Pollution Monitoring Data - Holcim Cooma Road Quarry (EPL Number 1453)

Facility Address	Cooma Road, Queanbeyan, NSW, 2620
Licence Details	Link to EPL on Public Register
Date Dataset Updated	Friday, March 13, 2026
Date Dataset Uploaded	9 April 2026
Reporting Period	May to April (Annually)

2026 (YTD) Rainfall Monitoring Results

Location	Onsite
Frequency	Daily
Source	Weather link Met station

Month	January	February	March	April	May	June	July	August	September	October	November	December
Total Rainfall (mm)	0.0	99.4	29.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rainy Days	0	9	4	0	0	0	0	0	0	0	0	0
Av. Rainfall / Event (mm)	0.0	11.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Total Rainfall (mm) (YTD)
129

2025 Rainfall Monitoring Results

Location	Onsite
Frequency	Daily
Source	Weather link Met station

Month	January	February	March	April	May	June	July	August	September	October	November	December
Total Rainfall (mm)	103.3	60.4	62.0	66.3	19.9	0.0	2.5	0.3	0.0	0.0	0.0	0.0
Rainy Days	10	6	4	5	10	0	5	1	0	0	0	0
Av. Rainfall / Event (mm)	10.3	10.1	15.5	13.3	2.0	0.0	0.5	0.3	0.0	0.0	0.0	0.0

Total Rainfall (mm) (YTD)
315

2024 Rainfall Monitoring Results

Location	Onsite
Frequency	Daily
Source	Weather link Met station

Month	January	February	March	April	May	June	July	August	September	October	November	December
Total Rainfall (mm)	96.1	70.4	40.9	90.6	0.3	0.0	0.0	21.8	26.4	18.3	109.0	13.2
Rainy Days	11	6	5	6	1	0	0	8	3	2	5	3
Av. Rainfall / Event (mm)	8.7	11.7	8.2	15.1	0.3	0.0	0.0	2.7	8.8	9.1	21.8	4.4

Total Rainfall (mm) (YTD)
487

Air Quality Monitoring - 2026 (YTD)

Air Quality - Deposition Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Annual Average (YTD)	Month	January	February	March	April	May	June	July	August	September	October	November	December
								Sample Date	5 Jan 2026	3 Feb 2026	6 Mar 2026									
								Report Date	19 Jan 2026	12 Feb 2025	13 Mar 2026									
DD1	Monthly & Annual Average	Consent Schedule 3 Condition 14	-	4	mg/m2/month	Insoluble Solids	0.47	Result	0.4	0.9	0.1									
									Within Criteria	Within Criteria	Within Criteria									
DD2			-	4	mg/m2/month	Insoluble Solids	0.40	Result	0.1	0.9	0.2									
									Within Criteria	Within Criteria	Within Criteria									
DD3			-	4	mg/m2/month	Insoluble Solids	0.57	Result	0.5	0.8	0.4									
									Within Criteria	Within Criteria	Within Criteria									
DD4			-	4	mg/m2/month	Insoluble Solids	0.67	Result	0.9	0.7	0.4									
									Within Criteria	Within Criteria	Within Criteria									
DD5			-	4	mg/m2/month	Insoluble Solids	0.90	Result	0.6	1.8	0.3									
									Within Criteria	Within Criteria	Within Criteria									

Total Suspended Particles (TSP)

Average (YTD) 41.8 µg/m3

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	06/01/2026	12/01/2026	18/01/2026	24/01/2026	30/01/2026	05/02/2026	11/02/2026	17/02/2026	23/02/2026	01/03/2026				
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Outcome	28.9	22.9	22	89.2	73.7	61.7	39.8	34.7	24.6	20.7				
						Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria				

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date														
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Outcome														
						Result														

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date														
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Outcome														
						Result														

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date														
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Outcome														
						Result														

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date														
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Outcome														
						Result														

Particulate Matter (PM10)

Average (YTD) 16.7 µg/m3

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	6 Jan 2026	12 Jan 2026	18 Jan 2026	24 Jan 2026	30 Jan 2026	5 Feb 2026	11 Feb 2026	17 Feb 2026	23 Feb 2026	1 Mar 2026				
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Report Date	19 Jan 2026	12 Feb 2026	12 Feb 2026	12 Feb 2026	12 Feb 2026	13 Mar 2026	13 Mar 2026	13 Mar 2026	13 Mar 2026	13 Mar 2026				
						Outcome	11.6	9.2	8.8	35.7	29.5	24.7	15.9	13.9	9.8	8.3				
						Result	Within Criteria	Within Criteria	Within Criteria	Outside Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria				

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date														
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Report Date														
						Outcome														
						Result														

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date														
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Report Date														
						Outcome														
						Result														

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date														
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Report Date														
						Outcome														
						Result														

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date														
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Report Date														
						Outcome														
						Result														

Air Quality Monitoring - 2025

Air Quality - Deposition Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Annual Average (YTD)	Month	January	February	March	April	May	June	July	August	September	October	November	December
								Sample Date	7 Jan 2025	3 Feb 2025	4 Mar 2025	3 Apr 2025	5 May 2025	3 Jun 2025	4 Jul 2025	5 Aug 2025	4 Sep 2025	2 Oct 2025	3 Nov 2025	4 Dec 2025
								Report Date	21 Jan 2025	7 Feb 2025	7 Mar 2025	3 Apr 2025	8 May 2025	6 Jun 2025	4 Jul 2025	8 Aug 2025	12 Sep 2025	13 Oct 2025	11 Nov 2025	19 Dec 2025
DD1	Monthly & Annual Average	Consent Schedule 3 Condition 14	-	4	mg/m2/month	Insoluble Solids	1.81	Result	2.1	2.3	1.2	2.4	0.8	0.8	1.9	1.5	2.3	2.4	1.8	2.2
									Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
DD2			-	4	mg/m2/month	Insoluble Solids	1.24	Result	3.8	1.1	1.1	1.4	0.2	0.5	1.3	0.2	1.5	0.8	1.3	1.7
									Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
DD3			-	4	mg/m2/month	Insoluble Solids	0.89	Result	1.0	0.5	1.5	1.3	0.4	0.4	1.2	0.7	0.8	0.8	1.1	1.0
									Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
DD4			-	4	mg/m2/month	Insoluble Solids	1.20	Result	0.5	0.7	1.0	2.1	0.4	0.5	1.6	0.7	1.6	0.4	3.3	1.6
									Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
DD5			-	4	mg/m2/month	Insoluble Solids	0.66	Result	0.9	0.9	0.9	0.9	0.5	0.3	1.2	0.2	0.3	0.9	0.4	0.5
									Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Total Suspended Particles (TSP)

Average (YTD) 26.1 µg/m3

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	05/01/2025	11/01/2025	17/01/2025	23/01/2025	29/01/2025	04/02/2025	10/02/2025	16/02/2025	22/02/2025	28/02/2025	06/03/2025	12/03/2025	18/03/2025	24/03/2025
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Outcome	45.3	21.4	11.4	10.3	16.1	56.8	22.9	29.8	36.7	52.7	20.9	18.9	28.6	26.3
						Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	30/03/2025	05/04/2025	11/04/2025	17/04/2025	23/04/2025	29/04/2025	05/05/2025	11/05/0225	17/05/2025	23/05/2025	29/05/2025	04/06/2025	10/06/2025	16/06/2025
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Outcome	12.30	26.20	29.00	13.10	5.30	11.00	21.20	20.10	29.20	8.40	14.90	21.00	11.70	18.60
						Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	22/06/2025	28/06/2025	04/07/2025	10/07/2025	16/07/2025	22/07/2025	28/07/2025	03/08/2025	09/08/2025	15/08/2025	21/08/2025	27/08/2025	02/09/2025	08/09/2025
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Outcome	22.40	12.10	0.30	10.90	21.40	20.90	5.10	4.90	9.40	18.30	7.40	57.90	23.20	28.10
						Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	14/09/2025	20/09/2025	26/09/2025	02/10/2025	08/10/2025	14/10/2025	20/10/2025	26/10/2025	01/11/2025	07/11/2025	13/11/2025	19/11/2025	25/11/2025	01/12/2025
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Outcome	19.80	15.80	52.70	30.90	50.50	34.90	65.90	19.40	19.40	49.20	47.50	40.40	47.20	31.20
						Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Particulate Matter (PM10)

Average (YTD) 11.3 µg/m3

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	5 Jan 2025	11 Jan 2025	17 Jan 2025	23 Jan 2025	29 Jan 2025	04/02/2025	10 Feb 2025	16 Feb 2025	22 Feb 2025	28 Feb 2025	6 Mar 2025	12 Mar 2025	18 Mar 2025	24 Mar 2025
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Report Date	24 Jan 2025	7 Feb 2025	7 Feb 2025	7 Feb 2025	7 Feb 2025	07/03/2025	7 Mar 2025	7 Mar 2025	7 Mar 2025	7 Mar 2025	11 Apr 2025	11 Apr 2025	11 Apr 2025	11 Apr 2025
						Outcome	18.1	8.5	11.4	10.3	16.1	22.7	9.2	11.9	14.7	21.1	8.4	7.6	11.4	10.5
						Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	30 Mar 2025	5 Apr 2025	11 Apr 2025	17 Apr 2025	23 Apr 2025	29/04/2025	5 May 2025	11 May 0225	17 May 2025	23 May 2025	29 May 2025	4 Jun 2025	10 Jul 2025	16 Jun 2025
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Report Date	11 Apr 2025	6 Jun 2025	6 Jun 2025	6 Jun 2025	6 Jun 2025	08/05/2025	8 May 2025	8 May 2025	8 May 2025	6 Jun 2025	6 Jun 2025	6 Jun 2025	4 Jul 2025	4 Jul 2025
						Outcome	4.9	16.1	24	8.1	3.3	6.8	8.5	8	11.7	3.4	6	8.4	4.7	7.4
						Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	22 Jun 2025	28 Jun 2025	4 Jul 2025	10 Jul 2025	16 Jul 2025	22/07/2025	28 Jul 2025	3 Aug 2025	9 Aug 2025	15 Aug 2025	21 Aug 2025	27 Aug 2025	2 Sep 2025	8 Sep 2025
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Report Date	4 Jul 2025	4 Jul 2025	6 Aug 2025	6 Aug 2025	6 Aug 2025	06/08/2025	6 Aug 2025	6 Aug 2025	4 Sep 2025	4 Sep 2025	4 Sep 2025	4 Sep 2025	4 Sep 2025	3 Oct 2025
						Outcome	9	4.9	0.1	4.4	8.5	8.4	2	2	3.7	7.3	2.9	23.2	9.3	11.2
						Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	14 Sep 2025	20 Sep 2025	26 Sep 2025	2 Oct 2025	8 Oct 2025	14/10/2025	20 Oct 2025	26 Oct 2025	1 Nov 2025	7 Nov 2025	13 Nov 2025	19 Nov 2025	25 Nov 2025	1 Dec 2025
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Report Date	3 Oct 2025	3 Oct 2025	3 Oct 2025	14 Nov 2025	14 Nov 2025	14/11/2025	14 Nov 2025	14 Nov 2025	14 Nov 2025	12 Dec 2025	12 Dec 2025	12 Dec 2025	12 Dec 2025	12 Dec 2025
						Outcome	7.9	6.3	21.1	12.3	20.2	13.9	26.4	9.8	7.7	19.7	19	16.2	18.9	12.5
						Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Air Quality Monitoring - 2024

Air Quality - Deposition Results

							(YTD)	Sample Date	4 Jan 2024	5 Feb 2024	5 Mar 2024	2 Apr 2024	2 May 2024	3 Jun 2024					4 Nov 2024	5 Dec 2024
								Report Date	13 Jan 2024	15 Feb 2024	20 Mar 2024	18 Apr 2024	16 May 2024	28 Jun 2024					18 Nov 2024	13 Dec 2024
DD1	Monthly & Annual Average	Consent Schedule 3 Condition 14	-	4	mg/m2/month	Insoluble Solids	2.00	Result	4.2	1.7	1.5	1.5	1.9	1.4					2.0	1.8
									Outside Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria					Within Criteria	Within Criteria
DD2			-	4	mg/m2/month	Insoluble Solids	1.23	Result	1.4	1.1	1.4	1.3	1.5	1.4					1.0	0.7
									Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria					Within Criteria	Within Criteria
DD3			-	4	mg/m2/month	Insoluble Solids	1.65	Result	1.2	1.6	1.6	1.3	1.0	1.1					3.7	1.7
									Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria					Within Criteria	Within Criteria
DD4			-	4	mg/m2/month	Insoluble Solids	1.14	Result	1.0	0.2	0.1	1.2		1.0					4.1	0.4
									Within Criteria	Within Criteria	Within Criteria	Within Criteria		Within Criteria					Outside Criteria	Within Criteria
DD5			-	4	mg/m2/month	Insoluble Solids	0.83	Result	1.4	1.2	0.7	0.5	0.6	0.7					0.5	1.0
									Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria					Within Criteria	Within Criteria

Comments regarding the deposition monitoring outcomes	
May	Sample for DD4 invalidated due to bottle being smashed upon collection.

Total Suspended Particles (TSP)

Average (YTD)	18.5 µg/m3

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	5 Jan 2024	11 Jan 2024	17 Jan 2024	23 Jan 2024	29 Jan 2024	4 Feb 2024	10 Feb 2024	16 Feb 2024	22 Feb 2024	28 Feb 2024	5 Mar 2024	11 Mar 2024	17 Mar 2024	23 Mar 2024
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Outcome	9 Jan 1900	16 Jan 1900	12 Jan 1900	18 Jan 1900	1 Feb 1900	9 Feb 1900	13 Jan 1900	26 Jan 1900	16 Jan 1900	27 Jan 1900	24 Jan 1900	19 Jan 1900	4 Jan 1900	11 Jan 1900
						Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	29 Mar 2024	4 Apr 2024	10 Apr 2024	16 Apr 2024	22 Apr 2024	28 Apr 2024	4 May 2024	10 May 2024	16 May 2024	22 May 2024	28 May 2024	3 Jun 2024	9 Jun 2024	15 Jun 2024
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Outcome	23 Jan 1900	4 Jan 1900	4 Jan 1900	15 Jan 1900	15 Jan 1900	11 Jan 1900	1 Jan 1900	1 Jan 1900	9 Jan 1900	4 Jan 1900	31 Dec 1899	2 Jan 1900	8 Jan 1900	3 Jan 1900
						Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	21 Jun 2024	27 Jun 2024	3 Jul 2024	9 Jul 2024	15 Jul 2024	21 Jul 2024	27 Jul 2024	2 Aug 2024	8 Aug 2024	14 Aug 2024	20 Aug 2024	26 Aug 2024	1 Sep 2024	7 Sep 2024
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Outcome	5 Jan 1900	10 Jan 1900	1 Jan 1900	6 Jan 1900	6 Jan 1900	6 Jan 1900	7 Jan 1900	11 Jan 1900	15 Jan 1900	9 Jan 1900	12 Jan 1900	8 Jan 1900	17 Jan 1900	13 Jan 1900
						Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	13 Sep 2024	19 Sep 2024	25 Sep 2024	1 Oct 2024	7 Oct 2024	13 Oct 2024	19 Oct 2024	25 Oct 2024	6 Dec 2024	12 Dec 2024	18 Dec 2024	24 Dec 2024	30 Dec 2024
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Outcome	13 Jan 1900	26 Jan 1900	23 Jan 1900	4 Apr 1900	31 Jan 1900	26 Jan 1900	11 Jan 1900	26 Jan 1900	-	-	-	-	-
						Result	Within Criteria	Within Criteria	Within Criteria	Outside Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Particulate Matter (PM10)

Average (YTD)	7.6 µg/m3

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	05/01/2024	11/01/2024	17/01/2024	23/01/2024	29/01/2024	04/02/2024	10/02/2024	16/02/2024	22/02/2024	28/02/2024	05/03/2024	11/03/2024	17/03/2024	23/03/2024
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Report Date	15/02/2024	15/02/2024	15/02/2024	15/02/2024	15/02/2024	15/02/2024	20/03/2024	18/04/2024	20/03/2024	20/03/2024	18/04/2024	18/04/2024	18/04/2024	18/04/2024
						Outcome	4	6.8	5.5	7.7	13.5	16.5	5.8	11.1	7.1	11.2	10.1	8.2	2.2	4.9
						Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	29/03/2024	04/04/2024	10/04/2024	16/04/2024	22/04/2024	28/04/2024	04/05/2024	10/05/2024	16/05/2024	22/05/2024	28/05/2024	03/06/2024	09/06/2024	15/06/2024
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Report Date	18/04/2024	16/05/2024	16/05/2024	16/05/2024	16/05/2024	16/05/2024	28/06/2024	28/06/2024	28/06/2024	28/06/2024	28/06/2024	28/06/2024	16/07/2024	16/07/2024
						Outcome	9.8	2.3	2.3	6.8	6.4	4.9	0.9	1	4.4	2.3	6.2	1.5	3.7	1.8
						Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	21/06/2024	27/06/2024	03/07/2024	09/07/2024	15/07/2024	21/07/2024	27/07/2024	02/08/2024	08/08/2024	14/08/2024	20/08/2024	26/08/2024	01/09/2024	07/09/2024
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Report Date	16/07/2024	16/07/2024	21/08/2024	21/08/2024	21/08/2024	21/08/2024	21/08/2024	21/08/2024	12/09/2024	12/09/2024	12/09/2024	12/09/2024	12/09/2024	14/10/2024
						Outcome	2.5	4.5	7.4	3.1	2.9	3.1	3.6	5	6.7	4.4	5.4	3.6	7.4	5.8
						Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Sample Date	13/09/2024	19/09/2024	25/09/2024	01/10/2024	07/10/2024	13/10/2024	19/10/2024	25/10/2024	06/12/2024	12/12/2024	18/12/2024	24/12/2024	30/12/2024
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	90	µg/m3	Report Date	14/10/2024	14/10/2024	14/10/2024	14/10/2024	18/11/2024	18/11/2024	18/11/2024	18/11/2024	n/a	n/a	n/a	n/a	n/a
						Outcome	5.7	10.9	9.6	38.2	12.8	11.1	5.2	11.1	14.8	16.6	16.8	12.7	19.2
						Result	Within Criteria	Within Criteria	Within Criteria	Outside Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

2026 - Noise Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Quarter	Q1	Q2	Q3	Q4
							Sample Date (From)	3 Feb 2026			
							Sample Date (To)	5 Feb 2026			
							Report Date	1 Apr 2026			
N3 **15 Copperfield Place, Lot 2, DP808393 Jerrabomberra**	Quarterly	Consent Schedule 3 Condition 7(c)	-	35	dB	Morning LAeq(15min)	Outcome	42.80			
							Contribtution	<28			
							Result	**Within Criteria**			
			-	35	dB	Day LAeq(15min)	Outcome	44.50			
							Contribtution	<28			
							Result	**Within Criteria**			
			-	35	dB	Evening LAeq(15min)	Outcome	42.80			
							Contribtution	Inaudible			
							Result	**Within Criteria**			
N8 **North East of Quarry along Tempe Cresent**	Quarterly	Consent Schedule 3 Condition 7(c)	-	40	dB	Morning LAeq(15min)	Outcome	53.50			
							Contribtution	<39			
							Result	**Within Criteria**			
			-	44	dB	Day LAeq(15min)	Outcome	53.80			
							Contribtution	<39			
							Result	**Within Criteria**			
			-	39	dB	Evening LAeq(15min)	Outcome	53.90			
							Contribtution	Inaudible			
							Result	**Within Criteria**			
N38 **Heights Road**	Quarterly	Consent Schedule 3 Condition 7(c)	-	36	dB	Morning LAeq(15min)	Outcome	51.10			
							Contribtution	<36			
							Result	**Within Criteria**			
			-	38	dB	Day LAeq(15min)	Outcome	54.10			
							Contribtution	<41			
							Result	**Within Criteria**			
			-	35	dB	Evening LAeq(15min)	Outcome	45.00			
							Contribtution	Inaudible			
							Result	**Within Criteria**			
N60 **501 Old Cooma Road**	Quarterly	Consent Schedule 3 Condition 7(c)	-	36	dB	Morning LAeq(15min)	Outcome	63.70			
							Contribtution	<43			
							Result	**Within Criteria**			
			-	38	dB	Day LAeq(15min)	Outcome	64.40			
							Contribtution	<45			
							Result	**Within Criteria**			
			-	35	dB	Evening LAeq(15min)	Outcome	57.50			
							Contribtution	Inaudible			
							Result	**Within Criteria**			
N67 **732 Old Cooma Road**	Quarterly	Consent Schedule 3 Condition 7(c)	-	36	dB	Morning LAeq(15min)	Outcome	55.00			
							Contribtution	<38			
							Result	**Within Criteria**			
			-	41	dB	Day LAeq(15min)	Outcome	54.70			
							Contribtution	<37			
							Result	**Within Criteria**			
			-	35	dB	Evening LAeq(15min)	Outcome	52.10			
							Contribtution	Inaudible			
							Result	**Within Criteria**			

Period	Comments regarding the noise monitoring outcomes
	"Inaudible" = quarry was not operational or that monitoring was impacted by affected by extraneous noise sources whilst the site was inaudible

2025 - Noise Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Quarter	Q1	Q2	Q3	Q4
							Sample Date (From)	8 Jan 2025	6 May 2025	6 Aug 2025	1 Oct 2025
							Sample Date (To)	9 Jan 2025	7 May 2025	8 Aug 2025	3 Oct 2025
							Report Date	2 May 2025	18 Aug 2025	23 Oct 2025	23 Dec 2025
N3 **15 Copperfield Place, Lot 2, DP808393 Jerrabomberra**	Quarterly	Consent Schedule 3 Condition 7(c)	-	35	dB	Morning LAeq(15min)	Outcome	35.70	38.00	38.10	41.30
							Contribtution	<16	<27	<25	<28
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	35	dB	Day LAeq(15min)	Outcome	37.80	45.90	47.00	56.50
							Contribtution	<24	<32	<29	<40
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	35	dB	Evening LAeq(15min)	Outcome	47.30	43.20	43.80	49.30
							Contribtution	Inaudible	Inaudible	Inaudible	Inaudible
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
N8 **North East of Quarry along Tempe Cresent**	Quarterly	Consent Schedule 3 Condition 7(c)	-	40	dB	Morning LAeq(15min)	Outcome	56.70	57.80	61.00	54.30
							Contribtution	<38	<41	<45	<33
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	44	dB	Day LAeq(15min)	Outcome	Inaudible	62.60	61.80	54.70
							Contribtution	<45	<49	<47	<40
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	39	dB	Evening LAeq(15min)	Outcome	57.80	60.00	59.10	48.20
							Contribtution	Inaudible	Inaudible	Inaudible	Inaudible
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
N38 **Heights Road**	Quarterly	Consent Schedule 3 Condition 7(c)	-	36	dB	Morning LAeq(15min)	Outcome	56.50	57.40	58.30	52.70
							Contribtution	<30	<41	<41	<38
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	38	dB	Day LAeq(15min)	Outcome	56.10	61.00	61.00	55.30
							Contribtution	<35	<42	<44	<41
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	35	dB	Evening LAeq(15min)	Outcome	50.50	55.50	56.30	44.20
							Contribtution	Inaudible	Inaudible	Inaudible	Inaudible
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
N60 **501 Old Cooma Road**	Quarterly	Consent Schedule 3 Condition 7(c)	-	36	dB	Morning LAeq(15min)	Outcome	60.20	63.70	65.70	66.30
							Contribtution	<29	<41	<40	<41
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	38	dB	Day LAeq(15min)	Outcome	63.90	<64.6	70.50	64.00
							Contribtution	<44	<47	<47	<41
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	35	dB	Evening LAeq(15min)	Outcome	60.90	59.00	65.50	55.90
							Contribtution	Inaudible	Inaudible	Inaudible	Inaudible
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
N67 **732 Old Cooma Road**	Quarterly	Consent Schedule 3 Condition 7(c)	-	36	dB	Morning LAeq(15min)	Outcome	64.00	66.60	67.00	53.60
							Contribtution	<41	<43	<39	<37
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	41	dB	Day LAeq(15min)	Outcome	65.20	66.60	70.90	52.30
							Contribtution	<36	<43	<46	<37
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	35	dB	Evening LAeq(15min)	Outcome	70.00	60.10	66.00	50.20
							Contribtution	Inaudible	Inaudible	Inaudible	Inaudible
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**

Period	Comments regarding the noise monitoring outcomes
	"Inaudible" = quarry was not operational or that monitoring was impacted by affected by extraneous noise sources whilst the site was inaudible
Q1	**2025 Q1** It is noted that at three assessment locations, some exceedances of the noise criteria have been recorded as follows: • Up to 1 dB at N8 during the day period; • Up to 6 dB at N60 during the day period; and • Up to 3 dB at N67 during the morning shoulder and day periods However, it should be noted that the noise environment during these periods, noise monitoring was heavily affected by extraneous noise sources whilst the site was inaudible. Therefore, it can be concluded that the exceedances were not caused by the site operation.
Q2	**2025 Q2** It is noteds noted that at three assessment locations, some exceedances of the noise criteria have been recorded as follows: • Up to 5 dB at N8 during the morning shoulder and day periods • Up to 4 dB at N38 during the morning shoulder and day periods • Up to 9 dB at N60 during the morning shoulder and day periods • Up to 7 dB at N67 during the morning shoulder and day periods However, it should be noted that the noise environment during these periods, noise monitoring was heavily affected by extraneous noise sources whilst the site was inaudible. Therefore, it can be concluded that the exceedances were not caused by the site operation.
Q2	**2025 Q2** It is noteds noted that at three assessment locations, some exceedances of the noise criteria have been recorded as follows: • Up to 5 dB at N8 during the morning shoulder and day periods • Up to 4 dB at N38 during the morning shoulder and day periods • Up to 9 dB at N60 during the morning shoulder and day periods • Up to 7 dB at N67 during the morning shoulder and day periods However, it should be noted that the noise environment during these periods, noise monitoring was heavily affected by extraneous noise sources whilst the site was inaudible. Therefore, it can be concluded that the exceedances were not caused by the site operation.
Q3	**2025 Q3** Exceedances were recorded at four locations as follows: • Up to 5 dB at N8 during the morning shoulder and day periods • Up to 6 dB at N38 during the morning shoulder and day periods • Up to 9 dB at N60 during the morning shoulder and day periods • Up to 5 dB at N67 during the morning shoulder and day periods However, it should be noted that the noise environment was heavily affected by extraneous noise sources whilst the site was inaudible. Therefore, it can be concluded that the exceedances were not caused by the site operation.
Q4	**2025 Q4** It is noted that at four assessment locations, some exceedances of the noise criteria have been recorded as follows: • Up to 5 dB at N3 during the morning shoulder and day periods • Up to 3 dB at N38 during the morning shoulder and day periods • Up to 5 dB at N60 during the morning shoulder and day periods • Up to 1 dB at N67 during the morning shoulder and day periods However, it should be noted that during these periods, noise monitoring was heavily affected by extraneous noise sources whilst the site was inaudible. Therefore, it can be concluded that the exceedances were not caused by the site operation.

2024 - Noise Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Quarter	Q1	Q2	Q3	Q4
							Sample Date (From)	4 Mar 2024	2 May 2024	7 Aug 2024	2 Oct 2024
							Sample Date (To)	5 Mar 2024	5 Jun 2024	8 Aug 2024	3 Oct 2024
							Report Date	6 May 2024	12 Jul 2024	25 Oct 2024	31 Jan 2025
N3 **15 Copperfield Place, Lot 2, DP808393 Jerrabomberra**	Quarterly	Consent Schedule 3 Condition 7(c)	-	35	dB	Morning LAeq(15min)	Outcome	50.4	34.5	45.8	41.8
							Contribtution	<33	<17	<31	<19
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	35	dB	Day LAeq(15min)	Outcome	54	39.5	47.1	49
							Contribtution	<40	<25	<32	<23
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	35	dB	Evening LAeq(15min)	Outcome	50.6	43.3	44.3	42.8
							Contribtution	Inaudible	Inaudible	Inaudible	Inaudible
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
N8 **North East of Quarry along Tempe Cresent**	Quarterly	Consent Schedule 3 Condition 7(c)	-	40	dB	Morning LAeq(15min)	Outcome	44.6	58.4	59	59.6
							Contribtution	<24	<34	<41	<47
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	44	dB	Day LAeq(15min)	Outcome	47.9	61.3	62.9	60
							Contribtution	<35	<47	<46	<46
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	39	dB	Evening LAeq(15min)	Outcome	56.6	59.6	59.8	57.4
							Contribtution	Inaudible	Inaudible	Inaudible	Inaudible
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
N38 **Heights Road**	Quarterly	Consent Schedule 3 Condition 7(c)	-	36	dB	Morning LAeq(15min)	Outcome	40.3	56.5	59.3	58.2
							Contribtution	<20	<34	<42	<32
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	38	dB	Day LAeq(15min)	Outcome	53.5	58.3	59.4	57
							Contribtution	<37	<40	<42	<38
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	35	dB	Evening LAeq(15min)	Outcome	53.7	55.1	55	53.4
							Contribtution	Inaudible	Inaudible	Inaudible	Inaudible
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
N60 **501 Old Cooma Road**	Quarterly	Consent Schedule 3 Condition 7(c)	-	36	dB	Morning LAeq(15min)	Outcome	54.1	66.2	54.5	64.8
							Contribtution	<29	<48	<32	<35
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	38	dB	Day LAeq(15min)	Outcome	50.3	67.4	55.4	70.7
							Contribtution	<32	<46	<36	<47
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	35	dB	Evening LAeq(15min)	Outcome	60	61.3	66.5	61.8
							Contribtution	Inaudible	Inaudible	Inaudible	Inaudible
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
N67 **732 Old Cooma Road**	Quarterly	Consent Schedule 3 Condition 7(c)	-	36	dB	Morning LAeq(15min)	Outcome	58.8	72.3	57.5	72.3
							Contribtution	<30	<43	<33	<42
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	41	dB	Day LAeq(15min)	Outcome	58.9	74.3	61.3	78.8
							Contribtution	<36	<51	<41	<51
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	35	dB	Evening LAeq(15min)	Outcome	65.1	64.9	59.8	73.5
							Contribtution	Inaudible	Inaudible	Inaudible	Inaudible
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**

Period	Comments regarding the noise monitoring outcomes
	"Inaudible" = quarry was not operational or that monitoring was impacted by affected by extraneous noise sources whilst the site was inaudible

2026 (YTD) - Blast Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Date / Time												
							Date	23 Feb 2026	10 Mar 2026										
							Time	1:53 pm	11:49 am										
Heffernanas House	Per Blast	EPL Clause L4.1	-	115	dB (Lin Peak)	Over Pressure	Outcome	105.1	106.0										
							Result	**Within Criteria**	**Within Criteria**										
			-	5	mm/s	Ground Vibration	Outcome	5.9	1.0										
							Result	**Outside Criteria**	**Within Criteria**										
Jerrabomberra	Per Blast	Blast Management Plan	-	115	dB (Lin Peak)	Over Pressure	Outcome	98.1	94.6										
							Result	**Within Criteria**	**Within Criteria**										
			-	5	mm/s	Ground Vibration	Outcome	0.4	0.5										
							Result	**Within Criteria**	**Within Criteria**										

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Date / Time												
							Date												
							Time												
Heffernanas House	Per Blast	EPL Clause L4.1	-	115	dB (Lin Peak)	Over Pressure	Outcome												
							Result												
			-	5	mm/s	Ground Vibration	Outcome												
							Result												
Jerrabomberra	Per Blast	Blast Management Plan	-	115	dB (Lin Peak)	Over Pressure	Outcome												
							Result												
			-	5	mm/s	Ground Vibration	Outcome												
							Result												

Over Pressure Monitor Trigger Setting	90	dB
Ground Vibration Monitor Trigger Setting	0.1	mm/s

Annual Blast Monitoring Results (YTD)

Compliance against annual blast monitoring is based on the dataset for the whole reporting period . Results disclosed below represent an incomplete dataset and should be considered as an indicator of year to date performance that may change once data for the whole reporting period is available.

Annual Blast Monitoring - Over Pressure (High Range)	
Blast Count	2
YTD Over Pressure in High Range (115 - 120 dBL)	0
% Over Pressure in High Range (115 - 120 dBL)	0%
Annual Over Pressure (Pass / Fail)	**Within Criteria**

Annual Blast Monitoring - Over Pressure (Maximum)	
Blast Count	2
YTD Over Pressure Exceeding Maximum Allowable (120 dBL)	0
% Over Pressure Exceeding Maximum Allowable (120 dBL)	0%
Annual Over Pressure (Pass / Fail)	**Within Criteria**

Annual Blast Monitoring - Ground Vibration (High Range)	
Blast Count	2
YTD Ground Vibration in High Range (5 - 10 mm/s)	1
% Ground Vibration in High Range (5 - 10 mm/s)	50%
Annual Ground Vibration (Pass / Fail)	**Outside Criteria**

Annual Blast Monitoring - Ground Vibration (Maximum)	
Blast Count	2
YTD Ground Vibration Exceeding Maximum Allowable (10 mm/s)	0
% Ground Vibration Exceeding Maximum Allowable (10 mm/s)	0%
Annual Ground Vibration (Pass / Fail)	**Within Criteria**

2025 - Blast Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Date	15 Jan 2025	23 Jan 2025	17 Feb 2025	3 Mar 2025	25 Mar 2025	14 Apr 2025	5 May 2025	20 May 2025	16 Jun 2025	30 Jun 2025	22 Jul 2025	29 Jul 2025	5 Aug 2025
							Time	10:51 am	11:22 am	2:47 pm	1:04 pm	12:36 pm	12:43 pm	1:55 pm	12:30 pm	12:35 pm	2:01 pm	1:11 pm	9:46 am	11:17 am
Heffernanas House	Per Blast	EPL Clause L4.1	-	115	dB (Lin Peak)	Over Pressure	Outcome	104.0	110.0	DNT	93.0	109.5	DNT	107.4	97.5	DNT	107.0	102.7	DNT	101.7
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	5	mm/s	Ground Vibration	Outcome	0.2	0.7	DNT	0.5	2.3	DNT	1.3	0.7	DNT	4.6	2.6	DNT	0.4
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
Jerrabomberra	Per Blast	Blast Management Plan	-	115	dB (Lin Peak)	Over Pressure	Outcome	DNT	96.5	DNT	DNT	DNT	DNT	95.5	DNT	DNT	DNT	94.9	91.0	DNT
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	5	mm/s	Ground Vibration	Outcome	DNT	0.4	DNT	DNT	DNT	DNT	0.4	DNT	DNT	DNT	1.6	0.7	DNT
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Date	11 Sep 2025	15 Sep 2025	23 Sep 2025	7 Oct 2025	16 Oct 2025	28 Oct 2025	6 Nov 2025
							Time	2:03 pm	12:40 pm	11:44 am	2:40 pm	12:39 pm	1:47 pm	12:38 pm
Heffernanas House	Per Blast	EPL Clause L4.1	-	115	dB (Lin Peak)	Over Pressure	Outcome	103.5	109.2	DNT	DNT	99.4	96.6	105.3
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	5	mm/s	Ground Vibration	Outcome	3.3	1.7	DNT	DNT	3.6	1.0	0.8
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
Jerrabomberra	Per Blast	Blast Management Plan	-	115	dB (Lin Peak)	Over Pressure	Outcome	DNT	91.4	DNT	DNT	DNT	104.5	95.6
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	5	mm/s	Ground Vibration	Outcome	DNT	1.0	DNT	DNT	DNT	1.0	0.4
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**

Over Pressure Monitor Trigger Setting	90	dB
Ground Vibration Monitor Trigger Setting	0.1	mm/s

Annual Blast Monitoring Results (YTD)

Annual Blast Monitoring - Over Pressure (High Range)	
Blast Count	20
YTD Over Pressure in High Range (115 - 120 dBL)	0
% Over Pressure in High Range (115 - 120 dBL)	0%
Annual Over Pressure (Pass / Fail)	**Within Criteria**

Annual Blast Monitoring - Over Pressure (High Range)	
Blast Count	20
YTD Over Pressure Exceeding Maximum Allowable (120 dBL)	0
% Over Pressure Exceeding Maximum Allowable (120 dBL)	0%
Annual Over Pressure (Pass / Fail)	**Within Criteria**

Annual Blast Monitoring - Over Pressure (High Range)	
Blast Count	20
YTD Ground Vibration in High Range (5 - 10 mm/s)	0
% Ground Vibration in High Range (5 - 10 mm/s)	0%
Annual Ground Vibration (Pass / Fail)	**Within Criteria**

Annual Blast Monitoring - Over Pressure (High Range)	
Blast Count	20
YTD Ground Vibration Exceeding Maximum Allowable (10 mm/s)	0
% Ground Vibration Exceeding Maximum Allowable (10 mm/s)	0%
Annual Ground Vibration (Pass / Fail)	**Within Criteria**

2024 - Blast Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Date	17 Jan 2024	5 Feb 2024	12 Feb 2024	20 Feb 2024	27 Feb 2024	4 Mar 2024	21 Mar 2024	26 Mar 2024	5 Apr 2024	12 Apr 2024	29 Apr 2024	7 May 2024	16 May 2024
							Time	11:23 am	10:12 am	11:44 am	9:47 am	11:15 am	11:52 am	1:08 pm	10:48 am	9:43 am	11:46 am	12:46 pm	11:03 am	10:32 am
Heffernanas House	Per Blast	EPL Clause L4.1	-	115	dB (Lin Peak)	Over Pressure	Outcome	95.4	94.9	DNT	DNT	97.2	DNT	109.1	DNT	DNT	DNT	DNT	DNT	DNT
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	5	mm/s	Ground Vibration	Outcome	30 Dec 1899	30 Dec 1899	DNT	DNT	30 Dec 1899	DNT	30 Dec 1899	DNT	DNT	DNT	DNT	DNT	DNT
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
Jerrabomberra	Per Blast	Blast Management Plan	-	115	dB (Lin Peak)	Over Pressure	Outcome	DNT	DNT	DNT	DNT	DNT	DNT	6 Apr 1900	DNT	DNT	DNT	13 Apr 1900	DNT	DNT
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	5	mm/s	Ground Vibration	Outcome	DNT	DNT	DNT	DNT	DNT	DNT	30 Dec 1899	DNT	DNT	DNT	31 Dec 1899	DNT	DNT
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Date	24 May 2024	6 Jun 2024	28 Jun 2024	15 Jul 2024	12 Aug 2024	2 Sep 2024	16 Sep 2024	20 Sep 2024	30 Sep 2024	14 Oct 2024	29 Oct 2024	25 Nov 2024	2 Dec 2024
							Time	12:37 pm	9:47 am	1:32 pm	10:45 am	10:40 am	2:34 pm	12:48 pm	11:37 am	12:26 pm	11:04 am	11:27 am	12:51 pm	1:11 pm
Heffernanas House	Per Blast	EPL Clause L4.1	-	115	dB (Lin Peak)	Over Pressure	Outcome	DNT	DNT	111.20	DNT	DNT	102.30	DNT	107.90	DNT	100.20	101.70	112.50	105.40
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	5	mm/s	Ground Vibration	Outcome	DNT	DNT	0.58	DNT	DNT	1.09	DNT	0.54	DNT	0.50	0.33	0.56	0.08
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
Jerrabomberra	Per Blast	Blast Management Plan	-	115	dB (Lin Peak)	Over Pressure	Outcome	92.80	DNT	100.40	DNT	DNT	96.40	DNT	76.50	82.50	DNT	DNT	82.50	88.50
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	5	mm/s	Ground Vibration	Outcome	0.73	DNT	0.83	DNT	DNT	0.37	DNT	0.58	0.46	DNT	DNT	0.44	0.39
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Date	5 Dec 2024	13 Dec 2024
							Time	11:15 am	11:03 am
Heffernanas House	Per Blast	EPL Clause L4.1	-	115	dB (Lin Peak)	Over Pressure	Outcome	107.0	DNT
							Result	**Within Criteria**	**Within Criteria**
			-	5	mm/s	Ground Vibration	Outcome	0.3	DNT
							Result	**Within Criteria**	**Within Criteria**
Jerrabomberra	Per Blast	Blast Management Plan	-	115	dB (Lin Peak)	Over Pressure	Outcome	DNT	DNT
							Result	**Within Criteria**	**Within Criteria**
			-	5	mm/s	Ground Vibration	Outcome	DNT	DNT
							Result	**Within Criteria**	**Within Criteria**

Over Pressure Monitor Trigger Setting	90	dB
Ground Vibration Monitor Trigger Setting	0.1	mm/s

Annual Blast Monitoring Results (YTD)

Annual Blast Monitoring - Over Pressure (High Range)	
Blast Count	20
YTD Over Pressure in High Range (115 - 120 dBL)	0
% Over Pressure in High Range (115 - 120 dBL)	0%
Annual Over Pressure (Pass / Fail)	**Within Criteria**

Annual Blast Monitoring - Over Pressure (High Range)	
Blast Count	20
YTD Over Pressure Exceeding Maximum Allowable (120 dBL)	0
% Over Pressure Exceeding Maximum Allowable (120 dBL)	0%
Annual Over Pressure (Pass / Fail)	**Within Criteria**

Annual Blast Monitoring - Over Pressure (High Range)	
Blast Count	20
YTD Ground Vibration in High Range (5 - 10 mm/s)	0
% Ground Vibration in High Range (5 - 10 mm/s)	0%
Annual Ground Vibration (Pass / Fail)	**Within Criteria**

Annual Blast Monitoring - Over Pressure (High Range)	
Blast Count	20
YTD Ground Vibration Exceeding Maximum Allowable (10 mm/s)	0
% Ground Vibration Exceeding Maximum Allowable (10 mm/s)	0%
Annual Ground Vibration (Pass / Fail)	**Within Criteria**

2026 (YTD) Surface Water Monitoring Results

Discharge Water Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Month	January	February	March	April	May	June	July	August	September	October	November	December
							Sample Date												
							Report Date												
Point 1	Each Discharge Event	EPL Section L2	6.5	8.5	pH	pH	Outcome												
							Result												
Point 1	Each Discharge Event	EPL Section L2	-	50	mg/L	Suspended Solids	Outcome												
							Result												
Point 1	Each Discharge Event	EPL Section L2	-	10	mg/L	Total Oil & Grease	Outcome												
							Result												

Barracks Creek Water Quality & Flow Monitoring

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Month	January	February	March	April	May	June	July	August	September	October	November	December
							Sample Date	6 Jan 2026	4 Feb 2026	5 Mar 2026									
							Report Date	19 Jan 2026	12 Feb 2026	13 Mar 2026									
Downstream in Barracks Creek	Monthly (Provided creek conditions allows safe access)	Water Management Plan Clause 5.1.2 & 5.1.3	6.5	8.5	pH	pH	Outcome	6 Jan 1900	7 Jan 1900	7 Jan 1900									
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**									
			-	50	mg/L	Suspended Solids	Outcome	4 Jan 1900	4 Jan 1900	4 Jan 1900									
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**									
			-	10	mg/L	Total Oil & Grease	Outcome	9 Jan 1900	4 Jan 1900	4 Jan 1900									
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**									
			125	2200	µS/cm	Electrical Conductivity	Outcome	25 Nov 1902	13 Feb 1903	26 Oct 1902									
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**									
			-	-	m	Creek Depth (Staff Guage)	Outcome	30 Dec 1899	30 Dec 1899	30 Dec 1899									
			-	-	kL	Flow Calculation	Outcome	-	-	-									

Comments: Add any comments regarding the surface water monitoring outcomes in the fields below	

Upslope Catchment Inflow Monitoring

Inflow Volume (kL)	0

Location	Frequency	Source	Unit	Discharge Volume (YTD)	January	February	March	April	May	June	July	August	September	October	November	December
Entry of Upflow catchment to CRQ	Monthly	Water Management Plan Clause 5.1.2 & 5.1.3	kL	Measured Volume from V-notch Weir												

2025 Surface Water Monitoring Results

Discharge Water Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Month	January	February	March	April	May	June	July	August	September	October	November	December
							Sample Date	8 Jan 2025	4 Feb 2025	4 Mar 2025	29 Apr 2025	5 May 2025	4 Jun 2025	2 Jul 2025	6 Aug 2025	4 Sep 2025	2 Oct 2025	4 Nov 2025	4 Dec 2025
							Report Date	-	-	-	-	-	-	-	-	-	-	-	-
Point 1	Each Discharge Event	EPL Section L2	6.5	8.5	pH	pH	Outcome	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow
							Result	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**
Point 1	Each Discharge Event	EPL Section L2	-	50	mg/L	Suspended Solids	Outcome	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow
							Result	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**
Point 1	Each Discharge Event	EPL Section L2	-	10	mg/L	Total Oil & Grease	Outcome	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow
							Result	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**

Barracks Creek Water Quality & Flow Monitoring

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Month	January	February	March	April	May	June	July	August	September	October	November	December
							Sample Date	8 Jan 2025	4 Feb 2025	4 Mar 2025	29 Apr 2025	5 May 2025	4 Jun 2025	2 Jul 2025	6 Aug 2025	4 Sep 2025	2 Oct 2025	4 Nov 2025	4 Dec 2025
							Report Date	24 Jan 2025	7 Feb 2025	7 Mar 2025	2 May 2025	8 May 2025	6 Jun 2025	4 Jul 2025	8 Aug 2025	12 Sep 2025	13 Oct 2025	14 Nov 2025	19 Dec 2025
Downstream in Barracks Creek	Monthly (Provided creek conditions allows safe access)	Water Management Plan Clause 5.1.2 & 5.1.3	6.5	8.5	pH	pH	Outcome	8.4	8.50	10.60	7.80	8.40	8.30	8.30	7.90	8.30	7.70	6.20	8.40
							Result	**Within Criteria**	**Within Criteria**	**Outside Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Outside Criteria**	**Within Criteria**
			-	50	mg/L	Suspended Solids	Outcome	230.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	19.00	5.00
							Result	**Outside Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	10	mg/L	Total Oil & Grease	Outcome	12.00	5.00	12.00	5.00	5.00	10.00	7.30	5.40	7.10	5.00	5.00	10.00
							Result	**Outside Criteria**	**Within Criteria**	**Outside Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			125	2200	µS/cm	Electrical Conductivity	Outcome	1,300.00	1,220.00	983.00	749.00	657.00	1,440.00	971.00	976.00	1,020.00	937.00	894.00	949.00
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	-	m	Creek Depth (Staff Guage)	Outcome	0.10	0.10	0.10	0.15	0.14	0.12	0.12	0.11	0.10	0.15	0.14	0.12
			-	-	kL	Flow Calculation	Outcome	-	-	-	-	-	-	-		-	-	-	-

Comments: Add any comments regarding the surface water monitoring outcomes in the fields below	
Comment 1:	Methodology to convert depth measurement into flow volume using flow rating curve to be determined.

Upslope Catchment Inflow Monitoring

Inflow Volume (kL)	0

Location	Frequency	Source	Unit	Discharge Volume (YTD)	January	February	March	April	May	June	July	August	September	October	November	December
Entry of Upflow catchment to CRQ	Monthly	Water Management Plan Clause 5.1.2 & 5.1.3	kL	Measured Volume from V-notch Weir												

2024 Surface Water Monitoring Results

Discharge Water Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Sample Date	17 Jan 2024	27 Feb 2024	4 Mar 2024	2 Apr 2024	1 May 2024	5 Jun 2024	3 Jul 2024	7 Aug 2024	4 Sep 2024	17 Oct 2024	6 Nov 2024	4 Dec 2024
							Report Date	2 Feb 2024	8 Mar 2024	20 Mar 2024	18 Apr 2024	16 May 2024	28 Jun 2024	16 Jul 2024	21 Aug 2024	10 Sep 2024	24 Oct 2024	18 Nov 2024	12 Dec 2024
EPA Discharge Point Point 1 **SIP Discharge to Barracks Creek**	Each Discharge Event	EPL Section L2	6.5	8.5	pH	pH	Outcome	8.58	8.18	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow
							Result	**Outside Criteria**	**Within Criteria**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**
			-	50	mg/L	Suspended Solids	Outcome	35	3	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow
							Result	**Within Criteria**	**Within Criteria**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**
			-	10	mg/L	Total Oil & Grease	Outcome	0	0	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow
							Result	**Within Criteria**	**Within Criteria**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**	**Not Triggered**

Barracks Creek Water Quality & Flow Monitoring

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Month	January	February	March	April	May	June	July	August	September	October	November	December
							Sample Date	22 Jan 2024	5 Feb 2024	4 Mar 2024	2 Apr 2024	1 May 2024	5 Jun 2024	3 Jul 2024	7 Aug 2024	4 Sep 2024	17 Oct 2024	6 Nov 2024	4 Dec 2024
							Report Date	5 Feb 2024	15 Feb 2024	20 Mar 2024	18 Apr 2024	16 May 2024	28 Jun 2024	16 Jul 2024	21 Aug 2024	10 Sep 2024	24 Oct 2024	18 Nov 2024	12 Dec 2024
Downstream in Barracks Creek	Monthly (Provided creek conditions allows safe access)	Water Management Plan Clause 5.1.2 & 5.1.3	6.5	8.5	pH	pH	Outcome	7.8	7.8	8.1	7.8	8.7	8.1	8.6	7.5	8.4	9.5	8.6	8.5
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Outside Criteria**	**Within Criteria**	**Outside Criteria**	**Within Criteria**	**Within Criteria**	**Outside Criteria**	**Outside Criteria**	**Within Criteria**
			-	50	mg/L	Suspended Solids	Outcome	5	5	5	5	5	5	5	53	5	5	6.2	5
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Outside Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	10	mg/L	Total Oil & Grease	Outcome	10	13	10	10	10	14	10	12	10	5	14	5
							Result	**Within Criteria**	**Outside Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Outside Criteria**	**Within Criteria**	**Outside Criteria**	**Within Criteria**	**Within Criteria**	**Outside Criteria**	**Within Criteria**
			125	2200	µS/cm	Electrical Conductivity	Outcome	555	777	1110	783	737	651	774	852	739	707	731	1190
							Result	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			-	-	m	Creek Depth (Staff Guage)	Outcome	-	-	-	0.095	0.1	0.1	0.1	0.5	0.13	0.23	0.1	0.1
			-	-	kL	Flow Calculation	Outcome	-	-	-	-	-	-	-	-	-	-	-	-

Comments: Add any comments regarding the surface water monitoring outcomes in the fields below	
Comment 1:	Methodology to convert depth measurement into flow volume using flow rating curve to be determined.

Upslope Catchment Inflow Monitoring

Inflow Volume (kL)	142

Location	Frequency	Source	Unit	Discharge Volume (YTD)	January	February	March	April	May	June	July	August	September	October	November	December
Entry of Upflow catchment to CRQ	Monthly	Water Management Plan Clause 5.1.2 & 5.1.3	kL	Measured Volume from V-notch Weir	28	88	9	7	8	2	0					

Comments: Add any comments regarding the surface water monitoring outcomes in the fields below	
Comment 1:	Recording of upslope inflow using a v-notch wier to commence in 2024

2026 - Groundwater Monitoring Results

Location	Frequency	Source	Description	Unit	Quarter	Q1	Q2	Q3	Q4
					Sample Date	4 Feb 2026			
MB01	Quarterly	Water Management Plan Section 5.2	**Depth to water**	Meters	Outcomes	636.89			
			pH	ph Units		7.7			
			Temperature	deg. C		27.0			
			Electrical Conductivty	µS/cm		1,180			
			Total Dissolved Solids	mg/L		752			
			Observation - Colour (Clear, Cloudy or Dirty)	-		Clear			
			Observation - Odour (No Odour, Mild Odour, Strong Odour)	-		Mild Odour			
MB02	Quarterly	Water Management Plan Section 5.2	**Depth to water**	Meters	Outcomes	707.19			
			pH	ph Units		7.3			
			Temperature	deg. C		25.9			
			Electrical Conductivty	µS/cm		326			
			Total Dissolved Solids	mg/L		212			
			Observation - Colour (Clear, Cloudy or Dirty)	-		Cloudy			
			Observation - Odour (No Odour, Mild Odour, Strong Odour)	-		Mild Odour			
GW400534	Quarterly	Water Management Plan Section 5.2	**Depth to water**	Meters	Outcomes	654.09			
			pH	ph Units		7.4			
			Temperature	deg. C		23.9			
			Electrical Conductivty	µS/cm		763			
			Total Dissolved Solids	mg/L		488			
			Observation - Colour (Clear, Cloudy or Dirty)	-		Dirty			
			Observation - Odour (No Odour, Mild Odour, Strong Odour)	-		No Odour			
GW416130	Quarterly	Water Management Plan Section 5.2	**Depth to water**	Meters	Outcomes	691.99			
			pH	ph Units		7.4			
			Temperature	deg. C		24.0			
			Electrical Conductivty	µS/cm		1,810			
			Total Dissolved Solids	mg/L		1,160			
			Observation - Colour (Clear, Cloudy or Dirty)	-		Clear			
			Observation - Odour (No Odour, Mild Odour, Strong Odour)	-		No Odour			

2025 - Groundwater Monitoring Results

Location	Frequency	Source	Description	Unit	Quarter	Q1	Q2	Q3	Q4
					Sample Date	4 Mar 2025	3 Apr 2025	1 Jul 2025	2 Oct 2025
MB01	Quarterly	Water Management Plan Section 5.2	**Depth to water**	Meters	Outcomes	637.15	701.98	635.66	638.01
			pH	ph Units		7.9	7.7	7.0	6.7
			Temperature	deg. C		17.5	15.2	14.9	16.4
			Electrical Conductivty	µS/cm		1,640	1,180	1,277	1,290
			Total Dissolved Solids	mg/L		1,040	756	830	825
			Observation - Colour (Clear, Cloudy or Dirty)	-		Clear	Clear	Clear	Clear
			Observation - Odour (No Odour, Mild Odour, Strong Odour)	-		No Odour	No Odour	Mild Odour	Mild Odour
MB02	Quarterly	Water Management Plan Section 5.2	**Depth to water**	Meters	Outcomes	710.10	760.22	709.06	709.41
			pH	ph Units		7.8	7.7	7.6	6.8
			Temperature	deg. C		18.3	16.3	15.9	16.7
			Electrical Conductivty	µS/cm		849	505	589	341
			Total Dissolved Solids	mg/L		543	323	186	222
			Observation - Colour (Clear, Cloudy or Dirty)	-		Cloudy	Clear	Cloudy	Cloudy
			Observation - Odour (No Odour, Mild Odour, Strong Odour)	-		No Odour	No Odour	Mild Odour	Mild Odour
GW400534	Quarterly	Water Management Plan Section 5.2	**Depth to water**	Meters	Outcomes	659.04	715.05	669.07	652.38
			pH	ph Units		8.3	7.6	6.8	6.7
			Temperature	deg. C		18.5	15.6	14.7	15.6
			Electrical Conductivty	µS/cm		577	664	722	1,040
			Total Dissolved Solids	mg/L		369	425	470	666
			Observation - Colour (Clear, Cloudy or Dirty)	-		Cloudy	Clear	Dirty	Dirty
			Observation - Odour (No Odour, Mild Odour, Strong Odour)	-		No Odour	No Odour	No Odour	No Odour
GW416130	Quarterly	Water Management Plan Section 5.2	**Depth to water**	Meters	Outcomes	695.74	726.02	696.41	697.42
			pH	ph Units		8.1	7.6	6.8	6.3
			Temperature	deg. C		17.7	14.5	14.4	15.7
			Electrical Conductivty	µS/cm		1,870	1,790	1,864	1,970
			Total Dissolved Solids	mg/L		1,190	1,150	1,214	1,260
			Observation - Colour (Clear, Cloudy or Dirty)	-		Cloudy	Cloudy	Clear	Clear
			Observation - Odour (No Odour, Mild Odour, Strong Odour)	-		No Odour	No Odour	No Odour	No Odour

2024 - Groundwater Monitoring Results

Location	Frequency	Source	Description	Unit	Quarter	Q1	Q2	Q3	Q4
					Sample Date	3 Apr 2024	1 May 2024	4 Sep 2024	6 Nov 2024
MB01	Quarterly	Water Management Plan Section 5.2	**Depth to water**	Meters	Outcomes	636.94	636.61	636.67	637.22
			pH	ph Units		8.2	7.7	7.9	7.4
			Temperature	deg. C		19.1	22.7	15.3	20.5
			Electrical Conductivty	µS/cm		1,220	846	877	1,127
			Total Dissolved Solids	mg/L		587	861	796	602
			Observation - Colour (Clear, Cloudy or Dirty)	-		Clear	Clear	Clear	Clear
			Observation - Odour (No Odour, Mild Odour, Strong Odour)	-		Mild Odour	No Odour	Mild Odour	No Odour
MB02	Quarterly	Water Management Plan Section 5.2	**Depth to water**	Meters	Outcomes	717.98	717.93	702.55	708.60
			pH	ph Units		7.6	7.9	7.4	7.5
			Temperature	deg. C		19.6	20.7	15.8	24.0
			Electrical Conductivty	µS/cm		1,467	2,031	1,150	250
			Total Dissolved Solids	mg/L		598	743	737	163
			Observation - Colour (Clear, Cloudy or Dirty)	-		Clear	Cloudy	Cloudy	Cloudy
			Observation - Odour (No Odour, Mild Odour, Strong Odour)	-		No Odour	No Odour	No Odour	Mild Odour
GW400534	Quarterly	Water Management Plan Section 5.2	**Depth to water**	Meters	Outcomes	669.84	669.75	711.14	669.10
			pH	ph Units		7.4	7.1	7.1	7.6
			Temperature	deg. C		19.1	23.0	15.8	21.4
			Electrical Conductivty	µS/cm		718	596	585	428
			Total Dissolved Solids	mg/L		319	329	301	297
			Observation - Colour (Clear, Cloudy or Dirty)	-		Cloudy	Cloudy	Cloudy	Clear
			Observation - Odour (No Odour, Mild Odour, Strong Odour)	-		No Odour	No Odour	No Odour	No Odour
GW416130	Quarterly	Water Management Plan Section 5.2	**Depth to water**	Meters	Outcomes	703.15	702.45	670.00	697.39
			pH	ph Units		6.7	7.4	7.3	7.4
			Temperature	deg. C		19.7	21.5	15.0	20.5
			Electrical Conductivty	µS/cm		1,352	2,251	1,920	1,760
			Total Dissolved Solids	mg/L		537	1,469	1,230	1,130
			Observation - Colour (Clear, Cloudy or Dirty)	-		Clear	Cloudy	Cloudy	Clear
			Observation - Odour (No Odour, Mild Odour, Strong Odour)	-		No Odour	No Odour	No Odour	No Odour