

A photograph of a city skyline at dusk or dawn, with various skyscrapers and a body of water in the foreground. A dark teal semi-transparent box is overlaid on the left side of the image, containing the text.

# Johns River Quarry

Surface Water  
Monitoring Data

# Johns River Quarry – Surface Water Monitoring Data

Licensee	Boral Resources (Country) Pty Ltd
Facility Address	Bulleys Road, Johns River NSW 2443
Premises Details	Boral - Johns River Quarry
EPL No	4812
Link to Public Register	<a href="https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=129026&amp;SYSUID=1&amp;LICID=4812">https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=129026&amp;SYSUID=1&amp;LICID=4812</a>
Date of dataset update	26/10/2021

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 4812 (EPL: 4812 – Boral Johns River Quarry)

# Johns River Quarry – Surface Water Monitoring Data

## Qualifications Related to Surface Extracted from EPL: 4812

EPA identification no	Type of Monitoring Point	Location Description
1	Discharge to Waters Discharge Quality Monitoring	Monitoring location "WD1" (Bulleys Dam) at coordinates -31.714481 152.698894
2	Discharge to Waters Discharge Quality Monitoring	Monitoring location "WD2" (discharge from Sediment Basin 2C) located at coordinates -31.71636874 152.703066
3	Discharge to Waters Discharge Quality Monitoring	Monitoring location "WD3" (discharge from Front Sediment Dam) located at coordinates -31.7184329 152.700726
4	Ambient Water Monitoring	Monitoring location "WUS" (Stewarts River at Bulleys Road Bridge), located at coordinates -31.71839372 152.699211
5	Ambient Water Monitoring	Monitoring location "Down Stream water (PAC HWY)", located at coordinates -31.718883, 152.702169
23	Discharge to Waters Discharge Quality Monitoring	Monitoring location "Water Discharge 23 (Pit Drop Cut)" at coordinates -31.7163874 152.703066

\* NOTE: Where no data has been published for a particular date there has been no blasting activity undertaken for that date<sup>3.7.8</sup>

# Johns River Quarry – Surface Water Monitoring Data - 2021

## Johns River Quarry: EPL 4812 – Surface Water Monitoring Results

DATE	EPL ID 1			EPL ID 2			EPL ID 3			EPL ID 23			EPL ID 4			EPL ID 5		
	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	NTU	pH	O&G	NTU	pH	O&G
16/04/2021				4	7.56	NV				3	7.83	NV						
15/04/2021				3	7.58	NV				3	7.66	NV						
14/04/2021				7	7.62	NV				5	7.54	NV						
13/04/2021				26	7.64	NV				10	7.85	NV						
12/04/2021				9	7.83	NV				11	8.35	NV						
9/04/2021				22	7.64	NV				17	8.05	NV						
8/04/2021				23	7.66	NV				22	8.64	NV						
7/04/2021				17	7.44	NV	6	7.82	NV	45	8.16	NV						
23/02/2021							16	7.65	NV									

# Johns River Quarry – Surface Water Monitoring Data - 2021

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DATE	EPL ID 1			EPL ID 2			EPL ID 3			EPL ID 23			EPL ID 4			EPL ID 5		
	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	NTU	pH	O&G	NTU	pH	O&G
22/12/2020										7	7.35	NV						
18/12/2020										25	7.41	NV						
17/12/2020							23	7.25	NV									
16/12/2020							48	7.41	NV									
28/10/2020													10.8	7.8	NV	18.6	7.25	NV
24/06/2020													7.2	8.04	NV	7.6	7.16	NV
12/06/2020							18	7.4	NV									
11/06/2020							26	7.6	NV									
18/03/2020							15	7.6	NV									

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DATE	EPL ID 1			EPL ID 2			EPL ID 3			EPL ID 23			EPL ID 4			EPL ID 5		
	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	NTU	pH	O&G	NTU	pH	O&G
17/03/2020							15	7.5	NV									
4/03/2020							6	7.4	NV									
20/02/2020										27	7.6	NV						
18/02/2020										6	7.3	NV						
17/02/2020										17	7.2	NV						
14/02/2020										13	7.3	NV						
13/02/2020							18	7.6	NV	20	7.4	NV						
12/02/2020							16	7.5	NV	11	7.4	NV						
11/02/2020							13	7.3	NV	10	7.6	NV						

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DATE	EPL ID 1			EPL ID 2			EPL ID 3			EPL ID 23			EPL ID 4			EPL ID 5		
	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	NTU	pH	O&G	NTU	pH	O&G
10/02/2020							29	7.3	NV	11	7.5	NV						
20/01/2020							5	7.2	NV									
21/03/2019							25	7.2	NV									
24/07/2018							6	6.7	NV				4.97	6.5	NV	6.14	6.5	NV
29/06/2018										9	7.1	NV						
26/06/2018										17	7.3	NV						
25/06/2018										18	7.2	NV						
22/06/2018										3	7.3	NV						
20/06/2018							29	7.31	NV									

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DATE	EPL ID 1			EPL ID 2			EPL ID 3			EPL ID 23			EPL ID 4			EPL ID 5		
	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	NTU	pH	O&G	NTU	pH	O&G
14/06/2018							18	6.75	NV									
13/06/2018				22	7.56	NV												
12/06/2018										3	7.49	NV						
7/06/2018										6	7.27	NV						
6/06/2018										11	7.2	NV						
4/06/2018				13	8.02	NV				3	7.28	NV						
30/05/2018										6	7.19	NV						
10/05/2018							38	7.11	NV									
9/05/2018							28	7.07	NV									



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	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	NTU	pH	O&G	NTU	pH	O&G
7/05/2018										7	7.05	NV						
3/05/2018							30	6.95	NV									
1/05/2018										6	7.82	NV						
24/04/2018				16	7.93	NV				3	7.35	NV						
16/04/2018										6	8.32	NV						
13/04/2018										8	8.17	NV						
10/04/2018							23	7.07	NV	3	7.94	NV	4.58	6.2	Nv	6.5	6.5	NV
9/04/2018										3	7.8	NV						
29/03/2018							15	6.87	NV									

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DATE	EPL ID 1			EPL ID 2			EPL ID 3			EPL ID 23			EPL ID 4			EPL ID 5		
	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	NTU	pH	O&G	NTU	pH	O&G
28/03/2018							37	6.88	NV									
26/03/2018							44	7	NV									
25/03/2018							64	6.7	NV									
24/03/2018							130	7.1	NV									
23/03/2018							90	7.35	NV									
14/03/2018				9	7.2	NV	23	6.9	NV									
13/03/2018				9	8.07	NV	31	7.24	NV									
6/03/2018							15	7.2	NV									
5/03/2018				14	7.9	NV	22	7.3	NV									

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DATE	EPL ID 1			EPL ID 2			EPL ID 3			EPL ID 23			EPL ID 4			EPL ID 5		
	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	NTU	pH	O&G	NTU	pH	O&G
1/03/2018							30	6.99	NV									
28/02/2018							5	6.9	NV									
27/02/2018							8	7.2	NV									
16/02/2018				11	8.18	NV							24.8	6.86	NV	7.3	7.06	NV
15/02/2018				11	8.13	NV												
23/01/2018										3	7.6	NV						
22/01/2018										1.6	7.5	NV						
19/01/2018										13	7.5	NV						
18/01/2018										12	7.2	NV						

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	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	TSS	pH	O&G	NTU	pH	O&G	NTU	pH	O&G
17/01/2018							40	7.1	NV									
29/11/2017				10	8.17	NV												
28/11/2017				11	8.17	NV												
15/11/2017							33	7.22	NV									
9/11/2017				31	7.86	NV							5.56	6.93	NV	12.3	6.86	NV
11/10/2017				2	8	NV				0.8	7.5	NV						
29/08/2017				50	8.28	NV				9.2	8.21	NV	8.77	7.58	NV	4.39	7.6	NV



**BORAL**<sup>TM</sup>