

Dust Depositional Gauge Construction Monitoring - South



Monthly Results

Period	Start Date	End Date	DDG1		DDG2		DDG3		DDG4		DDG5		DDG6		DDG7		DDG8		DDG9		DDG10		DDG11		DDG12		
			Results	Observations	Results	Observations	Results	Observations	Results	Observations	Results	Observations	Results	Observations	Results	Observations	Results	Observations	Results	Observations	Results	Observations	Results	Observations	Results	Observations	Results
Jul-24	27-06-24	26-07-24	0.1		1.3		0.4		0.2		0.0		0.1		0.2		1.1		0.1								

Rolling Average

Period	DDG1		DDG2		DDG3		DDG4		DDG5		DDG6		DDG7		DDG8		DDG9		DDG10		DDG11		DDG12		
	Criteria	Results	Criteria	Results	Criteria	Results	Criteria	Results	Criteria	Results	Criteria	Results	Criteria	Results	Criteria	Results	Criteria	Results	Criteria	Results	Criteria	Results	Criteria	Results	
Jul-24	3.00	1.4	3.59	4.0	2.68	1.0	2.25	1.6	2.91	0.5	2.84	0.5	2.08	1.4	3.59	2.4	2.08	0.3							

Water Discharge Monitoring - Sediment Basins



Date	Time	Location / Sample Name	Lab ID	FGJV Discharge Permit No.	EPL Special Frequency 1: Standard Sampling Parameters				EPL Special Frequency 3: Alum Floc Doing Sampling Parameters			Collected By	Instrumentation	Approx. Volume m3	Comments
					TSS (mg/L)	Turbidity (NTU)	pH	Oil & Grease	Aluminium (mg/L)	Iron (mg/L)	Conductivity (µS/cm)				
01/07/2024	10:00 AM	B21100L	NA	554	50 / 10	60	6.5-8.5	Not Visible	0.055	0.3	125-2,200 / N/A	A.Burke	Horiba	801	EPL Criteria / ANZG (2018) default guideline values for Lowland Rivers / Estuaries
01/07/2024	10:00 AM	B20750R	NA	555	NA	9.3	7.31	nil				A.Burke	Horiba	982	
03/07/2024	12:50 PM	B12250R	NA	6	NA	27.7	6.52	nil				E.Oldman	Horiba		
04/07/2024	7:30 AM	B10700R	TBC	2120	TBC	55.4	6.57	nil				E.Oldman	Horiba		
04/07/2024	11:52 AM	B12250R	NA	7	NA	59.8	6.66	nil				E.Oldman	Horiba		
04/07/2024	1:05 PM	B11450R	NA	8	NA	41.7	6.54	nil				E.Oldman	Horiba		
04/07/2024	1:12 PM	B11000R	NA	9	NA	50.9	7.11	nil				E.Oldman	Horiba		
04/07/2024	1:38 PM	B12600L	NA	10	NA	39.9	6.55	nil				E.Oldman	Horiba		
08/07/2024	8:10 AM	B11450R	NA	1703	NA	41.9	6.71	nil				E.Oldman	Horiba		
08/07/2024	8:30 AM	B11000R	NA	1704	NA	38.4	7.17	nil				E.Oldman	Horiba		
08/07/2024	8:36 AM	B12600L	NA	1705	NA	42.5	6.89	nil				E.Oldman	Horiba		
08/07/2024	8:58 AM	B12250R	NA	1706	NA	30.1	7.02	nil				E.Oldman	Horiba		
09/07/2024	9:11 AM	B12250R	24/1623/12	1707	20	26.1	6.81	nil				S.Thomson	Horiba		
09/07/2024	9:00 AM	B12600L	TBC	1708	TBC	22.5	6.6	nil				S.Thomson	Horiba		
09/07/2024	9:30 AM	B11450R	NA	1709	NA	12	6.96	nil				S.Thomson	Horiba		
09/07/2024	9:42 AM	B11000R	NA	1710	NA	36	7.17	nil				S.Thomson	Horiba		
09/07/2024	10:30 AM	B20750R	NA	556	NA	7.4	6.87	nil				A.Burke	Horiba	614	
09/07/2024	10:30 AM	B21100L	NA	557	NA	8.5	8.42	nil				A.Burke	Horiba	1802	
10/07/2024	8:55 AM	B10700R	NA	1652	NA	32.4	7.24	nil				S.Thomson	Horiba		
10/07/2024	7:30 AM	B20300R	NA	559	NA	10	7.5	nil				A.Burke	Horiba	2114	
15/07/2024	7:00 AM	B11000R	NA	2020	NA	35	7.5	nil				T.Gilheany	Horiba		
15/07/2024	11:00 AM	B16550R	NA	1651	NA	37.2	6.52	nil				S.Thomson	Horiba		
10/07/2024	8:55 AM	B10750	NA	1652	NA	32.4	7.24	nil				S.Thomson	Horiba		
10/07/2024	9:10 AM	B11400R	NA	1653	NA	17.1	7.07	nil				S.Thomson	Horiba		
16/07/2024	12:02 PM	B13950R	NA	1654	NA	7.8	6.59	nil				S.Thomson	Horiba		
16/07/2024	12:02 PM	B14100R	NA	1655	NA	14.8	6.78	nil				S.Thomson	Horiba		
16/07/2024	12:30 PM	B14200	NA	1656	NA	40.7	6.97	nil				S.Thomson	Horiba		
16/07/2024	12:52 PM	B14500R	NA	1657	NA	2.8	6.56	nil				S.Thomson	Horiba		
16/07/2024	1:37 PM	B15500R	NA	1658	NA	20.2	6.84	nil				S.Thomson	Horiba		
17/07/2024	8:30 AM	B1100R	NA	1659	NA	28.8	6.51	nil				S.Thomson	Horiba		
17/07/2024	9:20 AM	B12600R	NA	1660	NA	25.2	6.57	nil				S.Thomson	Horiba		
17/07/2024	3:00 PM	B15300R	NA	2021	NA	55	6.9	nil				T.Gilheany	Horiba		
22/07/2024	8:25 AM	B11450R	NA	1661	NA	8.9	7.05	nil				S.Thomson	Horiba		
30/07/2024	11:00 AM	B11000R	NA	1662	NA	56	6.54	nil				S.Thomson	Horiba		
31/07/2024	7:30 AM	B14200R	NA	2023	NA	26	7.9	nil				T.Gilheany	Horiba		

Water Discharge Monitoring - WTPs



Date	Time	Location / Sample Name	Lab Ref.	Discharge Permit No.	TSS (mg/L)	pH	Oil & Grease	Arsenic (mg/L)	Cadmium (mg/L)	Chromium VI (mg/L)	Chromium III (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Zinc (mg/L)	Collected by	Comment
					50	6.5 to 8.5	None Visible	0.05	0.014	0.07	0.15	0.04	1.5	0.03	2.2	0.0007	0.2	0.15		
6/19/2024	10:00 AM	Gatleys-N (GWTP-1)	24/1516/2	2019	29	7.2	None	<0.012	<0.002	0.035	0.005	<0.003	0.39	<0.008	0.044	0.0001	<0.004	0.02	T. Gilheany	Awaiting Mercury and subby lab results
6/19/2024	10:00 AM	Gatleys-N (GWTP-2)	24/1516/3		13	7.2	None	<0.012	<0.002	0.038	<0.002	<0.003	0.15	<0.008	0.039	0.0001	<0.004	0.005	T. Gilheany	
6/19/2024	10:00 AM	Gatleys-N (GWTP-3)	24/1516/4		<2	6.8	None	<0.001	<0.001	0.032	0.011	0.003	0.095	0.001	0.043	0.0001	0.0016	0.014	T. Gilheany	

CHB Blasting monitoring

DNT Did not trigger
 MFTR Monitor failed to record
 NRR No result recorded

- Controlled blasting agreement in place
- Exceedance of Limit 1
- Exceedance of Limit 2
- X Exceedance of controlled blasting agreement

Airblast overpressure and Ground vibration limits for human comfort

Limits (EPL 21766 Condition L5.1, 5.2 and 5.3 MCoAs E55, E56, E57 & E58)

Blasting operations lasting less than 12 months or less than 20 blasts in total:

<i>Airblast overpressure criteria</i>			
	Airblast overpressure (dB(Lin Peak))	Allowable exceedance	
Limit 1	120	5% of total number of blasts over the EPL reporting period	
Limit 2	125	Never	
<i>Peak particle velocity criteria</i>			
	Peak particle velocity (mm/s)	Allowable exceedance	
Limit 1	10	Never	
Limit 2	-	N/A - only 1 limit applies to blasting within this duration	
<i>Community agreement criteria</i>			
Peak particle velocity (mm/s):	10		
Airblast overpressure (dB(Lin Peak)):	125		

Blasting operations lasting more than 12 months or more than 20 blasts in total:

<i>Airblast overpressure criteria</i>			
	Airblast overpressure (dB(Lin Peak))	Allowable exceedance	
Limit 1	115	5% of total number of blasts over the EPL reporting period	
Limit 2	120	Never	
<i>Peak particle velocity criteria</i>			
	Peak particle velocity (mm/s)	Allowable exceedance	
Limit 1	5	5% of total number of blasts over the EPL reporting period	
Limit 2	10	Never	
<i>Community agreement criteria</i>			
Peak particle velocity (mm/s):	25		
Airblast overpressure (dB(Lin Peak)):	125		

Blast Location	Blast Ref.	Date	Time	MIC	Blast Subcontractor	Monitor Location	Distance from Blast	Monitor Location Type	Results		Exceedance of Airblast Overpressure Criteria		Exceedance of PPV Criteria		Covered by a Blasting Agreement?	Exceedance of Agreement Criteria		Comment
									PPV (mm/s)	Overpressure (dB(L))	Exceedance of Limit 1	Exceedance of Limit 2	Exceedance of Limit 1	Exceedance of Limit 2		Exceedance of PPV Limit?	Exceedance of Airblast Limit?	
Cut 16	Blast 23	7/1/2024	14:15	19 & 9.71	Ron Southon	53 Bruxner Park Road	235m	Sensitive Site (House)	4.824	105.5	No	No	No	No	No	No	No	
						19-19A Bruxner Park Rd (RFS Building)	141m	Other structure	4.038	117.1	No	No	Yes	No	No	No	No	
						15 Bruxner Park Road	228m	Sensitive Site (House)	2.408	108.7	No	No	No	No	No	No	No	
						108 West Korora Rd	287m	Sensitive Site (House)	2.469	117.9	No	No	Yes	No	Yes	No	No	
Cut 16	Blast 24	7/11/2024	14:15	20 & 11.6	Ron Southon	53 Bruxner Park Road	210m	Sensitive Site (House)	3.597	112.6	No	No	No	No	No	No	No	
						19-19A Bruxner Park Rd (RFS Building)	50m	Other structure	3.747	113.8	No	No	No	No	No	No	No	
						15 Bruxner Park Road	150m	Sensitive Site (House)	3.270	108.8	No	No	No	No	No	No	No	
						108 West Korora Rd	310m	Sensitive Site (House)	4.068	104.2	No	No	No	No	Yes	No	No	
Cut 16	Blast 25	7/19/2024	14:15	16 & 5	Ron Southon	53 Bruxner Park Road	260m	Sensitive Site (House)	3.941	110.2	No	No	No	No	No	No	No	
						19-19A Bruxner Park Rd (RFS Building)	65m	Other structure	8.026	95.9	No	No	No	No	No	No	No	
						15 Bruxner Park Road	150m	Sensitive Site (House)	4.437	88.4	No	No	No	No	No	No	No	
						108 West Korora Rd	260m	Sensitive Site (House)	4.056	108.2	No	No	No	No	Yes	No	No	
Cut 16	Blast 26	7/26/2024	14:15	16 & 5	Ron Southon	53 Bruxner Park Road	322m	Sensitive Site (House)	2.697	108.0	No	No	No	No	No	No	No	
						19-19A Bruxner Park Rd (RFS Building)	186m	Other structure	2.697	111.2	No	No	No	No	No	No	No	
						15 Bruxner Park Road	214m	Sensitive Site (House)	3.636	88.7	No	No	No	No	No	No	No	
						108 West Korora Rd	171m	Sensitive Site (House)	3.333	108.0	No	No	No	No	Yes	No	No	

MFTR Monitor failed to record
 NRR No result recorded

Limits (EPL 21766 Condition L5.1, 5.2 and 5.3 MCoAs E55, E56, E57 & E58)

Blasting operations lasting less than 12 months or less than 20 blasts in total:

Airblast overpressure criteria		Allowable exceedance
Limit 1	5% of total number of blasts over the EPL reporting period	
Limit 2	Never	

Peak particle velocity criteria		Allowable exceedance
Limit 1	Never	
Limit 2	N/A - only 1 limit applies to blasting within this duration	

Community agreement criteria	
Peak particle velocity (mm/s):	25
Airblast overpressure (dB(Lin)):	125

Blasting operations lasting more than 12 months or more than 20 blasts in total:

Airblast overpressure criteria		Allowable exceedance
Airblast overpressure (dB(Lin Peak))		
Limit 1	115	5% of total number of blasts over the EPL reporting period
Limit 2	120	Never

Peak particle velocity criteria		Allowable exceedance
Peak particle velocity (mm/s)		
Limit 1	5	5% of total number of blasts over the EPL reporting period
Limit 2	10	Never

Community agreement criteria	
Peak particle velocity (mm/s):	25
Airblast overpressure (dB(Lin Peak)):	125

- Controlled blasting agreement in place
- Exceedance of Limit 1
- Exceedance of Limit 2
- X Exceedance of controlled blasting agreement

Blast Location	Blast Ref.	Date	Time	MIC (kg)	Blast Subcontractor	Monitor Location	Results		Exceedance of Airblast Overpressure Criteria		Exceedance of PPV Criteria		Covered by a Blasting Agreement?	Exceedance of Agreement Criteria		Comment
							PPV (mm/s)	Overpressure (dB(L))	Exceedance of Limit 1	Exceedance of Limit 2	Exceedance of Limit 1	Exceedance of Limit 2		Exceedance of PPV Limit?	Exceedance of Overpressure Limit?	
Cut 5B	Blast 7	7/12/2024	2:30	30 & 8.5	Ron Southon	15A Nelson Street	16.410	117.80	Yes	No	No	No	Yes	No	No	
						15B Nelson Street	6.347	117.10	Yes	No	No	No	Yes	No	No	
						15 & 15C Nelson Street	6.280	115.00	No	No	No	No	Yes	No	No	
						353C Coramba Road	5.439	114.80	No	No	No	No	No	No	No	
Cut 5B	Blast 8	7/25/2024	2:15	30 & 9	Ron Southon	15A Nelson Street	13.470	124.60	Yes	No	Yes	No	Yes	No	No	
						15B Nelson Street	8.983	88.20	No	No	No	No	Yes	No	No	
						15 & 15C Nelson Street	8.850	111.80	No	No	No	No	Yes	No	No	
						353C Coramba Road	0.046	110.50	No	No	No	No	No	No	No	
						52 Buchanans Road	2.568	109.90	No	No	No	No	No	No		

CHB Noise Monitoring Register



Date	Time	Purpose	Works / Activity Monitored	Relevant EPL Clause	Area (North or South)	Monitoring location	Monitoring Duration (mins)	Attended or Unattended	NCA	NML (dBA)	Prediction (dBA)	Measured Noise Descriptors (dBA)				Estimated Construction Contribution (dBA)	Compliant?	Additional Mitigation Applied / Corrective Actions?	Comments
												L _{Aeq}	L _{MAX}	L ₉₀	L ₁₀				
16/07/2024	10:45 PM	OOH Verification	Underboring - drill rig and vacuum truck	L6.4	North	6 Coachmans Cl	15	Attended	28	47	67	67	80	61	66	64	Yes	N/A	Noise blankets set up on ATF around work area. Vacuum truck was the dominant noise sources
	11:12 PM					4 Coachmans Cl	10	Attended	28	47	66	63	75	59	65	63	Yes	N/A	
17/07/2024	12:52 AM		Underboring - drill rig only			4 Coachmans Cl	15	Attended	28	47	64	61	73	53	64	61	Yes	N/A	Noise blankets set up on ATF around work area and shielding drill rig well (no LOS)
30/07/2024	7:48 PM	OOH Verification	B21 girder crane setup	L6.5	North	12 Russ Hammond Cl	15	Attended	26	42	53	70	86	56	74	53	Yes	N/A	Traffic on Pacific Highway dominant during monitoring (63-85dBA). Works only partly audible during infrequent breaks in traffic (53-55dBA). Works include set up of TC and cranes.
	9:47 PM	OOH Verification	B21 girder installation	L6.5	North	12 Russ Hammond Cl	15	Attended	26	42	57	69	83	56	74	53	Yes	N/A	Traffic on Pacific Highway dominant during monitoring (63-85dBA). Works only partly audible during infrequent breaks in traffic (53-55dBA). Works include girder arrival and rigging.
	10:02 PM	OOH Verification	B21 girder installation	L6.5	North	12 Russ Hammond Cl	15	Attended	26	42	57	70	93	56	73	56	Yes	N/A	Traffic on Pacific Highway dominant during monitoring (63-85dBA). Works only partly audible during infrequent breaks in traffic (53-58dBA). Works include lift of girder and float leaving work area.

EPL HESB sampling results												
Date	Time	Sampling location ID inflow/outflow	Rainfall mm	oil/grease	turbidity	pH	EC (µScm-1)	TSS	Aluminium (mg/L)*	Iron (mg/L)*	Comments	
7/3/2024	8.10am	HEB 15000R In		Nil	18.6	7.00	0.054	35	1.13		1.28	
7/3/2024	8.05 am	HEB 15000R out		Nil	7.05	7.20	0.061	5	0.38		0.39	
7/3/2024	8.40am	15300R out		Nil	49.7	7.20	0.071	103	7.49		9.1	
7/3/2024	8.55am	HEB 17700R In		Nil	51.2	7.00	0.087	141	5.21		6.47	
7/3/2024	9.05am	HEB 17700R out		Nil	34.6	7.10	0.109	45	1.61		1.81	
7/3/2024		HEB18100R In										
7/3/2024		HEB18100R Out										
7/3/2024		18250R in									Basins not overtopping	
7/3/2024		18250R out										
7/3/2024	9.40am	HEB 18650R in		Nil	65.6	6.80	0.172	68	5.93		1.46	
7/3/2024	9.45am	HEB 18650R out		Nil	5.48	7.00	0.215	13	0.57		0.29	
7/3/2024	1.54pm	21100L out		Nil	37.3	6.90	0.259	42	0.998		1.13	
7/3/2024	1.10pm	HEB 21750L in		Nil	17.4	7.00	0.115	21	1.37		1.15	
7/3/2024	1.15pm	HEB21750L out		Nil	12.9	7.00	0.190	8	0.38		0.56	
7/9/2024	10:52	HEB 15000R In		Nil	177	6.69	0.114	55	2.04		1.66	
7/9/2024	10:40	HEB 15000R out		Nil	5.85	6.89	0.083	7	0.88		0.49	
7/9/2024	10:52	15300R out		Nil	15	6.80	0.106	83	14.4		81	
7/9/2024	11:05	HEB 17700R In		Nil	128	6.62	0.097	162	24.5		6.09	
7/9/2024	11:10	HEB 17700R out		Nil	15.4	6.51	0.113	23	2.56		1.26	
7/9/2024		HEB18100R In		Nil								
7/9/2024		HEB18100R Out		Nil							Basins not overtopping	
7/9/2024	11:25	18250R in		Nil	5.88	6.86	0.444	5	0.28		0.15	
7/9/2024		18250R out		Nil							Basins not overtopping	
7/9/2024	11:45	HEB 18650R in		Nil	34.8	6.61	0.123	52	11.4		0.69	
7/9/2024	11:30	HEB 18650R out		Nil	5.64	6.75	0.171	11	1.61		0.12	
7/9/2024	12:35	21100L out		Nil	3.88	6.87	0.172	4	0.18		0.11	
7/9/2024	12:25	HEB 21750L in		Nil	76.3	6.57	0.125	77	4.78		2.81	
7/9/2024	12:28	HEB21750L out		Nil	10.1	6.69	0.101	9	0.65		0.49	

Blast Location	Date	Time	Monitor SN	Monitor Location	Monitor Location Type	Results		Exceedance of Airblast Overpressure Criteria				Exceedance of PPV Criteria		Covered by a Blasting Agreement?	Exceedance of Agreement Criteria		Comment
						PPV (mm/s)	Overpressure (dB(L))	Limit 1 (dB(L))	Limit 2 (dB(L))	Exceedance of Limit 1	Exceedance of Limit 2	Limit (mm/s)	Exceedance of Limit 1		Exceedance of PPV Limit?	Exceedance of Overpressure Limit?	
Gatleys North Portal - NB	2/07/2024	17:51	7755	172 West Korora Road	Sensitive Site (House)	0.32	126.5	115	120	Yes	Yes	5	No	No	No	No	
			7819	84 Gatleys Road	Sensitive Site (House)	0.51	120.1	115	130	Yes	No	5	No	Yes	No	No	
Gatleys North Portal - NB	3/07/2024	7:40	7755	172 West Korora Road	Sensitive Site (House)	0.35	125	115	120	Yes	Yes	5	No	No	No	No	
			7819	84 Gatleys Road	Sensitive Site (House)	0.39	119.1	115	130	Yes	No	5	No	Yes	No	No	
Gatleys North Portal - SB	4/07/2024	7:08	7755	172 West Korora Road	Sensitive Site (House)	0.29	116.8	115	120	Yes	No	5	No	No	No	No	
			7819	84 Gatleys Road	Sensitive Site (House)	0.74	114.4	115	130	No	No	5	No	Yes	No	No	
Gatleys North Portal - NB	5/07/2024	7:09	7755	172 West Korora Road	Sensitive Site (House)	0.39	118.8	115	120	Yes	No	5	No	No	No	No	
			7819	84 Gatleys Road	Sensitive Site (House)	0.46	113.8	115	130	No	No	5	No	Yes	No	No	
Gatleys North Portal - NB	6/07/2024	9:00	7755	172 West Korora Road	Sensitive Site (House)	0.33	118.7	115	120	Yes	No	5	No	No	No	No	
			7819	84 Gatleys Road	Sensitive Site (House)	1.11	119.7	115	130	Yes	No	5	No	Yes	No	No	
Gatleys North Portal - NB	9/07/2024	9:36	7755	172 West Korora Road (approximated)	Sensitive Site (House)	DNT	115.9	115	120	Yes	No	5	No	No	No	No	PPV not triggered
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	117.9	115	130	Yes	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.
Gatleys North Portal - SB	9/07/2024	17:57	7755	172 West Korora Road (approximated)	Sensitive Site (House)	DNT	116.1	115	120	Yes	No	5	No	No	No	No	PPV not triggered
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	118.1	115	130	Yes	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.
Gatleys North Portal - NB	10/07/2024	17:56	7755	172 West Korora Road (approximated)	Sensitive Site (House)	DNT	117.1	115	120	Yes	No	5	No	No	No	No	PPV not triggered
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	119.2	115	130	Yes	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.
Gatleys North Portal - SB	11/07/2024	7:40	7755	172 West Korora Road (approximated)	Sensitive Site (House)	DNT	119.8	115	120	Yes	No	5	No	No	No	No	PPV not triggered
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	122.5	115	130	Yes	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.
Gatleys North Portal - NB	12/07/2024	15:31	7755	172 West Korora Road (approximated)	Sensitive Site (House)	DNT	115.6	115	120	Yes	No	5	No	No	No	No	PPV not triggered
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	117.6	115	130	Yes	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.
Gatleys North Portal - SB	13/07/2024	9:07	7755	172 West Korora Road (approximated)	Sensitive Site (House)	DNT	114.5	115	120	No	No	5	No	No	No	No	PPV not triggered
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	117.6	115	130	Yes	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.
Gatleys North Portal - NB	16/07/2024	8:58	7755	172 West Korora Road (approximated)	Sensitive Site (House)	0.58	117.1	115	120	Yes	No	5	No	No	No	No	
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	114.8	115	130	No	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.
Gatleys North Portal - SB	16/07/2024	17:37	7755	172 West Korora Road (approximated)	Sensitive Site (House)	0.66	119.9	115	120	Yes	No	5	No	No	No	No	
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	118.5	115	130	Yes	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.
Gatleys North Portal - SB	17/07/2024	16:13	7755	172 West Korora Road (approximated)	Sensitive Site (House)	0.23	116.2	115	120	No	No	5	No	No	No	No	
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	113.9	115	130	No	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.
Gatleys North Portal - SB	18/07/2024	13:26	7755	172 West Korora Road (approximated)	Sensitive Site (House)	0.54	120	115	120	Yes	No	5	No	No	No	No	
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	117.7	115	130	Yes	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.

Blast Location	Date	Time	Monitor SN	Monitor Location	Monitor Location Type	Results		Exceedance of Airblast Overpressure Criteria				Exceedance of PPV Criteria		Covered by a Blasting Agreement?	Exceedance of Agreement Criteria		Comment	
						PPV (mm/s)	Overpressure (dB(L))	Limit 1 (dB(L))	Limit 2 (dB(L))	Exceedance of Limit 1	Exceedance of Limit 2	Limit (mm/s)	Exceedance of Limit 1		Exceedance of PPV Limit?	Exceedance of Overpressure Limit?		
Gatleys North Portal - NB	19/07/2024	7:04	7755	172 West Korora Road (approximated)	Sensitive Site (House)	0.61	116.6	115	120	Yes	No	5	No	No	No	No		
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	114.3	115	130	No	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.	
Gatleys North Portal - SB	20/07/2024	9:30	7755	172 West Korora Road (approximated)	Sensitive Site (House)	0.38	118.5	115	120	Yes	No	5	No	No	No	No		
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	116.1	115	130	Yes	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.	
Gatleys North Portal - NB	22/07/2024	17:37	7755	172 West Korora Road (approximated)	Sensitive Site (House)	0.71	116.8	115	120	Yes	No	5	No	No	No	No	PPV not triggered	
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	114.5	115	130	No	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.	
Gatleys North Portal - SB	23/07/2024	16:20	7755	172 West Korora Road (approximated)	Sensitive Site (House)	0.41	122.7	115	120	Yes	Yes	5	No	No	No	No		
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	120.2	115	130	Yes	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.	
Gatleys North Portal - NB	24/07/2024	17:38	7755	172 West Korora Road (approximated)	Sensitive Site (House)	0.67	122.7	115	120	Yes	Yes	5	No	No	No	No		
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	120.2	115	130	Yes	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.	
Gatleys North Portal - SB	25/07/2024	17:29	7755	172 West Korora Road (approximated)	Sensitive Site (House)	0.54	119	115	120	Yes	No	5	No	No	No	No		
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	116.6	115	130	Yes	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.	
Gatleys North Portal - NB	26/07/2024	8:09	7755	172 West Korora Road (approximated)	Sensitive Site (House)	0.54	116	115	120	Yes	No	5	No	No	No	No		
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	113.7	115	130	No	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.	
Gatleys South Portal - NB	26/07/2024	11:04	7704	135 Mackays Road	Sensitive Site (House)	0.11	121	115	130	Yes	No	5	No	Yes	No	No		
			7737	171C Mackays Road	Sensitive Site (House)	0.19	126.3	115	130	Yes	No	5	No	Yes	No	No		
			7489	171B Mackays Road	Non-residential receiver	0.17	124.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			7544	191 Mackays Road	Sensitive Site (House)	0.4	117.7	115	130	Yes	No	5	No	Yes	No	No		
Gatleys South Portal - SB	26/07/2024	12:47	7704	135 Mackays Road	Sensitive Site (House)	0.08	112.7	115	130	No	No	5	No	Yes	No	No		
			7737	171C Mackays Road	Sensitive Site (House)	0.12	113.7	115	130	No	No	5	No	Yes	No	No		
			7489	171B Mackays Road	Non-residential receiver	0.16	110	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
			7544	191 Mackays Road	Sensitive Site (House)	0.39	113.7	115	130	No	No	5	No	Yes	No	No		
Gatleys North Portal - SB	27/07/2024	9:01	7755	172 West Korora Road (approximated)	Sensitive Site (House)	0.46	116.3	115	120	Yes	No	5	No	No	No	No		
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	114	115	130	No	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.	
Gatleys North Portal - SB	30/07/2024	17:33	7755	172 West Korora Road (approximated)	Sensitive Site (House)	0.57	125.6	115	120	Yes	Yes	5	No	No	No	No		
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	123.1	115	130	Yes	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.	
Gatleys North Portal - NB	31/07/2024	7:22	7755	172 West Korora Road (approximated)	Sensitive Site (House)	0.55	122.7	115	120	Yes	Yes	5	No	No	No	No		
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	120.2	115	130	Yes	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.	
Gatleys North Portal - NB	31/07/2024	13:55	7755	172 West Korora Road (approximated)	Sensitive Site (House)	0.47	124.6	115	120	Yes	Yes	5	No	No	No	No		
			7819	84 Gatleys Road	Sensitive Site (House)	N/A	122.1	115	130	Yes	No	5	No	Yes	No	No	PPV no longer recorded at 84 Gatleys Road as JV has confidence that an exceedance is unlikely due to past compliant results.	
Gatleys South Portal - NB	31/07/2024	15:18	7704	135 Mackays Road	Sensitive Site (House)	0.11	118.5	115	130	Yes	No	5	No	Yes	No	No		
			7737	171C Mackays Road	Sensitive Site (House)	0.21	123.8	115	130	Yes	No	5	No	Yes	No	No		
			7489	171B Mackays Road	Non-residential receiver	0.19	122.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			7544	191 Mackays Road	Sensitive Site (House)	0.69	118	115	130	Yes	No	5	No	Yes	No	No		
Gatleys South Portal - SB	31/07/2024	17:01	7704	135 Mackays Road	Sensitive Site (House)	0.09	108.7	115	130	No	No	5	No	Yes	No	No		
			7737	171C Mackays Road	Sensitive Site (House)	0.13	113.7	115	130	No	No	5	No	Yes	No	No		
			7489	171B Mackays Road	Non-residential receiver	0.08	107.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
			7544	191 Mackays Road	Sensitive Site (House)	0.75	110.5	115	130	No	No	5	No	Yes	No	No		