

Environment Protection Licence Monitoring Data - Water



<b>Project Name:</b>	Coffs Harbour Bypass
<b>Monitoring Period:</b>	Sep-25
<b>EPL Number:</b>	21766
<b>Licensee:</b>	Garnuda Berhad and Ferroval Agroman (Australia) Pty. Ltd.
<b>Premise Address:</b>	Coffs Harbour NSW 2450
<b>Public Register:</b>	<a href="https://epns.epa.nsw.gov.au/prpoeapp/Detail.aspx?instid=21766&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=mo&amp;status=issued">https://epns.epa.nsw.gov.au/prpoeapp/Detail.aspx?instid=21766&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=mo&amp;status=issued</a>
<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	License Limit	Results	License Limit	Results	License Limit	Results				
B16600R	1	1/09/2025	21		NA		8.1		nil	NA	NA	NA	
B12250R	1	1/09/2025	48		NA		7.3		nil	NA	NA	NA	
B9850R	1	1/09/2025	16		NA		7.9		nil	NA	NA	NA	
B10600R	1	1/09/2025	28		NA		7		nil	NA	NA	NA	
B11450R	1	2/09/2025	35		NA		6.7		nil	NA	NA	NA	
B11000R	1	3/09/2025	50		NA		6.8		nil	NA	NA	NA	
B15900R	1	4/09/2025	35		NA		8.1		nil	NA	NA	NA	
B16650L	1	5/09/2025	24		NA		8.2		nil	NA	NA	NA	
B10600R	1	8/09/2025	50		NA		8.2		nil	NA	NA	NA	
B20700L (SB1)	1	8/09/2025	21		NA		7.2		nil	NA	NA	NA	
B20300R	1	9/09/2025	11		NA		6.8		nil	NA	NA	NA	
BMC1000 (Pac Bay)	1	10/09/2025	43		NA		7.46		nil	NA	NA	NA	
B15900R	1	12/09/2025	27		NA		8.1		nil	NA	NA	NA	
B14100L	1	12/09/2025	24		NA		7.7		nil	NA	NA	NA	
B11000R	1	15/09/2025	49		NA		6.6		nil	NA	NA	NA	
B14500R	1	16/09/2025	30		NA		8.4		nil	NA	NA	NA	
B11000R	1	16/09/2025	40		NA		7		nil	NA	NA	NA	
B12250R	1	16/09/2025	31		NA		6.8		nil	NA	NA	NA	
B12100R	1	16/09/2025	40		NA		7		nil	NA	NA	NA	
B16600R	1	17/09/2025	50		NA		7.5		nil	NA	NA	NA	
B15900R	1	17/09/2025	27		NA		7.8		nil	NA	NA	NA	
B12100R	1	17/09/2025	35		NA		7		nil	NA	NA	NA	
B11700R	1	18/09/2025	23		NA		7.4		nil	NA	NA	NA	
B11450R	1	18/09/2025	19		NA		7.5		nil	NA	NA	NA	
B11450R	1	19/09/2025	17		NA		7.4		nil	NA	NA	NA	
B14200R	1	22/09/2025	35		NA		8.3		nil	NA	NA	NA	
B11450R	1	22/09/2025	12		NA		6.8		nil	NA	NA	NA	
B11700R	1	24/09/2025	28		NA		6.8		nil	NA	NA	NA	
B116600R	1	25/09/2025	25		NA		8.3		nil	NA	NA	NA	
B11450R	1	25/09/2025	12		NA		6.7		nil	NA	NA	NA	
B15900R	1	29/09/2025	40		NA		8.4		nil	NA	NA	NA	
B11000R	1	29/09/2025	18		NA		6.7		nil	NA	NA	NA	

High Efficiency Sediment Basins (Type B):

Discharge point	Monitoring Point	Date	Total Suspended Solids (mg/L)	pH	Oil & Grease	Monitoring Frequency	Comment
HEB 15000R In	4	9/06/2025	515	7.40	nil	Special Frequency 2	
HEB 15000R out	4	9/06/2025	18	7.20	nil	Special Frequency 2	
HEB 17700R In	4	9/06/2025	8	7.20	nil	Special Frequency 2	
HEB 17700R out	4	9/06/2025	84	7.80	nil	Special Frequency 2	
HEB18100R In	4	9/06/2025	16	7.10	nil	Special Frequency 2	
HEB18100R out	4	9/06/2025	3.8	9.20	nil	Special Frequency 2	

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																

## Environment Protection Licence Monitoring Data - Air

<b>Project Name:</b>	Coffs Harbour Bypass
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<b>Premise Address:</b>	Coffs Harbour NSW 2450
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<b>Relevant EPL Conditions:</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	16/08/2025	16/09/2025	30/09/2025	0.48	Monthly	3.06	1	
DDG2	16/08/2025	16/09/2025	30/09/2025	0	Monthly	3.59	2.9	Collection jar broken
DDG3	16/08/2025	16/09/2025	30/09/2025	0.57	Monthly	2.68	1.2	
DDG4	16/08/2025	16/09/2025	30/09/2025	0.99	Monthly	3.25	1	
DDG5	16/08/2025	16/09/2025	30/09/2025	0.46	Monthly	2.91	0.6	
DDG6	16/08/2025	16/09/2025	30/09/2025	0.54	Monthly	2.84	0.6	
DDG7	16/08/2025	16/09/2025	30/09/2025	0.4	Monthly	2.68	1.5	
DDG8	16/08/2025	16/09/2025	30/09/2025	1.4	Monthly	0.6	0.7	
DDG9	16/08/2025	16/09/2025	30/09/2025	0.6	Monthly	1.6	1.7	
DDG10	16/08/2025	16/09/2025	30/09/2025	0.88	Monthly	1.8	1.8	
DDG10.5	16/08/2025	16/09/2025	30/09/2025	0.82	Monthly	0.7	0.7	
DDG11	16/08/2025	16/09/2025	30/09/2025	1	Monthly	1.5	1.4	
DDG11.5	16/08/2025	16/09/2025	30/09/2025	0.83	Monthly	1.4	1.3	
DDG12	16/08/2025	16/09/2025	30/09/2025	0.83	Monthly	2	1.9	
DDG13	16/08/2025	16/09/2025	30/09/2025	0.86	Monthly	1.4	1.3	
DDG14	16/08/2025	16/09/2025	30/09/2025	0.82	Monthly	1.6	1.5	
DDG15	16/08/2025	16/09/2025	30/09/2025	0.6	Monthly	1.1	1.1	
DDG16	16/08/2025	16/09/2025	30/09/2025	0.6	Monthly	3.59	2.3	

## Environment Protection Licence Monitoring Data - Noise



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<b>Relevant EPL Condition/s:</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)	Esimated Construction Contribution (dBA)	Comment
No monitoring undertaken												

## Environment Protection Licence Monitoring Data - Vibration



<b>Project Name:</b>	Coffs Harbour Bypass
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<b>Relevant EPL Condition/s:</b>	M4.1 - M4.4

Monitoring Location	Purpose	Relevant EPL Clause	Works Monitored	Date	Time	Attended or Unattended	Parameter	Vibration Criteria	Maximum Vibration Measured	Comment
10-12 Ferntree pl	Response to Complaint	M7.7	Earthworks and fill compaction	21/07/2025 - Ongoing	4:00 PM - Ongoing	Unattended	Human Comfort (VDV) & Property Damage (PPV)	0.40 m/s <sup>1.75</sup> 7.5 mm/s	ongoing	



# Environment Protection Licence Monitoring Data - Blasting (Civil)



<b>Project Name:</b>	Coffs Harbour Bypass
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<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 15B	Blast 5	8/09/2025	14.15	94 Gatleys Road	5	4.07	125	105.6	
				84 Gatleys Road	5	1.42	125	108.8	
				P.Shoker Driveway	5	1.52	125	107.6	
Cut 16	Blast 30	6/09/2025	14.45	53 Bruxner Park Road	5	2.76	125	112.3	
				15 Bruxner Park Road	5	4.93	125	112.8	
				108 West Korora Rd	5	5.01	125	112.3	
Cut 15A	Blast 4	16/09/2025	14.45	191 Mackays Road	5	1.09	125	103.5	
				171B Mackays Rd	5	0.81	125	108	
				171C Mackays Rd	5	0.78	125	104.9	
				215 Mackays Rd	5	0	125	0	