

# **Environmental Monitoring Report**

# **Dunmore Quarry**

December 2023- January 2024

Date Published: February 2024



This monitoring report is to satisfy the requirements of Section 66 (6) of the Protection of the Environment and Operations Act 1997, to make available, within 14 days of request, any monitoring data that relates to pollution under an Environment Protection Licence.

The monitoring of pollutants provided in this report is undertaken as per the requirements of Environment Protection Licence 77 (EPL 77 – Boral Dunmore Quarry)

This report provides environmental monitoring data for Dunmore Quarry for the period January 2020 to January 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: December 2023 – January 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		
			January 2024		o /	
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	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	pH	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	рН	ND	рН	]
		Daily during discharge	Total Suspended Solids	ND	mg/L	]
		Daily during discharge	Turbidity	ND	NTU	
		T	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	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	05/02/24	Daily during discharge	Conductivity	412	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.2	mg/L	on 10/1/2024 in
		Daily during discharge	рН	7.8	рН	response to
		Daily during discharge	Total Suspended Solids	150	mg/L	uncontrolled
		Daily during discharge	Turbidity	98	NTU	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Conductivity	350	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	19	mg/L	table dewatering of
		Daily during discharge	Turbidity	5.8	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	]
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			/ Environmental Monit		1	
		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
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	05/02/24	Daily during discharge	Conductivity	370	μS/cm	Sampling undertaken
Point 7	03/02/24	Daily during discharge	Oil and Grease	0.2	mg/L	on 9/1/2024 in
7		Daily during discharge	pH	6.9	pH	response to
		Daily during discharge	Total Suspended Solids	151	mg/L	uncontrolled
		Daily during discharge	Turbidity	87	NTU	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Conductivity	368	μS/cm	higher than average
Point 9	03/02/24	Daily during discharge	Oil and Grease	0.2	mg/L	monthly rainfall and
Tomes		Daily during discharge	pH	6.9	pH	high groundwater
		Daily during discharge	Total Suspended Solids	19	mg/L	table dewatering of
		Daily during discharge	Turbidity	4.3	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 01116 10		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		Daily daring discharge	raibiaity	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	
		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	424	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.1	mg/L	on 8/1/2024 in
		Daily during discharge	рН	7.4	рН	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		Daily during discharge	Oil and Grease	0.2	mg/L	monthly rainfall and
		Daily during discharge	рН	6.9	рН	high groundwater
		Daily during discharge	Total Suspended Solids	19	mg/L	table dewatering of
		Daily during discharge	Turbidity	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	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		1	,		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	4
		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	371	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.1	mg/L	on 7/1/2024 in
		Daily during discharge	pH	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	149	mg/L	uncontrolled

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Monitoria	OE /02 /2 4	Daily during discharge	Turbidity	110 366	NTU us/sm	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Conductivity		μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	0.2	mg/L	monthly rainfall and high groundwater
		Daily during discharge	pH	6.8	pН	table dewatering of
		Daily during discharge	Total Suspended Solids	21	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	4.3	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	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 ND	μ3/cm KL/day	discharge initiated
Politi o		Daily during discharge				uischarge militateu
		Daily during discharge	Oil and Grease	ND	mg/L	<u> </u>
		Daily during discharge	pH	ND	pH	<u> </u>
		Daily during discharge	Total Suspended Solids	ND	mg/L	<u> </u>
	05/00/04	Daily during discharge	Turbidity	ND	NTU	0 11 1 1
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	pH	6.7	pН	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 monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	pH	6.5	pН	table dewatering of
		Daily during discharge	Total Suspended Solids	18	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	10	NTU	possible.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	розлые.
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	
		B 1 L 1 P L		ND	- C /	N
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	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	pН	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	pН	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	
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Monitoring	<u></u>	Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		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	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	*	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	*	mg/L	on 2/1/2024 in
		Daily during discharge	рН	*	рН	response to
		Daily during discharge	Total Suspended Solids	*	mg/L	uncontrolled
		Daily during discharge	Turbidity	*	NTU	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Conductivity	*	μS/cm	higher than average monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	*	mg/L	high groundwater
		Daily during discharge	рН	*	рН	table dewatering of
		Daily during discharge	Total Suspended Solids	*	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	*	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	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	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	рН	7.5	рН	response to
		Daily during discharge	Total Suspended Solids	147	mg/L	uncontrolled
		Daily during discharge	Turbidity	120	NTU	discharge. Due to higher than average
Monitoring	05/02/24	Daily during discharge	Conductivity	321	μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	0.4	mg/L	high groundwater
		Daily during discharge	рН	6.9	рН	table dewatering of
		Daily during discharge	Total Suspended Solids	22	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	3.2	NTU	possible.
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	
Location	Date	Manitoring Francisco	Dellutent	Measure	l lmin	Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	
			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	pH	ND	pH	_
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
NA ''	05 /02 /2 *	Daily during discharge	Turbidity	ND 202	NTU	Canada
Monitoring	05/02/24	Daily during discharge	Conductivity	263	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 31/12/2023 in
		Daily during discharge	pH Total Suspended Solids	7.2	pH mg/l	response to uncontrolled
		Daily during discharge	Total Suspended Solids	78 95	mg/L NTU	discharge. Due to
	05/02/24	Daily during discharge	Turbidity	1		higher than average
	05/02/24	Daily during discharge	Conductivity	296	μS/cm	

		Dunmore Quarry	Environmental Monit	oring Rep	ort	
Monitoring		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
Point 9		Daily during discharge	рН	6.9	рН	high groundwater
		Daily during discharge	Total Suspended Solids	25	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	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Manitarina		Daile demine disabance	Canadinatinity	ND		No soutrolled
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	-
	05/00/04	Daily during discharge	Turbidity	ND	NTU	6 11 1 1
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	pH	7.9	pH	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 high groundwater
		Daily during discharge	рН	6.7	pH	table dewatering of
		Daily during discharge	Total Suspended Solids	23	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	5.2	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 ND	κL/day	discharge initiated
Tomico		Daily during discharge	Oil and Grease	ND ND	mg/L	discharge initiated
		Daily during discharge		ND ND		-
		Daily during discharge	pH Total Suspended Solids		pH mg/l	-
		Daily during discharge		ND	mg/L	-
Manitariaa	05/02/24	· · · · · · · · · · · · · · · · · · ·	Turbidity	ND 272	NTU	Camandina unadantakan
Monitoring Point 7	05/02/24	Daily during discharge	Conductivity	372	μS/cm	Sampling undertaken
Point /		Daily during discharge	Oil and Grease	0.6	mg/L	on 29/12/2023 in
		Daily during discharge	pH	7.8	pH	response to uncontrolled
		Daily during discharge	Total Suspended Solids	144	mg/L	discharge. Due to
	05 /02 /2 4	Daily during discharge	Turbidity	23	NTU	higher than average
Monitoring	05/02/24	Daily during discharge	Conductivity	255	μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	0.2	mg/L	high groundwater
		Daily during discharge	pH	6.9	pH	table dewatering of
		Daily during discharge	Total Suspended Solids	25	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	10	NTU	possible.
Monitoring		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	
Monitorina		Daily during discharge	Conductivity	ND	115/000	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	рН	

Monitoring   Point 7			Dunmore Quarry	<u>Environmental Monit</u>	oring kept	אנ	
Monitoring   Point 7   Daily during discharge   Daily during discharg			Daily during discharge	Total Suspended Solids	ND	mg/L	
			Daily during discharge	Turbidity	ND	NTU	
Daily during discharge   Daily during discha	Monitoring	05/02/24	Daily during discharge	Conductivity	247	μS/cm	Sampling undertaken
Daily during discharge   Total Suspended Solids   43   mg/L	Point 7		Daily during discharge	Oil and Grease	1.4	mg/L	on 28/12/2023 in
Daily during discharge   Daily during disc			Daily during discharge	pН	7.9	рН	response to
Monitoring Point 9   Point 10   Point 9			Daily during discharge	Total Suspended Solids	43	mg/L	uncontrolled
Point 9    Daily during discharge   Daily duri			Daily during discharge	Turbidity	45	NTU	discharge. Due to
Point 9	Monitoring	05/02/24	Daily during discharge	Conductivity	231	μS/cm	higher than average
Daily during discharge   Daily during discharge   Daily during discharge   Total Suspended Solids   22 mg/L			Daily during discharge		<0.1		
Daily during discharge   Total Suspended Solids   22   mg/L				рH	6.9		
Daily during discharge   Turbidity   12   NTU   Daily during discharge   Daily during dischar							
Daily during discharge   Daily during disch				•	12	_	
Point 10    Daily during discharge   Total Suspended Solids   ND   mg/L	Monitoring			· · · · · · · · · · · · · · · · · · ·	ND	μS/cm	possible.
Daily during discharge   DH   ND   mg/L				·			
Daily during discharge   Total Suspended Solids   ND   mg/L							
Daily during discharge   Conductivity   ND   µS/cm   Daily during discharge   Flow   ND   ML/day   Daily during discharge   Daily during discharge   Ph   ND   Ph   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   MTU   NTU   Daily during discharge   Total Suspended Solids   ND   mg/L   Daily during discharge   Daily during d				· -		_	
Monitoring Point 6   Daily during discharge   Total Suspended Solids   ND mg/L				· · · · · · · · · · · · · · · · · · ·			
Point 6   Daily during discharge   Flow   ND   RL/day   Daily during discharge   Turbidity   ND   MTU   Daily during discharge   Daily during discharge   Turbidity   ND   NTU   Daily during discharge   Daily during discharge   Turbidity   ND   MTU   Daily during discharge   Daily during discharge   Turbidity   ND   MTU   Daily during discharge   Daily during dischar			Dany daning discharge	ransiancy	110	1110	
Point 6   Daily during discharge   Flow   ND   RL/day   Daily during discharge   Turbidity   ND   MTU   MD   MTU   MTU   MD   MTU   MTU   MTU   MT	Monitoring		Daily during discharge	Conductivity	ND	uS/cm	No controlled
Daily during discharge   Dil and Grease   ND   mg/L	_			·			
Daily during discharge   Daily during discharge   Total Suspended Solids   ND   mg/L	1 0					•	alsonarge initiated
Daily during discharge   Total Suspended Solids   ND   mg/L				<b>†</b>			
Monitoring Point 7   Daily during discharge   Conductivity   234   μS/cm   Daily during discharge   Daily during discharge   Dil and Grease   0.3   mg/L   Daily during discharge   Daily during discharge   Daily during discharge   Daily during discharge   Turbidity   29   mg/L   Daily during discharge   Daily during discharge   Turbidity   29   mg/L   Daily during discharge   Daily during discharge   Conductivity   114   μS/cm   Daily during discharge   Turbidity   Daily during discharge   Turbidity   ND   MTU   Daily during discharge   Daily during discharge   Turbidity   ND   NTU   Daily during discharge   Dai				<b>'</b>			
Monitoring Point 7   Point 9   Poi				•			
Point 7 Point 9 Point 10 Point 9 Point	Monitoring	05/02/24		· · · · · · · · · · · · · · · · · · ·			Sampling undertaken
Daily during discharge   DH   T.1   pH   mg/L   Daily during discharge   Total Suspended Solids   29   mg/L   Daily during discharge   Turbidity   29   MTU   Monitoring   Daily during discharge   Total Suspended Solids   28   mg/L   Daily during discharge   Total Suspended Solids   28   Mmg/L   Daily during discharge   Total Suspended Solids   28   Mmg/L   Daily during discharge   Total Suspended Solids   ND   mg/L   Daily during discharge   Total Suspended Solids   ND   MTU   Monitoring   Daily during discharge   Daily during discharge   Turbidity   ND   NTU   Monitoring   Daily during discharge   Total Suspended Solids   ND   mg/L   Daily during discharge   Daily during discharge   Turbidity   ND   MTU   Monitoring   Daily during discharge   Turbidity   ND   MTU   Monitoring   Daily during discharge   Turbidity   ND   NTU   Monitoring   Daily during discharge   Total Suspended Solids   ND   mg/L   Daily during discharge   Turbidity   ND   NTU   Monitoring   Daily during discharge   Turbidity   ND   NTU   Monitoring   Daily during discharge   Turbidity   ND   NTU   Monitoring   Daily during discharge   Total Suspended Solids   ND   Mg/L   Daily during discharge   Turbidity   ND   NTU   Monitoring   Daily during discharge   Turbidity   Total Suspended Solids   NTU   Mg/L   M	_	03/02/24		·			
Monitoring Point 10  Monitoring Point 9  Monitoring Point 10  Monitoring Point 10  Monitoring Point 10  Monitoring Point 10  Monitoring Point 6  Monitoring Point 7  Monitoring Point 9  M	FOIL 7						
Daily during discharge   Turbidity   29   NTU   Daily during discharge   Daily during dischar				· -			-
Monitoring Point 9   Daily during discharge   Total Suspended Solids   28 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 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   Turbidity   ND   NTU   Daily during discharge   Dail				·			
Point 9   Daily during discharge   Turbidity   Daily during discharge   Daily during discharge   Turbidity   Daily during discharge   Turbidity   ND   MTU   MD   MTU	Manitarina	05/02/24		· · · · · · · · · · · · · · · · · · ·			_
Daily during discharge   Daily during discharge   Daily during discharge   Daily during discharge   Turbidity   Daily during discharge   Turbidity   ND   NTU      Monitoring Point 6   Daily during discharge   Daily during discharge   Turbidity   ND   NTU      Monitoring Point 6   Daily during discharge   Total Suspended Solids   ND   mg/L     Daily during discharge   Total Suspended Solids   ND   mg/L     Daily during discharge   Turbidity   ND   NTU      Monitoring Point 7   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   Total Suspended Solids   ND   mg/L     Daily during discharge   Total Suspended Solids   ND   Turbidity   Tresponse to     Daily during discharge   Turbidity   Daily during discharge   Turbidity   Daily during discharge   Daily during discharge   Turbidity   Daily		05/02/24		•			_
Daily during discharge   Total Suspended Solids   28 mg/L   Lower Dam is not possible.	Politi 9						
Daily during discharge   Turbidity   Daily during discharge   Turbidity   ND   NTU      Monitoring Point 6   Daily during discharge   Daily duri				<u> </u>		_	
Monitoring Point 10   Daily during discharge   Total Suspended Solids   ND   mg/L							_
Daily during discharge   Total Suspended Solids   ND   mg/L	NA - with win -			·			possible.
Daily during discharge   Daily during discharge   Total Suspended Solids   ND   mg/L							·
Daily during discharge   Total Suspended Solids   ND   mg/L	Point 10					_	
Daily during discharge   Turbidity   ND   NTU				•			
Monitoring Point 6         Daily during discharge Daily during discharge Flow         ND KL/day Daily during discharge Flow         ND MD KL/day Daily during discharge Initiated         ND Mg/L Daily during Ini				·			
Point 6  Daily during discharge Daily during			Daily during discharge	Turbiaity	ND	NIU	
Point 6  Daily during discharge Daily during	Manitorina		Daily dyning diaghans	Complicationity	ND		No controlled
Daily during discharge pH ND pH 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 Dil and Grease O.1 mg/L Daily during discharge pH 7.7 pH Daily during discharge Total Suspended Solids 30 mg/L Daily during discharge Conductivity 25 NTU discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not	_			†			
Daily during discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Turbidity ND NTU  Monitoring Point 7  Monitoring Daily during discharge Doil and Grease Oally during discharge Daily during discharge Turbidity Total Suspended Solids Turbidity Daily during discharge Total Suspended Solids Turbidity Daily during discharge Doil and Grease O5/02/24  Monitoring Point 9  Monitoring Dos/02/24  Daily during discharge Turbidity Daily during discharge Conductivity Daily during discharge Oil and Grease Onland Grease Oslids Turbidity Daily during discharge Conductivity Daily during discharge Oil and Grease Oslids Total Suspended Solids	Point 6					_	discharge initiated
Daily during discharge Turbidity ND NTU  Monitoring Point 7  Daily during discharge Daily during discharge Conductivity 176 µS/cm Daily during discharge Dialy during discharge Daily during discharge Daily during discharge Turbidity 25 NTU discharge. Daily during discharge Daily during discharge Daily during discharge Turbidity 25 NTU discharge. Due to Daily during discharge Daily during discharge Conductivity 215 µS/cm higher than average monthly rainfall and high groundwater Daily during discharge Total Suspended Solids 18 mg/L Daily during discharge Turbidity 13 NTU Lower Dam is not							
Daily during discharge   Turbidity   ND   NTU				· -			
Monitoring Point 7Daily during discharge Daily during dischargeConductivity Oil and Grease176 (Oil and Grease)μS/cm (Oil and Grease)Sampling undertaken on 26/12/2023 in response to uncontrolled discharge. Due toMonitoring Point 905/02/24Daily during discharge Daily during dischargeTurbidity Oil and Grease25 (Oil and Grease)NTUhigher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not				•		_	
Point 7Daily during discharge Daily during dischargeOil and Grease<0.1mg/L 7.7on 26/12/2023 in response to uncontrolled discharge. Due toMonitoring Point 905/02/24Daily during discharge Daily during dischargeTurbidity Conductivity25NTUhigher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not		/ /		, , , , , , , , , , , , , , , , , , ,			
Daily during discharge pH 7.7 pH response to uncontrolled discharge. Daily during discharge Turbidity 25 NTU discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Daily during discharge Turbidity 13 NTU Turbidity 13 NTU	_	05/02/24		· ·			_
Daily during discharge Total Suspended Solids 30 mg/L Daily during discharge Turbidity 25 NTU discharge. Due to  Monitoring Point 9 Daily during discharge Conductivity 215 µS/cm Daily during discharge Oil and Grease <0.1 mg/L Daily during discharge PH 7.2 pH high groundwater table dewatering of Lower Dam is not	Point /			<b>†</b>			
Daily during discharge Turbidity 25 NTU discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Daily during discharge Turbidity 13 NTU discharge Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not				<u> </u>		•	•
Monitoring Point 9Daily during dischargeConductivity215μS/cmhigher than average monthly rainfall and high groundwaterDaily during dischargeDaily during dischargeDaily during dischargeDaily during dischargeDaily during dischargeDaily during dischargeDaily during dischargeTotal Suspended Solids18mg/LDaily during dischargeDaily during dischargeTurbidity13NTU							
Point 9  Daily during discharge Total Suspended Solids Total Suspend				-			_
Daily during discharge pH 7.2 pH high groundwater  Daily during discharge Total Suspended Solids 18 mg/L  Daily during discharge Turbidity 13 NTU  Daily during discharge Turbidity 13 NTU	_	05/02/24					_
Daily during discharge Total Suspended Solids 18 mg/L  Daily during discharge Turbidity 13 NTU  Table dewatering of Lower Dam is not	Point 9						3
Daily during discharge Turbidity 13 NTU Lower Dam is not				<u> </u>		_	
I Dally duffing discharge   Turbidity   15   NTO							_
					13		possible.
Monitoring Daily during discharge Conductivity ND µ5/Cill	_			·	ND	μS/cm	possible.
	Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
Point 10   Doily during discharge   Oil and Creece   ND  /1	LOUIL TO		Daily during discharge	Oil and Grease	ן אט	rng/L	

		Dunmore Quarry	<u>Environmental Monit</u>	oring Rep	ort	
		Daily during discharge	pH	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		T	1 _ ,	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	pH	ND	pH "	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
NA - with a wive -	05/02/24	Daily during discharge	Turbidity	ND	NTU	Carantina condentation
Monitoring Point 7	05/02/24	Daily during discharge	Conductivity	258	μS/cm	Sampling undertaken on 25/12/2023 in
Politi /		Daily during discharge	Oil and Grease pH	<0.1 7.7	mg/L	response to
		Daily during discharge  Daily during discharge	Total Suspended Solids	22	pH	uncontrolled
		Daily during discharge	•	8.8	mg/L NTU	discharge. Due to
Monitoring	05/02/24	Daily during discharge	Turbidity Conductivity	326	μS/cm	higher than average
Point 9	03/02/24	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
Follit 9		Daily during discharge	pH	6.8	pH	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	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	_
		1 8 8	1		1110	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	05/02/24	Daily during discharge	Conductivity	390	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/12/2023 in
		Daily during discharge	рH	7.7	рН	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		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and 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
N.4 i+ i		Daily during discharge	Turbidity	30	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  Daily during discharge	Total Suspended Solids	ND ND	mg/L NTU	
		Daily during discharge	Turbidity	ND	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
		2 411 / 4141111 / 41551141 / 4		1		<b>⊣</b>
		Daily during discharge	рН	ND	рН	
			pH Total Suspended Solids	ND ND	pH mg/L	_
		Daily during discharge	<u> </u>			
Monitoring		Daily during discharge Daily during discharge	Total Suspended Solids	ND	mg/L	Monthly monitoring
Monitoring Point 8		Daily during discharge Daily during discharge Daily during discharge	Total Suspended Solids Turbidity	ND ND	mg/L NTU	Monthly monitoring 14/12/23

	Daily during discharge	Total Suspended Solids	*	mg/L
	Daily during discharge	Turbidity	*	NTU
Monitoring	Daily during discharge	Conductivity	*	μS/cm
Point 9	Daily during discharge	Oil and Grease	*	mg/L
	Daily during discharge	рН	*	рН
	Daily during discharge	Total Suspended Solids	*	mg/L
	Daily during discharge	Turbidity	*	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
*Awaiting lab results				

### **Historical Results**

Location	Date Received	Monitoring Frequency	Pollutant	Measure 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	pH	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	рH	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 Lower Dam is not
		Daily during discharge	Turbidity	9.0	NTU	possible.
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	
		1	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	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	pН	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	pН	7.4	рН	high groundwater table dewatering of
		Daily during discharge	Total Suspended Solids	10	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	5.6	NTU	possible.
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	1
		Daily during discharge	Turbidity	ND	NTU	1
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	рН	8.2	рН	response to

		Dunmore Quarry	Environmental Monit		ort	
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled
		Daily during discharge	Turbidity	5.4	NTU	discharge. Due to
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	pH	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	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	a.5611a1.86 1111a166
		Daily during discharge	рН	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND 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
1 Offic 7		Daily during discharge	pH	8.1	pH	response to
		Daily during discharge	Total Suspended Solids	17		uncontrolled
			Turbidity	32	mg/L NTU	discharge. Due to
Manitaring	00/01/24	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
	00/04/24	Daily during discharge	Turbidity	7.7	NTU	possible.
Monitoring	08/01/24	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	discriating initiated
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND ND	NTU	
Monitoring	08/01/24	Daily during discharge	Conductivity	348	μS/cm	Sampling undertaken
Point 7	08/01/24	Daily during discharge	Oil and Grease	1.6	mg/L	on 2/12/2023 in
FOIL 7		Daily during discharge	pH	7.5	pH	response to
		Daily during discharge	· ·	2.0		uncontrolled
		Daily during discharge	Total Suspended Solids Turbidity	4.9	mg/L NTU	discharge. Due to
Monitoring	08/01/24		·			higher than average
Monitoring Point 9	00/01/24	Daily during discharge	Conductivity	308	μS/cm	monthly rainfall and
רטווונ א		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	pH	7.9	pH ma/l	table dewatering of
		Daily during discharge	Total Suspended Solids	12	mg/L	Lower Dam is not
NA==:	00/04/24	Daily during discharge	Turbidity	11 ND	NTU	possible.
Monitoring	08/01/24	Daily during discharge	Conductivity	ND	μS/cm	l. 222.2.2.
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	

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		T	Ι .	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		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	pH	7.0	pН	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	pH	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	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	
l		Daily during discharge	Tarbiatey	110	1110	
N 4 = it =i =		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Monitoring			·	ND	KL/day	discharge initiated
Monitoring Point 6		Daily during discharge	I FIOW			
Point 6		Daily during discharge	Flow Oil and Grease			
_		Daily during discharge	Oil and Grease	ND	mg/L	-
_		Daily during discharge  Daily during discharge	Oil and Grease pH	ND ND	mg/L pH	
_		Daily during discharge Daily during discharge Daily during discharge	Oil and Grease pH Total Suspended Solids	ND ND ND	mg/L pH mg/L	
Point 6		Daily during discharge Daily during discharge Daily during discharge Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity	ND ND ND ND	mg/L pH mg/L NTU	
Point 6  Monitoring		Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity Conductivity	ND ND ND ND 338	mg/L pH mg/L NTU μS/cm	Sampling undertaken
Point 6		Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND ND ND ND 338 0.1	mg/L pH mg/L NTU μS/cm mg/L	Sampling undertaken on 29/11/2023 in
Point 6  Monitoring		Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity Conductivity	ND ND ND ND 338	mg/L pH mg/L NTU μS/cm	Sampling undertaken

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Conductivity	269	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	0.2	mg/L	monthly rainfall and
		Daily during discharge	рН	6.5	рН	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	
		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	and on an accurate a
		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	443	μS/cm	Monthly monitoring
Point 8		Daily during discharge	Oil and Grease	<0.1	mg/L	16/11/23
1 on to		Daily during discharge	pH	8.1	pH	10/11/25
		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	
		Daily during discharge	Total Suspended Solids	22	mg/L	
		Daily during discharge	Turbidity	9.4	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
1011112		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		Daily during disentinge	October 2023	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	
		Daily during discharge	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	6/12/23	Daily during discharge	Conductivity	447	μS/cm	Monthly monitoring
Point 8		Daily during discharge	Oil and Grease	0.5	mg/L	26/10/23
		Daily during discharge	рН	8.1	рН	
		Daily during discharge	Total Suspended Solids	213	mg/L	
		Daily during discharge	Turbidity	240	NTU	
Monitoring	6/12/23	Daily during discharge	Conductivity	849	μS/cm	
Point 9		Daily during discharge	Oil and Grease	0.7	mg/L	
		Daily during discharge	рН	7.0	рН	
		Daily during discharge	Total Suspended Solids	163	mg/L	
		Daily during discharge	Turbidity	65	NTU	
Monitoring	6/12/23	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 2023			
		Daily during discharge	Conductivity	ND	μS/cm	

			Dummore Quarry	Environmental Monit		71.0	· ·
Point 6   Daily during discharge   Daily dur	Location		Monitoring Frequency	Pollutant		Unit	Comment
Monitoring   Daily during discharge   Daily	Monitoring		Daily during discharge	Flow	ND	KL/day	No controlled
Daily during discharge   Daily during disc	Point 6		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
Daily during discharge   Daily during disch			Daily during discharge		ND	рН	
Monitoring Point 8   10/11/23   Daily during discharge   Daily durin			Daily during discharge	Total Suspended Solids	ND	mg/L	
Point 8   Point 9   Poi			Daily during discharge	Turbidity	ND	NTU	
Daily during discharge   Daily during discharge   Total Suspended Solids   1777 mg/L	Monitoring	10/11/23	Daily during discharge	Conductivity	484	μS/cm	
Pairy during discharge   Total Suspended Solids	Point 8		Daily during discharge	Oil and Grease	0.8	mg/L	21/09/23
Monitoring   10/11/23   Daily during discharge   Conductivity   270   NTU   Daily during discharge   Daily during disch			Daily during discharge	pH	7.9	рН	
Monitoring   Point 9   Point 10   Point 9   Point 9   Point 10   Point 9   Point 9			Daily during discharge	Total Suspended Solids	177	mg/L	
Point 9			Daily during discharge	Turbidity	270	NTU	
Daily during discharge   Total Suspended Solids   36   mg/L	Monitoring	10/11/23	Daily during discharge	-	852	μS/cm	
Monitoring   Formation   Daily during discharge   Total Suspended Solids   36   mg/L	Point 9		Daily during discharge	Oil and Grease	0.8	mg/L	
Monitoring   Point 10   Daily during discharge   Daily during dischar			Daily during discharge	pH	6.8	рН	
Monitoring Point 10   Monitoring Point 10			Daily during discharge	Total Suspended Solids	36	mg/L	
Point 10         Daily during discharge Daily during discharge pH ND pH ND pH Daily during discharge Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Turbidity ND ND NTU         ND mg/L ND ND NTU           Monitoring Point 6 Point			Daily during discharge	Turbidity	509	NTU	
Daily during discharge   PH   ND   PH   ND   MR/L	Monitoring	10/11/23	Daily during discharge	Conductivity	ND	μS/cm	
Daily during discharge   Total Suspended Solids   ND   mg/L	Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
Monitoring Point 8   Palicy during discharge   Turbidity   ND   NTU   ND			Daily during discharge	рН	ND	рН	
Monitoring Point 6   Daily during discharge   Daily during discharge			Daily during discharge	Total Suspended Solids	ND	mg/L	
Monitoring Point 6   Point 6   Daily during discharge   Plow   ND   KI/day   ND   MI/day   MI/d			Daily during discharge	Turbidity	ND	NTU	
Point 6 Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Total Suspended Solids ND mg/L Daily during discharge Daily during dischar				August 2023			
Daily during discharge   Turbidity   ND   NTU	Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Daily during discharge   Turbidity   ND   NTU	Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
Monitoring   29/09/23   Daily during discharge   Total Suspended Solids   ND   NTU   NTU   ND   ND   ND   ND   ND   ND   ND   N			Daily during discharge	Oil and Grease	ND	mg/L	
Monitoring Point 8   29/09/23   Daily during discharge   Daily durin			Daily during discharge	рН	ND	рН	
Monitoring Point 8   Point 9   Po			Daily during discharge	Total Suspended Solids	ND	mg/L	
Point 8         Daily during discharge Daily during discha			Daily during discharge	Turbidity	ND	NTU	
Daily during discharge   pH   8.0   pH   Daily during discharge   Total Suspended Solids   189   mg/L   Daily during discharge   Turbidity   230   NTU   Monitoring   29/09/23   Daily during discharge   Turbidity   50   NTU   mg/L   Daily during discharge   Turbidity   ND   mg/L   Daily during discharge   Daily during discharge   Daily during discharge   Daily during discharge   Turbidity   ND   NTU   MD   MS/Cm   Daily during discharge   Turbidity   ND   MS/Cm   MS/L   MS/Cm   Daily during discharge   Daily durin	Monitoring	29/09/23	Daily during discharge	Conductivity	509	μS/cm	Monthly monitoring
Daily during discharge   Total Suspended Solids   189   mg/L	Point 8		Daily during discharge	Oil and Grease	0.3	mg/L	23/08/23
Daily during discharge   Turbidity   230   NTU			Daily during discharge	рН	8.0	рН	
Monitoring Point 9   Point 9   Point 9   Point 9   Point 9   Daily during discharge   Total Suspended Solids   72 mg/L   Daily during discharge   Total Suspended Solids   72 mg/L   Daily during discharge   Total Suspended Solids   72 mg/L   Daily during discharge   Total Suspended Solids   ND mg/L   Daily during discharge   Turbidity   ND   NTU			Daily during discharge	Total Suspended Solids	189	mg/L	
Point 9       Daily during discharge Turbidity Daily during discharge Turbidity SO NTU Daily during discharge Conductivity ND MS/cm Daily during discharge Dialy during discharge Daily during during Daily during discharge Daily during discharge Daily during			Daily during discharge	Turbidity	230	NTU	
Point 9       Daily during discharge Turbidity Daily during discharge Turbidity SO NTU Daily during discharge Conductivity ND MS/cm Daily during discharge Dialy during discharge Daily during during Daily during discharge Daily during discharge Daily during	Monitoring	29/09/23	Daily during discharge	Conductivity	562	μS/cm	
Daily during discharge   Total Suspended Solids   72 mg/L	Point 9		Daily during discharge	Oil and Grease	0.2	mg/L	
Daily during discharge   Turbidity   SO   NTU   µS/cm   Daily during discharge   Conductivity   ND   µS/cm   Daily during discharge   Total Suspended Solids   ND   mg/L   Daily during discharge   Turbidity   ND   NTU      Monitoring Point 6   Point 6   Daily during discharge   Daily during discharge   Daily during discharge   Plow   ND   MS/cm   Daily during discharge   Plow   ND   MS/cm   Daily during discharge   Total Suspended Solids   ND   mg/L   Daily during discharge   Total Suspended Solids   ND   MTU      Monitoring Point 8   Monitoring   Monitoring   Daily during discharge   Turbidity   Daily during discharge   Turbidity   Daily during discharge   Daily during discharge   Turbidity   Daily during discharge			Daily during discharge	pH	7.0	рН	
Monitoring Point 10       29/09/23 Point 10       Daily during discharge Daily during d			Daily during discharge	Total Suspended Solids	72	mg/L	
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 Point 6       Daily during discharge       Conductivity       ND       μS/cm       No controlled discharge initiated         Daily during discharge       Flow       ND       mg/L       No controlled discharge initiated         Daily during discharge       pH       ND       pH       ND       pH         Daily during discharge       Total Suspended Solids       ND       mg/L       Monthly monitoring         Point 8       Daily during discharge       Conductivity       563       μS/cm       Monthly monitoring         Point 8       Daily during discharge       Oil and Grease       <0.1			Daily during discharge	Turbidity	50	NTU	
Daily during discharge   pH   ND   pH   ND   mg/L	Monitoring	29/09/23	Daily during discharge	Conductivity	ND	μS/cm	
Daily during discharge   Total Suspended Solids   ND   mg/L	Point 10		Daily during discharge	Oil and Grease	ND	mg/L	
Daily during discharge   Turbidity   ND   NTU			Daily during discharge	рН	ND	рН	
July 2023Monitoring Point 6Daily during discharge Daily during discharge Point 6Conductivity Point Gold of Daily during discharge Point September Point Septem			Daily during discharge	Total Suspended Solids	ND	mg/L	
Monitoring Point 6Daily during discharge Daily during dischargeFlow FlowND ND ND ND ND ND MO MD MD MO <b< td=""><td></td><td></td><td>Daily during discharge</td><td>Turbidity</td><td>ND</td><td>NTU</td><td></td></b<>			Daily during discharge	Turbidity	ND	NTU	
Point 6  Point 6  Daily during discharge				July 2023			
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 Point 8 Daily during discharge Oil and Grease <0.1 mg/L Daily during discharge PH 8.1 pH Daily during discharge Total Suspended Solids 81 mg/L 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	Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Daily during dischargepHNDpHDaily during dischargeTotal Suspended SolidsNDmg/LDaily during dischargeTurbidityNDNTUMonitoring Point 8Daily during dischargeConductivity563μS/cmDaily during dischargeOil and Grease<0.1	Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
Daily during dischargeTotal Suspended SolidsNDmg/LDaily during dischargeTurbidityNDNTUMonitoring Point 8Daily during dischargeConductivity563μS/cmDaily during dischargeOil and Grease<0.1			Daily during discharge	Oil and Grease	ND	mg/L	
Daily during dischargeTotal Suspended SolidsNDmg/LDaily during dischargeTurbidityNDNTUMonitoring Point 8Daily during dischargeConductivity563μS/cmDaily during dischargeOil and Grease<0.1			Daily during discharge	рН	ND	рН	
Daily during dischargeTurbidityNDNTUMonitoring Point 81/08/23Daily during dischargeConductivity563μS/cmMonthly monitoringDaily during dischargeOil and Grease<0.1				Total Suspended Solids	ND	mg/L	
Monitoring Point 81/08/23Daily during discharge Daily during dischargeConductivity563μS/cmMonthly monitoringPoint 8Daily during discharge Daily during dischargeOil and Grease<0.1			Daily during discharge	Turbidity	ND		
Point 8  Daily during discharge Total Suspended Solids B1 mg/L Daily during discharge Turbidity Daily during discharge Turbidity Daily during discharge Conductivity Daily during discharge	Monitoring	1/08/23	Daily during discharge	Conductivity	563	μS/cm	Monthly monitoring
Daily during discharge pH 8.1 pH 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	_			·	<0.1		-
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							
Daily during dischargeTurbidity120NTUMonitoring1/08/23Daily during dischargeConductivity534μS/cm				•		•	
Monitoring   1/08/23   Daily during discharge   Conductivity   534   μS/cm				•			
	Monitoring	1/08/23		•			
	_		Daily during discharge	·		mg/L	

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	рH	6.6	рН	
		Daily during discharge	Total Suspended Solids	45	mg/L	
		Daily during discharge	Turbidity	55	NTU	
Monitoring	1/08/23	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	
			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	рН	ND	pН	
		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	рН	8.2	pН	
		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	3, 3., 23	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	3/07/23	Daily during discharge	Oil and Grease	ND	mg/L	
. 0 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	May 2023	ND	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	aloonal go illitated
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	5/06/23	Daily during discharge	Conductivity	493	μS/cm	Monthly monitoring
Point 8	3,00,23	Daily during discharge	Oil and Grease	<0.1	mg/L	23/05/23
· onic o		Daily during discharge	pH	8.1	pH	23/03/23
		Daily during discharge	Total Suspended Solids	125	mg/L	
		Daily during discharge	Turbidity	160	NTU	
Monitoring	5/06/23	Daily during discharge	Conductivity	467	μS/cm	
Point 9	3/00/23	Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	pH	6.7	pH	
		Daily during discharge	Total Suspended Solids	72	mg/L	
		Daily during discharge	Turbidity	45	NTU	1
Monitoring	5/06/23	Daily during discharge	Conductivity	ND	μS/cm	1
Point 10	3,00,23	Daily during discharge	Oil and Grease	ND ND	mg/L	1
I OIIIL IO		Daily during discharge	pH	ND ND	pH	-
		Daily during discharge	Total Suspended Solids	ND ND		-
					mg/L	1
		Daily during discharge	Turbidity	ND	NTU	
Monitorina		Daily during discharge	April 2023	NID	115/000	No controlled
Monitoring Point 6		Daily during discharge	Conductivity	ND	μS/cm	No controlled
		Daily during discharge	Flow	ND	KL/day	discharge initiated
Polit 6		Daily during discharge	Oil and Grease	ND	mg/L	1

	Date		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	
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	рН	
		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	рН	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	pH	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	pH	-
		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	3,03,23	Daily during discharge	Oil and Grease	0.6	mg/L	on 27/03/2023 in
7		Daily during discharge	pH	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	3/03/23	Daily during discharge	Oil and Grease	0.6	mg/L	monthly rainfall and
1 onic 3		Daily during discharge	pH	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	3/03/23	Daily during discharge	Oil and Grease	0.7	mg/L	-
101110 10		Daily during discharge	pH	8.2	pH	-
		Daily during discharge	Total Suspended Solids	263	mg/L	-
		Daily during discharge	Turbidity	280	NTU	-
		Daily during discharge	Turbialty	200	INTO	
Monitoring		Daily during discharge	Conductivity	ND	us/cm	No controlled
Monitoring Point 6			Flow	ND ND	μS/cm	discharge initiated
Politi 0		Daily during discharge			KL/day	uischarge militateu
		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 422	NTU	Camadiaaaaalaatalaa
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	pH	8.3	pН	response to
		Daily during discharge	Total Suspended Solids	113	mg/L	uncontrolled
	- 1 .	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	рН	7.2	pН	high groundwater table dewatering of
		Daily during discharge	Total Suspended Solids	8	mg/L	table dewatering of

	Data	Duffinore Quarry	' Environmental Monit		)	Commont
Location	Date Received	<b>Monitoring Frequency</b>	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Turbidity	6.7	NTU	Lower Dam is not
Monitoring	3/05/23	Daily during discharge	Conductivity	381	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	0.6	mg/L	
		Daily during discharge	рН	8.3	рН	
		Daily during discharge	Total Suspended Solids	10	mg/L	
		Daily during discharge	Turbidity	80	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
Pollit 6		Daily during discharge	Oil and Grease	ND ND	mg/L	uischarge initiateu
		Daily during discharge		ND ND	pH	+
		Daily during discharge	pH Total Suspended Solids	ND ND	mg/L	-
		Daily during discharge	•	ND ND	NTU	-
Monitoring	3/04/23	Daily during discharge	Turbidity Conductivity	408	μS/cm	Sampling undertaken
Point 7	3/04/23	Daily during discharge	Oil and Grease	<0.1		on 23/03/2023 in
TOILL 7		Daily during discharge	pH	7.7	mg/L 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	3/04/23	Daily during discharge	Oil and Grease	0.6	mg/L	monthly rainfall and
Tomes		Daily during discharge	pH	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	-
. 0 10		Daily during discharge	pH	7.0	pH	1
		Daily during discharge	Total Suspended Solids	18	mg/L	1
		Daily during discharge	Turbidity	8.1	NTU	1
		Tany aaming allochange	1 3. 3. 3. 3. 4	0.2		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	рH	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	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	pH	7.8	рН	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		Daily during discharge	Oil and Grease	0.6	mg/L	monthly rainfall and
		Daily during discharge	pH	7.0	pН	high groundwater table dewatering of
		Daily during discharge	Total Suspended Solids	6	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	20	NTU	possible.
Monitoring	3/04/23	Daily during discharge	Conductivity	386	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	0.5	mg/L	4
		Daily during discharge	pH	8.6	pН	4
		Daily during discharge  Daily during discharge	Total Suspended Solids Turbidity	14 75	mg/L NTU	_
		Loany during discharge	Turbiuity	/3	INTO	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	

	Data	Dufffiore Quarry	Environmental Monit	· · ·	71 (	Comment
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	3/04/23	Daily during discharge	Conductivity	403	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.6	mg/L	on 21/03/2023 in
		Daily during discharge	рН	8.0	pН	response to
		Daily during discharge	Total Suspended Solids	136	mg/L	uncontrolled
		Daily during discharge	Turbidity	180	NTU	discharge. Due to
Monitoring	3/04/23	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	рН	7.0	pН	high groundwater
		Daily during discharge	Total Suspended Solids	9	mg/L	table dewatering of
		Daily during discharge	Turbidity	8.3	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	0.5	mg/L	
		Daily during discharge	рН	9.1	pН	
		Daily during discharge	Total Suspended Solids	13	mg/L	
		Daily during discharge	Turbidity	60	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	pН	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	рН	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	рН	
		Daily during discharge	Total Suspended Solids	14	mg/L	
		Daily during discharge	Turbidity	75	NTU	
		T			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	
	2/2/22	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	pH	8.1	pH	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 high groundwater
		Daily during discharge	рН	6.9	pН	table dewatering of
		Daily during discharge	Total Suspended Solids	39	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	19	NTU	possible.
	3/04/23	Daily during discharge	Conductivity	384	μS/cm	ροσσιοίε.

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	0.5	mg/L	
Point 10		Daily during discharge	рН	9.5	рН	
		Daily during discharge	Total Suspended Solids	30	mg/L	
		Daily during discharge	Turbidity	85	NTU	
N.A itai		Della dania a diada ana	Constructivity.	ND		No seed all al
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	-
	2/04/22	Daily during discharge	Turbidity	ND 256	NTU	6 1: 1 1
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	pH	7.9	pH "	response to uncontrolled
		Daily during discharge	Total Suspended Solids	140	mg/L	discharge. Due to
	2/24/22	Daily during discharge	Turbidity	220	NTU	higher than average
Monitoring	3/04/23	Daily during discharge	Conductivity	276	μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	0.3	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
		Daily during discharge	Turbidity	12	NTU	possible.
Monitoring	3/04/23	Daily during discharge	Conductivity	379	μS/cm	
Point 10		Daily during discharge	Oil and Grease	0.5	mg/L	
		Daily during discharge	pH	9.5	pН	
		Daily during discharge	Total Suspended Solids	36	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	рH	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	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	рH	8.0	pН	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	рH	7.2	pН	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	pН	
		Daily during discharge	Total Suspended Solids	31	mg/L	
		Daily during discharge	Turbidity	85	NTU	
I		15.1.1.1.1.1	To 1 11 11	1	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	pН	_
		Daily during discharge	Total Suspended Solids	ND	mg/L	_
	- 1 .	Daily during discharge	Turbidity	ND	NTU	
	3/04/23	Daily during discharge	Conductivity	249	μS/cm	

T		Dunmore Quarry	Environmental Monit	oring kept	ונ	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	6.9	рН	on 16/03/2023 in
		Daily during discharge	Total Suspended Solids	190	mg/L	response to
		Daily during discharge	Turbidity	130	NTU	uncontrolled
Monitoring	3/04/23	Daily during discharge	Conductivity	223	μS/cm	discharge. Due to
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	higher than average
		Daily during discharge	рН	6.7	pН	monthly rainfall and
		Daily during discharge	Total Suspended Solids	28	mg/L	high groundwater
		Daily during discharge	Turbidity	22	NTU	table dewatering of
Monitoring	3/04/23	Daily during discharge	Conductivity	364	μS/cm	Lower Dam is not
Point 10	-, - ,	Daily during discharge	Oil and Grease	<0.1	mg/L	possible.
		Daily during discharge	рН	9.3	pH	-
		Daily during discharge	Total Suspended Solids	49	mg/L	-
		Daily during discharge	Turbidity	90	NTU	-
		Daily during discharge	rarbiaity		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	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	рН	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	рН	6.7	pН	high groundwater
		Daily during discharge	Total Suspended Solids	41	mg/L	table dewatering of
		Daily during discharge	Turbidity	39	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	274	μS/cm	possible.
Point 10	0,0.,=0	Daily during discharge	Oil and Grease	<0.1	mg/L	-
		Daily during discharge	pH	8.7	pH	-
		Daily during discharge	Total Suspended Solids	9	mg/L	-
		Daily during discharge	Turbidity	26	NTU	-
		Dany daring disentinge	Tallolatey		11.0	
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	3/04/23	Daily during discharge	Conductivity	457	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 03/03/2023 in
		Daily during discharge	рН	7.6	рН	response to
		Daily during discharge	Total Suspended Solids	99	mg/L	uncontrolled
		Daily during discharge	Turbidity	120	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	рН	7.0	pН	high groundwater
		Daily during discharge	Total Suspended Solids	9	mg/L	table dewatering of
		Daily during discharge	Turbidity	4.6	NTU	Lower Dam is not
Monitoring	3/04/23	Daily during discharge	Conductivity	391	μS/cm	possible.
Point 10	=, = :, <del>= 0</del>	Daily during discharge	Oil and Grease	<0.1	mg/L	1
		Daily during discharge	рН	7.7	pH	1
			press.	<u> </u>	۲	1

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Total Suspended Solids	25	mg/L	
		Daily during discharge	Turbidity	100	NTU	
			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	pН	<u> </u> <del> </del>
		Daily during discharge	Total Suspended Solids	ND	mg/L	  -
	2 /2 - /2 -	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	pH	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 monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	high groundwater
		Daily during discharge	рН	7.0	pН	table dewatering of
		Daily during discharge	Total Suspended Solids	8	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	3.7	NTU	possible.
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	pH	7.5	рН	
		Daily during discharge	Total Suspended Solids	36	mg/L	
		Daily during discharge	Turbidity	100	NTU	
D.4 it i		Daile desire discharge	Canadanathitan	ND		Nia aantooliad
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	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	-
N.A. se ita si sa a	3/04/23	Daily during discharge	Turbidity	ND 451	NTU	Campalina un dantalian
Monitoring	3/04/23	Daily during discharge	Conductivity	451	μS/cm	Sampling undertaken on 01/03/2023 in
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	-
		Daily during discharge	pH	7.9	pH	response to uncontrolled
		Daily during discharge	Total Suspended Solids	112	mg/L	discharge. Due to
N.A. se ita si sa a	2/04/22	Daily during discharge	Turbidity	130	NTU	higher than average
Monitoring Point 9	3/04/23	Daily during discharge	Conductivity	388	μS/cm	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	25	mg/L	Lower Dam is not
Monitoring	2/04/22	Daily during discharge	Turbidity	7.9	NTU	possible.
Monitoring Point 10	3/04/23	Daily during discharge	Conductivity	391	μS/cm	1
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	<u> </u>
		Daily during discharge	pH	7.9	pH	-
		Daily during discharge  Daily during discharge	Total Suspended Solids Turbidity	31 110	mg/L NTU	-
		Daily during discharge	February 2023	110	NTO	
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	1
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	1
			·			6 1: 1 1
Monitoring	3/04/23	Daily during discharge	Conductivity	449	μS/cm	Sampling undertaken
Monitoring Point 7	3/04/23	Daily during discharge  Daily during discharge	Conductivity Oil and Grease	<0.1	μS/cm mg/L	Sampling undertaken on 28/02/2023 in

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
	Neceiveu	Daily during discharge	Total Suspended Solids	92	mg/L	uncontrolled
		Daily during discharge	Turbidity	120	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	387	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	6.9	pH	high groundwater
			Total Suspended Solids	1		table dewatering of
		Daily during discharge	•	14	mg/L	Lower Dam is not
<b>N</b> 4 1 1	2/24/22	Daily during discharge	Turbidity	7.8	NTU	possible.
Monitoring	3/04/23	Daily during discharge	Conductivity	391	μS/cm	
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	-
		Daily during discharge	pH	8.2	pH	-
		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	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	398	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/02/2023 in
		Daily during discharge	pH	7.1	pН	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, 5 ., 25	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	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	3, 0 1, 23	Daily during discharge	Oil and Grease	<0.1	mg/L	-
		Daily during discharge	рН	8.3	pH	-
		Daily during discharge	Total Suspended Solids	38	mg/L	-
		Daily during discharge	Turbidity	110	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	pН	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	435	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 26/02/2023 in
		Daily during discharge	pH	8.1	pН	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		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 Lower Dam is not
		Daily during discharge	Turbidity	8.7	NTU	possible.
Monitoring	3/04/23	Daily during discharge	Conductivity	389	μS/cm	μοσοινίε.
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	

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		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	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	pН	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	рН	7.1	рН	high groundwater
		Daily during discharge	Total Suspended Solids	17	mg/L	table dewatering of
		Daily during discharge	Turbidity	7.1	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	pH	7.6	рН	
		Daily during discharge	Total Suspended Solids	41	mg/L	
		Daily during discharge	Turbidity	100	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6				1		discharge initiated
POIIIL 6		Daily during discharge	Flow	ND	KL/day	uischarge initiateu
		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	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	pH	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
		Daily during discharge	Turbidity	5.4	NTU	Lower Dam is not
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	рН	8.4	рН	
		Daily during discharge	Total Suspended Solids	33	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	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND ND	mg/L	a.ssa.geacc
		Daily during discharge	pH	ND ND	pH	-
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	-
		Daily during discharge	Turbidity	ND ND		-
Monitorina	3/04/23		•		NTU us/sm	Campling undertaken
Monitoring Point 7	5/04/23	Daily during discharge	Conductivity	409	μS/cm	Sampling undertaken on 23/02/2023 in
FUIIIL /		Daily during discharge	Oil and Grease	<0.1	mg/L	response to
		Daily during discharge	pH Total Suspended Solids	7.9	pH mg/l	uncontrolled
		Daily during discharge	Total Suspended Solids	220	mg/L	
		Daily during discharge	Turbidity	230	NTU	discharge. Due to

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
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
		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	рН	8.3	рН	
		Daily during discharge	Total Suspended Solids		mg/L	
		Daily during discharge	Turbidity	130	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	394	μS/cm	Sampling undertaken
Point 7	5, 5 1, 25	Daily during discharge	Oil and Grease	<0.1	mg/L	on 22/02/2023 in
		Daily during discharge	pH	8.1	pH	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	3, 5 1, 23	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.2	pH	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	0,0.,=0	Daily during discharge	Oil and Grease	<0.1	mg/L	-
		Daily during discharge	рН	8.4	pH	-
		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
Monitoring Point 6			Flow	ND ND	μ3/cm KL/day	discharge initiated
roint o		Daily during discharge  Daily during discharge	Oil and Grease	ND ND	mg/L	uischarge miliateu
		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	454	μS/cm	Sampling undertaken
Point 7	3/04/23	Daily during discharge	Oil and Grease	<0.1	mg/L	on 21/02/2023 in
1 Offic 7		Daily during discharge	pH	7.6	pH	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	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	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	J, U+, ZJ	Daily during discharge	Oil and Grease	<0.1	mg/L	1
. Omit 10		Daily during discharge	pH	8.6	pH	1
		Daily during discharge	Total Suspended Solids	47	mg/L	1
		Daily during discharge	Turbidity	100	NTU	1
				1		
		Daily during discharge	Conductivity	ND	μS/cm	

Location	Date	Monitoring Frequency	Pollutant	Measure	Unit	Comment
	Received			ment		
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	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
	2/04/22	Daily during discharge	Turbidity	ND	NTU	C 1: 1 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	pH	7.6	pH ,,	response to
		Daily during discharge	Total Suspended Solids	68	mg/L	uncontrolled discharge. Due to
	2 /2 / /22	Daily during discharge	Turbidity	75	NTU	higher than average
Monitoring	3/04/23	Daily during discharge	Conductivity	375	μS/cm	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	19	mg/L	Lower Dam is not
N.A. with a wive a	2/04/22	Daily during discharge	Turbidity	6.8	NTU	possible.
Monitoring	3/04/23	Daily during discharge	Conductivity	390	μS/cm	<u>'</u>
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	21	mg/L	-
		Daily during discharge	Turbidity	100	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 Ollite O		Daily during discharge	Oil and Grease	ND ND		uischarge initiateu
		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	3/04/23	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 19/02/2023 in
1 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	3,01,23	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	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	2, 2 ., 22	Daily during discharge	Oil and Grease	<0.1	mg/L	-
		Daily during discharge	рН	7.9	pН	-
		Daily during discharge	Total Suspended Solids	34	mg/L	-
		Daily during discharge	Turbidity	75	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	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	]
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	рН	8.0	pН	response to
		Daily during discharge	Total Suspended Solids	82	mg/L	uncontrolled
		Daily during discharge	Turbidity	65	NTU	discharge. Due to
Monitoring	3/04/23	Daily during discharge	Conductivity	343	μS/cm	higher than average
Michiloning	, ,				, ,	monthly rainfall and

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	рН	7.0	рН	high groundwater
		Daily during discharge	Total Suspended Solids	16	mg/L	table dewatering of
		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	рH	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	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	421	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 17/02/2023 in
		Daily during discharge	рН	7.8	рН	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		Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рH	7.0	рН	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	-,-,-	Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	8.4	рН	
		Daily during discharge	Total Suspended Solids	33	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	pН	ND	pН	
		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	pH	6.8	pН	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	1
		Daily during discharge	Turbidity	120	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	]

Location Date Received Monitoring Fr	equency Pollut	ant Measure ment	Unit	Comment
Daily during di	scharge pH	ND	рН	
Daily during di			mg/L	
Daily during di		ND	NTU	
Monitoring 6/03/23 Monthly	Conductivity	147	μS/cm	Monthly monitoring
Point 7 Monthly	Oil and Greas	se <0.1	mg/L	9/02/23
Monthly	pH	6.7	pН	
Monthly	Total Suspen	ded Solids 80	mg/L	
Monthly	Turbidity	95	NTU	
Monitoring 6/03/23 Monthly	Conductivity	166	μS/cm	
Point 9 Monthly	Oil and Greas	se <0.1	mg/L	
Monthly	рН	6.9	рН	
Monthly	Total Suspen	ded Solids 35	mg/L	
Monthly	Turbidity	9.7	NTU	
Monitoring 6/03/23 Monthly	Conductivity	174	μS/cm	
Point 10 Monthly	Oil and Greas	se <0.1	mg/L	
Monthly	pН	6.5	pН	
Monthly	Total Suspen	ded Solids 10	mg/L	
Monthly	Turbidity	9.9	NTU	
	January 20	23		
Monitoring Daily during di	scharge Conductivity	ND	μS/cm	No controlled
Point 6 Daily during di		ND	KL/day	discharge initiated
Daily during di		se ND	mg/L	
Daily during di		ND	pН	
Daily during di		ded Solids ND	mg/L	
Daily during di		ND	NTU	
Monitoring 6/03/23 Monthly	Conductivity	583	μS/cm	Monthly Monitoring
Point 8 Monthly	Oil and Greas		mg/L	19/01/23
Monthly	рН	8.2	pН	
Monthly	Total Suspen	ded Solids 96	mg/L	
Monthly	Turbidity	120	NTU	
Monitoring 6/03/23 Monthly	Conductivity	1248	μS/cm	
Point 9 Monthly	Oil and Greas	se 0.7	mg/L	
Monthly	рН	6.3	pН	
Monthly	Total Suspen	ded Solids 26	mg/L	
Monthly	Turbidity	18	NTU	
Monitoring 6/03/23 Monthly	Conductivity		μS/cm	
Point 10 Monthly	Oil and Greas		mg/L	
Monthly	рН	ND	pН	
Monthly	Total Suspen	ded Solids ND	mg/L	
Monthly	Turbidity	ND	NTU	
	December 2	2022		
Monitoring Daily during di	scharge Conductivity	ND	μS/cm	No controlled
Point 6 Daily during di	scharge Flow	ND	KL/day	discharge initiated
Daily during di	scharge Oil and Greas	se ND	mg/L	
Daily during di		ND	рН	
Daily during di		ded Solids ND	mg/L	
Daily during di	scharge Turbidity	ND	NTU	
Monitoring 9/01/23 Monthly	Conductivity	623	μS/cm	Monthly Monitoring
Point 8 Monthly	Oil and Greas	se <0.1	mg/L	15/12/22
Monthly	рН	8.2	pН	
Monthly	Total Suspen		mg/L	
Monthly	Turbidity	140	NTU	1
Monitoring 9/01/23 Monthly	Conductivity	911	μS/cm	1
Point 9 Monthly	Oil and Greas		mg/L	1
Monthly	pH	7.6	pH	1
Monthly	Total Suspen		mg/L	1

	Date		Environmental Monit	Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	Comment
		Monthly	Turbidity	18	NTU	
Monitoring	9/01/23	Monthly	Conductivity	438	μS/cm	
Point 10		Monthly	Oil and Grease	<0.1	mg/L	
		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		Monthly	Oil and Grease	<0.1	mg/L	23/11/22
		Monthly	pH	8.1	рН	
		Monthly	Total Suspended Solids	49	mg/L	_
		Monthly	Turbidity	140	NTU	
Monitoring	9/01/23	Monthly	Conductivity	381	μS/cm	
Point 9		Monthly	Oil and Grease	<0.1	mg/L	
		Monthly	pH	7.6	рН	
		Monthly	Total Suspended Solids	52	mg/L	
		Monthly	Turbidity	50	NTU	_
Monitoring	9/01/23	Monthly	Conductivity	434	μS/cm	
Point 10		Monthly	Oil and Grease	<0.1	mg/L	
		Monthly	рH	8.6	pН	
		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 ND	μ3/cm KL/day	discharge initiated
FOIIIC O		Daily during discharge	Oil and Grease	ND ND		- discharge initiated
		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	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
Point 9	3,01,23	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
· ome s		Daily during discharge	pH	7.2	pH	high groundwater
		Daily during discharge	Total Suspended Solids	31	mg/L	table dewatering of
		Daily during discharge	Turbidity	21	NTU	Lower Dam is not
Monitoring	9/01/23	Daily during discharge	Conductivity	405	μS/cm	possible.
Point 10	5, 51, 25	Daily during discharge	Oil and Grease	<0.1	mg/L	†
		Daily during discharge	pH	8.6	pH	1
		Daily during discharge	Total Suspended Solids	22	mg/L	1
_		Daily during discharge	Turbidity	70	NTU	<u> </u>
			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	pН	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	9/01/23	Daily during discharge	Conductivity	379	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 11/11/2022 in
		Daily during discharge	рН	7.3	pН	response to
		Daily during discharge	Total Suspended Solids	15	mg/L	uncontrolled
		Daily during discharge	Turbidity	17	NTU	discharge. Due to
Monitoring	9/01/23	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	рН	7.7	рН	high groundwater
		Daily during discharge	Total Suspended Solids	34	mg/L	table dewatering of
		Daily during discharge	Turbidity	23	NTU	Lower Dam is not
Monitoring	9/01/23	Daily during discharge	Conductivity	405	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	8.8	рН	
		Daily during discharge	Total Suspended Solids	22	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 ND	μ3/cm KL/day	discharge initiated
T OILLE O		Daily during discharge	Oil and Grease	ND	mg/L	uischarge mitiatea
		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	379	μS/cm	Sampling undertaken
Point 7	23, 11, 22	Daily during discharge	Oil and Grease	0.2	mg/L	on 10/11/2022 in
		Daily during discharge	pH	7.5	pH	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	Н	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		Daily during discharge	Oil and Grease	0.1	mg/L	
		Daily during discharge	рН	8.7	pН	
		Daily during discharge	Total Suspended Solids	15	mg/L	
		Daily during discharge	Turbidity	70	NTU	
Monitoring		Daily during disaborgs	Conductivity	ND	C / a.ma	No controlled
Monitoring Point 6		Daily during discharge	Conductivity	ND	μS/cm	
Politi		Daily during discharge	Flow	ND 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		ND ND	mg/L	-
Monitoring	25/11/22	Daily during discharge  Daily during discharge	Turbidity Conductivity	ND 409	NTU μS/cm	Sampling undertaken
Point 7	23/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 9/11/2022 in
FOIIIC /		Daily during discharge	pH	8.0		response to
		Daily during discharge	Total Suspended Solids	22	pH 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	Z3/ T1/ ZZ	Daily during discharge  Daily during discharge	Oil and Grease	<0.1	μs/cm mg/L	monthly rainfall and
				6.4	pH	high groundwater
		Daily during discharge				
		Daily during discharge	pH Total Suspended Solids	1		table dewatering of
		Daily during discharge Daily during discharge Daily during discharge	Total Suspended Solids Turbidity	38	mg/L NTU	

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	6.6	рН	
		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	κL/day	discharge initiated
roint o		Daily during discharge	Oil and Grease	ND ND		discharge illitiated
		Daily during discharge	pH	ND ND	mg/L pH	-
		Daily during discharge	Total Suspended Solids	ND 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
1 Onit 7		Daily during discharge	pH	7.6	_	response to
		Daily during discharge	Total Suspended Solids	14	pH mg/l	uncontrolled
		Daily during discharge	Turbidity	22	mg/L 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		monthly rainfall and
Foint 9		Daily during discharge	pH	7.8	mg/L pH	high groundwater
			I.	22	-	table dewatering of
		Daily during discharge	Total Suspended Solids		mg/L	Lower Dam is not
Manitaring	25/11/22	Daily during discharge	Turbidity	18	NTU	possible.
Monitoring Point 10	25/11/22	Daily during discharge	Conductivity	400 0.1	μS/cm	1
Pollit 10		Daily during discharge	Oil and Grease		mg/L	_
		Daily during discharge	pH	8.5	pH	_
		Daily during discharge	Total Suspended Solids	9.0	mg/L	_
		Daily during discharge	Turbidity	60	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	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	pH	7.6	pН	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	pH	7.0	pН	high groundwater
		Daily during discharge	Total Suspended Solids	53	mg/L	table dewatering of
		Daily during discharge	Turbidity	28	NTU	Lower Dam is not
	0 = 14 4 100	Daily during discharge	Conductivity	397	μS/cm	possible.
Monitoring	25/11/22	Daily during discharge	Conductivity	337	μο/ στι	
Monitoring Point 10	25/11/22	Daily during discharge	Oil and Grease	0.2	mg/L	_
-	25/11/22		Oil and Grease pH		mg/L pH	
-	25/11/22	Daily during discharge	Oil and Grease	0.2	mg/L	
-	25/11/22	Daily during discharge  Daily during discharge	Oil and Grease pH	0.2 8.5	mg/L pH	
Point 10	25/11/22	Daily during discharge Daily during discharge Daily during discharge Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity	0.2 8.5 18 70	mg/L pH mg/L NTU	No controlled
Point 10  Monitoring	25/11/22	Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity  Conductivity	0.2 8.5 18 70	mg/L pH mg/L NTU μS/cm	No controlled
Point 10	25/11/22	Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity  Conductivity Flow	0.2 8.5 18 70 ND ND	mg/L pH mg/L NTU μS/cm KL/day	No controlled discharge initiated
Point 10  Monitoring	25/11/22	Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity  Conductivity Flow Oil and Grease	0.2 8.5 18 70 ND ND ND	mg/L pH mg/L NTU  µS/cm KL/day mg/L	
Point 10  Monitoring	25/11/22	Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity  Conductivity Flow Oil and Grease pH	0.2 8.5 18 70 ND ND ND	mg/L pH mg/L NTU	
Point 10  Monitoring	25/11/22	Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity  Conductivity Flow Oil and Grease	0.2 8.5 18 70 ND ND ND	mg/L pH mg/L NTU  µS/cm KL/day mg/L	

1		Dufffiore Quarry	Environmental Monit	oring kept	ונ	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	7.8	рН	on 6/11/2022 in
		Daily during discharge	Total Suspended Solids	38	mg/L	response to
		Daily during discharge	Turbidity	70	NTU	uncontrolled
Monitoring	25/11/22	Daily during discharge	Conductivity	396	μS/cm	discharge. Due to
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	higher than average
		Daily during discharge	рН	8.0	pН	monthly rainfall and
		Daily during discharge	Total Suspended Solids	31	mg/L	high groundwater
		Daily during discharge	Turbidity	36	NTU	table dewatering of
Monitoring	25/11/22	Daily during discharge	Conductivity	392	μS/cm	Lower Dam is not
Point 10	, ,	Daily during discharge	Oil and Grease	<0.1	mg/L	possible.
		Daily during discharge	рН	8.6	pН	-
		Daily during discharge	Total Suspended Solids	30	mg/L	=
		Daily during discharge	Turbidity	90	NTU	-
		Tany daning disental ge				
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	390	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 5/11/2022 in
		Daily during discharge	pH	7.7	рН	response to
		Daily during discharge	Total Suspended Solids	39	mg/L	uncontrolled
		Daily during discharge	Turbidity	55	NTU	discharge. Due to
Monitoring	25/11/22	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	pН	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	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	pН	=
		Daily during discharge	Total Suspended Solids	31	mg/L	-
		Daily during discharge	Turbidity	90	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	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	pН	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	pH	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	, - <b>-,</b>	Daily during discharge	Oil and Grease	<0.1	mg/L	1
		Daily during discharge	рН	8.3	pH	1
		. ,	1 1		F	i .

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Total Suspended Solids	48	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
FOIIIC O		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	16/11/22	Daily during discharge	Conductivity	309	μS/cm	Sampling undertaken
Point 7	10/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 3/11/2022 in
1 Offic 7		Daily during discharge	pH	7.4	_	response to
			Total Suspended Solids	10	pH mg/l	uncontrolled
		Daily during discharge	•		mg/L	discharge. Due to
Manitarina	16/11/22	Daily during discharge	Turbidity	16	NTU	higher than average
Monitoring Point 9	16/11/22	Daily during discharge	Conductivity	311	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	24	mg/L	Lower Dam is not
	15/11/00	Daily during discharge	Turbidity	18	NTU	possible.
Monitoring	16/11/22	Daily during discharge	Conductivity	384	μS/cm	1
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	pH	8.5	pН	
		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	pH	
		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	рН	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
		Daily during discharge	pH	8.4	pH	1
		Daily during discharge	Total Suspended Solids	16	mg/L	1
		Daily during discharge	Turbidity	100	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	рН	
		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	pH	7.2	рН	response to

		Dunmore Quarry	Environmental Monit		ort	T
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Total Suspended Solids	6.0	mg/L	uncontrolled
		Daily during discharge	Turbidity	19	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	pН	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	J
		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	390	μS/cm	Sampling undertaken
Point 7	10/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 31/10/2022 in
1 Onite 7		Daily during discharge	pH	7.8	pH	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	10/11/22	Daily during discharge	Oil and Grease	<0.1	μ3/cm mg/L	monthly rainfall and
1 Ollit 3		Daily during discharge	pH	7.0	pH	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	16/11/22	Daily during discharge	Oil and Grease	<0.1	·	
POIIIL 10		Daily during discharge	pH	8.4	mg/L	
					pH	
		Daily during discharge	Total Suspended Solids	60	mg/L	
		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	
		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	330	μS/cm	Sampling undertaken
Point 7	, ,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 30/10/2022 in
		Daily during discharge	рН	7.4	pН	response to
		Daily during discharge	Total Suspended Solids	39	mg/L	uncontrolled
		Daily during discharge	Turbidity	48	NTU	discharge. Due to
Monitoring	16/11/22	Daily during discharge	Conductivity	278	μS/cm	higher than average
Point 9	-, ==, <b>==</b>	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.1	pH	high groundwater
		Daily during discharge	Total Suspended Solids	23	mg/L	table dewatering of
		Daily during discharge	Turbidity	12	NTU	Lower Dam is not
Monitoring	16/11/22	Daily during discharge	Conductivity	366	μS/cm	possible.
Point 10	10/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	
. 5 10		Daily during discharge	pH	8.7	pH	
		Daily during discharge  Daily during discharge	Total Suspended Solids	72	рп mg/L	
			·	120	NTU	
		Daily during discharge	Turbidity	120	INIU	I

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		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	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	рН	7.8	pН	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	рН	high groundwater table dewatering of
		Daily during discharge	Total Suspended Solids	15	mg/L	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	pH	8.4	рН	
		Daily during discharge	Total Suspended Solids	78	mg/L	
		Daily during discharge	Turbidity	130	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	pН	
		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	pН	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	10, 11, 11	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	8.3	pH	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	10, 11, 11	Daily during discharge	Oil and Grease	<0.1	mg/L	1
1 0 10		Daily during discharge	pH	8.5	pH	
		Daily during discharge	Total Suspended Solids	70	mg/L	
		Daily during discharge	Turbidity	130	NTU	_
N. d. a. m. i. t. a i		Daile donie - di 1	Conductivity	ND		No seeds II 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	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	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

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
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
		Daily during discharge	рН	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	рН	8.4	рН	
		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	pН	-
		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	рН	7.0	pН	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	рН	7.2	pН	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	рН	8.2	pН	
		Daily during discharge	Total Suspended Solids	55	mg/L	
		Daily during discharge	Turbidity	77	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
Foilit 0		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	-
		Daily during discharge	Turbidity	ND ND	NTU	-
Monitoring	16/11/22	Daily during discharge	Conductivity	168	μS/cm	Sampling undertaken
Point 7	10/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 25/10/2022 in
1 Onite 7		Daily during discharge	pH	7.4	pH	response to
		Daily during discharge	Total Suspended Solids	49	mg/L	uncontrolled
		Daily during discharge	Turbidity	37	NTU	discharge. Due to
Monitoring	16/11/22	Daily during discharge	Conductivity	132	μS/cm	higher than average
Point 9	10/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
Tollics		Daily during discharge	pH	7	pH	high groundwater
		Daily during discharge	Total Suspended Solids	22	mg/L	table dewatering of
		Daily during discharge	Turbidity	26	NTU	Lower Dam is not
Monitoring	16/11/22	Daily during discharge	Conductivity	367	μS/cm	possible.
Point 10	10/11/22	Daily during discharge	Oil and Grease	<0.1		-
1 01111 10				1	mg/L	1
		Daily during discharge	pH Total Suspended Solids	8.6	pH mg/l	-
		Daily during discharge  Daily during discharge	Turbidity	45 65	mg/L NTU	-
			1 1			
		Daily during discharge	Conductivity	ND	μS/cm	

Location	Date	Monitoring Frequency	Pollutant	Measure	Unit	Comment
	Received			ment		No southelled
Monitoring Point 6		Daily during discharge  Daily during discharge	Flow	ND	KL/day	No controlled discharge initiated
Politi o		Daily during discharge  Daily during discharge	Oil and Grease pH	ND ND	mg/L	uischarge initiateu
		Daily during discharge	Total Suspended Solids	ND ND	pH mg/l	-
		Daily during discharge	Turbidity	ND ND	mg/L NTU	-
Monitoring	16/11/22	Daily during discharge	Conductivity	407	μS/cm	Sampling undertaken
Point 7	10/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 24/10/2022 in
FOIIIC 7		Daily during discharge	pH	7.4	pH	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	10/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
1 ome 5		Daily during discharge	pH	7.5	pH	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	10/11/22	Daily during discharge	Oil and Grease	<0.1	mg/L	-
FOIII 10		Daily during discharge	pH	8.2	pH	-
		Daily during discharge	Total Suspended Solids	72	·	-
		Daily during discharge	Turbidity	38	mg/L NTU	-
		Daily during discharge	Turbidity	30	NIO	
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 OIIIC O		Daily during discharge	Oil and Grease	ND ND		- discharge initiated
		Daily during discharge	pH	ND ND	mg/L pH	-
			•		•	-
		Daily during discharge  Daily during discharge	Total Suspended Solids Turbidity	ND ND	mg/L NTU	-
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
FOIIIC 7		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
1 Onic 3		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	-
1 01110 10		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	Turbiaity		1410	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND ND	KL/day	discharge initiated
1 Ollic O		Daily during discharge	Oil and Grease	ND ND	mg/L	uischarge initiatea
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	-
		Daily during discharge	Turbidity	ND ND	NTU	1
Monitoring	16/11/22	Daily during discharge	Conductivity	199	μS/cm	Sampling undertaken
Point 7	10/11/22	Daily during discharge	Oil and Grease	<0.1		on 22/10/2022 in
i Onit /		Daily during discharge	pH	6.9	mg/L pH	response to
			Total Suspended Solids		•	uncontrolled
		Daily during discharge		44	mg/L	discharge. Due to
Monitorina	16/11/22	Daily during discharge	Turbidity	21	NTU us/cm	higher than average
Monitoring	16/11/22	Daily during discharge	Conductivity	181	μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	oy rannan ana

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	рН	6.9	pН	high groundwater
		Daily during discharge	Total Suspended Solids	40	mg/L	table dewatering of
		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	рH	8.4	pН	
		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	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	335	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/10/2022 in
		Daily during discharge	рH	7.3	pН	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	-, ,	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	рН	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	-
		Daily during discharge	Total Suspended Solids	11	mg/L	-
		Daily during discharge	Turbidity	45	NTU	-
		2 4.17 44.1.1.8 4.100.14.80				
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	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	рН	7.4	pH	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	0,11,22	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.8	pH	high groundwater
		Daily during discharge	Total Suspended Solids	2	mg/L	table dewatering of
		Daily during discharge	Turbidity	5.6	NTU	Lower Dam is not
Monitoring	8/11/22	Daily during discharge	Conductivity	438	μS/cm	possible.
Point 10	0, 11, 22	Daily during discharge	Oil and Grease	<0.1	mg/L	1
. 0 10		Daily during discharge	pH	8.5	pH	1
		Daily during discharge	Total Suspended Solids	9	mg/L	1
		Daily during discharge	Turbidity	65	NTU	1
		Loany during discharge	rarbialty	1 03	NIU	
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
i Ollit U		Daily during discharge  Daily during discharge		ND ND	·	uischarge miliated
		Daily during discharge	Oil and Grease	טא	mg/L	]

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	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	рН	7.0	рН	high groundwater
		Daily during discharge	Total Suspended Solids	29	mg/L	table dewatering of
		Daily during discharge	Turbidity	6.4	NTU	Lower Dam is not
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	рН	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	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	8/11/22	Daily during discharge	Conductivity	376	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 17/10/2022 in
		Daily during discharge	рН	7.5	рН	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	рН	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	
		Daily during discharge	pH	8.5	рН	
		Daily during discharge	Total Suspended Solids	30	mg/L	
		Daily during discharge	Turbidity	40	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	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	7.6	рН	response to
		Daily during discharge	Total Suspended Solids	36	mg/L	uncontrolled
		Daily during discharge	Turbidity	50	NTU	discharge. Due to
Monitoring	8/11/22	Daily during discharge	Conductivity	320	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	35	mg/L	table dewatering of

	Data	Duffillore Quarry	' Environmental Monit		)	Commont
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Turbidity	20	NTU	Lower Dam is not
Monitoring	8/11/22	Daily during discharge	Conductivity	433	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	рН	8.3	рН	
		Daily during discharge	Total Suspended Solids	41	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
· ome 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	8/11/22	Daily during discharge	Conductivity	373	μS/cm	Sampling undertaken
Point 7	0,11,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 15/10/2022 in
		Daily during discharge	pH	7.7	pH	response to
		Daily during discharge	Total Suspended Solids	53	mg/L	uncontrolled
		Daily during discharge	Turbidity	28	NTU	discharge. Due to
Monitoring	8/11/22	Daily during discharge	Conductivity	304	μS/cm	higher than average
Point 9	0, 11, 22	Daily during discharge	Oil and Grease	<0.1	mg/L	monthly rainfall and
		Daily during discharge	pH	7.3	pH	high groundwater
		Daily during discharge	Total Suspended Solids	19	mg/L	table dewatering of
		Daily during discharge	Turbidity	12	NTU	Lower Dam is not
Monitoring	8/11/22	Daily during discharge	Conductivity	434	μS/cm	possible.
Point 10	0, 11, 22	Daily during discharge	Oil and Grease	<0.1	mg/L	1
		Daily during discharge	pH	8.4	pH	
		Daily during discharge	Total Suspended Solids	35	mg/L	
		Daily during discharge	Turbidity	39	NTU	=
<u> </u>		. 7	,			
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	рН	
		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	pH		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	рH	7.2	pН	high groundwater
		Daily during discharge	Total Suspended Solids	25	mg/L	table dewatering of
		Daily during discharge	Turbidity	85	NTU	Lower Dam is not possible.
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	pH	7.2	рН	
		Daily during discharge	Total Suspended Solids	17	mg/L	
		Daily during discharge	Turbidity	9.4	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	
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
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Г		Duffillore Quarry	Environmental Monit		)	1
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	8/11/22	Daily during discharge	Conductivity	276	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.3	mg/L	on 13/10/2022 in
		Daily during discharge	рН	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	18	mg/L	uncontrolled
		Daily during discharge	Turbidity	12	NTU	discharge. Due to
Monitoring	8/11/22	Daily during discharge	Conductivity	312	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	0.4	mg/L	monthly rainfall and
		Daily during discharge	рН	7.6	рН	high groundwater
		Daily during discharge	Total Suspended Solids	15	mg/L	table dewatering of
		Daily during discharge	Turbidity	14	NTU	Lower Dam is not
Monitoring	8/11/22	Daily during discharge	Conductivity	434	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	0.4	mg/L	
		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 ND	μ3/cm KL/day	discharge initiated
Foilit		Daily during discharge	Oil and Grease	ND ND	mg/L	uischarge mittateu
		Daily during discharge	pH	ND ND	pH	
			•	ND ND		
		Daily during discharge	Total Suspended Solids		mg/L	
Monitoring	0/11/22	Daily during discharge	Turbidity	ND 391	NTU	Campling undertaken
Monitoring Point 7	8/11/22	Daily during discharge	Conductivity	281	μS/cm	Sampling undertaken on 12/10/2022 in
POIIIL 7		Daily during discharge	Oil and Grease	0.3	mg/L	response to
		Daily during discharge	pH Total Suspended Solids	7.2	pH	uncontrolled
		Daily during discharge	•	206 45	mg/L	discharge. Due to
Monitoring	8/11/22	Daily during discharge	Turbidity		NTU us/sm	higher than average
Monitoring Point 9	8/11/22	Daily during discharge	Conductivity	301	μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	0.4	mg/L	high groundwater
		Daily during discharge	pH Total Suspended Solids	7.9	pH	table dewatering of
		Daily during discharge		24	mg/L	Lower Dam is not
Monitoring	8/11/22	Daily during discharge	Turbidity	16	NTU	possible.
Monitoring Point 10	8/11/22	Daily during discharge	Conductivity	485	μS/cm	
FOIIIC 10		Daily during discharge  Daily during discharge	Oil and Grease pH	0.4 8.3	mg/L pH	
		Daily during discharge	Total Suspended Solids	43	•	
		Daily during discharge	Turbidity	60	mg/L NTU	
		Tuny duming disentinge				
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	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	рН	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	рН	6.9	рН	high groundwater
		Daily during discharge	Total Suspended Solids	11	mg/L	table dewatering of
		Daily during discharge	Turbidity	16	NTU	Lower Dam is not
	8/11/22	Daily during discharge	Conductivity	419	μS/cm	possible.

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	pH	8.2	pН	
		Daily during discharge	Total Suspended Solids	34	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	рH	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	202	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.6	mg/L	on 10/10/2022 in
		Daily during discharge	рH	7.7	рН	response to
		Daily during discharge	Total Suspended Solids	118	mg/L	uncontrolled
		Daily during discharge	Turbidity	50	NTU	discharge. Due to
Monitoring	8/11/22	Daily during discharge	Conductivity	211	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	0.5	mg/L	monthly rainfall and
		Daily during discharge	pН	7.3	рН	high groundwater table dewatering of
		Daily during discharge	Total Suspended Solids	8	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	29	NTU	possible.
Monitoring	8/11/22	Daily during discharge	Conductivity	427	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	0.6	mg/L	
		Daily during discharge	рH	82	рН	
		Daily during discharge	Total Suspended Solids	34	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	рH	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	186	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.7	mg/L	on 7/10/2022 in
		Daily during discharge	pН	7.7	рН	response to
		Daily during discharge	Total Suspended Solids	65	mg/L	uncontrolled
		Daily during discharge	Turbidity	55	NTU	discharge. Due to
Monitoring	8/11/22	Daily during discharge	Conductivity	187	μS/cm	higher than average
Point 9		Daily during discharge	Oil and Grease	0.5	mg/L	monthly rainfall and
		Daily during discharge	рН	7.5	рН	high groundwater
		Daily during discharge	Total Suspended Solids	39	mg/L	table dewatering of
		Daily during discharge	Turbidity	40	NTU	Lower Dam is not
Monitoring	8/11/22	Daily during discharge	Conductivity	434	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	0.6	mg/L	
		Daily during discharge	pH	8.4	рН	
		Daily during discharge	Total Suspended Solids	34	mg/L	
		Daily during discharge	Turbidity	60	NTU	
			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	pH	ND	pH	_
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
	8/11/22	Daily during discharge	Conductivity	298	μS/cm	

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 30/09/2022 in
		Daily during discharge	Total Suspended Solids	34	mg/L	response to
		Daily during discharge	Turbidity	33	NTU	uncontrolled
Monitoring	8/11/22	Daily during discharge	Conductivity	397	μS/cm	discharge. Due to
Point 9		Daily during discharge	Oil and Grease	0.4	mg/L	higher than average
		Daily during discharge	рН	7.1	рН	monthly rainfall and high groundwater
		Daily during discharge	Total Suspended Solids	38	mg/L	
		Daily during discharge	Turbidity	37		table dewatering of Lower Dam is not
					NTU	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	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	492	μS/cm	Monthly monitoring
Point 8		Daily during discharge	Oil and Grease	0.5	mg/L	undertaken on
		Daily during discharge	pH	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	1
		Daily during discharge	pН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			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	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	451	μS/cm	Monthly monitoring
Point 8		Daily during discharge	Oil and Grease	0.3	mg/L	undertaken on
		Daily during discharge	рН	8.3	pН	25/08/2022
		Daily during discharge	Total Suspended Solids	108	mg/L	
		Daily during discharge	Turbidity	210	NTU	1
	14/10/22	Daily during discharge	Conductivity	404	μS/cm	

	Date	Duffillore Quarry	Environmental Monit	Measure	ו נ	Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	Comment
Monitoring		Daily during discharge	Oil and Grease	0.9	mg/L	Monthly monitoring
Point 9		Daily during discharge	рН	7.5	рН	undertaken on
		Daily during discharge	Total Suspended Solids	106	mg/L	25/08/2022
		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	
		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	- disentinge 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	370	μS/cm	Sampling undertaken
Point 7	14/10/22	Daily during discharge	Oil and Grease	0.3	mg/L	on 12/08/2022 in
1 Ollie 7		Daily during discharge	pH	7.2	pH	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
Monitoring Point 9	14/10/22	Daily during discharge	Oil and Grease	0.3	-	monthly rainfall and
Foilit 9		Daily during discharge	pH	6.8	mg/L pH	high groundwater
		Daily during discharge	Total Suspended Solids	51	·	table dewatering of
					mg/L	Lower Dam is not
Monitoring	14/10/22	Daily during discharge	Turbidity	44	NTU	possible.
Monitoring Point 10	14/10/22	Daily during discharge	Conductivity	386	μS/cm	1
POIIIL 10		Daily during discharge	Oil and Grease	0.3	mg/L	_
		Daily during discharge  Daily during discharge	pH Total Suspended Solids	8.5	pH	-
		Daily during discharge  Daily during discharge	Turbidity	12 25	mg/L NTU	-
		Daily during discharge	Turbidity	25	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	14/10/22	Daily during discharge	Conductivity	387	μS/cm	Sampling undertaken
Point 7	, ,	Daily during discharge	Oil and Grease	0.3	mg/L	on 11/08/2022 in
		Daily during discharge	рН	7.5	pН	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	,,	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	/ 10/ 22	Daily during discharge	Oil and Grease	0.3	mg/L	-
10		Daily during discharge	pH	8.4	pH	-
		Daily during discharge	Total Suspended Solids	5	mg/L	†
		Daily during discharge	Turbidity	28	NTU	-
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated

	Date	Duriniore Quarry	Environmental Monit	Measure	) (	Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	Comment
		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	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	pН	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	pH	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	14/10/22	Daily during discharge	Oil and Grease	0.4	mg/L	-
10111110		Daily during discharge	pH	8.2	pH	_
		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	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	14/10/22	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
FOIIIC /		Daily during discharge	pH			response to
			Total Suspended Solids	7.2	pH	uncontrolled
		Daily during discharge		12	mg/L	discharge. Due to
NA it i	4.4/4.0/22	Daily during discharge	Turbidity	6.4	NTU	higher than average
Monitoring	14/10/22	Daily during discharge	Conductivity	376	μS/cm	monthly rainfall and
Point 9		Daily during discharge	Oil and Grease	0.1	mg/L	high groundwater
		Daily during discharge	pH	7.4	рH	table dewatering of
		Daily during discharge	Total Suspended Solids	23	mg/L	Lower Dam is not
		Daily during discharge	Turbidity	21	NTU	possible.
Monitoring	14/10/22	Daily during discharge	Conductivity	372	μS/cm	possible.
Point 10		Daily during discharge	Oil and Grease	0.5	mg/L	
		Daily during discharge	pH	8.4	pН	
		Daily during discharge	Total Suspended Solids	10	mg/L	
		Daily during discharge	Turbidity	25	NTU	
Monitorina		Daily during discharge	Conductivity	ND	118 /000	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	4
		Daily during discharge	pH	ND	pH	_
		Daily during discharge	Total Suspended Solids	ND	mg/L	4
NA	24 /00 /22	Daily during discharge	Turbidity	ND 457	NTU	Canada I I I
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	pН	response to
		Daily during discharge	Total Suspended Solids	38	mg/L	uncontrolled
		Daily during discharge	Turbidity	100		discharge. Due to
						higher than average
					A 1 1 ·	monthly rainfall and
					NTU	high groundwater

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						table dewatering of
						Lower Dam is not
Monitoring	31/08/22	Daily during discharge	Conductivity	390	μS/cm	possible. Sampling undertaken
Point 9	31/06/22	Daily during discharge	Oil and Grease	0.4	μ3/CIII mg/L	on 8/08/2022 in
1011103		Daily during discharge	pH	7.4	pH	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	рH	8.2	pН	response to
		Daily during discharge	Total Suspended Solids	8.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	28	NTU	discharge.
			<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	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	443	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.5	mg/L	on 7/08/2022 in
		Daily during discharge	pH	8.1	pН	response to
		Daily during discharge	Total Suspended Solids	68	mg/L	uncontrolled
		Daily during discharge	Turbidity	95		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	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	рН	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  Daily during discharge	Oil and Grease	ND ND	mg/L	+
		Daily during discharge	pH Total Suspended Solids	ND ND	pH mg/l	+
		Daily during discharge	Turbidity	ND ND	mg/L NTU	-
Monitoring	31/08/22	Daily during discharge  Daily during discharge	Conductivity	331	μS/cm	Sampling undertaken
Point 7	31/00/22	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	6/ -	discharge. Due to
		- any warms alsonaise	· an analog			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	31/08/22	Daily during discharge	Conductivity	426	μS/cm	Sampling undertaken
Point 9	, ,	Daily during discharge	Oil and Grease	0.2	mg/L	on 6/08/2022 in
		Daily during discharge	рH	7.9	pН	response to
		Daily during discharge	Total Suspended Solids	24	mg/L	uncontrolled
		Daily during discharge	Turbidity	21	NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	380	μS/cm	Sampling undertaken
Point 10	, ,	Daily during discharge	Oil and Grease	0.2	mg/L	on 6/08/2022 in
		Daily during discharge	pH	8.6	рH	response to
		Daily during discharge	Total Suspended Solids	8	mg/L	uncontrolled
		Daily during discharge	Turbidity	30	NTU	discharge.
L		. 7				
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	374	μS/cm	Sampling undertaken
Point 7	31,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 5/08/2022 in
		Daily during discharge	pH	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled
		Daily during discharge	Turbidity	17	6/ -	discharge. Due to
		Daily during discridings	- and and			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	390	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 5/08/2022 in
		Daily during discharge	рH	6.9	рН	response to
		Daily during discharge	Total Suspended Solids	18	mg/L	uncontrolled
		Daily during discharge	Turbidity	21	NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	384	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.2	mg/L	on 5/08/2022 in
		Daily during discharge	рН	8.1	рН	response to
		Daily during discharge	Total Suspended Solids	6.5	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	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	31/08/22	Daily during discharge	Conductivity	342	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 4/08/2022 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	11		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	31/08/22	Daily during discharge	Conductivity	386	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 4/08/2022 in
		Daily during discharge	рH	8.5	pН	response to
		Daily during discharge	Total Suspended Solids	89	mg/L	uncontrolled
		Daily during discharge	Turbidity	60	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	рН	8.5	pH	response to
		Daily during discharge	Total Suspended Solids	5	mg/L	uncontrolled
		Daily during discharge	Turbidity	33	NTU	discharge.
		1 7 11 0 11 1 01			_	
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	389	μS/cm	Sampling undertaken
Point 7	31/00/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 3/08/2022 in
		Daily during discharge	pH	7.9	pH	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled
		Daily during discharge	Turbidity	17	1116/ L	discharge. Due to
		Daily during discharge	Turbluity	1/		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	374	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 3/08/2022 in
		Daily during discharge	рН	7.2	pН	response to
		Daily during discharge	Total Suspended Solids	9	mg/L	uncontrolled
		Daily during discharge	Turbidity	13	NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	384	μS/cm	Sampling undertaken
Point 10	- ,,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 3/08/2022 in
		Daily during discharge	рН	8.5	pН	response to
		Daily during discharge	Total Suspended Solids	6.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	40	NTU	discharge.
		, ,	,		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	1
		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	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	рН	8.0	pH	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
					NTU	table dewatering of

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	31/08/22	Daily during discharge	Conductivity	388	μS/cm	Sampling undertaken
Point 9	- ,,	Daily during discharge	Oil and Grease	0.3	mg/L	on 2/08/2022 in
		Daily during discharge	рН	7.4	pН	response to
		Daily during discharge	Total Suspended Solids	20	mg/L	uncontrolled
		Daily during discharge	Turbidity	16	NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	380	μS/cm	Sampling undertaken
Point 10	5 = , 5 5 , = =	Daily during discharge	Oil and Grease	0.3	mg/L	on 2/08/2022 in
		Daily during discharge	рН	8.5	pH	response to
		Daily during discharge	Total Suspended Solids	24	mg/L	uncontrolled
		Daily during discharge	Turbidity	34	NTU	discharge.
		1 7 11 0 11 1 01				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	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	31/08/22	Daily during discharge	Conductivity	359	μS/cm	Sampling undertaken
Point 7	02,00,22	Daily during discharge	Oil and Grease	0.2	mg/L	on 1/08/2022 in
		Daily during discharge	рН	7.6	pH	response to
		Daily during discharge	Total Suspended Solids	6.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	17	6/ =	discharge. Due to
		2 4.17 4 4.11.18 4.150.14.180				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	pH	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	рH	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled
		Daily during discharge	Turbidity	39	NTU	discharge.
			July 2022	Ţ	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	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	pH	7.4	рН	response to
		Daily during discharge	Total Suspended Solids	12	mg/L	uncontrolled
		Daily during discharge	Turbidity	35		discharge. Due to
						higher than average
						monthly rainfall and
					A I T I	high groundwater
					NTU	table dewatering of

	Date	Daninore Quarry	Environmental Monit	Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	31/08/22	Daily during discharge	Conductivity	380	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	0.2	mg/L	on 31/07/2022 in
		Daily during discharge	рН	7.2	pН	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled
		Daily during discharge	Turbidity	14	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	рН	7.6	pН	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled
		Daily during discharge	Turbidity	40	NTU	discharge.
				•		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	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	рН	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
					NITH	Lower Dam is not
Monitoring	31/08/22	Daily during discharge	Conductivity	349	NTU μS/cm	possible. Sampling undertaken
Point 9	31/06/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 30/07/2022 in
Foint 9		Daily during discharge	pH	7.4	pH	response to
		Daily during discharge	Total Suspended Solids	13	mg/L	uncontrolled
		Daily during discharge	Turbidity	14	NTU	discharge.
Monitoring	31/08/22	Daily during discharge	Conductivity	385		Sampling undertaken
Point 10	31/06/22	Daily during discharge	Oil and Grease	<0.1	μS/cm	on 30/07/2022 in
FOIIIC 10		Daily during discharge	pH	7.5	mg/L pH	response to
		Daily during discharge	Total Suspended Solids	22	mg/L	uncontrolled
		Daily during discharge	Turbidity	50	NTU	discharge.
		Daily during discharge	Tarblarcy	30	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	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	<u></u> 5,	discharge. Due to
			,			higher than average
						monthly rainfall and
						high groundwater
					NTU	table dewatering of

·		Dunmore Quarry	Environmental Monit		ort	
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	350	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 29/07/2022 in
		Daily during discharge	рН	6.9	рН	response to
		Daily during discharge	Total Suspended Solids	40	mg/L	uncontrolled
		Daily during discharge	Turbidity	29	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	рН	8.3	pН	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 ND	μ3/cm KL/day	discharge initiated
roint o		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	mg/L	
	40/00/22	Daily during discharge	Turbidity	ND	NTU	6 1 1 1
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 uncontrolled
		Daily during discharge	Total Suspended Solids	86	mg/L	discharge. Due to
		Daily during discharge	Turbidity	150		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	10,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/07/2022 in
		Daily during discharge	pH	7.4	pH	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	10,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/07/2022 in
		Daily during discharge	pH	7.4	pH	response to
		Daily during discharge	Total Suspended Solids	60	mg/L	uncontrolled
		Daily during discharge	Turbidity	38	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	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	рН	8.2	pН	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
					NITII	high groundwater
					NTU	table dewatering of

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	333	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/07/2022 in
		Daily during discharge	pН	7.3	рН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled
		Daily during discharge	Turbidity	11	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	рH	8.2	pН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled
		Daily during discharge	Turbidity	45	NTU	discharge.
		, ,	,	l.	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	<u> </u>
		Daily during discharge	рН	ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	1
Monitoring	31/08/22	Daily during discharge	Conductivity	302	μS/cm	Sampling undertaken
Point 7	31, 30, 22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 26/07/2022 in
		Daily during discharge	pH	7.1	pH	response to
		Daily during discharge	Total Suspended Solids	6.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	12	1116/ L	discharge. Due to
		Daily during discharge	Turbluity	12		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	рН	7.0	pH	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	31,00,22	Daily during discharge	Oil and Grease	0.1	mg/L	on 26/07/2022 in
					pH	response to
		Daily during discharge	INH	1 X 4		
		Daily during discharge	pH Total Suspended Solids	8.4		•
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled
			•			•
Monitoring		Daily during discharge Daily during discharge	Total Suspended Solids Turbidity	10 50	mg/L NTU	uncontrolled discharge.
Monitoring		Daily during discharge Daily during discharge Daily during discharge	Total Suspended Solids Turbidity  Conductivity	10 50 ND	mg/L NTU μS/cm	uncontrolled discharge.
Monitoring Point 6		Daily during discharge Daily during discharge Daily during discharge Daily during discharge	Total Suspended Solids Turbidity  Conductivity Flow	10 50 ND ND	mg/L NTU μS/cm KL/day	uncontrolled discharge.
		Daily during discharge	Total Suspended Solids Turbidity  Conductivity Flow Oil and Grease	10 50 ND ND ND	mg/L NTU μS/cm KL/day mg/L	uncontrolled discharge.
		Daily during discharge	Total Suspended Solids Turbidity  Conductivity Flow Oil and Grease pH	10 50 ND ND ND ND	mg/L NTU μS/cm KL/day mg/L pH	uncontrolled discharge.
		Daily during discharge	Total Suspended Solids Turbidity  Conductivity Flow Oil and Grease pH Total Suspended Solids	10 50 ND ND ND ND ND	mg/L NTU μS/cm KL/day mg/L pH mg/L	uncontrolled discharge.
Point 6	24 /00 /22	Daily during discharge	Total Suspended Solids Turbidity  Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity	10 50 ND ND ND ND ND ND	mg/L NTU  μS/cm KL/day mg/L pH mg/L NTU	uncontrolled discharge.  No controlled discharge initiated
Point 6  Monitoring	31/08/22	Daily during discharge	Total Suspended Solids Turbidity  Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity	10 50 ND ND ND ND ND ND ND ND	mg/L NTU  μS/cm KL/day mg/L pH mg/L NTU μS/cm	uncontrolled discharge.  No controlled discharge initiated  Sampling undertaken
Point 6	31/08/22	Daily during discharge	Total Suspended Solids Turbidity  Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	10 50 ND ND ND ND ND ND ND 438 <0.1	mg/L NTU  µS/cm KL/day mg/L pH mg/L NTU µS/cm mg/L	uncontrolled discharge.  No controlled discharge initiated  Sampling undertaken on 25/07/2022 in
Point 6  Monitoring	31/08/22	Daily during discharge	Total Suspended Solids Turbidity  Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH	ND N	mg/L NTU  µS/cm KL/day mg/L pH mg/L NTU µS/cm mg/L pH	uncontrolled discharge.  No controlled discharge initiated  Sampling undertaken on 25/07/2022 in response to
Point 6  Monitoring	31/08/22	Daily during discharge	Total Suspended Solids Turbidity  Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids	10 50 ND ND ND ND ND ND 438 <0.1 8.2 58	mg/L NTU  µS/cm KL/day mg/L pH mg/L NTU µS/cm mg/L	uncontrolled discharge.  No controlled discharge initiated  Sampling undertaken on 25/07/2022 in response to uncontrolled
Point 6  Monitoring	31/08/22	Daily during discharge	Total Suspended Solids Turbidity  Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH	ND N	mg/L NTU  µS/cm KL/day mg/L pH mg/L NTU µS/cm mg/L pH	uncontrolled discharge.  No controlled discharge initiated  Sampling undertaken on 25/07/2022 in response to uncontrolled discharge. Due to
Point 6  Monitoring	31/08/22	Daily during discharge	Total Suspended Solids Turbidity  Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids	10 50 ND ND ND ND ND ND 438 <0.1 8.2 58	mg/L NTU  µS/cm KL/day mg/L pH mg/L NTU µS/cm mg/L pH	uncontrolled discharge.  No controlled discharge initiated  Sampling undertaken on 25/07/2022 in response to uncontrolled discharge. Due to higher than average
Point 6  Monitoring	31/08/22	Daily during discharge	Total Suspended Solids Turbidity  Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids	10 50 ND ND ND ND ND ND 438 <0.1 8.2 58	mg/L NTU  µS/cm KL/day mg/L pH mg/L NTU µS/cm mg/L pH	uncontrolled discharge.  No controlled discharge initiated  Sampling undertaken on 25/07/2022 in response to uncontrolled discharge. Due to

	_	Dunmore Quarry	Environmental Monit		ort	_
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	31/08/22	Daily during discharge	Conductivity	301	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 25/07/2022 in
		Daily during discharge	рН	7	рН	response to
		Daily during discharge	Total Suspended Solids	18	mg/L	uncontrolled
		Daily during discharge	Turbidity	15	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
		Daily during discharge	pH	8.6	рН	response to
		Daily during discharge	Total Suspended Solids	8	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	κL/day	discharge initiated
FOILE		Daily during discharge	Oil and Grease	ND ND	mg/L	discharge initiated
		Daily during discharge	pH	ND	pH	-
		Daily during discharge	'	ND ND	-	-
		Daily during discharge	Total Suspended Solids	ND ND	mg/L NTU	-
Monitoring	31/08/22		Turbidity	1		Campling undertaken
Monitoring Point 7	31/08/22	Daily during discharge  Daily during discharge	Conductivity	279	μS/cm	Sampling undertaken on 24/07/2022 in
POIIIL /		Daily during discharge  Daily during discharge	Oil and Grease	0.1 7.4	mg/L pH	response to
		Daily during discharge	Total Suspended Solids	10	-	uncontrolled
		Daily during discharge	Turbidity	19	mg/L	discharge. Due to
		Daily during discharge	Turbialty	15		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	291	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	0.2	mg/L	on 24/07/2022 in
		Daily during discharge	рН	7.2	рН	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		Daily during discharge	Oil and Grease	0.3	mg/L	on 24/07/2022 in
		Daily during discharge	рН	8.5	рН	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 ND	μ3/cm KL/day	discharge initiated
. Onle O		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	-
		Daily during discharge	Turbidity	ND	NTU	-
Monitoring	31/08/22	Daily during discharge	Conductivity	278	μS/cm	Sampling undertaken
Point 7	32/00/22	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
		- any warms aroundinge	. an orang	]		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	31/08/22	Daily during discharge	Conductivity	287	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 23/07/2022 in
		Daily during discharge	рН	7.3	рН	response to
		Daily during discharge	Total Suspended Solids	20	mg/L	uncontrolled
		Daily during discharge	Turbidity	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	
		Daily during discharge	рH	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	31,00,22	Daily during discharge	Oil and Grease	0.2	mg/L	on 22/07/2022 in
		Daily during discharge	pH	7.4	pH	response to
		Daily during discharge	Total Suspended Solids	8.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	23	IIIg/ L	discharge. Due to
		Daily during discharge	Turblaity	23		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	329	μS/cm	Sampling undertaken
Point 9	-, -,	Daily during discharge	Oil and Grease	0.3	mg/L	on 22/07/2022 in
		Daily during discharge	pH	7.4	pH	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	31,00,22	Daily during discharge	Oil and Grease	0.3	mg/L	on 22/07/2022 in
		Daily during discharge	pH	8.4	pH	response to
		Daily during discharge	Total Suspended Solids	6.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	36	NTU	discharge.
		Daily during discharge	Tarbiaity	30	1110	0 -
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	μ3/cm KL/day	discharge initiated
Foilit			Oil and Grease	ND		discharge initiated
		Daily during discharge		<b>+</b>	mg/L	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
Monitoria	10/00/22	Daily during discharge	Turbidity	ND 217	NTU us/sm	Complinede::+-1
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	pH	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
					NITI	high groundwater
					NTU	table dewatering of

		Dunmore Quarry	Environmental Monit		ort	
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	458	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 21/07/2022 in
		Daily during discharge	рН	8.1	рН	response to
		Daily during discharge	Total Suspended Solids	132	mg/L	uncontrolled
		Daily during discharge	Turbidity	220	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 21/07/2022 in
		Daily during discharge	рН	8.2	pН	response to
		Daily during discharge	Total Suspended Solids	13	mg/L	uncontrolled
		Daily during discharge	Turbidity	36	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	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	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	рН	7.0	pН	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
						Lower Dam is not
					NTU	possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	347	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/07/2022 in
		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.
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	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	рН	7.3	pН	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
					NITLI	high groundwater
				j	NTU	table dewatering of

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	348	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 19/07/2022 in
		Daily during discharge	рН	7.2	рН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled
		Daily during discharge	Turbidity	10	NTU	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	pH	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	8	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	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	pН	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	рH	7.2	pН	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	рH	8.2	pН	response to
		Daily during discharge	Total Suspended Solids	8.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	37	NTU	discharge.
		T	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	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		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	рН	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
					NTU	table dewatering of

Г		Dunmore Quarry	Environmental Monit		ort	_
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	335	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 17/07/2022 in
		Daily during discharge	рН	7.1	рН	response to
		Daily during discharge	Total Suspended Solids	15	mg/L	uncontrolled
		Daily during discharge	Turbidity	15	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	рН	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 ND	μ3/cm KL/day	discharge initiated
roint o		Daily during discharge	Oil and Grease	ND ND	mg/L	discharge initiated
					_	-
		Daily during discharge	pH	ND	pH	<u> </u>
		Daily during discharge	Total Suspended Solids	ND	mg/L	<u> </u>
N.A it i	40/00/22	Daily during discharge	Turbidity	ND	NTU	Canadia a condentation
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	pH	8.1	pH	response to uncontrolled
		Daily during discharge	Total Suspended Solids	100	mg/L	discharge. Due to
		Daily during discharge	Turbidity	150		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	рН	7.0	pH	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	20,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 16/07/2022 in
		Daily during discharge	рН	8.0	pH	response to
		Daily during discharge	Total Suspended Solids	20	mg/L	uncontrolled
		Daily during discharge	Turbidity	40	NTU	discharge.
					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	-
	40/00/55	Daily during discharge	Turbidity	ND	NTU	6 11 1 1
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	pH	7.9	pН	response to
		Daily during discharge	Total Suspended Solids	124	mg/L	uncontrolled
		Daily during discharge	Turbidity	15		discharge. Due to
						higher than average monthly rainfall and
						high groundwater
					NTU	table dewatering of
			1	1	1110	Labic acwatching of

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	312	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 15/07/2022 in
		Daily during discharge	рН	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	8.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	12	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	рН	8.5	pН	response to
		Daily during discharge	Total Suspended Solids	21	mg/L	uncontrolled
		Daily during discharge	Turbidity	45	NTU	discharge.
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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	1
		Daily during discharge	рН	ND	pН	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	1
Monitoring	10/08/22	Daily during discharge	Conductivity	312	μS/cm	Sampling undertaken
Point 7	10,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 14/07/2022 in
		Daily during discharge	pH	7.3	pH	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled
		Daily during discharge	Turbidity	19	1116/ -	discharge. Due to
		Daily during discharge	Tarbiarcy	15		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	рН	7.2	pН	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	pH	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled
		Daily during discharge	Turbidity	36	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	pH	ND	pH	1
		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	10,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 13/07/2022 in
. 5		Daily during discharge	pH	7.3	рН	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled
		Daily during discharge	Turbidity	36	IIIg/L	discharge. Due to
		Pany during discharge	raibidity	30		higher than average
						monthly rainfall and
						high groundwater
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		Dunmore Quarry	Environmental Monit		ort	_
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	277	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 13/07/2022 in
		Daily during discharge	рН	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	9.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	13	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	рН	8.0	pН	response to
		Daily during discharge	Total Suspended Solids	17	mg/L	uncontrolled
		Daily during discharge	Turbidity	42	NTU	discharge.
N 4 a mila mina m		Daile denina diadana	Canadicaticity	ND		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	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	pH	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	20,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 12/07/2022 in
		Daily during discharge	рН	7.7	pH	response to
		Daily during discharge	Total Suspended Solids	19	mg/L	uncontrolled
		Daily during discharge	Turbidity	40	NTU	discharge.
				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	
		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	pН	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
					NTU	
İ					INTO	table dewatering of

I I		Dunmore Quarry	Environmental Monit		ort	_
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	236	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 11/07/2022 in
		Daily during discharge	рН	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	189	mg/L	uncontrolled
		Daily during discharge	Turbidity	25	NTU	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	pH	7.7	рН	response to
		Daily during discharge	Total Suspended Solids	33	mg/L	uncontrolled
		Daily during discharge	Turbidity	38	NTU	discharge.
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
FOILE		Daily during discharge	Oil and Grease	ND ND	mg/L	discharge miliated
		Daily during discharge	pH	ND		-
		Daily during discharge  Daily during discharge	Total Suspended Solids	ND ND	pH mg/L	1
		Daily during discharge	·	ND ND	NTU	-
Monitoring	10/08/22	Daily during discharge	Turbidity	1		Sampling undertaken
Monitoring Point 7	10/08/22	Daily during discharge	Conductivity	256	μS/cm	on 10/07/2022 in
POINT /		Daily during discharge  Daily during discharge	Oil and Grease	<0.1 7.1	mg/L pH	response to
		Daily during discharge	Total Suspended Solids	43	-	uncontrolled
		Daily during discharge	Turbidity	60	mg/L	discharge. Due to
		Daily during discharge	Turbialty	00		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		Daily during discharge	Oil and Grease	<0.1	mg/L	on 10/07/2022 in
		Daily during discharge	рН	6.8	рН	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		Daily during discharge	Oil and Grease	<0.1	mg/L	on 10/07/2022 in
		Daily during discharge	рН	8.0	рН	response to
		Daily during discharge	Total Suspended Solids	17	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 ND	κL/day	discharge initiated
. Onle O		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	-
		Daily during discharge	Turbidity	ND ND	NTU	1
Monitoring	10/08/22	Daily during discharge	Conductivity	428	μS/cm	Sampling undertaken
Point 7	10,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 9/07/2022 in
. 5		Daily during discharge	pH	7.7	рН	response to
		Daily during discharge	Total Suspended Solids	86	mg/L	uncontrolled
		Daily during discharge	Turbidity	120	1115/ L	discharge. Due to
		Duny during discharge	Tarbiarcy	120		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	10/08/22	Daily during discharge	Conductivity	261	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 9/07/2022 in
		Daily during discharge	pН	6.9	рН	response to
		Daily during discharge	Total Suspended Solids	18	mg/L	uncontrolled
		Daily during discharge	Turbidity	17	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	рH	8.1	pН	response to
		Daily during discharge	Total Suspended Solids	16	mg/L	uncontrolled
		Daily during discharge	Turbidity	39	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	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	410	μS/cm	Sampling undertaken
Point 7	10/08/22		· ·	+		on 8/07/2022 in
POIIIL /		Daily during discharge	Oil and Grease	<0.1	mg/L	response to
		Daily during discharge	pH	8.0	pH	uncontrolled
		Daily during discharge	Total Suspended Solids	122	mg/L	discharge. Due to
		Daily during discharge	Turbidity	150		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	10/00/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 8/07/2022 in
1 Ollit 3		Daily during discharge	pH	8.3	pH	response to
		Daily during discharge	Total Suspended Solids	6.5		uncontrolled
		Daily during discharge	•	35	mg/L NTU	discharge.
N.A. mita nina	10/08/22		Turbidity	+		
Monitoring Point 10	10/08/22	Daily during discharge	Conductivity	204	μS/cm	Sampling undertaken on 8/07/2022 in
POIIIL 10		Daily during discharge	Oil and Grease	<0.1	mg/L	response to
		Daily during discharge	pH	7.1	pH	uncontrolled
		Daily during discharge	Total Suspended Solids	21	mg/L	discharge.
		Daily during discharge	Turbidity	16	NTU	discriarge.
N4		Dath donte: 19 1	Complements du	N.D.		No sectorally 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	 <del> </del>
		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	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	pH	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
					NTU	table dewatering of

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						Lower Dam is not possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	369	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 7/07/2022 in
		Daily during discharge	pН	8.1	рН	response to
		Daily during discharge	Total Suspended Solids	4.5	mg/L	uncontrolled
		Daily during discharge	Turbidity	32	NTU	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	pH	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	7	mg/L	uncontrolled
		Daily during discharge	Turbidity	25	NTU	discharge.
N 4 i+ i		Dath domina diadaasa	Constitution.	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	-
		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	pН	response to
		Daily during discharge	Total Suspended Solids	14 24	mg/L	uncontrolled discharge. Due to
		Daily during discharge	Turbidity	- 1	NTU	higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Monitoring	10/08/22	Daily during discharge	Conductivity	368	μS/cm	Sampling undertaken
Point 9	10,00,12	Daily during discharge	Oil and Grease	<0.1	mg/L	on 6/07/2022 in
. 0		Daily during discharge	pH	8.2	pH	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	10/08/22	Daily during discharge	Oil and Grease	<0.1		on 6/07/2022 in
roint 10		Daily during discharge	pH	7.4	mg/L	response to
		Daily during discharge	Total Suspended Solids	17	pH mg/l	uncontrolled
		Daily during discharge	Turbidity	25	mg/L NTU	discharge.
		Daily during discharge	June 2022	23	NIO	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	1
		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	pH	and an according to the control of t
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	22/06/22	Daily during discharge	Conductivity	483	μS/cm	Monthly Sampling
Point 8	22/00/22	Daily during discharge	Oil and Grease	<0.1		23/06/2022
FUIIL O				1	mg/L	23/00/2022
		Daily during discharge	pH	8.2	pH	-
		Daily during discharge	Total Suspended Solids	62	mg/L	

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
	Received	Daily during discharge	Turbidity	75	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
		Daily during discharge	рН	ND	pН	J
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
	<u>'</u>	, 5	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	J
		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	0,00,000	Daily during discharge	Oil and Grease	<0.1	mg/L	on 25/05/2022 in
		Daily during discharge	рН	7.1	pH	response to
		Daily during discharge	Total Suspended Solids	13	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	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	pH	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	pH	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	pH	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	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	pH	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	17	mg/L	uncontrolled
		Daily during discharge	Turbidity	21		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NITII	Lower Dam is not
Monitorina	E/07/2022	Daily during discharge	Conductivity	222	NTU us/cm	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 response to
		Daily during discharge	pH	6.8	pH	uncontrolled discharge
		Daily during discharge	Total Suspended Solids	18	mg/L	ancontrolled discharge
		Daily during discharge	Turbidity	17	NTU	

	D-4-	Duffillore Quarry	Environmental Monit		וונ	Community
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
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
		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	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
1 Offic o		Daily during discharge	Oil and Grease	ND ND	mg/L	alsenarge initiated
		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	5/07/2022	Daily during discharge	Conductivity	209	μS/cm	Sampling undertaken
Point 7	3/07/2022	Daily during discharge	Oil and Grease	<0.1	-	on 23/05/2022 in
1 Offic 7		Daily during discharge	pH	7.0	mg/L	response to
		Daily during discharge	Total Suspended Solids	35	pH mg/L	uncontrolled
		Daily during discharge	Turbidity	40	IIIg/L	discharge. Due to
		Daily during discharge	Turbialty	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	рН	response to
		Daily during discharge	Total Suspended Solids	16	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	28	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	J
		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	469	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/05/2022 in
		Daily during discharge	рН	7.8	pН	response to
		Daily during discharge	Total Suspended Solids	81	mg/L	uncontrolled
		Daily during discharge	Turbidity	120	- Oi	discharge. Due to
		, , ,	,			higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
						possible.
NA 11 1	E /07 /0555	D 11 1 1 1 1 1 1	0 1 11 11	225	NTU	6 1 1 1 1
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	pH	7.0	рН	

	Date	Dunmore Quarry		Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	Comment
		Daily during discharge	Total Suspended Solids	32	mg/L	response to
		Daily during discharge	Turbidity	15	NTU	uncontrolled discharge
Monitoring	5/07/2022	Daily during discharge	Conductivity	420	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/05/2022 in
		Daily during discharge	рН	8.1	рН	response to
		Daily during discharge	Total Suspended Solids	15	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	39	NTU	
N 4 it i		Dath double dischause	Canada astritu	ND		Nia a a satura Hard
Monitoring		Daily during discharge	Conductivity Flow	ND	μS/cm	No controlled
Point 6		Daily during discharge		ND ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH Total Suspended Solids	ND ND	pH	-
		Daily during discharge	Total Suspended Solids	ND	mg/L	
NA it i	2/05/22	Daily during discharge	Turbidity	ND 45.4	NTU	Canadiaaaaalaatalaaa
Monitoring	3/06/22	Daily during discharge	Conductivity	454	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 19/05/2022 in
		Daily during discharge	pH	7.9	pН	response to
		Daily during discharge	Total Suspended Solids	116	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
					NTU	possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	332	μS/cm	Sampling undertaken
Point 9	3,00,==	Daily during discharge	Oil and Grease	<0.1	mg/L	on 19/05/2022 in
		Daily during discharge	pH	7.1	pH	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	
		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 /0 0 /0 0	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	pН	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	3,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 18/05/2022 in
. Onle J		Daily during discharge	pH	7.1	pH	response to
		Daily during discharge	Total Suspended Solids	28	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	8.4	NTU	- Institution and another ge
<u> </u>	]	Pany during discharge	Tarbiaity	0.4	INIO	]

		Duffillore Quarry	Environmental Monit		JI L	
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
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
		Daily during discharge	рН	8.1	рН	response to
		Daily during discharge	Total Suspended Solids	28	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	35	NTU	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND	KL/day	discharge initiated
1 ome o		Daily during discharge	Oil and Grease	ND	mg/L	alsenarge initiated
		Daily during discharge	pH	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	449	μS/cm	Sampling undertaken
Point 7	3/00/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 17/05/2022 in
1 Oille 7		Daily during discharge	pH	7.8	рH	response to
		Daily during discharge	Total Suspended Solids	100	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	303	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 17/05/2022 in
		Daily during discharge	рН	7.2	pН	response to
		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		Daily during discharge	Oil and Grease	<0.1	mg/L	on 17/05/2022 in
		Daily during discharge	рH	8.1	pН	response to
		Daily during discharge	Total Suspended Solids	19	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	35	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	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	296	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 16/05/2022 in
		Daily during discharge	рН	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	10	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	3/06/22	Daily during discharge	Conductivity	297	μS/cm	Sampling undertaken
Point 9	-, -,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 16/05/2022 in
		Daily during discharge	pH	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	6.5	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	6.9	NTU	
	3/06/22	Daily during discharge	Conductivity	424	μS/cm	
	3,00,22	Lany daring discharge	Contadoctivity	747	μυ/ στι	<u> </u>

		Duffillore Quarry	Environmental Monit		) (	
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	pН	8.2	рН	on 16/05/2022 in
		Daily during discharge	Total Suspended Solids	12	mg/L	response to
		Daily during discharge	Turbidity	27	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	alsonarge initiated
		Daily during discharge	pH	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	315	μS/cm	Sampling undertaken
Point 7	3,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 15/05/2022 in
		Daily during discharge	pH	6.8	pH	response to
		Daily during discharge	Total Suspended Solids	21	mg/L	uncontrolled
		Daily during discharge	Turbidity	29	1116/ L	discharge. Due to
		Daily during discharge	Tarbiancy	23		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	pH	6.8	рН	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	pH	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	12	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	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	рH	7.6	pН	response to
		Daily during discharge	Total Suspended Solids	90	mg/L	uncontrolled
		Daily during discharge	Turbidity	160		discharge. Due to
		, , ,	,			higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NITLI	Lower Dam is not
Monitoring	3/06/22	Daily during discharge	Conductivity	247	NTU μS/cm	possible. Sampling undertaken
Point 9	3,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 14/05/2022 in
. 5 5		Daily during discharge	pH	7.1	pH	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	3,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 14/05/2022 in
. 51111 10		pany during discharge	On and Orease	,O.1	1118/ L	011 17/00/2022 111

	Date			Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	
		Daily during discharge	рН	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	12	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	32	NTU	
			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	
	2/05/22	Daily during discharge	Turbidity	ND	NTU	6 1: 1 1
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	pH	response to uncontrolled
		Daily during discharge	Total Suspended Solids	15	mg/L	discharge. Due to
		Daily during discharge	Turbidity	35		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	192	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 13/05/2022 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	32	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 13/05/2022 in
		Daily during discharge	рН	8.2	pН	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	31	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 OIIIC 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	3/06/22	Daily during discharge	Conductivity	250	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 12/05/2022 in
		Daily during discharge	рН	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	20	mg/L	uncontrolled
		Daily during discharge	Turbidity	32		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NITLI	Lower Dam is not
Monitoring	3/06/22	Daily during discharge	Conductivity	217	NTU μS/cm	possible. Sampling undertaken
Point 9	3,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 12/05/2022 in
. 5 5		Daily during discharge	pH	6.9	рН	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	5, 55, 22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 12/05/2022 in
<b>5</b>		Daily during discharge	pH	8.0	pH	
			r		F.,	1

Location	Date	Monitoring Frequency	Pollutant	Measure	Unit	Comment
	Received			ment		reconnecte
		Daily during discharge  Daily during discharge	Total Suspended Solids Turbidity	5.5 21	mg/L NTU	response to uncontrolled discharge
		Daily during discharge	Turbluity	21	NIO	dicontrolled 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	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
		Daily during discharge	pH	8.0	рН	response to
		Daily during discharge	Total Suspended Solids	293	mg/L	uncontrolled
		Daily during discharge	Turbidity	600		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	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	рН	7.2	рН	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	pН	8.1	рН	response to
		Daily during discharge	Total Suspended Solids	3	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	19	NTU	
			6 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  Daily during discharge	Oil and Grease	ND ND	mg/L	
		Daily during discharge  Daily during discharge	pH Total Suspended Solids	ND ND	pH mg/L	
		Daily during discharge	Turbidity	ND 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
		Daily during discharge	pH	8.1	pH	response to
		Daily during discharge	Total Suspended Solids	293	mg/L	uncontrolled
		Daily during discharge	Turbidity	400	6/ =	discharge. Due to
		, ,	,			higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
						Lower Dam is not
N / = := !+ = ::*	2/06/22	Daile desire - di 1	Conductivity	422	NTU C./area	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 10/05/2022 in response to
		Daily during discharge	pH Total Suspended Solids	7.3	pH mg/l	uncontrolled discharge
		Daily during discharge	Total Suspended Solids	4.5 6.2	mg/L	ancontrolled discharge
Monitoring	3/06/22	Daily during discharge  Daily during discharge	Turbidity Conductivity	460	NTU μS/cm	Sampling undertaken
Point 10	3/00/22	Daily during discharge  Daily during discharge	Oil and Grease	<0.1		on 10/05/2022 in
i Onit 10		Daily during discharge  Daily during discharge	pH	8.0	mg/L pH	response to
		Daily during discharge	Total Suspended Solids	3.5	mg/L	uncontrolled discharge
		pany during discharge	Total Juspellueu Julius	ر.ر	1118/ L	I

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Location	Date	Monitoring Frequency	Pollutant	Measure	Unit	Comment
200011011	Received			ment		
		Daily during discharge	Turbidity	14	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
1 OIIIC O		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	3/06/22	Daily during discharge	Conductivity	457	μS/cm	Sampling undertaken
Point 7	3,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 9/05/2022 in
		Daily during discharge	рН	7.4	pH	response to
		Daily during discharge	Total Suspended Solids	25	mg/L	uncontrolled
		Daily during discharge	Turbidity	38	6/ -	discharge. Due to
		bany daring disentinge	Tar Sidicy	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	438	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 9/05/2022 in
		Daily during discharge	pH	7.0	pН	response to
		Daily during discharge	Total Suspended Solids	13	mg/L	uncontrolled discharge
	- / /	Daily during discharge	Turbidity	18	NTU	
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	pН	response to uncontrolled discharge
		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	J
		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	рН	response to
		Daily during discharge	Total Suspended Solids	57	mg/L	uncontrolled
		Daily during discharge	Turbidity	90		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NTU	Lower Dam is not possible.
Monitoring	3/06/22	Daily during discharge	Conductivity	435	μS/cm	Sampling undertaken
Point 9	3,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 8/05/2022 in
. 5		Daily during discharge	pH	7.3	pH	response to
		Daily during discharge	Total Suspended Solids	5	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	18	NTU	1
Monitoring	3/06/22	Daily during discharge	Conductivity	459	μS/cm	Sampling undertaken
Point 10	-, 00, 22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 8/05/2022 in
		Daily during discharge	pH	8.2	pH	response to
		Daily during discharge	Total Suspended Solids	8	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	29	NTU	1
						1

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6			Flow	ND ND	κL/day	discharge initiated
POINT 0		Daily during discharge  Daily during discharge	Oil and Grease	ND ND		discharge illitiated
		Daily during discharge  Daily during discharge	pH	ND ND	mg/L pH	-
		Daily during discharge	Total Suspended Solids	ND ND		-
		Daily during discharge	Turbidity	ND ND	mg/L NTU	-
Monitoring	3/06/22	Daily during discharge	Conductivity	422	μS/cm	Sampling undertaken
Point 7	3/00/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 7/05/2022 in
FOIIIC /		Daily during discharge	pH	7.7	pH	response to
		Daily during discharge	Total Suspended Solids	7.7	mg/L	uncontrolled
		Daily during discharge	Turbidity	85	IIIg/L	discharge. Due to
		Daily during discharge	Turblatty	83		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
	0.100.100	Daily during discharge	Turbidity	22	NTU	0 1 1 1
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	pH	response to
		Daily during discharge	Total Suspended Solids	3.5	mg/L	uncontrolled discharge
		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
		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	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
		Daily during discharge	Turbidity	80		discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not
Monitoring	3/06/22	Daily during discharge	Conductivity	418	NTU μS/cm	possible. Sampling undertaken
Point 9	3,00,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 6/05/2022 in
. 5 5		Daily during discharge	pH	7.2	pH	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  Daily during discharge	Conductivity	454	μS/cm	Sampling undertaken
Point 10	3/00/22	Daily during discharge	Oil and Grease	<0.1	-	on 6/05/2022 in
LOUIL TO					mg/L	response to
		Daily during discharge	pH Total Suspended Solids	8.2	pH mg/l	uncontrolled discharge
		Daily during discharge		21	mg/L	ancontrolled discharge
		Daily during discharge	Turbidity	9.3	NTU	

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
Monitoring	Received	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	3/06/22	Daily during discharge	Conductivity	391	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 5/05/2022 in
		Daily during discharge	рН	7.2	pН	response to
		Daily during discharge	Total Suspended Solids	15	mg/L	uncontrolled
		Daily during discharge	Turbidity	13	<u> </u>	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	417	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 5/05/2022 in
		Daily during discharge	pH	7.1	pH	response to
		Daily during discharge	Total Suspended Solids	9	mg/L	uncontrolled discharge
Manitaria	2/06/22	Daily during discharge	Turbidity	3	NTU	Campling undortalian
Monitoring Point 10	3/06/22	Daily during discharge	Conductivity	462	μS/cm	Sampling undertaken on 5/05/2022 in response to
		Daily during discharge	Oil and Grease	<0.1	mg/L	
		Daily during discharge	pH	8.4	pH	uncontrolled discharge
		Daily during discharge	Total Suspended Solids	9	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	10	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	J
		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	524	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 4/05/2022 in
		Daily during discharge	рН	7.8	pН	response to
		Daily during discharge	Total Suspended Solids	54	mg/L	uncontrolled
		Daily during discharge	Turbidity	90		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NIT!!	Lower Dam is not
N.A it i	2/05/22	Daile desire diades	Constructivity	402	NTU	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 4/05/2022 in response to
		Daily during discharge	pH Total Suspended Solids	7.1	pH mg/l	uncontrolled discharge
		Daily during discharge	Total Suspended Solids Turbidity	10 2.5	mg/L NTU	ancontrolled discharge
Monitoring	3/06/22	Daily during discharge	•	448		Sampling undertaken
Monitoring Point 10	5/00/22	Daily during discharge	Conductivity		μS/cm	Sampling undertaken
POILLE TO		Daily during discharge	Oil and Grease	<0.1	mg/L	on 4/05/2022 in response to
		Daily during discharge	pH Total Suspended Solids	8.2	pH mg/l	uncontrolled discharge
		Daily during discharge	Total Suspended Solids	11	mg/L	ancontrolled discharge
		Daily during discharge	Turbidity	11	NTU	
		Daily during discharge	Conductivity	ND	μS/cm	
		,	1		F ,	l

		Date	Buillione Quarry	Environmental Monit	Measure		Comment
Daily during discharge   Diand Grease   ND   mg/L	Location		Monitoring Frequency	Pollutant		Unit	Comment
Monitoring   3/06/22   Daily during discharge   Daily during discharg	Monitoring		Daily during discharge	Flow	ND	KL/day	
Daily during discharge   Daily during discha	Point 6		Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
Daily during discharge   Daily during discha			Daily during discharge	рН	ND	рН	
Monitoring Point 7   Monitoring Point 7   Daily during discharge   Turbidity   S8   Daily during discharge   Daily dur			Daily during discharge	Total Suspended Solids	ND	mg/L	
Daily during discharge   Daily during disch			Daily during discharge	Turbidity	ND	NTU	
Daily during discharge   Daily during discharge   Turbidity   Response to unigher than average monthly rainfall and high groundwater table dewatering of Lower Daily during discharge   Daily dur	Monitoring	3/06/22	Daily during discharge	Conductivity	507	μS/cm	Sampling undertaken
Daily during discharge   Total Suspended Solids   60 mg/L	Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	<u> </u>
Daily during discharge   Turbidity   S5			Daily during discharge	рН	7.9	рН	<u> </u>
Monitoring   3/06/22   Daily during discharge   Daily during discharg			Daily during discharge	Total Suspended Solids	60	mg/L	
Monitoring Point 9   Daily during discharge   Conductivity   410   µ5/cm   Sampling undertaken   Daily during discharge   Daily during discharge   Daily during discharge   Daily during discharge   Total Suspended Solids   27 mg/L   uncontrolled discharge   Daily during discharge   Daily during discharge   Total Suspended Solids   27 mg/L   uncontrolled discharge   Daily during discharge   Da			Daily during discharge	Turbidity	85		higher than average monthly rainfall and high groundwater
Monitoring Point 9   Point 10   Point 9   Point						NTU	Lower Dam is not
Point 9   Daily during discharge   Pi	Monitoring	3/06/22	Daily during discharge	Conductivity	410		•
Daily during discharge   PH   Total Suspended Solids   27 mg/L	_	3,00,22		·		_	- · · · · ·
Daily during discharge   Total Suspended Solids   27 mg/L   Uncontrolled discharge   Daily during discharge   Conductivity   448 μ/ς/cm   On 3/05/2022 in response to uncontrolled discharge   Daily during discharge   Da	. 5						
Daily during discharge   Turbidity   7.9   NTU				• •			
Monitoring Point 10				·			
Point 10   Daily during discharge   Total Suspended Solids   9 mg/L   Daily during discharge   Turbidity   10 NTU   Daily during discharge   Daily during discharge   Pl ND	Monitoring	3/06/22		•			Sampling undertaken
Daily during discharge   Daily during discharge   Turbidity   Daily during discharge   Turbidity   Daily during discharge   Daily during dischar		3/00/22		•		-	- · · · ·
Daily during discharge   Total Suspended Solids   9 mg/L	1 01110 10						
Daily during discharge   Turbidity   10 NTU				•		-	<u> </u>
Monitoring Point 6   Daily during discharge   Flow   ND   μS/cm   ND   MI   MI   MI   MI   MI   MI   MI   M				·			- ancontrolled discharge
Point 6         Daily during discharge Daily during discha			Daily during discharge	Turbialty	10	NIO	
Point 6         Daily during discharge Daily during discha	Monitoring		Daily during discharge	Conductivity	ND	uS/cm	No controlled
Daily during discharge   Daily during disch	_			·		• •	
Daily during discharge   Daily during discharge   Daily during discharge   Total Suspended Solids   ND   mg/L	1 OIIIC O						discharge initiated
Daily during discharge   Total Suspended Solids   ND   mg/L							-
Daily during discharge   Turbidity   ND   NTU							-
Monitoring Point 7   Point 9   Point 10   Point 10   Point 10   Point 10   Point 10   Point 9   Point 10				· ·			-
Point 7         Daily during discharge       Oil and Grease       <0.1       mg/L response to uncontrolled discharge. Daily during discharge         Daily during discharge       Total Suspended Solids       53       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       3/06/22       Daily during discharge       Conductivity       393       μS/cm       Sampling undertaken on 2/05/2022 in response to uncontrolled discharge on 2/05/2022 in response to uncontrolled discharge         Monitoring Point 10       3/06/22       Daily during discharge       Total Suspended Solids       15       mg/L response to uncontrolled discharge         Monitoring Daily during discharge       Turbidity       5.3       NTU         Monitoring Daily during discharge       Conductivity       454       μS/cm       Sampling undertaken on 2/05/2022 in response to uncontrolled discharge         Point 10       Daily during discharge       Oil and Grease       <0.1	Monitoring	3/06/22		•			Sampling undertaken
Daily during discharge   Daily during discharge   Daily during discharge   Total Suspended Solids   53 mg/L   Daily during discharge   Turbidity   80   Daily during discharge   Turbidity   80   Daily during discharge   Turbidity   80   Daily during discharge   Turbidity   Daily during discharge   Turbidity   Daily during discharge   Daily during discharge   Turbidity   Daily during discharge   Daily during discharge   Turbidity   Daily during discharge	_	3/00/22		·		-	- · · · ·
Daily during discharge   Total Suspended Solids   53   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   Daily during discharge   Total Suspended Solids   15   mg/L   Daily during discharge   Daily during discharge   Daily during discharge   Daily during discharge   Turbidity   S.3   NTU	1 Offic 7						
Daily during discharge  Daily during discharge  Turbidity  Bound discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.  Daily during discharge  Point 9  Daily during discharge				•			
Monitoring Point 9   Monitoring Point 10   Monitoring Point 10   Monitoring Point 10   Monitoring Point 10   Monitoring Point 9   Daily during discharge   Total Suspended Solids   15   mg/L   m						IIIg/L	
Point 9Daily during discharge Daily during dischargeOil and Grease<0.1mg/L 7.1on 2/05/2022 in response to uncontrolled dischargeMonitoring Point 103/06/22Daily during discharge Daily during dischargeTurbidity5.3NTUMonitoring Point 103/06/22Daily during discharge Daily during dischargeConductivity Oil and Grease454     Oil and Grease454     Oil and GreaseSampling undertaken on 2/05/2022 in response to uncontrolled dischargeDaily during discharge Daily during dischargeTotal Suspended Solids Turbidity15 13mg/L NTUuncontrolled dischargeMonitoringDaily during dischargeConductivityNDμS/cmNo controlled				Tarbiatty	50	NTU	higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Daily during discharge   pH   7.1   pH   response to uncontrolled discharge   Daily during discharge   Turbidity   5.3   NTU		3/06/22	Daily during discharge	Conductivity	393	μS/cm	-
Daily during discharge   Total Suspended Solids   15   mg/L   uncontrolled discharge	Point 9		Daily during discharge		<0.1	mg/L	
Daily during discharge Turbidity 5.3 NTU  Monitoring Point 10  Daily during discharge Conductivity 454 μS/cm Daily during discharge Oil and Grease <0.1 mg/L On 2/05/2022 in response to Unity during discharge Daily during discharge Total Suspended Solids 15 mg/L Daily during discharge Turbidity 13 NTU  Monitoring Daily during discharge Conductivity ND μS/cm No controlled			Daily during discharge		7.1	рН	<u> </u>
Monitoring Point 10       3/06/22       Daily during discharge Daily during discharge       Conductivity       454 μS/cm       Sampling undertaken on 2/05/2022 in response to uncontrolled discharge         Daily during discharge Daily during discharge Daily during discharge       Total Suspended Solids Daily during discharge       15 mg/L NTU       NTU         Monitoring       Daily during discharge       Conductivity       ND μS/cm       No controlled			Daily during discharge	Total Suspended Solids	15	mg/L	uncontrolled discharge
Point 10       Daily during discharge       Oil and Grease       <0.1       mg/L       on 2/05/2022 in response to uncontrolled discharge         Daily during discharge       Total Suspended Solids       15       mg/L       uncontrolled discharge         Daily during discharge       Turbidity       13       NTU         Monitoring       Daily during discharge       Conductivity       ND       μS/cm       No controlled			Daily during discharge	Turbidity	5.3	NTU	
Daily during discharge   pH   8.3   pH   response to   uncontrolled discharge   Daily during discharge   Total Suspended Solids   15   mg/L   uncontrolled discharge   Daily during discharge   Turbidity   13   NTU	_	3/06/22	Daily during discharge	Conductivity	454	μS/cm	- · · · · ·
Daily during discharge     Total Suspended Solids     15     mg/L     uncontrolled discharge       Daily during discharge     Turbidity     13     NTU       Monitoring     Daily during discharge     Conductivity     ND     μS/cm     No controlled	Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	
Daily during discharge Turbidity 13 NTU  Monitoring Daily during discharge Conductivity ND μS/cm No controlled			Daily during discharge		8.3	рН	
Daily during discharge     Turbidity     13     NTU       Monitoring     Daily during discharge     Conductivity     ND     μS/cm     No controlled			Daily during discharge	Total Suspended Solids	15	mg/L	uncontrolled discharge
						_	<u> </u>
	Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
	Point 6			Flow	ND	KL/day	discharge initiated

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		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	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	рН	7.4	рН	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		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	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

Location	Date	Monitoring Frequency	Pollutant	Measure	Unit	Comment
	Received	Daily during discharge	Turbidity	ment 13	NTU	
Monitoring	3/06/22	Daily during discharge	Conductivity	427	μS/cm	Sampling undertaken
Point 10	3/00/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 30/04/2022 in
10111110		Daily during discharge	pH	7.7	pH	response to
		Daily during discharge	Total Suspended Solids	15	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	26	NTU	,
			1 3. 3. 3. 4. 7			
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	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	pН	7.9	рН	response to
		Daily during discharge	Total Suspended Solids	110	mg/L	uncontrolled
		Daily during discharge	Turbidity	36		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	366	μS/cm	Sampling undertaken
Point 9	3, 33, ==	Daily during discharge	Oil and Grease	<0.1	mg/L	on 29/04/2022 in
		Daily during discharge	рН	7.1	pH	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	pН	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	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	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	pH	7.1	pН	response to
		Daily during discharge	Total Suspended Solids	51	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.
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	pН	response to
		Daily during discharge	Total Suspended Solids	17	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	20	NTU	

Г		Duffillore Quarry	Environmental Monit			
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
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
		Daily during discharge	pН	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	9	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
1 Oille O		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	3/06/22	Daily during discharge	Conductivity	368	μS/cm	Sampling undertaken
Point 7	3/00/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/04/2022 in
1 Oille 7		Daily during discharge	pH	7.1	рH	response to
		Daily during discharge	Total Suspended Solids	12	mg/L	uncontrolled
		Daily during discharge	Turbidity	30	1116/ -	discharge. Due to
		Daily during discharge	Turbialty	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	рН	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	рН	7.3	рН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	20	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	
	- / /	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	pH	7.0	pH	response to uncontrolled
		Daily during discharge	Total Suspended Solids	11	mg/L	discharge. Due to
		Daily during discharge	Turbidity	22		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	рН	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	12	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	15	NTU	1
	3/06/22	Daily during discharge	Conductivity	454	μS/cm	
		, , ,	i			1

l 1		Duffifiore Quarry	Environmental Monitoring Report			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	8.2	рН	on 26/04/2022 in
		Daily during discharge	Total Suspended Solids	11	mg/L	response to
		Daily during discharge	Turbidity	24	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	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	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	рН	6.9	pН	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
	- 1 1				NTU	possible.
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 25/04/2022 in
		Daily during discharge	рН	6.9	pН	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	pH	7.9	pH ,	response to
		Daily during discharge	Total Suspended Solids	8	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	27	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	506	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 24/04/2022 in
		Daily during discharge	pH	7.9	рН	response to
		Daily during discharge	Total Suspended Solids	315	mg/L	uncontrolled
		Daily during discharge	Turbidity	290		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	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	рН	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

Location	Date	Monitoring Frequency	Pollutant	Measure	Unit	Comment
Location	Received			ment		
		Daily during discharge	pH	7.8	pН	response to
		Daily during discharge	Total Suspended Solids	16	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	27	NTU	
		I = 11	I = 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	
	2/05/22	Daily during discharge	Turbidity	ND 250	NTU	6 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 uncontrolled discharge
		Daily during discharge	Total Suspended Solids	6	mg/L	uncontrolled discharge
	2/25/22	Daily during discharge	Turbidity	21	NTU	
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	
					0.1	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	
		Daily during discharge	pH	ND	pH ,	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
	2/05/22	Daily during discharge	Turbidity	ND	NTU	6 1: 1 1
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	pН	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled discharge
	2/05/22	Daily during discharge	Turbidity	22	NTU	6 1: 1 1
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	and on any of the contract of
		Daily during discharge	рН	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	-,,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 21/04/2022 in
<b>.</b>		Daily during discharge	pH	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	5, 55, 22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 21/04/2022 in
. 5 10		Daily during discharge	pH	8.6	рН	response to
		Daily during discharge	Total Suspended Solids	16	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	18	NTU	

		Duffillore Quarry	Environmental Monitoring Report			Comment
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	pН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	6/05/22	Daily during discharge	Conductivity	373	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/04/2022 in
		Daily during discharge	pН	7.6	рН	response to
		Daily during discharge	Total Suspended Solids	13	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	25	NTU	
Monitoring	6/05/22	Daily during discharge	Conductivity	489	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 20/04/2022 in
		Daily during discharge	рН	8.8	рН	response to
		Daily during discharge	Total Suspended Solids	15	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	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	
		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	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	рН	response to
		Daily during discharge	Total Suspended Solids	24	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	22/04/22	Daily during discharge	Conductivity	304	μS/cm	Sampling undertaken
Point 9	22/04/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 13/04/2022 in
1 omic 5		Daily during discharge	pH	7.0	pН	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	17	NTU	_ announce and ansomar go
Monitoring	22/04/22	Daily during discharge	Conductivity	496	μS/cm	Sampling undertaken
Point 10	22/04/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 13/04/2022 in
1 0 10		Daily during discharge	pH	8.2	pH	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	32	NTU	ancontrolled discharge
		Daily during discharge	Turbialty	32	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	pH	
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	
		Daily during discharge	Turbidity	ND 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	NTU	discharge. Due to
		1 - a a a a a bc	1			

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	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	pH	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	14	mg/L	uncontrolled discharge
N.A. mita wina	22/04/22	Daily during discharge	Turbidity	11	NTU	Campalina un dantalian
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 response to
		Daily during discharge	pH	8.4	pH	uncontrolled discharge
		Daily during discharge  Daily during discharge	Total Suspended Solids Turbidity	25 29	mg/L NTU	discinification discharge
		Daily during discharge	Tarbiaity	23	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	pН	
		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	pH	7.0	pН	response to
		Daily during discharge  Daily during discharge	Total Suspended Solids Turbidity	33 11	mg/L	uncontrolled discharge. Due to
					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	рH	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	pH	response to
		Daily during discharge	Total Suspended Solids	87	mg/L	uncontrolled discharge. Due to
		Daily during discharge	Turbidity	170	NTU	higher than average

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						monthly rainfall and high groundwater table dewatering of 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	pН	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	рH	8.4	pН	response to
		Daily during discharge	Total Suspended Solids	13	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	40	NTU	
		_	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	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	pH	6.8	рН	response to
		Daily during discharge	Total Suspended Solids	31	mg/L	uncontrolled discharge. Due to
					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	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	рН	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	Conductivity	495	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 9/04/2022 in
		Daily during discharge	рН	8.0	рН	response to
		Daily during discharge	Total Suspended Solids	30	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	45	NTU	
		D 11 1 1 1 1 1 1	To 1 1: 1:	1	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	
N.A ''	27/04/22	Daily during discharge	Turbidity	ND 225	NTU	Consulta
Monitoring	27/04/22	Daily during discharge	Conductivity	235	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 8/04/2022 in
		Daily during discharge	pH	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	25	mg/L	uncontrolled discharge. Due to
		Daily during discharge	Turbidity	37	NTU	higher than average monthly rainfall and

	Date		Environmental Monit	Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	ment	Unit	
						high groundwater
						table dewatering of
						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	pH	6.9	pН	response to
		Daily during discharge	Total Suspended Solids	22	mg/L	uncontrolled discharge
	27/24/22	Daily during discharge	Turbidity	26	NTU	0 11 1 1
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 response to
		Daily during discharge	pH	8.1	pH	uncontrolled discharge
		Daily during discharge	Total Suspended Solids Turbidity	32 50	mg/L NTU	discinarge
		Daily during discharge	Turbidity	50	NIO	
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	рН	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	27/04/22	Daily during discharge	Conductivity	380	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.1	mg/L	on 6/04/2022 in
		Daily during discharge	рН	7.0	рН	response to
		Daily during discharge	Total Suspended Solids	21	mg/L	uncontrolled
		Daily during discharge	Turbidity	25		discharge. Due to
						higher than average
						monthly rainfall and
						high groundwater
						table dewatering of
					NTU	Lower Dam is not possible.
Monitoring	27/04/22	Daily during discharge	Conductivity	327	μS/cm	Sampling undertaken
Point 9	27,01,22	Daily during discharge	Oil and Grease	0.1	mg/L	on 6/04/2022 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	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	рН	response to
		Daily during discharge	Total Suspended Solids	17	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	32	NTU	
			T	T	Τ .	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	
Manitari	27/04/22	Daily during discharge	Turbidity	ND 480	NTU C./area	Committee construct
Monitoring	27/04/22	Daily during discharge	Conductivity	480	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.1	mg/L	on 5/04/2022 in
		Daily during discharge	pH Total Suspended Solids	7.6	pH mg/l	response to uncontrolled
		Daily during discharge	Total Suspended Solids	51	mg/L	discharge. Due to
		Daily during discharge	Turbidity	65		higher than average
						monthly rainfall and
					NTU	high groundwater

Г		Dunmore Quarry	Environmental Monit		ort	T 2 .
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
						table dewatering of Lower Dam is not possible.
Monitoring	27/04/22	Daily during discharge	Conductivity	303	μS/cm	Sampling undertaken
Monitoring Point 9	27/04/22	Daily during discharge  Daily during discharge	Oil and Grease	0.1	mg/L	on 5/04/2022 in
FOIL 9		Daily during discharge	pH	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	21	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	65	NTU	directioned discharge
Monitoring	27/04/22	Daily during discharge	Conductivity	484	μS/cm	Sampling undertaken
Point 10	27/04/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 5/04/2022 in
101110 10		Daily during discharge	pH	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	16	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	9.7	NTU	- ancontrolled disolidinge
		Daily during discharge	Turblaity	3.7	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	pH	•
		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	рH	6.9	pН	response to
		Daily during discharge	Total Suspended Solids	24	mg/L	uncontrolled
		Daily during discharge	Turbidity	30	NTU	discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not possible.
Monitoring	27/04/22	Daily during discharge	Conductivity	280	μS/cm	Sampling undertaken
Point 9	_:, -:, -=	Daily during discharge	Oil and Grease	<0.1	mg/L	on 4/04/2022 in
		Daily during discharge	рН	7.0	pH	response to
		Daily during discharge	Total Suspended Solids	10	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	10	NTU	
Monitoring	27/04/22	Daily during discharge	Conductivity	485	μS/cm	Sampling undertaken
Point 10	, - ,	Daily during discharge	Oil and Grease	<0.1	mg/L	on 4/04/2022 in
		Daily during discharge	рH	8.1	pH	response to
		Daily during discharge	Total Suspended Solids	11	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	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	рН	response to
		Daily during discharge	Total Suspended Solids	33	mg/L	uncontrolled
		Daily during discharge	Turbidity	70		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	pH	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	
		, ,	,		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	1
		Daily during discharge	рH	ND	pН	
		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	27,01,22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 2/04/2022 in
		Daily during discharge	pH	7.5	pH	response to
		Daily during discharge	Total Suspended Solids	246	mg/L	uncontrolled
		Daily during discharge	Turbidity	260	1116/ -	discharge. Due to
		Daily during discharge	Tarbiarty	200		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	pH	7.1	рН	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		Daily during discharge	Oil and Grease	<0.1	mg/L	on 2/04/2022 in
		Daily during discharge	рН	7.9	pН	response to
		Daily during discharge	Total Suspended Solids	20	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	55	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	
		Daily during discharge	Total Suspended Solids	ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	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	рН	7.9	pH	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 95<sup>th</sup> *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	11t at L1 L 10 u	aily during discharge.	March 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	pH	
		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	На	7.3	pH	response to
		Daily during discharge	Total Suspended Solids	64	mg/L	uncontrolled
		Daily during discharge	Turbidity	106	6/ =	discharge. Due to
		Daily during discharge	Tarbiarty	100		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	рН	8.1	рН	response to
		Daily during discharge	Total Suspended Solids	24	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	48	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	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
		Daily during discharge	Turbidity	548	NTU	discharge. Due to

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	рН	8.1	pН	response to
		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	1
		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	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	рН	7.3	рН	response to
		Daily during discharge	Total Suspended Solids	28	mg/L	uncontrolled discharge. Due to
					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	192	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/03/2022 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	16	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	525	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 28/03/2022 in
		Daily during discharge	pH	8.2	рН	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	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	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
	00/01/5	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	pH	response to uncontrolled discharge
		Daily during discharge	Total Suspended Solids	7	mg/L	- ancontrolled discharge
		Daily during discharge	Turbidity	31	NTU	1

		Dunmore Quarry	Environmental Monit		ונ	
Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		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	рH	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	рН	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
						Lower Dam is not
					NTU	possible.
Monitoring	22/04/22	Daily during discharge	Conductivity	154	μS/cm	Sampling undertaken
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	on 26/03/2022 in
		Daily during discharge	рH	6.9	рН	response to
		Daily during discharge	Total Suspended Solids	17	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	26	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	520	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	<0.1	mg/L	on 26/03/2022 in
		Daily during discharge	pH	8.0	рН	response to
		Daily during discharge	Total Suspended Solids	2	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	27	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	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	pН	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	рН	response to
		Daily during discharge	Total Suspended Solids	2	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	23	NTU	_
I		, , , , , , , , , , , , , , , , , , , ,	/	<u>.                                    </u>		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	J
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	1
		Daily during discharge	Turbidity	ND	NTU	1
Monitoring	22/04/22	Daily during discharge	Conductivity	367	μS/cm	Sampling undertaken
Point 9	ZZ/U4/ZZ	Daily during discharge	Oil and Grease	<0.1	_	on 24/03/2022 in
r Unit 3					mg/L	response to
		Daily during discharge	pH	7.0	pH	uncontrolled discharge
		Daily during discharge	Total Suspended Solids	45	mg/L	uncontrolled discharge

Г	Data	Duffillore Quarry	Environmental Monit		JI L	Commont
Location	Date Received	Monitoring Frequency	Pollutant	Measure 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	
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	22/04/22	Daily during discharge	Conductivity	315	μS/cm	Sampling undertaken
Point 9	22/04/22	Daily during discharge	Oil and Grease	0.1	mg/L	on 23/03/2022 in
		Daily during discharge	pH	6.9	pH	response to
		Daily during discharge	Total Suspended Solids	22	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	8.21	NTU	
Monitoring	22/04/22	Daily during discharge	Conductivity	512	μS/cm	Sampling undertaken
Point 10	22/04/22	Daily during discharge	Oil and Grease	0.2	mg/L	on 23/03/2022 in
1 01110 10		Daily during discharge	pH	8.5	pH	response to
		Daily during discharge	Total Suspended Solids	11	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	19.8	NTU	ancontrolled disolidinge
		Daily during discharge	rarbialty	19.8	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	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	рН	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	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6		Daily during discharge	Flow	ND ND	μ3/cm KL/day	discharge initiated
. onit o		Daily during discharge	Oil and Grease	ND ND	mg/L	alsonarge initiated
		Daily during discharge	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	6/05/22	Daily during discharge	Conductivity	493	μS/cm	Sampling undertaken
Point 10	0,03,22	Daily during discharge	Oil and Grease	0.6	mg/L	on 21/03/2022 in
. 5 15		Daily during discharge	pH	8.0	pH	response to
		Daily during discharge	Total Suspended Solids	17	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	1/	NTU	- Institution and another ge
						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	

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	рH	6.8	pН	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		Daily during discharge	Oil and Grease	0.2	mg/L	on 20/03/2022 in
		Daily during discharge	рН	8.1	pН	response to
		Daily during discharge	Total Suspended Solids	18	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	8.21	NTU	-
I		Tany aaning allocitatings	· a. a.a.cy	0.22		
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	
		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	365	μS/cm	Sampling undertaken
Point 9	22/04/22	Daily during discharge	Oil and Grease	0.1	mg/L	on 19/03/2022 in
· ome s		Daily during discharge	pH	6.9	рH	response to
		Daily during discharge	Total Suspended Solids	37	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	16.3	NTU	- ancontrolled discharge
Monitoring	22/04/22		•	515		Sampling undertaken
Monitoring Point 10	22/04/22	Daily during discharge  Daily during discharge	Conductivity Oil and Grease	0.1	μS/cm	on 19/03/2022 in
POIIIL 10					mg/L	response to
		Daily during discharge	pH Total Suspended Solids	8.1	pH	uncontrolled discharge
		Daily during discharge		11	mg/L	- uncontrolled discharge
		Daily during discharge	Turbidity	29.6	NTU	
N.A. mita mina		Daily during disabores	Condinativity	ND		No controlled
Monitoring		Daily during discharge	Conductivity	ND	μS/cm KL/day	No controlled
Point 6		Daily during discharge	Flow	ND		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	-
	22/21/22	Daily during discharge	Turbidity	ND	NTU	
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	pН	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	pН	8.3	pН	response to
		Daily during discharge	Total Suspended Solids	21	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	33.6	NTU	
		T	T	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	
						1
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	14/04/22	Daily during discharge  Daily during discharge	Turbidity Conductivity	ND 342	NTU μS/cm	Sampling undertaken

		Dunmore Quarry	Environmental Monit		ונ	1 .
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	рН	response to
		Daily during discharge	Total Suspended Solids	16	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	46	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	22/4/22	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	рН	6.8	pН	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		Daily during discharge	Oil and Grease	0.4	mg/L	on 16/03/2022 in
		Daily during discharge	рН	7.9	рН	response to
		Daily during discharge	Total Suspended Solids	17	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	43.2	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	22/4/22	Daily during discharge	Conductivity	295		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	pH	response to
		Daily during discharge	Total Suspended Solids	5	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	4.95	NTU	J
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	pH	8.0	pH	response to
		Daily during discharge	Total Suspended Solids	29	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	42.8	NTU	0
		- any warms alsonaige	· an anarcy	12.0		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 ND	mg/L	
		Daily during discharge	pH	ND ND	pH	
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	14/04/22	Daily during discharge	Conductivity	268	μS/cm	Sampling undertaken
Point 9	14/04/22		·		-	
ruiit 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
D.4 =	44/04/00	Daily during discharge	Turbidity	8.4	NTU	Consulta
Monitoring	14/04/22	Daily during discharge	Conductivity	463	μS/cm	Sampling undertaken
Point 10		Daily during discharge	Oil and Grease	0.2	mg/L	on 13/03/2022 in

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
	Received	Daily during discharge	pH	8.2	pН	response to
		Daily during discharge	Total Suspended Solids	26	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	69	NTU	_
		, ,	,	l .	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	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	рН	6.9	рН	response to
		Daily during discharge	Total Suspended Solids	7	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	5.32	NTU	
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	рН	7.9	рН	response to
		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
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	14/04/22	Daily during discharge	Conductivity	415	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	<0.1	mg/L	on 10/03/2022 in
		Daily during discharge	pH	7.7	pН	response to
		Daily during discharge	Total Suspended Solids	74	mg/L	uncontrolled
		Daily during discharge	Turbidity	114	NTU	discharge. Due to higher than average monthly rainfall and high groundwater table dewatering of Lower Dam is not 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	рН	8.2	рН	response to
		Daily during discharge	Total Suspended Solids	51	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	66	NTU	from 203 mm in 5 days
		T	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	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	14/04/22	Daily during discharge	Conductivity	475	μS/cm	Sampling undertaken
Point 7		Daily during discharge	Oil and Grease	0.8	mg/L	on 1/03/2022 in
		Daily during discharge	рН	7.9	pН	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	

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 95<sup>th</sup> 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	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	31/03/22	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	рН	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	рH	8.2	pН	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
Monitoring	31/03/22	Daily during discharge	Conductivity	ND	μS/cm	No controlled
Point 6	31/03/22	Daily during discharge	Oil and Grease	ND	mg/L	discharge initiated
Foint o		Daily during discharge	pH	ND	pH	discharge miliated
		Daily during discharge	Total Suspended Solids	ND	mg/L	-
		Daily during discharge	Turbidity	ND	NTU	-
Monitoring	31/03/22	Daily during discharge	Conductivity	375	μS/cm	Sampling undertaken
Point 8	31/03/22	Daily during discharge	Oil and Grease	<0.1	mg/L	on 27/02/2022 in
1 Ollic 8		Daily during discharge	pH	7.9	pH	response to
		Daily during discharge	Total Suspended Solids	103	mg/L	uncontrolled discharge
		Daily during discharge	Turbidity	218	IIIg/ L	EPL8 sampled instead
		Daily during discharge	Turblaity	210		of EPL7 which was
					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	0/ -	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 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	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	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	рН	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 22<sup>nd</sup> and 28<sup>th</sup> February 2022, 215.2 mm of rainfall was recorded by the site weather station, with 148.2mm being recorded between the 23<sup>rd</sup> and 25<sup>th</sup> 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 95<sup>th</sup> 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 24<sup>th</sup>, 27<sup>th</sup> and 28<sup>th</sup> 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	

	Date		Environmental Monit	Measure		Comment
Location	Received	Monitoring Frequency	Pollutant	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	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	
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	рН	
		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	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			November 2021			
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	
		Daily during discharge	11000	110	KL/ day	
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge Daily during discharge	Oil and Grease pH	ND ND	mg/L pH	
Monitoring		Daily during discharge Daily during discharge Daily during discharge	Oil and Grease pH Total Suspended Solids	ND ND ND	mg/L pH mg/L	
		Daily during discharge Daily during discharge Daily during discharge Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity	ND ND ND ND	mg/L pH mg/L NTU	
Monitoring		Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity Conductivity	ND ND ND ND	mg/L pH mg/L NTU  µS/cm	
Monitoring		Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND ND ND ND ND	mg/L pH mg/L NTU μS/cm mg/L	
Monitoring		Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH	ND ND ND ND ND ND	mg/L pH mg/L NTU μS/cm mg/L pH	
Monitoring	23/12/21	Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids	ND	mg/L pH mg/L NTU µS/cm mg/L pH mg/L	Monthly monitoring
Monitoring Point 7	23/12/21	Daily during discharge	Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity	ND N	mg/L pH mg/L NTU µS/cm mg/L pH mg/L NTU	Monthly monitoring 23/11/21
Monitoring Point 7	23/12/21	Daily during discharge Monthly	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 N	mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm	
Monitoring Point 7	23/12/21	Daily during discharge Monthly Monthly	Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND OD ND OD	mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm	
Monitoring Point 7	23/12/21	Daily during discharge Monthly Monthly Monthly	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 S33 0.2	mg/L pH mg/L NTU µS/cm mg/L pH mg/L NTU µS/cm mg/L NTU µS/cm mg/L	
Monitoring Point 7	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly	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 S33 0.2 8.2 83	mg/L pH mg/L NTU µS/cm mg/L pH mg/L NTU µS/cm pH mg/L NTU µS/cm mg/L pH mg/L	
Monitoring Point 7 Monitoring Point 8	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Monthly Monthly	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 Total Suspended Solids Turbidity	ND S33 0.2 8.2 83 140	mg/L pH mg/L NTU  µS/cm mg/L pH mg/L NTU  µS/cm pH mg/L NTU  µS/cm mg/L  pH mg/L NTU	
Monitoring Point 7  Monitoring Point 8  Monitoring	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Monthly Daily during discharge	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 Oil and Grease pH	ND N	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  pH mg/L  NTU  µS/cm	•
Monitoring Point 7  Monitoring Point 8  Monitoring	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Monthly Daily during discharge	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	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 pH mg/L	
Monitoring Point 7  Monitoring Point 8  Monitoring	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Monthly Daily during discharge	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	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 pH mg/L NTU pH mg/L NTU pH mg/L NTU pH	•
Monitoring Point 7  Monitoring Point 8  Monitoring Point 10	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Daily during discharge	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	ND N	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	•
Monitoring Point 7  Monitoring Point 8  Monitoring Point 10  Monitoring	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Monthly Daily during discharge	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	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 NTU µS/cm mg/L NTU µS/cm mg/L NTU µS/cm	•
Monitoring Point 7  Monitoring Point 8  Monitoring Point 10	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Daily during discharge	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	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	•
Monitoring Point 7  Monitoring Point 8  Monitoring Point 10  Monitoring	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Daily during discharge	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	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 NTU µS/cm mg/L NTU µS/cm mg/L NTU µS/cm	•
Monitoring Point 7  Monitoring Point 8  Monitoring Point 10  Monitoring	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Daily during discharge	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	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	
Monitoring Point 7  Monitoring Point 8  Monitoring Point 10  Monitoring	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Daily during discharge	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	ND N	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  µS/cm mg/L pH mg/L NTU	
Monitoring Point 7  Monitoring Point 8  Monitoring Point 10  Monitoring	23/12/21	Daily during discharge Monthly Monthly Monthly Monthly Daily during discharge	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	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  NTU  µS/cm mg/L  NTU  µS/cm mg/L  PH mg/L  NTU  µS/cm 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	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		Daily daring discharge	September 2021	145	1110	
Monitoring		Daily during discharge	Conductivity	ND	μS/cm	
Point 6		Daily during discharge	Flow	ND	KL/day	
1 Ollic O		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge		ND ND	1	
		Daily during discharge	pH Total Suspended Solids		pH ma/l	
			·	ND	mg/L	
Manitarina		Daily during discharge	Turbidity	ND	NTU	
Monitoring Point 7		Daily during discharge	Conductivity	ND	μS/cm	
POIIIL 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	
	24/40/24	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	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			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	рН	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	
7 01116 7		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND ND	NTU	
Monitoring	20/9/21	Monthly	Conductivity	257	μS/cm	Monthly sampling
Point 8	20/3/21	· · · · · · · · · · · · · · · · · · ·	Oil and Grease	0.3		25/8/21
i Onit o		Monthly			mg/L	23/0/21
		Monthly	pH Total Suspended Solids	6.6	pH mg/l	
		Monthly	Total Suspended Solids	50	mg/L	4
Monitoria		Monthly	Turbidity	65 ND	NTU us/sm	
Monitoring		Daily during discharge	Conductivity	ND ND	μS/cm	
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	

	Date	l Buillione Quarry	Environmental Monit	· · · · · · · · · · · · · · · · · · ·		Comment
Location	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	
			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	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	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	рН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
	•	, , , ,	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	рН	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	pН	
		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	рН	7.9	pН	
		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	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
	1	2, 2.2	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	
		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	14/5/21	Daily during discharge	Conductivity	484	μS/cm	Sampling
Point 7	1+/3/41	Daily during discharge	Oil and Grease	<0.1	1 1	undertaken 6/5/21
r Unit /	1	Pany during discharge	Oli aliu Grease	<b>\U.1</b>	mg/L	unuertaken 0/3/21

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Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
	Daily during discharge	pН	7.9	рН	in response to
	Daily during discharge	Total Suspended Solids	192	mg/L	uncontrolled
	Daily during discharge	Turbidity	280	NTU	discharge
14/5/21	Daily during discharge	Conductivity	422	μS/cm	Sampling
	Daily during discharge	Oil and Grease	<0.1	mg/L	undertaken 6/5/21
	Daily during discharge	pH	7.1	рН	Downstream water
	Daily during discharge	Total Suspended Solids	22	mg/L	quality monitoring
	Daily during discharge	Turbidity	20	NTU	
14/5/21	Daily during discharge	Conductivity	ND	μS/cm	No discharge from
	Daily during discharge	Oil and Grease	ND	mg/L	Middle Dam
	Daily during discharge	pН	ND	рН	
	Daily during discharge	Total Suspended Solids	ND	mg/L	
	Daily during discharge	Turbidity	ND	NTU	
14/5/21	Daily during discharge	Conductivity	ND	μS/cm	No controlled
	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	
14/5/21	Daily during discharge	Conductivity	423	μS/cm	Sampling
	Daily during discharge	Oil and Grease	<0.1	mg/L	undertaken 7/5/21
	Daily during discharge	pH	7.7	рН	in response to
	Daily during discharge	Total Suspended Solids	402	mg/L	uncontrolled
			550	NTU	discharge
14/5/21		•	141	μS/cm	Sampling
			<0.1		undertaken 7/5/21
			6.6		Downstream water
		+ ·			quality monitoring
		•	18		
14/5/21		·	•	_	No discharge from
, -,		·	•		Middle Dam
			1		
		•	-		-
	Daily during discharge	·			
		Lurbidity	ND	NTU	
		Turbidity	ND	NTU	
15/4/21	Daily during discharge	Conductivity	ND ND	NTU μS/cm	No controlled
15/4/21					No controlled discharge initiated
15/4/21	Daily during discharge	Conductivity	ND	μS/cm	-
15/4/21	Daily during discharge Daily during discharge	Conductivity Flow	ND ND	μS/cm KL/day	-
15/4/21	Daily during discharge Daily during discharge Daily during discharge	Conductivity Flow Oil and Grease	ND ND ND	μS/cm KL/day mg/L	_
15/4/21	Daily during discharge Daily during discharge Daily during discharge Daily during discharge	Conductivity Flow Oil and Grease pH	ND ND ND	μS/cm KL/day mg/L pH	_
15/4/21	Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids	ND ND ND ND	μS/cm KL/day mg/L pH mg/L	_
	Daily during discharge	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
	Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity	ND ND ND ND ND ND ND	μS/cm KL/day mg/L pH mg/L NTU μS/cm	discharge initiated Sampling
	Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND ND ND ND ND ND ND 316 <0.1	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH	discharge initiated  Sampling undertaken 7/5/21
	Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH	ND ND ND ND ND ND 316 <0.1	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L	Sampling undertaken 7/5/21 in response to
15/4/21	Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity	ND ND ND ND ND ND 316 <0.1 7.4 125 200	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L	Sampling undertaken 7/5/21 in response to uncontrolled discharge
	Daily during discharge	Conductivity Flow Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Conductivity Conductivity Conductivity	ND ND ND ND ND 316 <0.1 7.4 125 200 184	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	Sampling undertaken 7/5/21 in response to uncontrolled discharge Sampling
15/4/21	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	ND ND ND ND ND 316 <0.1 7.4 125 200 184 <0.1	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	Sampling undertaken 7/5/21 in response to uncontrolled discharge Sampling undertaken 7/5/21
15/4/21	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	ND ND ND ND ND 316 <0.1 7.4 125 200 184 <0.1 6.8	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU pS/cm mg/L pH mg/L NTU μS/cm	Sampling undertaken 7/5/21 in response to uncontrolled discharge Sampling undertaken 7/5/21 Downstream water
15/4/21	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	ND ND ND ND ND 316 <0.1 7.4 125 200 184 <0.1 6.8	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 pH mg/L NTU μS/cm	Sampling undertaken 7/5/21 in response to uncontrolled discharge Sampling undertaken 7/5/21
15/4/21	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	ND ND ND ND ND 316 <0.1 7.4 125 200 184 <0.1 6.8 3	μS/cm KL/day mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU pH mg/L NTU μS/cm ng/L NTU μS/cm	Sampling undertaken 7/5/21 in response to uncontrolled discharge Sampling undertaken 7/5/21 Downstream water quality monitoring
15/4/21	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	ND ND ND ND ND 316 <0.1 7.4 125 200 184 <0.1 6.8	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 pH mg/L NTU μS/cm	Sampling undertaken 7/5/21 in response to uncontrolled discharge Sampling undertaken 7/5/21 Downstream water
	14/5/21	Daily during discharge	Daily during discharge Total Suspended Solids Turbidity Daily during discharge Total Suspended Solids Daily during discharge Oil and Grease Daily during discharge Oil and Grease Daily during discharge Oil and Grease	Daily during discharge Total Suspended Solids 192  14/5/21 Daily during discharge Total Suspended Solids ND Daily during discharge Daily during discharge Daily during discharge Total Suspended Solids ND Daily during discharge Total Suspended Solids Daily during discharge Total Suspended Solids Daily during discharge	Daily during discharge Turbidity Daily during discharge Turbidity Daily during discharge Daily during discharge Daily during discharge Daily during discharge Turbidity Daily during discharge Daily during discharge Daily during discharge Daily during discharge Turbidity Daily during discharge Turbidity Daily during discharge Daily during discharge Daily during discharge Daily during discharge Daily during disch

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	рН	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	

	D-1-	Duffinore Quarry	Environmental Monit			C
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	pН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
		1	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	pH	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 11
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 C./cm	Monthly Compling
Monitoring Point 10		Daily during discharge	Conductivity	ND	μS/cm	Monthly Sampling undertaken on
Point 10		Daily during discharge	Oil and Grease	ND	mg/L	20/03/21
		Daily during discharge  Daily during discharge	pH Total Suspended Solids	ND ND	pH mg/l	20/03/21
		Daily during discharge	Turbidity	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	рH	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	pН	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 Point 6	16/4/21	Daily during discharge	Conductivity	ND	μS/cm	No controlled
FUIIL 0		Daily during discharge	Flow	ND	KL/day	discharge initiated
		Daily during discharge	Oil and Grease pH	ND	mg/L	
		Daily during discharge		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
Point 9		Daily during discharge	Oil and Grease	<0.1	mg/L	undertaken 25/3/21
		Daily during discharge	рН	6.7	рН	Downstream water
		Daily during discharge	Total Suspended Solids	10	mg/L	quality monitoring
		Daily during discharge	Turbidity	7.2	NTU	
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 Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Daily during discharge	Turbidity	ND	NTU	
			January 2021			
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	pН	ND	pН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		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	pH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	11/02/21	Monthly	Conductivity	623	μS/cm	
Point 8	' '	Monthly	Oil and Grease	0.5	mg/L	
		Monthly	рH	8.4	pН	
		Monthly	Total Suspended Solids	38	mg/L	
		Monthly	Turbidity	40	NTU	
Monitoring	11/02/21	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	
		Daily daring discharge	December 2020	110	1110	
Monitoring	12/01/21	Daily during discharge	Conductivity	ND	μS/cm	
Point 6	12/01/21	Daily during discharge	Flow	ND ND	KL/day	
1 Ollic o		Daily during discharge	Oil and Grease	ND	mg/L	
		Daily during discharge	pH	ND ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND ND	NTU	
Monitoring	12/01/21	Daily during discharge	Conductivity	ND ND	μS/cm	
Point 7	12/01/21	Daily during discharge	Oil and Grease	ND ND	mg/L	
1 Omic 7		Daily during discharge	pH	ND ND	pH	
		Daily during discharge	Total Suspended Solids	ND ND		
		Daily during discharge	Turbidity	ND ND	mg/L NTU	
Monitoring	12/01/21	Monthly	Conductivity	623	μS/cm	
Point 8	12/01/21	Monthly	Oil and Grease	0.5	mg/L	
roint o		Monthly	pH	8.4	1	
		Monthly	Total Suspended Solids	38	pH mg/l	
		Monthly	Turbidity	40	mg/L NTU	
Monitoring	12/01/21	•	Conductivity			
Monitoring Point 10	12/01/21	Daily during discharge	Oil and Grease	ND ND	μS/cm	
POIIIL 10		Daily during discharge		ND ND	mg/L	
		Daily during discharge	pH	ND ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity November 2020	ND	NTU	
Monitoria	01/12/20	Daily during disabara-		ND	uc/e	
Monitoring Point 6	01/12/20	Daily during discharge	Conductivity	ND	μS/cm	
FUIIIL D		Daily during discharge	Flow	ND ND	KL/day	
		Daily during discharge	Oil and Grease	ND ND	mg/L	
		Daily during discharge	pH	ND ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
D.4 ' '	04/42/25	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
		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	рН	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	рН	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			October 2020			
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	рH	ND	pН	
		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	pH	
		Monthly	Total Suspended Solids	20	mg/L	
		Monthly	Turbidity	19	NTU	
Monitoring	03/11/20	Daily during discharge	Conductivity	ND	μS/cm	
Point 10	00, 11, 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	
			Turbidity	ND	NTU	
		Daily daring discharge	September 2020	NB	1410	
Monitoring	14/10/20	Daily during discharge	Conductivity	ND	μS/cm	
Point 6	14/10/20	Daily during discharge	Flow	ND ND	KL/day	
i onic o		Daily during discharge	Oil and Grease	ND ND	mg/L	
		Daily during discharge	pH	ND ND	pH	
		Daily during discharge	рп	ואט	рп	
			Total Suspended Solids	ND	ma/I	
		Daily during discharge	Total Suspended Solids	ND ND	mg/L	
Manitaring	14/10/20	Daily during discharge Daily during discharge	Turbidity	ND	NTU	
Monitoring	14/10/20	Daily during discharge Daily during discharge Daily during discharge	Turbidity Conductivity	ND ND	NTU μS/cm	
Monitoring Point 7	14/10/20	Daily during discharge Daily during discharge Daily during discharge Daily during discharge	Turbidity Conductivity Oil and Grease	ND ND ND	NTU μS/cm mg/L	
_	14/10/20	Daily during discharge	Turbidity Conductivity Oil and Grease pH	ND ND ND ND	NTU μS/cm mg/L pH	
_	14/10/20	Daily during discharge	Turbidity Conductivity Oil and Grease pH Total Suspended Solids	ND ND ND ND	NTU μS/cm mg/L pH mg/L	
Point 7		Daily during discharge	Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity	ND ND ND ND ND	NTU μS/cm mg/L pH mg/L NTU	
Point 7  Monitoring	14/10/20	Daily during discharge Monthly	Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity	ND ND ND ND ND ND ND 685	NTU μS/cm mg/L pH mg/L NTU μS/cm	
Point 7  Monitoring		Daily during discharge Monthly Monthly	Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease	ND ND ND ND ND ND ND 685 0.5	NTU μS/cm mg/L pH mg/L NTU μS/cm mg/L	
Point 7  Monitoring		Daily during discharge Monthly Monthly Monthly	Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH	ND ND ND ND ND ND 685 0.5	NTU μS/cm mg/L pH mg/L NTU μS/cm mg/L pH	
Point 7  Monitoring		Daily during discharge Monthly Monthly Monthly Monthly	Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids	ND ND ND ND ND ND 685 0.5	NTU μS/cm mg/L pH mg/L NTU μS/cm mg/L pH mg/L	
Point 7  Monitoring  Point 8	14/10/20	Daily during discharge Monthly Monthly Monthly Monthly Monthly Monthly	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 685 0.5 8 19	NTU μS/cm mg/L pH mg/L NTU μS/cm mg/L pH mg/L NTU μS/cm ng/L NTU	
Monitoring Point 8  Monitoring		Daily during discharge Monthly Monthly Monthly Monthly Daily during discharge	Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Oil and Grease pH Total Suspended Solids Turbidity Conductivity Conductivity Conductivity	ND ND ND ND ND ND 685 0.5 8 19 40	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	
_	14/10/20	Daily during discharge Monthly Monthly Monthly Monthly Monthly Daily during discharge Daily during discharge	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 685 0.5 8 19 40 ND	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	
Monitoring Point 8  Monitoring	14/10/20	Daily during discharge Monthly Monthly Monthly Monthly Monthly Daily during discharge Daily during discharge Daily during discharge Daily during discharge	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	ND ND ND ND ND 685 0.5 8 19 40 ND	NTU μS/cm mg/L pH mg/L NTU μS/cm mg/L pH mg/L pH mg/L pH mg/L NTU μS/cm pH mg/L NTU μS/cm	
Monitoring Point 8  Monitoring	14/10/20	Daily during discharge Monthly Monthly Monthly Monthly Monthly Daily during discharge Daily during discharge	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 685 0.5 8 19 40 ND	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	

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	рН	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	1
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 13/8/20 after high
		Daily during discharge	рН	7.23	рН	
		Daily during discharge	Total Suspended Solids	8	mg/L	rainfall event
		Daily during discharge	Turbidity	13.7	NTU	1
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	рН	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	1
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	1
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	рН	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	Monthly monitoring
Point 8		Monthly	Oil and Grease	0.1	mg/L	on 31/8/20
		Monthly	рН	7.9	pH	1
		Monthly	Total Suspended Solids	20	mg/L	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	рН	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	рН	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	рН	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	рН	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	рН	after 220m rainfall
		Daily during discharge	Total Suspended Solids	10	mg/L	in 4 days.
		Daily during discharge	Turbidity	39	NTU	1
The monitorii	ng points wer	re unable to be accessed or	-	, 2020 due to s	afety cond	erns and flash

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.

dam which is de	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	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				
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
1		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	рH	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	рН	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	pH	
		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	
1011110		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 ND	mg/L	
TOILL TO		Daily during discharge	pH	ND ND	pH	
		Daily during discharge	Total Suspended Solids	ND ND		
		, ,	<u>'</u>		mg/L	
		Daily during discharge		ND	NTU	
Manihavina		Daily dyning diadhana	April 2020	ND	C / even	
Monitoring Point 6		Daily during discharge	Conductivity	ND ND	μS/cm	
POIIIL 0		Daily during discharge	Flow		KL/day	
		Daily during discharge  Daily during discharge	Oil and Grease	ND	mg/L	
		, , ,	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	
		Daily during discharge	pH	ND	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring		Monthly	Conductivity	995	μS/cm	
Point 8		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	рH	ND	рН	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
			March 2020			

Dunmore Quarry						
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	рН	8.4	рН	
		Monthly	Total Suspended Solids	13	mg/L	
		Monthly	Turbidity	15	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	
		, ,	February 2020		L	
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	pH	
		Daily during discharge	Total Suspended Solids	ND	mg/L	
		Daily during discharge	Turbidity	ND	NTU	
Monitoring	1	Daily during discharge	Conductivity	640	μS/cm	11/02/20. Discharge
Point 7		Daily during discharge	Oil and Grease	NV	mg/L	monitoring from
		Daily during discharge	рН	7.7	pH	spillway after
		Daily during discharge	Total Suspended Solids	31	mg/L	flooding after
		Daily during discharge	Turbidity	87.4	1116/ -	222mm rainfall over
		Duny during discharge	Tar Sidiley	07.1	NTU	4 days.
Monitoring		Daily during discharge	Conductivity	788	μS/cm	12/02/20. Discharge
Point 7		Daily during discharge	Oil and Grease	NV	mg/L	monitoring from
		Daily during discharge	рН	7.84	рН	spillway after
		Daily during discharge	Total Suspended Solids	18	mg/L	flooding.
		Daily during discharge	Turbidity	56.7	NTU	
Monitoring		Daily during discharge	Conductivity	681	μS/cm	13/02/20. Discharge
Point 7		Daily during discharge	Oil and Grease	NV	mg/L	monitoring from
		Daily during discharge	рН	7.8	рН	spillway after
		Daily during discharge	Total Suspended Solids	30	mg/L	flooding.
		Daily during discharge	Turbidity	89.0	NTU	
Monitoring		Daily during discharge	Conductivity	731	μS/cm	14/02/20. Discharge
Point 7		Daily during discharge	Oil and Grease	NV	mg/L	monitoring from
		Daily during discharge	рН	7.4	pН	spillway after
		Daily during discharge	Total Suspended Solids	25	mg/L	flooding.
		Daily during discharge	Turbidity	48.0	NTU	_
Monitoring	†	Daily during discharge	Conductivity	797	μS/cm	17/02/20. Discharge
Point 7		Daily during discharge	Oil and Grease	NV	mg/L	monitoring from
		Daily during discharge	pH	7.5	pH	spillway after
		Daily during discharge	Total Suspended Solids	12	mg/L	flooding
		Daily during discharge	Turbidity	15.4	NTU	j
Monitoring	+	Monthly	Conductivity	974	μS/cm	
Point 8		Monthly	Oil and Grease	0.1	mg/L	
		IVIOITUITY	On and Orease	0.1	IIIB/L	

Location	Date Received	Monitoring Frequency	Pollutant	Measure ment	Unit	Comment
		Monthly	рН	8.4	рН	25/2/20. Monthly
		Monthly	Total Suspended Solids	13	mg/L	sampling
		Monthly	Turbidity	15	NTU	monitoring
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	
1		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 <a href="https://www.boral.com.au/locations/boral-dunmore-operations">https://www.boral.com.au/locations/boral-dunmore-operations</a>

