

East Guyong Quarry Information

Premise Details	Hanson – East Guyong Quarry
Address	3410 Mitchell Highway Byng NSW 2798
Licensee	Hanson Construction Materials Pty Ltd
EPL Number	20190
EPL Location	https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=164181&SYS_UID=1&LICID=20190

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 10406 (EPL 20190 – East Guyong Quarry)

This report provides environmental monitoring data for East Guyong Quarry for the period 1 January 2016 to 17 February 2022.

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

- Deposited Dust (monthly monitoring)
- Blasting
- PM10
- Water discharge
- Noise

Discharge at Point 1, 2, 3, 4 require the following monitoring requirements

Pollutant	Units of measure	Frequency	Sampling Method
Ash	grams per square metre per month	Monthly	Australian Standard 3580.10.1-1991
Insoluble solids	grams per square metre per month	Monthly	Australian Standard 3580.10.1-1991
Soluble matter	grams per square metre per month	Monthly	Australian Standard 3580.10.1-1991
Total Solid Particles	grams per square metre per month	Monthly	Australian Standard 3580.10.1-1991

Noise (L2)

L2.2 Noise from the premises must not exceed an Laeq (15 minute) noise emission criterion of 35 dB(A) (6am to 10pm) at the boundary (or within 30 metres of the dwelling) of any dwelling at Lot 61 "Briarlea" and Lot 20.

Blast (L3)

L3.1 The overpressure level from blasting operations on the premises must not:

- a) Exceed 115dB (Lin Peak) for more than 5% of the total number of blasts over a period of 12 months;
- and
- b) Exceed 120dB (Lin Peak) at any time.

L3.2 Ground vibration peak particle velocity from the blasting operations at the premises must not:

- a) Exceed 5mm/s for more than 5% of the total number of blasts over a period of 12 months; and
 - b) Exceed 10mm/s at any time.
- when measured at any point within 1 metre of any affected residential boundary or other noise sensitive location such as a school or hospital

Dust Deposition Gauge Monthly Monitoring																	
DDG 1 (Sampling Point 1)				DDG 2 (Sampling Point 3)					DDG 3 (Sampling Point 4)				DDG 4 (Sampling Point 7)				
Month and Year	Date data obtained	Total Insoluble Matter g/m2/month	Rolling Annual Average	Month and Year	Date data obtained	Total Insoluble Matter g/m2/month	Ash Content (g/m2/month)	Combustible Matter (g/m2/month)	Rolling Annual Average	Month and Year	Date data obtained	Total Insoluble Matter g/m2/month	Rolling Annual Average	Month and Year	Date data obtained	Total Insoluble Matter g/m2/month	Rolling Annual Average
2022																	
December 2022			0.7	December 2022					14.9	December 2022			1.3	December 2022			1.5
November 2022			0.9	November 2022					22.7	November 2022			1.6	November 2022			2.6
October 2022			1.0	October 2022					23.8	October 2022			2.2	October 2022			2.3
September 2022			1.1	September 2022					21.5	September 2022			2.6	September 2022			2.3
August 2022			1.1	August 2022					20.2	August 2022			2.9	August 2022			2.2
July 2022			1.0	July 2022					18.7	July 2022			2.7	July 2022			2.1
June 2022	8/07/2022	0.2	1.0	June 2022	8/07/2022	0.7	0.5	0.2	18.6	June 2022	8/07/2022	1.4	2.6	June 2022	8/07/2022	4	2.0
May 2022	8/07/2022	0.5	1.0	May 2022	8/07/2022	0.2	0.1	0.1	19.1	May 2022	8/07/2022	0.3	2.5	May 2022	8/07/2022	0.4	1.7
April 2022	8/07/2022	2.4	1.0	April 2022	8/07/2022	1	0.8	0.2	20.5	April 2022	8/07/2022	1.6	2.6	April 2022	8/07/2022	0.9	1.7
March 2022	5/05/2022	0.2	0.8	March 2022	5/05/2022	1.1	0.5	0.6	21.6	March 2022	5/05/2022	0.9	2.6	March 2022	5/05/2022	0.4	1.7
February 2022	5/05/2022	0.1	0.9	February 2022	5/05/2022	4.8	1.8	3	22.6	February 2022	5/05/2022	0.6	2.6	February 2022	5/05/2022	0.8	1.7
January 2022	5/05/2022	0.8	0.9	January 2022	5/05/2022	81.7	55.3	25.8	22.5	January 2022	5/05/2022	3	2.7	January 2022	5/05/2022	2.6	1.8
2021																	
December 2021	17/02/2022	2.2	0.9	December 2021	17/02/2022	69.7			16.5	December 2021	17/02/2022	3.6	2.5	December 2021	17/02/2022	9.3	3.6
November 2021	17/02/2022	1.4	0.8	November 2021	17/02/2022	31.1			11.0	November 2021	17/02/2022	6.3	2.2	November 2021	17/02/2022	0.1	3.6
October 2021	17/02/2022	2	0.8	October 2021	17/02/2022	2.9			8.9	October 2021	17/02/2022	5.8	1.8	October 2021	17/02/2022	2.4	3.5
September 2021	1/11/2021	1.3	0.7	September 2021	1/11/2021	9.1			8.7	September 2021	1/11/2021	5.1	1.6	September 2021	1/11/2021	1.4	3.2
August 2021	27/10/2021	0.3	0.6	August 2021	27/10/2021	3.1			8.0	August 2021	27/10/2021	0.7	1.3	August 2021	27/10/2021	0.5	3.6
July 2021	9/09/2021	0.5	0.6	July 2021	9/09/2021	17.2			7.8	July 2021	9/09/2021	1.8	1.3	July 2021	9/09/2021	0.8	3.6
June 2021	12/07/2021	0.4	0.6	June 2021	12/07/2021	7.5			6.3	June 2021	12/07/2021	0.5	1.3	June 2021	12/07/2021	0.5	3.6
May 2021	10/06/2021	0.4	0.6	May 2021	10/06/2021	16.3			5.8	May 2021	10/06/2021	1.8	1.5	May 2021	10/06/2021	0.7	3.7
April 2021	7/05/2021	0.2	0.6	April 2021	7/05/2021	14.3			4.5	April 2021	7/05/2021	1.1	1.5	April 2021	7/05/2021	0.3	3.8
March 2021	4/05/2021	0.7	0.7	March 2021	4/05/2021	13.3			3.9	March 2021	4/05/2021	0.9	1.9	March 2021	4/05/2021	0.9	4.0
February 2021	20/04/2021	0.7	0.7	February 2021	20/04/2021	3.4			2.9	February 2021	20/04/2021	1.3	2.0	February 2021	20/04/2021	2.4	3.6
January 2021	2/03/2021	0.4	1.3	January 2021	2/03/2021	9.7			3.3	January 2021	2/03/2021	0.5	2.5	January 2021	2/03/2021	3.7	3.3
2020																	
December 2020	14/01/2021	1.5	1.9	December 2020	14/01/2021	3.6			2.9	December 2020	14/01/2021	0.6	3.1	December 2020	14/01/2021	2.9	3.6
November 2020	14/01/2021	0.9	1.8	November 2020	14/01/2021	5.9			2.7	November 2020	14/01/2021	1.9	3.2	November 2020	14/01/2021	7.8	3.6
October 2020	26/11/2020	0.7	2.1	October 2020	26/11/2020	0.5			2.7	October 2020	26/11/2020	3.5	3.4	October 2020	26/11/2020	5.3	3.5
September 2020	26/11/2020	0.4	2.3	September 2020	26/11/2020	0.6			3.0	September 2020	26/11/2020	0.6	3.4	September 2020	26/11/2020	1.6	3.2
August 2020	23/09/2020	0.6	2.7	August 2020	23/09/2020	0.8			3.2	August 2020	23/09/2020	1.6	3.9	August 2020	23/09/2020	0.8	3.6
July 2020	26/08/2020	0.1	2.7	July 2020	26/08/2020	0.7			3.2	July 2020	26/08/2020	1.2	4.4	July 2020	26/08/2020	0.4	3.6
June 2020	13/08/2020	0.2	2.8	June 2020	13/08/2020	0.3			5.3	June 2020	13/08/2020	3.1	4.8	June 2020	13/08/2020	0.9	3.6
May 2020	20/07/2020	1	2.9	May 2020	20/07/2020	0.5			4.9	May 2020	20/07/2020	1.7	4.6	May 2020	20/07/2020	0.7	3.7
April 2020	2/06/2020	0.6	2.9	April 2020	2/06/2020	7.4			5.0	April 2020	2/06/2020	6.1	4.6	April 2020	2/06/2020	1	3.8
March 2020	22/04/2020	1.2	3.1	March 2020	22/04/2020	1.8			4.5	March 2020	22/04/2020	1.4	4.4	March 2020	22/04/2020	6.7	4.0
February 2020	6/04/2020	8.1	3.1	February 2020	6/04/2020	7.5			4.5	February 2020	6/04/2020	7.9	4.4	February 2020	6/04/2020	5.8	3.6
January 2020	9/03/2020	7	2.6	January 2020	9/03/2020	5			3.9	January 2020	9/03/2020	7	3.9	January 2020	9/03/2020	9.5	3.3
2019																	
December 2019	21/01/2020	0.7	2.1	December 2019	21/01/2020	1.9			3.7	December 2019	21/01/2020	1.8	3.5	December 2019	January 2020	3.2	3.0
November 2019	20/12/2019	4.4	2.2	November 2019	20/12/2019	4.8			3.9	November 2019	20/12/2019	4.5	3.8	November 2019	December 2019	5.7	3.2
October 2019	4/12/2019	3.2	2.1	October 2019	4/12/2019	4.2			3.7	October 2019	4/12/2019	3.9	3.8	October 2019	December 2019	2.5	3.0
September 2019	14/10/2019	5.3	1.9	September 2019	14/10/2019	3.3			3.5	September 2019	14/10/2019	6.9	3.7	September 2019	October 2019	5.5	2.8
August 2019	24/09/2019	1.1	1.7	August 2019	24/09/2019	1.4			3.3	August 2019	24/09/2019	7.7	3.3	August 2019	September 2019	1.1	2.5
July 2019	7/08/2019	1.1	1.7	July 2019	7/08/2019	20.6			3.3	July 2019	7/08/2019	5.6	2.8	July 2019	August 2019	1	2.5
June 2019	7/08/2019	0.8	1.7	June 2019	7/08/2019	0.6			1.7	June 2019	7/08/2019	1	2.5	June 2019	August 2019	1.1	3.1
May 2019	27/06/2019	1.2	1.7	May 2019	27/06/2019	1.1			1.7	May 2019	27/06/2019	0.8	2.5	May 2019	June 2019	2.9	3.1
April 2019	20/05/2019	2.7	1.6	April 2019	20/05/2019	1.6			1.9	April 2019	20/05/2019	3.8	2.6	April 2019	May 2019	2.5	3.0
March 2019	13/05/2019	2	1.5	March 2019	13/05/2019	1.5			2.1	March 2019	13/05/2019	2.1	2.5	March 2019	May 2019	2.7	3.0
February 2019	5/03/2019	1.3	1.5	February 2019	5/03/2019	1.2			3.3	February 2019	5/03/2019	1.2	2.4	February 2019	March 2019	1.5	3.0
January 2019	6/02/2019	1.6	1.5	January 2019	6/02/2019	2.4			3.7	January 2019	6/02/2019	2.6	2.3	January 2019	February 2019	5.9	3.2
2018																	
December 2018	21/01/2019	N/A	1.4	December 2018	21/01/2019	4.6			3.7	December 2018	21/01/2019	5	2.2	December 2018	January 2019	5.4	2.8
November 2018	21/01/2019	3.1	1.4	November 2018	21/01/2019	2.4			3.4	November 2018	21/01/2019	4.9	1.8	November 2018	January 2019	3.3	2.5
October 2018	4/12/2018	1	1.3	October 2018	4/12/2018	0.7			3.5	October 2018	4/12/2018	2.5	1.5	October 2018	October 2018	0.7	2.4
September 2018	31/10/2018	2.7	1.2	September 2018	31/10/2018	1			3.5	September 2018	31/10/2018	2.1	1.4	September 2018	October 2018	1.8	2.7
August 2018	15/10/2018	1.4	1.0	August 2018	15/10/2018	1.6			3.8	August 2018	15/10/2018	2.3	1.3	August 2018	September 2018	1.4	2.9
July 2018	3/09/2018	0.9	1.0	July 2018	3/09/2018	1.1			4.0	July 2018	3/09/2018	1.7	1.2	July 2018	July 2018	7.6	3.3
June 2018	27/07/2018	0.5	0.9	June 2018	27/07/2018	1.6			3.9	June 2018	27/07/2018	1.2	1.1	June 2018	July 2018	1.4	1.8
May 2018	6/07/2018	0.5	0.9	May 2018	6/07/2018	3.3			4.6	May 2018	6/07/2018	1.7	1.0	May 2018	May 2018	1.7	2.0
April 2018	30/05/2018	1	0.9	April 2018	30/05/2018	4.2			4.4	April 2018	30/05/2018	2.6	1.3	April 2018	May 2018	2.3	2.3
March 2018	18/05/2018	2.4	0.9	March 2018	18/05/2018	15.7			4.4	March 2018	18/05/2018	1.2	1.2	March 2018			
February 2018	12/04/2018	0.9	1.0	February 2018	12/04/2018	5.4			3.2	February 2018	12/04/2018	0.2	1.2	February 2018			

January 2018	16/03/2018	1.3	1.2	January 2018	16/03/2018	2.8		3.0	January 2018	16/03/2018	0.7	1.4	January 2018		
2017															
December 2017			1.3	December 2017	14/02/2018	2.1		2.8	December 2017	14/02/2018	0.8	1.4			
November 2017	14/02/2018	1.2	1.3	November 2017	29/01/2018	0.5		2.8	November 2017	29/01/2018	0.8	1.5			
October 2017	29/01/2018	0.6	1.3	October 2017	14/11/2017	1.5		3.0	October 2017	14/11/2017	1.6	1.6			
September 2017	14/11/2017	0.8	1.4	September 2017	5/10/2017	3.9		3.2	September 2017	5/10/2017	0.5	1.6			
August 2017	5/10/2017	0.4	1.4	August 2017	23/08/2017	3.7		3.1	August 2017	23/08/2017	1.1	1.7			
July 2017	23/08/2017	0.5	1.6	July 2017	13/07/2017	0.4		3.1	July 2017	13/07/2017	0.6	1.8			
June 2017	13/07/2017	0.3	1.8	June 2017	19/06/2017	8.9		3.6	June 2017	19/06/2017	0.2	2.1			
May 2017	19/06/2017	0.3	2.0	May 2017	12/05/2017	1.7		2.3	May 2017	12/05/2017	4.8	2.5			
April 2017	12/05/2017	1.2	2.5	April 2017	12/05/2017	4.4		2.4	April 2017	12/05/2017	2.1	1.8			
March 2017	12/05/2017	3.8	2.9	March 2017	7/04/2017	2.1		1.5	March 2017	7/04/2017	0.8	1.6			
February 2017	7/04/2017	2.9	2.5	February 2017				0.8	February 2017			2.4			
January 2017	7/03/2017	2	2.0	January 2017	7/03/2017	0.8		0.8	January 2017	7/03/2017	2.4	2.4			
2016															
December 2016	6/02/2017	0.8	0.8	December 2016	6/02/2017	1.2		1.3	December 2016	6/02/2017	2.7	1.6			
November 2016	3/02/2017	0.8	0.8	November 2016	3/02/2016	3.6		1.4	November 2016	3/02/2016	2.5	1.5			
October 2016	20/12/2016	1.7	0.8	October 2016	20/12/2016	1.3		1.1	October 2016	20/12/2016	1.8	1.4			
September 2016	20/12/2016	0.4	0.7	September 2016	20/12/2016	0.5		1.1	September 2016	20/12/2016	0.6	1.3			
August 2016	21/11/2016	0.3	0.8	August 2016	21/11/2016	1.5		1.2	August 2016	21/11/2016	0.6	1.4			
July 2016	4/10/2016	0.5	0.8	July 2016	4/10/2016	0.3		1.1	July 2016	4/10/2016	4.7	1.5			
June 2016	29/08/2016	0.5	0.9	June 2016	29/08/2016	1.5		1.3	June 2016	29/08/2016	0.6	1.0			
May 2016	25/07/2016	0.8	0.9	May 2016	25/07/2016	0.2		1.2	May 2016	25/07/2016	0.4	1.1			
April 2016	25/07/2016	0.3	1.0	April 2016	25/07/2016	1.6		1.5	April 2016	25/07/2016	1	1.3			
March 2016	1/06/2016	0.5	1.2	March 2016	1/06/2016	0.7		1.5	March 2016	1/06/2016	1.6	1.3			
February 2016	4/05/2016	1.8	1.6	February 2016	4/05/2016	1.5		1.9	February 2016	4/05/2016	1.1	1.2			
January 2016	1/04/2016	1.3	1.3	January 2016	1/04/2016	2.2		2.2	January 2016	1/04/2016	1.3	1.3			
2015															
December 2015	3/03/2016	0.6	0.6	December 2015	3/03/2016	6.3		1.4	December 2015	3/03/2016	2.3	1.6			
November 2015	21/12/2015	0.4	0.5	November 2015	21/12/2015	0.4		1.0	November 2015	21/12/2015	3.1	1.5			
October 2015	17/11/2015	0.3	0.6	October 2015	17/11/2015	0.5		1.0	October 2015	17/11/2015	1	1.4			
September 2015	22/10/2015	0.3	0.6	September 2015	22/10/2015	0.3		1.1	September 2015	22/10/2015	0.7	1.4			
August 2015	17/09/2015	0.3	0.6	August 2015	17/09/2015	0.3		1.2	August 2015	17/09/2015	0.6	1.5			
July 2015	6/08/2015	0.7	0.7	July 2015	6/08/2015	0.4		1.3	July 2015	6/08/2015	5.3	1.6			
June 2015	3/07/2015	0.5	0.7	June 2015	3/07/2015	1.2		1.4	June 2015	3/07/2015	0.9	1.0			
May 2015	2/06/2015	1.2	0.7	May 2015	2/06/2015	0.7		1.5	May 2015	2/06/2015	2.1	1.0			
April 2015	5/05/2015	0.8	0.6	April 2015	5/05/2015	0.4		1.7	April 2015	5/05/2015	0.5	0.8			
March 2015	14/04/2015	0.6	0.5	March 2015	14/04/2015	3.7		2.1	March 2015	14/04/2015	1.2	0.8			
February 2015	9/03/2015	0.2	0.5	February 2015	9/03/2015	0.6		1.3	February 2015	9/03/2015	0.3	0.7			
January 2015	25/02/2015	0.7	0.7	January 2015	25/02/2015	2		2.0	January 2015	25/02/2015	1	1.0			
2014															
December 2014	4/02/2015	0.7	0.6	December 2014	4/02/2015	1.2		1.9	December 2014	4/02/2015	0.7	3.4			
November 2014	12/01/2015	0.7	0.6	November 2014	12/01/2015	4.3		1.9	November 2014	12/01/2015	2	3.6			
October 2014	12/01/2015	1.2	0.6	October 2014	12/01/2015	0.6		1.7	October 2014	12/01/2015	1.9	3.8			
September 2014	14/10/2014	0.6	0.5	September 2014	14/10/2014	0.2		1.8	September 2014	14/10/2014	6.7	4.0			
August 2014	24/09/2014	0.5	0.5	August 2014	24/09/2014	4.9		2.0	August 2014	24/09/2014	16.4	3.6			
July 2014	28/08/2014	0.3	0.5	July 2014	28/08/2014	0.5		1.6	July 2014	28/08/2014	0.4	1.8			
June 2014	1/08/2014	0.1	0.5	June 2014	1/08/2014	0.1		1.8	June 2014	1/08/2014	0.5	2.0			
May 2014	30/06/2014	0.2	0.6	May 2014	30/06/2014	5.8		2.2	May 2014	30/06/2014	3.8	2.3			
April 2014	15/05/2014	0.8	0.7	April 2014	15/05/2014	0.2		1.3	April 2014	15/05/2014	1.3	2.0			
March 2014	15/05/2014	0.7	0.6	March 2014	15/05/2014	0.9		1.6	March 2014	15/05/2014	2.1	2.2			
February 2014	14/03/2014	1	0.6	February 2014	14/03/2014	1.1		2.0	February 2014	14/03/2014	2.3	2.2			
January 2014	11/02/2014	0.2	0.2	January 2014	11/02/2014	2.8		2.8	January 2014	11/02/2014	2.1	2.1			
2013															
December 2013	14/01/2014	0.8	0.4	December 2013	14/01/2014	2.7		1.0	December 2013	14/01/2014	8.4	1.8			
November 2013	9/12/2013	0.4	0.3	November 2013	9/12/2013	1.3		0.8	November 2013	9/12/2013	2.7	1.0			
October 2013	26/11/2013	0.2	0.3	October 2013	26/11/2013	0.8		0.8	October 2013	26/11/2013	1.4	0.8			
September 2013	26/11/2013	0.9	0.4	September 2013	26/11/2013	0.4		0.8	September 2013	26/11/2013	0.8	0.7			
August 2013	6/09/2013	0.2	0.3	August 2013	6/09/2013	0.2		0.9	August 2013	6/09/2013	0.4	0.7			
July 2013	28/08/2013	0.3	0.3	July 2013	28/08/2013	0.2		1.0	July 2013	28/08/2013	0.4	0.8			
June 2013	8/07/2013	0.1	0.3	June 2013	8/07/2013	0.1		1.2	June 2013	8/07/2013	0.8	0.9			
May 2013		0.7	0.3	May 2013		1.2		1.5	May 2013		1	0.9			
April 2013		0.2	0.2	April 2013		2.4		1.7	April 2013		0.9	0.8			
March 2013		0.1	0.1	March 2013		1		1.0	March 2013		0.7	0.7			
February 2013				February 2013					February 2013						
January 2013				January 2013					January 2013						

Blast Monitoring

Date	Blast Location	Blast #	Monitor Location	Air Blast dBL	Ground Vibration (m/s)	Comment	Comment
2022							
	Cadira Vale	13_22		5m/s		115 dBL	
	Hartley Cottage						
	Access road						
	Fairview						
	Cadira						
	Cadira Vale	12_22		5m/s		115 dBL	
	Hartley Cottage						
	Access road						
	Fairview						
	Cadira						
	Cadira Vale	11_22		5m/s		115 dBL	
	Hartley Cottage						
	Access road						
	Fairview						
	Cadira						
	Cadira Vale	10_22		5m/s		115 dBL	
	Hartley Cottage						
	Access road						
	Fairview						
	Cadira						
19.7.22	Cadira Vale	9_22	0.52	5m/s	113	115 dBL	ok
	Hartley Cottage		0.56		100.2		ok
	Access road		0.24		101.9		ok
	Fairview		2.16		103.1		ok
	Cadira		0		0		No Trigger event
5.7.22	Cadira Vale	8_22	0.22	5m/s	110.4	115 dBL	ok
	Hartley Cottage		1.45		98.9		ok
	Access road		0.58		95.9		ok
	Fairview		0.54		100.9		ok
	Cadira		1.45		98.9		ok
10.6.22	Cadira Vale	7_22	1.78	5m/s	105.1	115 dBL	ok
	Hartley Cottage		1.04		107		ok
	Access road		0		0		No Trigger event
	Fairview		0		0		No Trigger event
	Cadira		2.14		107.4		ok
30.5.22	Cadira Vale	6_22	0.56	5m/s	112.2	115 dBL	ok
	Hartley Cottage		0.67		100.6		ok
	Access road		0.77		103.9		ok
	Fairview		1.23		108		ok
	Cadira		0.54		95.8		ok
26.4.22	Cadira Vale	5_22	1.35	5m/s	106.3	115 dBL	ok
	Hartley Cottage		0.9		102.2		ok
	Access road		0.57		100.2		ok
	Fairview		0.08		111		ok
	Cadira		1.41		105.9		ok
14.4.22	Cadira Vale	4_22	0.63	5m/s	110.9	115 dBL	ok
	Hartley Cottage		0		0		No Trigger event
	Access road		0.69		99.4		ok
	Fairview		1.32		101.4		ok
	Cadira		0		0		No Trigger event
29.3.2022	Cadira Vale	3_22	0.1	5m/s	114.3	115 dBL	ok
	Hartley Cottage		0		0		No Trigger event
	Access road		0.83		100.2		ok
	Fairview		1.18		102.1		ok
	Cadira		0		0		No Trigger event
22.2.2022	Cadira Vale	2_22	0.56	5m/s	113.6	115 dBL	ok
	Hartley Cottage		0		0		No Trigger event
	Access road		0.95		99.9		ok
	Fairview		1.31		105.5		ok
	Cadira		0		0		No Trigger event
	Cadira Vale		0.49		111.8		ok

1/02/2022	Hartley Cottage	1_22	0	5m/s	0	115 dBL	No Trigger event
	Access road		0		0		No Trigger event
	Fairview		0.81		105		ok
	Cadira		0		0		No Trigger event
18/01/2022	Cadira Vale	0_22	0	5m/s	0	115 dBL	No Trigger event
	Hartley Cottage		0		0		No Trigger event
	Access road		0		0		No Trigger event
	Fairview		0		0		No Trigger event
	Cadira		0		0		No Trigger event
2021							
10.12.21	Cadira Vale	12_21	0.59	5m/s	102.9	115 dBL	Ok
	Hartley Cottage		0.64		108.9		Ok
	Access road		0.37		101.8		Ok
	Fairview		0.71		104.4		OK
	Cadira		0.947		103.5		OK
19.11.21	Cadira Vale	11_21	0	5m/s	0	115 dBL	No Trigger event
	Hartley Cottage		0		0		No Trigger event
	Access road		0.45		102.2		Ok
	Fairview		1.1		101.7		Ok
	Cadira		0.07		104.7		Ok
13.10.21	Cadira Vale	10_21	0	5m/s	0	115 dBL	No Trigger event
	Hartley Cottage		0		0		No Trigger event
	Access road		0		0		No Trigger event
	Fairview		0.53		107.4		OK
	Cadira		0.95		110.2		OK
16.09.21	Cadira Vale	8a_21	0	5m/s	0	115 dBL	No Trigger event
	Hartley Cottage		0.43		103.5		Ok
	Access road		0		0		No Trigger event
	Fairview		0.71		105.4		Ok
	Cadira		1.67		108.6		Ok
05.08.2021	Cadira Vale	9_21	0	5m/s	0	115 dBL	No Trigger event
	Hartley Cottage		0		0		No Trigger event
	Access road		0		0		No Trigger event
	Fairview		0		0		No Trigger event
	Cadira		1.34		114.6		Ok
05.08.2021	Cadira Vale	8_21	0	5m/s	0	115 dBL	No Trigger event
	Hartley Cottage		0		0		No Trigger event
	Access road		0		0		No Trigger event
	Fairview		0		0		No Trigger event
	Cadira		0.79		108.9		Ok
24.06.2021	Cadira Vale	7_21	0	5m/s	0	115 dBL	No Trigger event
	Hartley Cottage		0		0		No Trigger event
	Access road		0.86		106.9		Ok
	Fairview		0.8		106.7		Ok
	Cadira		0.58		101.2		Ok
08.06.2021	Cadira Vale	6_21	0.54	5m/s	99.2	115 dBL	Ok
	Hartley Cottage		0.82		104.8		Ok
	Access road		0.35		110.4		Ok
	Fairview		0		0		No Trigger event
	Cadira		2.79		102.2		Ok
26.05.2021	Cadira Vale	5_21	0	5m/s	0	115 dBL	No Trigger event
	Hartley Cottage		0.08		112.7		Ok
	Access road		0		0		No Trigger event
	Fairview		0.56		103.5		Ok
	Cadira		0.08		111.9		Ok
22.04.2021	Cadira Vale	4_21	0.56	5m/s	103.4	115 dBL	Ok
	Hartley Cottage		0.97		105.6		Ok
	Access road		0		0		No Trigger event
	Fairview		0		0		No Trigger event
	Cadira		1.66		104		ok
14.04.2021	Cadira Vale	3_21	0	5m/s	0	115 dBL	No Trigger event
	Hartley Cottage		0		0		No Trigger event
	Access road		0.73		103.8		Ok
	Fairview		0.53		104.7		Ok
	Cadira		0.6		96.1		OK
	Cadira Vale		0.16		108.8		Ok

24.02.2021	Hartley Cottage	2_21	0	5m/s	0	115 dBL	No Trigger event
	Access road		0.58		99		Ok
	Fairview		0.55		105.8		Ok
	Cadira		0		0		No Trigger event
4.02.2021	Cadira Vale	1_21	0	5m/s	0	115 dBL	No Trigger event
	Hartley Cottage		0.87		102		Ok
	Access road		0		0		No Trigger event
	Fairview		0		0		No Trigger event
	Cadira		2.2		104		Ok
2020							
18.12.2020	Cadira Vale	20_20/21	0	5m/s	0	115 dBL	No trigger , Popoversize rocks x 2
	Hartley Cottage		0		0		No trigger , Popoversize rocks x 3
	Access road		0		0		No trigger , Popoversize rocks x 4
	Fairview		0		0		No trigger , Popoversize rocks x 5
	Cadira		0		0		No trigger , Popoversize rocks x 6
17.12.2020	Cadira Vale	20_19/15	0.61	5m/s	0.61	115 dBL	Ok
	Hartley Cottage		0.95		0.95		Ok
	Access road		0.73		0.73		Ok
	Fairview		0		0		no trigger
	Cadira		1.08		1.08		Ok
11.12.2020	Cadira Vale	20_17/18	0	5m/s	0	115 dBL	No trigger , Popoversize rocks x 2
	Hartley Cottage		0		0		No trigger , Popoversize rocks x 3
	Access road		0		0		No trigger , Popoversize rocks x 4
	Fairview		0		0		No trigger , Popoversize rocks x 5
	Cadira		0		0		No trigger , Popoversize rocks x 6
10.12.2020	Cadira Vale	20_12/16	0	5m/s	0	115 dBL	no trigger also pop over size rock
	Hartley Cottage		0		0		no trigger also pop over size rock
	Access road		0		0		no trigger also pop over size rock
	Fairview		0		0		no trigger also pop over size rock
	Cadira		0		0		no trigger also pop over size rock
17.11.2020	Cadira Vale	20_14	0	5m/s	112	115 dBL	Ok
	Hartley Cottage		0		0		no trigger
	Access road		1.12		99.1		Ok
	Fairview		0.95		100.2		Ok
	Cadira		0.08		112.8		Ok
29.10.2020	Cadira Vale	20_13	0.79	5m/s	111	115 dBL	Ok
	Hartley Cottage		0.68		107.6		Ok
	Access road		0		0		no trigger
	Fairview		0.51		111.9		Ok
	Cadira		1.1		105.9		Ok
22.09.2020	Cadira Vale	20_11	0	5m/s	0	115 dBL	no trigger
	Hartley Cottage		0		0		no trigger
	Access road		0		0		no trigger
	Fairview		1.01		104.7		ok
	Cadira		0		0		ok
13.08.2020	Cadira Vale	20_10	0.6	5m/s	114.7	115 dBL	Ok
	Hartley Cottage		0		0		no trigger
	Access road		0		0		no trigger
	Fairview		0.66		106.5		Ok
	Cadira		0		0		no trigger
13.08.2020	Cadira Vale	20_09	3.78	5m/s	107.1	115 dBL	Ok
	Hartley Cottage		0		0		no trigger
	Access road		0		0		no trigger
	Fairview		0.59		103.9		Ok
	Cadira		2.73		103.9		Ok
23.07.2020	Cadira Vale	20_08	0.9	5m/s	105.7	115 dBL	no trigger
	Hartley Cottage		0		0		no trigger
	Access road		0.61		102.1		Ok
	Fairview		0.5		104.7		Ok
	Cadira		1.8		93.9		Ok
19.06.2020	Cadira Vale	20_07	0	5m/s	0	115 dBL	no trigger
	Hartley Cottage		0		0		no trigger
	Access road		0		0		no trigger
	Fairview		0		0		no trigger
	Cadira		0		0		no trigger
	Cadira Vale		0.69		109.5		Ok

19.06.2020	Hartley Cottage	20_06	0.12	5m/s	92.3	115 dBL	Ok
	Access road		0.44		102.3		Ok
	Fairview		0.53		103.5		Ok
	Cadira		1.3		100.1		Ok
4.06.2020	Cadira Vale	20_05	4.45	5m/s	106.5	115 dBL	Ok
	Hartley Cottage		0.88		107.5		Ok
	Access road		0		0		no trigger
	Fairview		0		0		no trigger
	Cadira		1.35		105		Ok
9.06.2020	Cadira Vale	20_04	0	5m/s	0	115 dBL	Pop over size, no trigger
	Hartley Cottage		0		0		Pop over size, no trigger
	Access road		0		0		Pop over size, no trigger
	Fairview		0		0		Pop over size, no trigger
	Cadira		0		0		Pop over size, no trigger
16.04.2020	Cadira Vale	20_02	0	5m/s	0	115 dBL	no trigger
	Hartley Cottage		0		0		no trigger
	Access road		0.5		100		Ok
	Fairview		1.37		107		Ok
	Cadira		0.64		101.9		Ok
20.02.2020	Cadira Vale	20_01	3.98	5m/s	111.8	115 dBL	Ok
	Hartley Cottage		0.898		116.1		Exceedance
	Access road		0		0		no trigger
	Fairview		0		0		no trigger
	Cadira		1.3		113		ok
22.01.2020	Cadira Vale	20_03	2.2	5m/s	107	115 dBL	Ok
	Hartley Cottage		0		0		no trigger
	Access road		0		0		no trigger
	Fairview		0.64		108		Ok
	Cadira		0		0		no trigger
2019							
3.12.2019	Cadira Vale	1911	0.51	5m/s	106.5	115 dBL	ok
	Hartley Cottage						No Trigger Activation
	Access road		0.63		114		ok
	Fairview		1.02		103.5		ok
	Cadira						No Trigger Activation
8.11.2019	Cadira Vale	1911	3.96	5m/s	102.8	115 dBL	ok
	Hartley Cottage		0.915		109.6		ok
	Access road		0		0		No Trigger Activation
	Fairview		0		0		No Trigger Activation
	Cadira		0		0		No Trigger Activation
24.10.2019	Cadira Vale	1910	0.62	5m/s	105.5	115 dBL	ok
	Hartley Cottage		0		0		No Trigger Activation
	Access road		0		0		No Trigger Activation
	Fairview		0.741		104.9		ok
	Cadira		0		0		No Trigger Activation
26.09.2019	Cadira Vale	1908	1.98	5m/s	104.9	115 dBL	ok
	Hartley Cottage		0.524		107		ok
	Access road		0.582		101.9		ok
	Fairview		0		0		No Trigger Activation
	Cadira		0.648		98.8		At Cadira House
3.09.2019	Cadira Vale	1909	0	5m/s	0	115 dBL	No Trigger Activation
	Hartley Cottage		0		0		No Trigger Activation
	Access road		0		0		No Trigger Activation
	Fairview		0.925		103.5		ok
	Cadira		0.813		107		ok
8.07.2019	Cadira Vale	43668	3.77	5m/s	106.5	115 dBL	ok
	Hartley Cottage		0.53		119.2		Exceedance
	Access road		0		0		No Trigger Activation
	Fairview		0.56		108		ok
	Cadira		0		0		No Trigger Activation
7.06.2019	Cadira Vale	1906	0.51	5m/s	109.5	115 dBL	N/C
	Hartley Cottage		0		0		No Trigger Activation
	Access road		0		0		No Trigger Activation
	Fairview		0.89		104.2		N/C
	Cadira		0		0		No Trigger Activation
	Cadira Vale		0.76		104.9		N/C

23.05.2019	Hartley Cottage	1905	0	5m/s	0	115 dBL	No Trigger Activation
	Access road		0.51		97.5		N/C
	Fairview		0		0		No Trigger Activation
	Cadira		0		0		No Trigger Activation
03.05.2019	Cadira Vale	1904	0	5m/s	0	115 dBL	No Trigger Activation
	Hartley Cottage		0		0		No Trigger Activation
	Access road		0		0		No Trigger Activation
	Fairview		0		0		No Trigger Activation
	Cadira		0		0		No Trigger Activation
10.04.2019	Cadira Vale	1903	0	5m/s	0	115 dBL	No Trigger Activation
	Hartley Cottage		0		0		No Trigger Activation
	Access road		0		0		No Trigger Activation
	Fairview		0		0		No Trigger Activation
	Cadira		0		0		No Trigger Activation
25.03.2019	Cadira Vale	1902	0.76	5m/s	106	115 dBL	N/C
	Hartley Cottage		0.76		107.5		N/C
	Access road		0		0		No Trigger Activation
	Fairview		1.65		101		N/C
	Cadira		0		0		No Trigger Activation
25.02.2019	Cadira Vale	1901	0	5m/s	0	115 dBL	No Trigger Activation
	Hartley Cottage		0		0		No Trigger Activation
	Access road		0		0		No Trigger Activation
	Fairview		0.85		102.3		N/C
	Cadira		0		0		No Trigger Activation
21.01.2019	Cadira Vale	1814	0.55	5m/s	97.5	115 dBL	N/C
	Hartley Cottage		0		0		No Trigger Activation
	Access road		0		0		No Trigger Activation
	Fairview		1.37		104.2		N/C
	Cadira		0		0		No Trigger Activation
2018							
19.11.2018	Cadira Vale	1813	2.35	5m/s	103.5	115 dBL	
	Hartley Cottage		0		0		No Trigger Activation
	Access road		0.55		95.9		
	Fairview		1.82		100		
	Cadira		0		0		No Trigger Activation
16.10.2018	Cadira Vale	1812	0.63	5m/s	109.2	115 dBL	
	Hartley Cottage		0		0		No Trigger Activation
	Access road		0.51		110.2		
	Fairview		0		0		No Trigger Activation
	Cadira		0		0		No Trigger Activation
24.09.2018	Cadira Vale	1811	0.76	5m/s	106.9	115 dBL	
	Hartley Cottage		0.51		103.5		
	Access road		0		0		No Trigger Activation
	Fairview		0		0		No Trigger Activation
	Cadira		0		0		No Trigger Activation
22.08.2018	Cadira Vale	1810	0.63	5m/s	110.2	115 dBL	
	Hartley Cottage		0		0		No Trigger Activation
	Access road		0		0		No Trigger Activation
	Fairview		0		0		No Trigger Activation
	Cadira		0		0		No Trigger Activation
23.07.2018	Cadira Vale	1809	2.36	5m/s	100.4	115 dBL	
	Hartley Cottage		0		0		No Trigger Activation
	Access road		0		0		No Trigger Activation
	Fairview		0		0		No Trigger Activation
	Cadira		0		0		No Trigger Activation
26.06.2018	Cadira Vale	1807/08	4.93	5m/s	108.2	115 dBL	
	Hartley Cottage		0		0		No Trigger Activation
	Access road		0.69		96		
	Fairview		1.34		101.4		
	Cadira		0		0		No Trigger Activation
28.05.2018	Cadira Vale	1806	2.32	5m/s	106.1	115 dBL	
	Hartley Cottage		0.96		88.2		
	Access road		3.67		103.4		
	Fairview		0		0		No Trigger Activation
	Cadira		0		0		No Trigger Activation
	Cadira Vale		1.83		103.7		

14.05.2018	Hartley Cottage	1805	0.41	5m/s	105.1	115 dBL	
	Access road		0.58		96		
	Fairview		0.56		109.7		
	Cadira		0		0		No Trigger Activation
10.04.2018	Cadira Vale	1804	2.69	5m/s	107.4	115 dBL	
	Hartley Cottage		1.41		85.8		
	Access road		0		0		No Trigger Activation
	Fairview		0		0		No Trigger Activation
27.02.2018	Cadira	1803	0	5m/s	0	115 dBL	No Trigger Activation
	Cadira Vale		2.82		106.5		
	Hartley Cottage		3.82		96.5		
	Access road		0		0		No Trigger Activation
13.02.2018	Fairview	1802	2.5	5m/s	107.6	115 dBL	No Trigger Activation
	Cadira		0		0		No Trigger Activation
	Cadira Vale		3.92		99.4		
	Hartley Cottage		3.16		84.5		
23.01.2018	Access road	1801	0	5m/s	0	115 dBL	No Trigger Activation
	Fairview		1.54		101.6		
	Cadira		0		0		Not used
	Cadira Vale		3.45		102.5		
2017							
16.12.2017	Hartley Cottage	1715	2.84	5m/s	88	115 dBL	No Trigger Activation
	Access road		0		0		No Trigger Activation
	Fairview		1.67		107.3		
	Cadira		2.65		85.8		No Trigger Activation
16.12.2017	BM4175	1715	4.82	5m/s	110.1	115 dBL	-
	BM4188		0.5		84.5		-
	BM4189		0		1		No Trigger Activated
	BM4190		1.73		109.4		-
09.11.2017	BM4175	1714	4.09	5 m/s	114.2	115 dBL	
	BM4188		0.57		84.5		
	BM4189		0		0		No Trigger Activated
	BM4190		0.59		107.8		
06.10.2016	BM4175	1713	4.28	5m/s	109.2	115 dBL	
	BM4188		0.83		108		
	BM4189		0		0		No Trigger Activated
	BM4190		0		0		No Trigger Activated
22.09.2017	BM4175	1711/12	3.45	5 m/s	109.2	115 dBL	
	BM4188		0.48		110.9		
	BM4189		0		0		No Trigger Activated
	BM4190		0		0		No Trigger Activated
29.08.2017	BM4175	1709/10	3.27	5m/s	109	115 dBL	-
	BM4188		0.55		111.7		-
	BM4189		0.17		109.7		-
	BM4190		0.77		104.2		-
05.07.2017	BM4175	1707/08	3.43	5 m/s	107.6	115 dBL	
	BM4188		0.46		110.1		
	BM4189		0		0		No Trigger Activated
	BM4190		0.64		95.1		
06.06.2017	BM4175	1706	3.99	5m/s	113.8	115 dBL	-
	BM4188		0.87		114.1		-
	BM4189		0.41		110.6		-
	BM4190		0.83		106.5		-
09.05.2017	BM4175	1705	4.96	5 m/s	113.4	115 dBL	
	BM4188		1.21		112.1		
	BM4189		0		0		No Trigger Activated
	BM4190		1.26		114		
20.04.2017	BM4175	1704	4.8	5m/s	107.7	115 dBL	-
	BM4188		1.52		109.6		-
	BM4189		0.37		111		-
	BM4190		1.14		105.6		-
22.03.2017	BM4175	1703	4.78	5 m/s	113.2	115 dBL	
	BM4188		1.09		113.5		
	BM4189		0.37		108.7		
	BM4190		1.14		105.6		
	BM4175		4.91		105.1		-

22.02.2017	BM4188	1702	1.14	5m/s	105.3	115 dBL	-
	BM4189		0		0		No Trigger Activated
	BM4190		1.53		108.8		-
24.01.2017	BM4175	1701	4.47	5 m/s	110.1	115 dBL	
	BM4188		1.22		114.3		
	BM4189		0.66		102.7		
	BM4190		1.08		113.6		
2016							
21.12.2016	BM4175	1616	1.4	5m/s	109.4	115 dBL	
	BM4188		1.58		114.9		
	BM4189		2.51		106.8		
	BM4190		1.4		109.4		
29.11.2016	BM4175	1615	4.27	5 m/s	112.3	115 dBL	
	BM4188		1.47		114.3		
	BM4189		1.41		108.7		
	BM4190		1.17		110.6		
13.10.2016	BM4175	1614	4.46	5m/s	87.4	115 dBL	
	BM4188		1.33		111.7		
	BM4189		1.57		88.7		
	BM4190		0.94		114		
1.09.2016	BM4175	1612/13	0	5 m/s	0	115 dBL	No Trigger Activated
	BM4188		0.83		90.5		
	BM4189		0		0		No Trigger Activated
	BM4190		0		0		No Trigger Activated
2.08.2016	BM4175	1610/11	0	5m/s	0	115 dBL	No Trigger Activated
	BM4188		1.29		110.3		
	BM4189		0.79		109.7		
	BM4190		1.5		114.8		
1.06.2016	BM4175	1608/9	3.33	5 m/s	106	115 dBL	
	BM4188		0.97		106.7		
	BM4189		0		0		No Trigger Activated
	BM4190		0		0		No Trigger Activated
6.05.2016	BM4175	1607	4.88	5m/s	107.5	115 dBL	
	BM4188		0.96		112.5		
	BM4189		0		0		No Trigger Activated
	BM4190		1.3		112.4		
15.4.2016	BM4175	1606	4.88	5 m/s	107.5	115 dBL	
	BM4188		2.67		100.7		
	BM4189		0.59		98.2		
	BM4190		0		0		No Trigger Activated
2.03.2016	BM4175	1604/05	1.15	5m/s	100.6	115 dBL	
	BM4188		0.82		105.6		
	BM4189		0.8		96		
	BM4190		0.52		110		
27.01.2016	BM4175	1603	1.86	5 m/s	107.5	115 dBL	
	BM4188		0.74		106		
	BM4189		0.82		110.4		
	BM4190		0.99		113.9		
13.01.2016	BM4175	1601/02	2.67	5 m/s	105.7	115 dBL	
	BM4188		1.34		107.3		
	BM4189		0.9		104.9		
	BM4190		0.72		109.1		

Noise Monitoring

Date	Location and Period	Criteria Level (dBA)	Measured noise levels (dBA)			Estimated site contribution (dBA)	Criteria Applies?	Exceedance
			LAeq	LAMAX	LA90			
2022								
	N1 –	43					N	N/A
	N1 -	43					N	N/A
	N2 –	50					N	N/A
	N2 -	50					N	N/A
	N1 -	43					n/a	N/A
	N1 -	43					n/a	N/A
	N2 –	50					n/a	N/A
	N2 -	50					n/a	N/A
21.06.2022	N1 – 11:47	43	41	53	30	30	N	N/A
	N1 - 12:03	43	41	56	35	34	N	N/A
	N2 – 10:54	50	37	52	33	34	Y	No
	N2 - 11:10	50	37	55	31	32	N	N/A
11.03.2022	N1 - 15:11	43	39	67	37	31	Y	No
	N1 - 15:26	43	40	68	38	30	Y	No
	N2 – 14:11	50	41	53	38	35 (33+2 LFN mod. Factor)	Y	No
	N2 - 14:28	50	40	69	28	32	Y	No
2021								
26.11.2021	N1 –	43	37	50	72	<37	N	N/A
	N1 -	43	39	46	60	<39	N	N/A
	N2 –	50	36	42	75	40	N	N/A
	N2 -	50	36	39	58	39	N	N/A
N/A	N1 -	43	n/a	n/a	n/a	n/a	n/a	N/A
	N1 -	43	n/a	n/a	n/a	n/a	n/a	N/A
	N2 –	50	n/a	n/a	n/a	n/a	n/a	N/A
	N2 -	50	n/a	n/a	n/a	n/a	n/a	N/A
21.06.2021	N1 – 11:47	43	30	41	53	30	N	N/A
	N1 - 12:03	43	35	41	56	34	N	N/A
	N2 – 10:54	50	33	37	52	34	Y	N/A
	N2 - 11:10	50	31	37	55	32	N	N/A
1.04.2021	N1 – 12:15	43	41	60	32	30	N	N/A
	N1 - 12:31	43	40	63	32	31	N	N/A
	N2 – 11:31	50	42	63	29	32	N	N/A
	N2 - 11:48	50	32	50	29	32	N	N/A
2020								
26.11.2020	N1 – 13:46	43	50	72	37	<37	Y	N/A
	N1 - 14:02	43	46	60	39	<39	Y	N/A
	N2 – 12:55	50	42	75	36	40	Y	N/A
	N2 - 12:11	50	39	58	36	39	Y	N/A
15.09.2020	N1 - 11:05	43	38	58	33	34	N	N/A
	N1 - 11:20	43	38	60	31	34	N	N/A
	N2 – 11:53	50	39	64	33	37	N	N/A
	N2 - 12:08	50	37	54	32	36	N	N/A
17.06.2020	N1 – 11:09	43	44	58	39	36	Y	N/A
	N1 - 11:25	43	43	54	38	35	Y	N/A
	N2 – 10:19	50	43	59	39	42	Y	N/A
	N2 - 10:36	50	42	61	36	38	Y	N/A
19.03.2020	N1 – 09:01	43	37	59	31	<30	N	N/A
	N1 - 10:12	43	41	69	33	<32	N	N/A

19.03.2020	N2 – 09:27	50	42	61	36	<40	N	N/A
	N2 - 09:44	50	46	69	33	<38	N	N/A
2019								
28.11.2019	N1 – 08:15	43	35	50	30	<26	Y	N/A
	N1 - 09:18	43	41	64	31	<28	Y	N/A
	N2 – 08:39	50	36	69	29	<29	Y	N/A
	N2 - 08:55	50	41	64	31	<28	Y	N/A
12.11.2019	N1 - 15:14	43	44	54	73	<42	N	N/A
	N1 - 15:31	43	42	49	69	<41	N	N/A
	N2 – 14:20	50	46	52	74	<47	N	N/A
	N2 - 14:35	50	45	50	61	<48	N	N/A
25.06.2019	N1 – 09:04	43	41	47	64	<43	Y	N/A
	N1 - 10:19	43	38	42	60	<36	Y	N/A
	N2 – 09:31	50	38	42	66	<36	Y	N/A
	N2 - 09:47	50	38	42	63	<37	Y	N/A
28.03.2019	N1 – 08:15	43	36	42	60	<38	Y	Nil
	N1 - 08:30	43	35	40	59	<34	N	N/A
	N2 – 09:02	50	32	43	66	<36	N	N/A
	N2 - 09:18	50	33	45	66	<40	N	N/A
	Additional location - 09:47	N/A	50	70	89	40	N/A	N/A
2018								
27.11.2018	N1 – 10:03	43	32	36	65	<32	N	N/A
	N1 - 10:18	43	33	42	62	<30	N	N/A
	N2 – 09:17	50	32	35	55	<32	N	N/A
	N2 - 09:32	50	33	42	62	<30	N	N/A
	Additional location - 10:37	N/A	41	69	87	37	N/A	N/A
13.09.2018	N1 – 09:28	43	32	37	67	<30	Y	Nil
	N1 - 09:43	43	34	39	62	<30	Y	Nil
	N2 – 08:47	50	32	39	68	<30	Y	Nil
	N2 - 09:02	50	34	39	62	<30	N	N/A
26.06.2018	N1 – 09:01	43	42	73	35	<33	N	N/A
	N1 - 10:17	43	40	61	36	<33	N	N/A
	N2 – 09:30	50	39	66	32	<31	N	N/A
	N2 - 09:45	50	37	61	33	<31	N	N/A
	Additional location - 10:37	N/A	69	87	46	<39	N/A	N/A
15.03.2018	N1 – 08:35	43	42	55	39	40	Y	Nil
	N1 - 09:41	43	46	74	40	39	N	N/A
	N2 – 08:59	50	45	67	40	41	N	N/A
	N2 - 09:14	50	43	71	39	40	N	N/A
	Additional location - 10:00	N/A	70	85	49	<35	N/A	N/A
2017								
7.12.2017	N1 –	43	42	59	40	37	N	N/A
	N1 -	43	45	63	41	38	N	N/A
	N2 –	50	44	69	40	38	N	N/A
	N2 -	50	43	70	40	38	N	N/A
20.09.2017	N1 –	43	36	58	32	34	Y	Nil
	N1 -	43	38	57	31	34	Y	Nil
	N2 –	50	37	56	35	39	Y	Nil
	N2 -	50	40	66	34	50	Y	Nil
15.06.2017	N1 –	43	45	62	39	40	Y	Nil
	N1 -	43	38	49	34	39	Y	Nil
	N2 –	50	43	56	39	43	Y	Nil
	N2 -	50	42	54	38	40	Y	Nil
22.03.2017	N1 –	43	55	83	37	35	N	N/A
	N1 -	43	42	62	33	34	Y	N/A
	N2 –	50	40	57	34	36	Y	N/A

	N2 -	50	38	60	35	38	Y	N/A
	<i>Additional location</i>	N/A	69	86	38	37	N	N/A
2016								
29.11.2016	N1 -	43	38	63	33	36	N	N/A
	N1 -	43	47	71	36	39	N	N/A
	N2 -	50	45	64	40	48	N	N/A
	N2 -	50	47	62	42	51	N	N/A

Sampling Point 6 (Water Discharge W1)

Sampling Frequency			Monthly	Monthly	Monthly	
100 Percentile Concentration Limit			6.5 to 8.5	30	10	
Date Sampled	Date Obtained	Date Published	pH (lab)	Suspended Solids (mg/L)	Oil & Grease (mg/L)	Comment
1/09/2016			7.04	8	<5	
1/10/2016			7.68	<5	<5	
26/06/2020			8.38	<5	<5	
25/08/2020			7.87	<5	<5	
19/07/2021			8.06	10	<5	
11/08/2021			8.25	18	<5	
22/09/2021			8.11	<5	<5	
16/11/2021			7.39	12	<5	
19/05/2022	8/07/2022	8/08/2022	8.19	108	<5	<i>Reported to EPA and DPE</i>
20/06/2022	8/07/2022	8/08/2022	7.47	6	10	