge	Oil and Grease	ND	mg/L	
	Daily during discharge	рН	ND	рН	
	Daily during discharge	Total Suspended Solids	ND	mg/L	
	Daily during discharge	Turbidity	ND	NTU	
Monitoring	Daily during discharge	Conductivity	ND	μS/cm	
Point 7	Daily during discharge	Oil and Grease	ND	mg/L	
	Daily during discharge	рН	ND	рН	
	Daily during discharge	Total Suspended Solids	ND	mg/L	
	Daily during discharge	Turbidity	ND	NTU	
Monitoring	Monthly	Conductivity	597	μS/cm	
Point 8	Monthly	Oil and Grease	<0.1	mg/L	
	Monthly	рН	7.8	рН	
	Monthly	Total Suspended Solids	47	mg/L	
	Monthly	Turbidity	60	NTU	
Monitoring	Daily during discharge	Conductivity	ND	μS/cm	
Point 10	Daily during discharge	Oil and Grease	ND	mg/L	
	Daily during discharge	рН	ND	рН	
	Daily during discharge	Total Suspended Solids	ND	mg/L	

Location	Date		Pollutant	Measure	Unit	Comment
Location	Received	Monitoring Frequency		ment		
		Daily during discharge	Turbidity	ND	NTU	
	11/00/01		January 2021		1 6/	
Monitoring	11/02/21	Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH "	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
	14/02/24	Daily during discharge	Turbidity	ND	NTU	
Monitoring	11/02/21	Daily during discharge	Conductivity	ND	μS/cm	
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge Daily during discharge	pH Total Suspended Solids	ND ND	pH mg/l	
		Daily during discharge Daily during discharge	•		mg/L	
Monitoring	11/02/21		Turbidity	ND 633	NTU	
Monitoring Point 8	11/02/21	Monthly	Conductivity	623 0.5	μS/cm	
POIII 8		Monthly Monthly	Oil and Grease pH	8.4	mg/L pH	
		Monthly	Total Suspended Solids	38		
		Monthly	Turbidity	40	mg/L NTU	
Monitoring	11/02/21	Daily during discharge	Conductivity	ND	μS/cm	
Point 10	11/02/21	Daily during discharge	Oil and Grease	ND	mg/L	
TOILL 10		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		Daily during discharge	December 2020	ND	NIO	
Monitoring	12/01/21	Daily during discharge	Conductivity	ND	μS/cm	
Point 6	12/01/21	Daily during discharge	Flow	ND	KL/day	
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	12/01/21	Daily during discharge	Conductivity	ND	μS/cm	
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	12/01/21	Monthly	Conductivity	623	μS/cm	
Point 8		Monthly	Oil and Grease	0.5	mg/L	
		Monthly	рН	8.4	рН	
		Monthly	Total Suspended Solids	38	mg/L	
		Monthly	Turbidity	40	NTU	
Monitoring	12/01/21	Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			November 2020			
Monitoring	01/12/20	Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
	04/10/5	Daily during discharge	Turbidity	ND	NTU	
Monitoring	01/12/20	Daily during discharge	Conductivity	ND	μS/cm	
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
L		Daily during discharge	Turbidity	ND	NTU	
Monitoring	01/12/20	Monthly	Conductivity	668	μS/cm	
Point 8		Monthly	Oil and Grease	0.1	mg/L	
		Monthly	pН	8.2	рН	
		Monthly	Total Suspended Solids	38	mg/L	
		Monthly	Turbidity	65	NTU	
Monitoring	01/12/20	Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
	T	l	October 2020	T		
Monitoring	03/11/20	Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	03/11/20	Daily during discharge	Conductivity	ND	μS/cm	
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	03/11/20	Monthly	Conductivity	729	μS/cm	
Point 8		Monthly	Oil and Grease	0.1	mg/L	
		Monthly	pH	8.1	рН	
		Monthly	Total Suspended Solids	20	mg/L	
		Monthly	Turbidity	19	NTU	
Monitoring	03/11/20	Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
	4.4/4.0/0.0		September 2020		6.4	
Monitoring	14/10/20	Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
Nanitavina	14/10/20	Daily during discharge	Turbidity	ND	NTU s./ara	
Monitoring Point 7	14/10/20	Daily during discharge	Conductivity	ND	μS/cm	
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH Total Suspended Solids	ND	pH	
		Daily during discharge	'	ND	mg/L	
Manitaring	14/10/20	Daily during discharge	Turbidity	ND	NTU s./am	
Monitoring Point 8	14/10/20	Monthly	Conductivity Oil and Grease	685	μS/cm	
FUIIIL O		Monthly	pH grease	0.5 8	mg/L	
		Monthly Monthly	Total Suspended Solids	19	pH mg/l	
		Monthly	Turbidity	40	mg/L NTU	
Monitoring	14/10/20	Daily during discharge	Conductivity	ND		
Point 10	14/10/20	Daily during discharge Daily during discharge	Oil and Grease	ND ND	μS/cm	
i Ollit 10			pH	ND ND	mg/L	
		Daily during discharge Daily during discharge	Total Suspended Solids	ND ND	pH mg/l	
		Daily during discharge Daily during discharge	Turbidity	ND ND	mg/L NTU	
		Daily during discharge	August 2020	ווט	INTU	

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring	20/8/20	Daily during discharge	Conductivity	634	μS/cm	Lower Dam was
Point 6		Daily during discharge	Flow	4666	KL/day	dewatered 5/8/20
		Daily during discharge	Oil and Grease	NV	mg/L	in preparation of
		Daily during discharge	pH	8.0	рН	upcoming ECL.
		Daily during discharge	Total Suspended Solids	33	mg/L	
		Daily during discharge	Turbidity	70	NTU	
Monitoring	20/8/20	Daily during discharge	Conductivity	650	μS/cm	Lower Dam was
Point 6		Daily during discharge	Flow	4666	KL/day	dewatered 6/8/20
		Daily during discharge	Oil and Grease	NV	mg/L	in preparation of
		Daily during discharge	pH	8.0	рН	upcoming ECL.
		Daily during discharge	Total Suspended Solids	24	mg/L	
		Daily during discharge	Turbidity	60	NTU	
Monitoring	13/8/20	Daily during discharge	Conductivity	251	μS/cm	Discharge
Point 7		Daily during discharge	Oil and Grease	NV	mg/L	monitoring on
		Daily during discharge	рН	7.44	рН	11/8/20 after high
		Daily during discharge	Total Suspended Solids	8	mg/L	rainfall event
		Daily during discharge	Turbidity	20	NTU	
Monitoring	13/8/20	Daily during discharge	Conductivity	280	μS/cm	Discharge
Point 7		Daily during discharge	Oil and Grease	NV	mg/L	monitoring on
		Daily during discharge	рН	7.49	рН	12/8/20 after high
		Daily during discharge	Total Suspended Solids	6	mg/L	rainfall event
		Daily during discharge	Turbidity	18.1	NTU	
Monitoring	20/8/20	Daily during discharge	Conductivity	300	μS/cm	Discharge
Point 7		Daily during discharge	Oil and Grease	NV	mg/L	monitoring on
		Daily during discharge	pH	7.23	pН	13/8/20 after high
		Daily during discharge	Total Suspended Solids	8	mg/L	rainfall event
		Daily during discharge	Turbidity	13.7	NTU	
Monitoring	20/8/20	Daily during discharge	Conductivity	493	μS/cm	Discharge
Point 7		Daily during discharge	Oil and Grease	NV	mg/L	monitoring on
		Daily during discharge	рH	7.92	рН	14/8/20 after high
		Daily during discharge	Total Suspended Solids	15	mg/L	rainfall event
		Daily during discharge	Turbidity	41.1	NTU	
Monitoring	27/8/20	Daily during discharge	Conductivity	371	μS/cm	Discharge
Point 7		Daily during discharge	Oil and Grease	NV	mg/L	monitoring on
		Daily during discharge	рН	7.0	рН	15/8/20 after high
		Daily during discharge	Total Suspended Solids	12	mg/L	rainfall event
		Daily during discharge	Turbidity	10	NTU	
Monitoring	27/8/20	Daily during discharge	Conductivity	523	μS/cm	Discharge
Point 10		Daily during discharge	Oil and Grease	NV	mg/L	monitoring on
		Daily during discharge	рН	8.0	pН	21/8/20
		Daily during discharge	Total Suspended Solids	10	mg/L	1
		Daily during discharge	Turbidity	67.1	NTU	1
Monitoring	10/9/20	Monthly	Conductivity	687	μS/cm	
Point 8	', -,	Monthly	Oil and Grease	0.1	mg/L	on 31/8/20
		Monthly	pH	7.9	pH	1 '
		Monthly	Total Suspended Solids	20	mg/L	1
	1				0/ -	1

The site was unable to be accessed on the 9th and 10th of August 2020 due to safety concerns and flash flooding which caused site closure. As per note 2 within condition 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 11th of August, 2020. The rainfall associated with this event (180mm in 4 days) was outside the 5 day, 95th percentile holding capacity of the dam which is designed to hold 90.7mm of rainfall over 5 days.

			July 2020			
Monitoring	13/7/20	Daily during discharge	Conductivity	928	μS/cm	Lower Dam was
Point 6		Daily during discharge	Flow	4666	KL/day	dewatered 10/7/20
		Daily during discharge	Oil and Grease	<5	mg/L	

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	рН	8.22	рН	in preparation of
		Daily during discharge	Total Suspended Solids	24	mg/L	upcoming ECL.
		Daily during discharge	Turbidity	25.3	NTU	
Monitoring	20/7/20	Daily during discharge	Conductivity	1010	μS/cm	Lower Dam was
Point 6		Daily during discharge	Flow	4666	KL/day	dewatered 11/7/20
		Daily during discharge	Oil and Grease	<5	mg/L	in preparation of
		Daily during discharge	рН	8.20	рН	upcoming ECL.
		Daily during discharge	Total Suspended Solids	24	mg/L	
		Daily during discharge	Turbidity	27.1	NTU	
Monitoring	20/7/20	Daily during discharge	Conductivity	971	μS/cm	Lower Dam was
Point 6		Daily during discharge	Flow	4666	KL/day	dewatered 13/7/20
		Daily during discharge	Oil and Grease	<5	mg/L	in preparation of
		Daily during discharge	рН	8.20	pН	upcoming ECL.
		Daily during discharge	Total Suspended Solids	20	mg/L	
		Daily during discharge	Turbidity	28.4	NTU	
Monitoring	5/8/20	Daily during discharge	Conductivity	ND	μS/cm	monthly monitoring
Point 6		Daily during discharge	Flow	ND	KL/day	undertaken
		Daily during discharge	Oil and Grease	ND	mg/L	15/07/20
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	5/8/20	Daily during discharge	Conductivity	ND	μS/cm	monthly monitoring
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	undertaken
		Daily during discharge	рН	ND	pН	15/07/20
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	5/8/20	Monthly	Conductivity	881	μS/cm	monthly monitoring
Point 8		Monthly	Oil and Grease	0.2	mg/L	undertaken
		Monthly	рН	8.0	pН	15/07/20
		Monthly	Total Suspended Solids	24	mg/L	
		Monthly	Turbidity	65	NTU	
Monitoring	5/8/20	Daily during discharge	Conductivity	ND	μS/cm	monthly monitoring
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	undertaken
		Daily during discharge	рН	ND	pН	15/07/20
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	20/8/20	Daily during discharge	Conductivity	258	μS/cm	Lower Dam Spillway
Point 7		Daily during discharge	Oil and Grease	0.5	mg/L	Monitoring 29/7/20
		Daily during discharge	рН	7.1	pH	after 220m rainfall
		Daily during discharge	Total Suspended Solids	10	mg/L	in 4 days.
		Daily during discharge	Turbidity	39	NTU	1

The monitoring points were unable to be accessed on the 27th and 28th of July, 2020 due to safety concerns and flash flooding. As per the note within condition M2.4 the site notified the EPA and undertook sampling as soon as it was safe to do so on 29th of July, 2020. The rainfall associated with this event was outside the 5 day, 95th percentile holding capacity of the dam which is designed to hold 90.7mm of rainfall over 5 days.

	June 2020					
Monitoring	Daily during discharge	Conductivity	ND	μS/cm		
Point 6	Daily during discharge	Flow	ND	KL/day		
	Daily during discharge	Oil and Grease	ND	mg/L		
	Daily during discharge	рН	ND	рН		
	Daily during discharge	Total Suspended Solids	ND	mg/L		
	Daily during discharge	Turbidity	ND	NTU		
Monitoring	Daily during discharge	Conductivity	ND	μS/cm		
Point 7	Daily during discharge	Oil and Grease	ND	mg/L		
	Daily during discharge	рН	ND	рН		
	Daily during discharge	Total Suspended Solids	ND	mg/L		

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Monthly	Conductivity	488	μS/cm	
Point 8		Monthly	Oil and Grease	0.2	mg/L	Monthly monitoring
		Monthly	pН	7.1	рН	undertaken
		Monthly	Total Suspended Solids	15	mg/L	26/06/20
		Monthly	Turbidity	2.3	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			May 2020			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Monthly	Conductivity	898	μS/cm	
Point 8		Monthly	Oil and Grease	<0.1	mg/L	
		Monthly	pH	8.1	pH	
		Monthly	Total Suspended Solids	37	mg/L	
		Monthly	Turbidity	85	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
1 01110 10		Daily during discharge	pH	ND ND	pH	
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	
		Daily during discharge	•	ND ND	NTU	
		Daily during discharge	April 2020	ND	NIO	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND ND	KL/day	
roint o		Daily during discharge	Oil and Grease	ND ND		
		Daily during discharge		ND ND	mg/L	
		Daily during discharge	pH		pH	
		· · · · · · · · · · · · · · · · · · ·	Total Suspended Solids	ND ND	mg/L	
Manitovina		Daily during discharge	Turbidity	ND ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring Point 8		Monthly	Conductivity	995	μS/cm	
		Monthly	Oil and Grease	<0.1	mg/L	
		Monthly	pH	8.0	pH	
		Monthly	Total Suspended Solids	22	mg/L	
		Monthly	Turbidity	24	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			March 2020			

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 7		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Monthly	Conductivity	974	μS/cm	
Point 8		Monthly	Oil and Grease	<0.1	mg/L	
		Monthly	pH	8.4	рН	
		Monthly	Total Suspended Solids	13	mg/L	
		Monthly	Turbidity	15	NTU	
Monitoring Point 10		Daily during discharge	Conductivity	ND	μS/cm	
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	

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

