

### Wagga Wagga Quarry Information

<b>Premise Details</b>	Hanson – Wagga Wagga Quarry
<b>Address</b>	Roach Road Wagga Wagga NSW 2650
<b>Licensee</b>	Hanson Construction Materials Pty Ltd
<b>EPL Number</b>	2433
<b>EPL Location</b>	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=193351&amp;SYSUID=1&amp;LICID=2433">https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=193351&amp;SYSUID=1&amp;LICID=2433</a>

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

The monitoring of pollutants provided in this report is undertaken as per the requirements of Environment Protection Licence 2433 (EPL 2433 – Wagga Wagga Quarry)

This report provides environmental monitoring data for Wagga Wagga Quarry for the period 1 July 2017 to 30 June 2022.

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

- Water Quality (during discharge)
- Deposited Dust (quarterly monitoring)

Discharge at Point 1 require the following monitoring requirements

Pollutant	Units of measure	Frequency	Sampling Method
<b>Total Suspended Solids</b>	milligrams per litre	Weekly during any discharge	Representative sample
<b>volume/mass</b>	kilolitres per day	Daily during any discharge	by calculation (volume flow rate or pump capacity multiplied by operating time)



Sample Location	Sample Collector	Sample Reference No.	Date	Time	TSS (mg/L)	pH	Oil/grease (mg/L)	Discharge? Number of days	Comments
Dec-22									
DP1 (Murrumbidgee River - Discharge Point)								No Discharge	
Nov-22									
DP1 (Murrumbidgee River - Discharge Point)								No Discharge	
Oct-22									
DP1 (Murrumbidgee River - Discharge Point)								No Discharge	
Sep-22									
DP1 (Murrumbidgee River - Discharge Point)								No Discharge	
Aug-22									
DP1 (Murrumbidgee River - Discharge Point)								No Discharge	
Jul-22									
DP1 (Murrumbidgee River - Discharge Point)								No Discharge	
Jun-22									
DP1 (Murrumbidgee River - Discharge Point)								No Discharge	
May-22									
DP1 (Murrumbidgee River - Discharge Point)								No Discharge	
Apr-22									
DP1 (Murrumbidgee River - Discharge Point)								No Discharge	
Mar-22									
DP1 (Murrumbidgee River - Discharge Point)								No Discharge	
Feb-22									
DP1 (Murrumbidgee River - Discharge Point)								No Discharge	
Jan-22									
DP1 (Murrumbidgee River - Discharge Point)								No Discharge	
Dec-21									
DP1 (Murrumbidgee River - Discharge Point)								No Discharge	
Nov-21									
DP1 (Murrumbidgee River - Discharge Point)								No Discharge	
Oct-21									
DP1 (Murrumbidgee River - Discharge Point)								No Discharge	
Sep-21									

DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Aug-21
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Jul-21
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Jun-21
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	May-21
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Apr-21
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Mar-21
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Feb-21
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Jan-21
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Dec-20
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Nov-20
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Oct-20
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Sep-20
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Aug-20
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Jul-20
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Jun-20
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	May-20
DP1 (Murrumbidgee River - Discharge Point)	No Discharge

	Apr-20
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Mar-20
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Feb-20
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Jan-20
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Dec-19
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Nov-19
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Oct-19
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Sep-19
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Aug-19
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Jul-19
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Jun-19
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	May-19
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Apr-19
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Mar-19
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Feb-19
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Jan-19
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Dec-18

DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Nov-18
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Oct-18
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Sep-18
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Aug-18
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Jul-18
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Jun-18
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	May-18
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Apr-18
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Mar-18
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Feb-18
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Jan-18
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Dec-17
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Nov-17
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Oct-17
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Sep-17
DP1 (Murrumbidgee River - Discharge Point)	No Discharge
	Aug-17
DP1 (Murrumbidgee River - Discharge Point)	No Discharge

Jul-17

DP1 (Murrumbidgee River -  
Discharge Point)

No Discharge

Dust Deposition Gauge Monthly Monitoring																			
DDG 1				DDG 2				DDG 3				DDG 4				DDG 5			
Month and Year	Monitoring Period	Total Solid Particles	Rolling Annual Average	Month and Year	Monitoring Period	Total Solid Particles	Rolling Annual Average	Month and Year	Monitoring Period	Total Solid Particles	Rolling Annual Average	Month and Year	Monitoring Period	Total Solid Particles	Rolling Annual Average	Month and Year	Monitoring Period	Total Solid Particles	Rolling Annual Average
<b>2022</b>																			
December 2022			1.5	December 2022			0.7	December 2022			1.6	December 2022			0.8	December 2022			1.1
November 2022			1.8	November 2022			0.7	November 2022			2.0	November 2022			0.9	November 2022			1.3
October 2022			2.0	October 2022			0.8	October 2022			2.9	October 2022			1.2	October 2022			1.4
September 2022			2.0	September 2022			0.8	September 2022			2.7	September 2022			1.2	September 2022			1.4
August 2022			1.8	August 2022			0.8	August 2022			2.4	August 2022			1.1	August 2022			1.2
July 2022			1.7	July 2022			0.7	July 2022			2.2	July 2022			1.1	July 2022			1.1
June 2022			1.6	June 2022			0.8	June 2022			2.1	June 2022			1.0	June 2022			1.1
May 2022	28.04 - 31.05	0.5	1.5	May 2022	28.04 - 31.05	0.2	0.7	May 2022	28.04 - 31.05	0.2	2.0	May 2022	28.04 - 31.05	0.4	1.0	May 2022	28.04 - 31.05	0.2	1.0
April 2022	25.03 - 28.04	1	1.7	April 2022	25.03 - 28.04	0.2	0.8	April 2022	25.03 - 28.04	0.6	2.1	April 2022	25.03 - 28.04	1	1.0	April 2022	25.03 - 28.04	0.7	1.1
March 2022	24.02 - 25.03	2.3	1.7	March 2022	24.02 - 25.03	1.4	0.8	March 2022	24.02 - 25.03	2.6	2.1	March 2022	24.02 - 25.03	0.9	1.1	March 2022	24.02 - 25.03	2	1.1
February 2022	31.01 - 24.02	1.1	1.7	February 2022	31.01 - 24.02	0.3	0.8	February 2022	31.01 - 24.02	2.3	2.1	February 2022	31.01 - 24.02	0.2	1.1	February 2022	31.01 - 24.02	1	1.1
January 2022	21.12.21 - 31.01.22	2.4	1.8	January 2022	21.12.21 - 31.01.22	1.3	0.9	January 2022	21.12.21 - 31.01.22	2.3	2.1	January 2022	21.12.21 - 31.01.22	1.3	1.3	January 2022	21.12.21 - 31.01.22	1.8	1.0
<b>2021</b>																			
December 2021	30.11 - 21.12	3.6	1.7	December 2021	30.11 - 21.12	1	0.8	December 2021	30.11 - 21.12	4.1	2.1	December 2021	30.11 - 21.12	1.3	1.3	December 2021	30.11 - 21.12	1.8	1.0
November 2021		3.3	1.5	November 2021		1.2	0.8	November 2021		8.1	1.9	November 2021		3	1.3	November 2021		2.3	0.9
October 2021		1.5	1.4	October 2021		1.1	0.8	October 2021		1.4	1.3	October 2021		1.6	1.2	October 2021		1.1	0.8
September 2021		0.4	1.4	September 2021		0.2	0.8	September 2021		0.2	1.2	September 2021		0.2	1.1	September 2021		0.2	0.9
August 2021		0.6	1.4	August 2021		0.5	0.8	August 2021		0.6	1.2	August 2021		0.8	1.1	August 2021		0.3	0.9
July 2021		0.9	1.4	July 2021		0.9	0.8	July 2021		1.2	1.2	July 2021		0.5	1.1	July 2021		0.8	0.9
June 2021		0.8	1.3	June 2021		0.4	0.9	June 2021		0.3	1.1	June 2021		0.3	1.1	June 2021		0.2	1.1
May 2021		1.9	1.3	May 2021		1	0.9	May 2021		1.2	1.1	May 2021		1.1	1.1	May 2021		1.2	1.1
April 2021		1.8	1.2	April 2021		0.8	1.0	April 2021		0.4	1.0	April 2021		1.7	1.0	April 2021		0.6	1.0
March 2021		1.9	1.2	March 2021		0.7	1.0	March 2021		2.9	1.1	March 2021		1.7	0.9	March 2021		1.3	1.1
February 2021		2	1.2	February 2021		1.4	1.0	February 2021		2.7	1.0	February 2021		2.2	0.9	February 2021		0.7	1.0
January 2021		N/A	1.3	January 2021		N/A	1.0	January 2021		N/A	1.0	January 2021		N/A	0.8	January 2021		N/A	1.1
<b>2020</b>																			
December 2020		N/A	1.3	December 2020		N/A	1.0	December 2020		N/A	1.0	December 2020		N/A	0.8	December 2020		N/A	1.1
November 2020		2.4	1.3	November 2020		0.9	1.0	November 2020		1.8	1.0	November 2020		1.7	0.8	November 2020		1.7	1.1
October 2020		0.9	2.0	October 2020		1.1	1.8	October 2020		0.7	1.3	October 2020		0.7	1.5	October 2020		1.6	1.6
September 2020		0.9	2.1	September 2020		0.4	1.8	September 2020		0.4	1.4	September 2020		0.4	1.6	September 2020		0.6	1.7
August 2020		0.5	2.1	August 2020		0.4	1.9	August 2020		0.2	1.5	August 2020		0.6	2.0	August 2020		0.2	1.8
July 2020		0.3	2.2	July 2020		1.9	2.0	July 2020		0.6	1.5	July 2020		0.6	2.2	July 2020		3	1.9
June 2020		0.6	2.3	June 2020		0.8	1.9	June 2020		0.2	1.5	June 2020		0.2	2.2	June 2020		0.3	1.7
May 2020		0.5	2.4	May 2020		1.4	2.2	May 2020		0.5	1.6	May 2020		0.2	2.3	May 2020		0.4	1.9
April 2020		1.6	2.5	April 2020		1	2.3	April 2020		1.3	1.7	April 2020		1	2.4	April 2020		0.8	2.0
March 2020		2.1	3.8	March 2020		1	5.4	March 2020		1.4	3.0	March 2020		1.1	3.8	March 2020		0.7	3.3
February 2020		3.3	5.0	February 2020		1.4	6.8	February 2020		2.4	4.3	February 2020		1.7	3.9	February 2020		1.5	4.8
January 2020		N/A	5.0	January 2020		N/A	7.1	January 2020		N/A	4.5	January 2020		N/A	4.2	January 2020		N/A	5.1
<b>2019</b>																			
December 2019		N/A	4.8	December 2019		N/A	6.7	December 2019		N/A	4.6	December 2019		N/A	3.8	December 2019		N/A	5.0
November 2019		9	4.7	November 2019		8.3	6.4	November 2019		5.4	4.5	November 2019		8.6	3.7	November 2019		7	4.8
October 2019		1.9	4.3	October 2019		1.2	6.2	October 2019		1.8	4.4	October 2019		1.8	3.2	October 2019		2	4.6
September 2019		1.5	4.5	September 2019		1.9	6.8	September 2019		0.9	4.7	September 2019		4.2	3.4	September 2019		1.7	4.9
August 2019		1.2	4.8	August 2019		1	7.3	August 2019		0.5	5.1	August 2019		2.6	3.3	August 2019		1.6	5.2
July 2019		1.3	4.9	July 2019		1.2	7.6	July 2019		0.9	5.1	July 2019		1	3.1	July 2019		0.8	5.1
June 2019		1.3	5.1	June 2019		3.6	7.5	June 2019		0.5	5.1	June 2019		0.8	3.1	June 2019		2	5.2
May 2019		1.6	5.6	May 2019		2	8.0	May 2019		2.3	5.7	May 2019		1.4	3.4	May 2019		1.7	5.6
April 2019		14.9	6.2	April 2019		32.5	8.9	April 2019		14.3	6.2	April 2019		14.8	3.7	April 2019		14.3	6.2
March 2019		14.2	4.3	March 2019		14.9	4.5	March 2019		14.2	4.4	March 2019		2.2	1.8	March 2019		15.1	4.3
February 2019		2.9	2.4	February 2019		4.2	2.7	February 2019		4.9	2.7	February 2019		1.7	1.6	February 2019		5	2.2
January 2019		3.1	2.4	January 2019		2.7	2.3	January 2019		4.4	2.6	January 2019		2.5	1.6	January 2019		4.1	1.7
<b>2018</b>																			
December 2018		3	2.3	December 2018		3.5	2.2	December 2018		3.9	2.6	December 2018		2.4	1.5	December 2018		2.2	1.3
November 2018		N/A	2.2	November 2018		N/A	1.9	November 2018		N/A	2.4	November 2018		N/A	1.3	November 2018		N/A	1.3
October 2018		N/A	2.1	October 2018		N/A	2.0	October 2018		N/A	2.3	October 2018		N/A	1.7	October 2018		N/A	1.3
September 2018		N/A	2.1	September 2018		N/A	1.9	September 2018		N/A	2.2	September 2018		N/A	1.6	September 2018		N/A	1.3
August 2018		1.6	1.9	August 2018		3.4	1.9	August 2018		0.9	2.0	August 2018		1.2	1.5	August 2018		1.1	1.2
July 2018		3.5	2.0	July 2018		1.1	3.3	July 2018		0.9	2.0	July 2018		0.9	1.4	July 2018		1.5	1.2
June 2018		N/A	1.8	June 2018		N/A	3.5	June 2018		N/A	2.0	June 2018		N/A	1.4	June 2018		N/A	1.2
May 2018		N/A	1.8	May 2018		N/A	3.5	May 2018		N/A	2.0	May 2018		N/A	1.4	May 2018		N/A	1.2
April 2018		1.5	1.8	April 2018		1.4	3.5	April 2018		1.7	2.0	April 2018		1.4	1.4	April 2018		1	1.2
March 2018		1.4	1.9	March 2018		2.3	3.7	March 2018		2.4	2.0	March 2018		1.1	1.3	March 2018		0.6	1.2
February 2018		2.5	1.9	February 2018		2	3.9	February 2018		4.1	2.0	February 2018		1.9	1.4	February 2018		1.3	1.3
January 2018		2.7	1.8	January 2018		2	4.1	January 2018		4.1	1.7	January 2018		1.9	1.3	January 2018		1.3	1.3
<b>2017</b>																			
December 2017		2	1.7	December 2017		1.4	4.5	December 2017		2.7	1.3	December 2017		0.5	1.2	December 2017		2.3	1.3
November 2017		1.7	1.6	November 2017		2.2	5.1	November 2017		1.6	1.0	November 2017		4.5	1.3	November 2017		1.3	1.1
October 2017		1.6	1.6	October 2017		1.2	5.8	October 2017		1.3	0.9	October 2017		0.8	0.6	October 2017		1.4	1.0
September 2017		0.8	1.6	September 2017		1.7	7.4	September 2017		0.2	0.7	September 2017		0.4	0.5	September 2017		0.5	0.9
August 2017		2.4	2.0	August 2017		18.1	10.2	August 2017		0.6	1.0	August 2017		0.4	0.5	August 2017		0.8	1.1
July 2017		1.6	1.6	July 2017		2.3	2.3	July 2017		1.3	1.3	July 2017		0.6	0.6	July 2017		1.3	1.3