

# Environment Protection Licence Monitoring Data - Blasting (Civil)



<b>Project Name:</b>	Coffs Harbour Bypass
<b>Monitoring Period:</b>	Feb-26
<b>EPL Number:</b>	21766
<b>Licensee:</b>	Gamuda Berhad and Ferrovia Agroman (Australia) Pty. Ltd.
<b>Premise Address:</b>	Coffs Harbour NSW 2450
<b>Public Register:</b>	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21766&amp;id=21766&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21766&amp;id=21766&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>
<b>Relevant EPL Condition/s:</b>	L5.1-L5.4

Blast Location	Blast Ref	Date	Time	Monitoring Location	Vibration Limit (mm/s)	Ground Vibration Result (mm/s)	Airblast Overpressure Limit (dBL)	Airblast Overpressure Result (dBL)	Comments
Cut 16	Blast 33	2/20/2026	15:00	53 Bruxner Park Road	5.000	3.942	125.00	100.4	
				19-19A Bruxner Park Rd (RFS Building)	10.000	8.889	125.00	111.5	
				15 Bruxner Park Road	5.000	4.953	125.00	109.9	
				108 West Korora Rd	10.000	5.701	125.00	114.1	
Cut 16	Blast 34	2/27/2026	15:00	53 Bruxner Park Road	5.000	2.762	125.00	112.9	
				19-19A Bruxner Park Rd (RFS Building)	10.000	6.756	125.00	121.9	
				15 Bruxner Park Road	5.000	4	125.00	112.6	
				108 West Korora Rd	10.000	2.352	125.00	112.3	

## Environment Protection Licence Monitoring Data - Noise



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<b>Relevant EPL Conditions:</b>	M4.1 - M4.4

Monitoring Location	NCA	Purpose	Relevant EPL Clause	Works Monitored	Date	Time	Attended or Unattended	Parameter	Goal / Target (dBA)	Measured (dBA)	Estimated Construction Contribution (dBA)	Comment
BR021	26 & 27	Spot check	NA	BR21 Hydrodemo	18/02/2026	8:47	Attended	L <sub>Aeq</sub>	NA	77		Spot check completed at 10m away. Average dBA for traffic between 77 - 80dBA. Hammer on excavator with traffic between 79-82 dbA. Hydrodemo and traffic between 90-94dbA (contribution averaged at 92). Note the monitor did not stop at 15 minutes and the L <sub>Aeq</sub> , Max, L90 and L10 are not correct. Contribution based on attended monitoring.

## Environment Protection Licence Monitoring Data - Air



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<b>Relevant EPL Condition/s:</b>	M2.2

Monitoring Point	Start Date	End Date	Date Data Obtained	Solid Particles (g/m <sup>3</sup> /month)	Monitoring Frequency	Rolling Average Criteria	Annual Rolling Average	Comment
DDG1	13/01/2026	10/02/2026	28/01/2026	0.49	Monthly	3.06	0.6	
DDG2	13/01/2026	10/02/2026	28/01/2026	4.1	Monthly	3.59	2.4	
DDG4	13/01/2026	10/02/2026	28/01/2026	1.1	Monthly	3.25	0.6	
DDG5	13/01/2026	10/02/2026	28/01/2026	0.64	Monthly	2.91	0.3	
DDG6	13/01/2026	10/02/2026	28/01/2026	0.64	Monthly	2.84	0.3	
DDG7	13/01/2026	10/02/2026	28/01/2026	2.8	Monthly	2.68	1.7	
DDG8	13/01/2026	10/02/2026	28/01/2026	0.31	Monthly	2.87	0.7	
DDG9	13/01/2026	10/02/2026	28/01/2026	2.6	Monthly	2.19	1.6	
DDG10	13/01/2026	10/02/2026	28/01/2026	1.5	Monthly	2.28	1	
DDG10.5	13/01/2026	10/02/2026	28/01/2026	1.5	Monthly	2.28	0.9	
DDG11	13/01/2026	10/02/2026	28/01/2026	2.3	Monthly	2.22	2.4	DDG relocated from position adjacent to haul road to new position adjacent receiver approximately 50m South west.
DDG11.5	13/01/2026	10/02/2026	28/01/2026	1.1	Monthly	2.22	0.9	
DDG12	13/01/2026	10/02/2026	28/01/2026	1.4	Monthly	2.43	1.6	
DDG13	13/01/2026	10/02/2026	28/01/2026	0	Monthly	2.26	0.9	Broken in transit
DDG14	13/01/2026	10/02/2026	28/01/2026	1.8	Monthly	2.45	0.4	
DDG15	13/01/2026	10/02/2026	28/01/2026	0.92	Monthly	2.83	0.4	

## Environment Protection Licence Monitoring Data - Water



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<b>Relevant EPL Condition/s:</b>	L2.4, M2.3, M2.4

### Sediment Basins (Type D):

Discharge Point	Monitoring Point	Date	Turbidity (NTU)	TSS (mg/L)		pH		Oil & Grease		Aluminium (mg/L)	Iron (mg/L)	Conductivity (µS/cm)	Comment
			Results	Results	Results	Results	Results	Results					
B15900R	1	04/02/2026	27		NA		8.3		Nil				
B08950R	1	04/02/2026	55		NA		8.4		Nil				
B11450R	1	04/02/2026	27		NA		7.8		Nil				
B18250R	1	04/02/2026	44		NA		8.3		Nil				
B18650R	1	04/02/2026	35		NA		7.3		Nil				
B10700R	1	07/02/2026	30		NA		7.6		Nil				
B11000R	1	09/02/2026	25		NA		7.1		Nil				
B16650L	1	09/02/2026	27		NA		8.5		Nil				
B18650R	1	09/02/2026	12		NA		8.5		Nil				
B18650R	1	10/02/2026	10		NA		7.6		Nil				
B11000R	1	10/02/2026	34		NA		6.8		Nil				
B12600L	1	10/02/2026	24		NA		7.8		Nil				
B20300R	1	16/02/2026	21		NA		7.8		Nil				
B19900L	1	17/02/2026	46		NA		7.7		Nil				
B08950R	1	18/02/2026	40		NA		8.1		Nil				
B11450R	1	19/02/2026	50		NA		8		Nil				
B11000R	1	19/02/2026	28		NA		7.5		Nil				
B12600L	1	19/02/2026	32		NA		8.3		Nil				
B10800W	1	20/02/2026	55		NA		7.4		Nil				
B18250R	1	23/02/2026	26		NA		7.1		Nil				
B18650R	1	23/02/2026	19		NA		7.7		Nil				
B18650R	1	24/02/2026	22		NA		7.3		Nil				
B19900L	1	24/02/2026	42		NA		7.8		Nil				
B18650R	1	26/02/2026	18		NA		8.2		Nil				

### High Efficiency Sediment Basins (Type B):

Discharge point	Monitoring Point	Date	Total Suspended Solids (mg/L)	pH	Oil & Grease	Monitoring Frequency	Comment
No Discharge							

### Water Treatment Plants:

Discharge point	Monitoring Point	Date	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)
No Discharges																