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# Teven Quarry

## Environmental Monitoring Report

Surface Water Monitoring Data

June 2024



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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 obtaining 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 2261 (EPL: 2261 – Boral Teven Quarry)

<b>Teven Quarry Information</b>	
Premise Details	Boral – Teven Quarry
Address	North Teven Road Teven NSW 2478
Licensee	Boral Resources (Country) Pty Limited
EPL No	2261
EPL Location	<a href="#">Boral Quarries Teven   Boral</a>
Date of dataset update	15/06/2024

Monitoring data in this report relates to the monitoring undertaken in the reporting period for the following environmental pollutants:

- Surface Water



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## Surface Water Monitoring

Water quality monitoring is conducted as per condition M2 of EPL 3956.

### Qualifications related to Surface Water

Extracted from EPL: 2261

EPA Identification No.	Type of Monitoring Point	Location Description
1	Discharge to Waters Discharge Quality Monitoring	Discharge to table drain beside North Teven Road labelled 'Licensed discharge point No 1'

Water Concentration Limits:

#### POINT 1

Pollutant	Units of measure	Frequency	Sampling Method
pH	pH	Daily during any discharge	Grab sample
Total suspended solids	milligrams per litre	Daily during any discharge	Grab sample

Water monitoring requirements

#### POINT 1

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
pH	pH				6.5 - 8.5
Total suspended solids	milligrams per litre				50



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**TABLE 1: Teven Quarry – Surface Water Monitoring Results**

EPL Monitoring Point	Monitoring Frequency	Date Sampled	pH	TSS (mg/L)	pH Lower Limit	pH Upper Limit	TSS Limit (mg/L)	Sample Compliant	Comments
EPL ID 1	Daily during discharge	10/04/2024	7.7	24	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	9/04/2024	7.7	23	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	8/04/2024	7.9	22	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	7/04/2024	7.9	33	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	6/04/2024	7.7	36	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	5/04/2024	7.9	66	6.5	8.5	50	Yes	Preceding 5-day rain volume greater than 63.2mm (EPL Condition L1.3)
EPL ID 1	Daily during discharge	4/04/2024	7.8	10	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	1/11/2023	7.5	2	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	31/10/2023	7.7	8	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	30/10/2023	7.8	5	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	6/03/2022	7.8	50	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	5/03/2022	7.9	45	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	4/03/2022	7.9	54	6.5	8.5	50	Yes	Preceding 5-day rain volume greater than 63.2mm (EPL Condition L1.3)
EPL ID 1	Daily during discharge	3/03/2022	7.6	20	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	2/03/2022	7.9	46	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	1/03/2022	7.8	108	6.5	8.5	50	Yes	Preceding 5-day rain volume greater than 63.2mm (EPL Condition L1.3)



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EPL Monitoring Point	Monitoring Frequency	Date Sampled	pH	TSS (mg/L)	pH Lower Limit	pH Upper Limit	TSS Limit (mg/L)	Sample Compliant	Comments
EPL ID 1	Daily during discharge	28/02/2022	8.2	94	6.5	8.5	50	Yes	Preceding 5-day rain volume greater than 63.2mm (EPL Condition L1.3)
EPL ID 1	Daily during discharge	27/02/2022	8	78	6.5	8.5	50	Yes	Preceding 5-day rain volume greater than 63.2mm (EPL Condition L1.3)
EPL ID 1	Daily during discharge	26/02/2022	8	73	6.5	8.5	50	Yes	Preceding 5-day rain volume greater than 63.2mm (EPL Condition L1.3)
EPL ID 1	Daily during discharge	11/01/2022	8	4	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	10/01/2022	7.9	5	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	9/01/2022	8.1	5	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	8/01/2022	8.2	4	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	7/01/2022	7.9	4	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	6/01/2022	7.8	4	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	5/01/2022	8	4	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	23/03/2021	7.9	18	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	22/03/2021	7.9	19	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	21/03/2021	7.9	17	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	19/03/2021	7.7	18	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	18/03/2021	7.8	16	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	17/03/2021	7.8	23	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	16/03/2021	7.7	24	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	15/03/2021	7.7	17	6.5	8.5	50	Yes	



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EPL Monitoring Point	Monitoring Frequency	Date Sampled	pH	TSS (mg/L)	pH Lower Limit	pH Upper Limit	TSS Limit (mg/L)	Sample Compliant	Comments
EPL ID 1	Daily during discharge	14/03/2021	7.8	13	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	13/03/2021	7.9	31	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	12/03/2021	8	18	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	16/02/2021	7.8	1	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	24/12/2020	8.2	12	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	23/12/2020	7.9	17	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	22/12/2020	7.9	16	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	21/12/2020	8.1	14	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	20/12/2020	8.3	4	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	1/08/2020	7.8	1	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	31/07/2020	7.8	6	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	30/07/2020	7.9	6	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	29/07/2020	7.9	5	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	28/07/2020	8	7	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	27/07/2020	8.1	6	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	26/07/2020	8.1	2	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	25/07/2020	8.2	45	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	22/05/2020	7.7	1	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	21/05/2020	7.9	43	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	20/05/2020	7.8	6	6.5	8.5	50	Yes	



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EPL Monitoring Point	Monitoring Frequency	Date Sampled	pH	TSS (mg/L)	pH Lower Limit	pH Upper Limit	TSS Limit (mg/L)	Sample Compliant	Comments
EPL ID 1	Daily during discharge	19/05/2020	7.7	9	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	18/05/2020	7.9	5	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	23/02/2020	8.0	1	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	22/02/2020	8.0	10	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	21/02/2020	7.7	7	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	20/02/2020	7.7	7	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	19/02/2020	7.9	3	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	18/02/2020	8.0	7	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	17/02/2020	7.9	8	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	16/02/2020	7.9	7	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	15/02/2020	7.7	26	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	14/02/2020	7.4	61	6.5	8.5	50	Yes	Preceding 5-day rain volume greater than 63.2mm (EPL Condition L1.3)
EPL ID 1	Daily during discharge	13/02/2020	7.4	46	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	12/02/2020	7.5	35	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	11/02/2020	7.5	45	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	10/02/2020	7.4	33	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	9/02/2020	8.1	36	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	8/02/2020	7.6	36	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	7/02/2020	7.7	21	6.5	8.5	50	Yes	



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EPL Monitoring Point	Monitoring Frequency	Date Sampled	pH	TSS (mg/L)	pH Lower Limit	pH Upper Limit	TSS Limit (mg/L)	Sample Compliant	Comments
EPL ID 1	Daily during discharge	6/02/2020	7.9	33	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	23/01/2020	8.0	1	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	22/01/2020	8.1	9	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	21/01/2020	8.1	3	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	4/07/2019	7.8	10	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	3/07/2019	7.6	11	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	2/07/2019	7.7	13	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	1/07/2019	7.4	11	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	21/05/2019	8.0	21	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	20/05/2019	7.9	2	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	17/05/2019	7.9	2	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	16/05/2019	8.0	1	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	13/05/2019	7.9	2	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	4/05/2019	8.1	3	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	3/05/2019	8.1	2	6.5	8.5	50	Yes	
EPL ID 1	Daily during discharge	2/05/2019	8.1	3	6.5	8.5	50	Yes	



**TABLE 2: Surface Water Monitoring Results – Corrections Log**

Date of Data (sample Date)	Old Published Data	Corrected Data	Reason for Update / Correction	Update Person	Date corrected Data Published	Comments
16/02/2020	61mg/L	Result Correct	Comment added	RJ	18/08/2020	Comments section updated to inform that result of 61mg/L is conforming to EPL 2261 due to exempt condition L1.3 of EPL. TSS results due to rain event greater than 63.2mm in previous 5 days (120.2 mm) Full review of all POMD August 2020, following EPA Audit 6/8/20

Note: The table above details the corrections made to published data due to incorrect reporting or misleading published data



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