Environment Protection Licence Monitoring Data - Water

Project Name:	Coffs Harbour Bypass
Monitoring Period:	Jun-26
EPL Number:	21766
Licensee:	Gamuda Berhad and Ferrovial Agroman (Australia) Pty. Ltd.
Premise Address:	Coffs Harbour NSW 2450
Public Register:	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21766&id=21766&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued
Relevant EPL Condition/s:	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	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results				
B11450R	1	1/06/2026	57.8		14		8.0		Nil				
B11700R	1	1/06/2026	27.3		NA		8.2		Nil				
B20700L (SB1)	1	1/06/2026	39.6		NA		8.1		Nil				
B14200R	1	1/06/2026	16.0		NA		7.2		Nil				
B14500R	1	1/06/2026	30.0		NA		8.2		Nil				
BMC1000	1	2/06/2026	33.4		NA		7.5		Nil				
B20840R	1	2/06/2026	41.0		NA		8.0		Nil				
B14200R	1	2/06/2026	15.0		NA		7.9		Nil				
B14200R	1	2/06/2026	56.0		NA		7.7		Nil				
B11450R	1	3/06/2026	55.0		NA		7.8		Nil				
B20840R	1	3/06/2026	38.0		NA		8.2		Nil				
BMC1000	1	3/06/2026	24.0		NA		7.4		Nil				
B20300R	1	3/06/2026	14.0		NA		7.8		Nil				
B14500R	1	3/06/2026	34.0		NA		7.7		Nil				
B14800R	1	3/06/2026	18.0		NA		6.8		Nil				
B15500R	1	3/06/2026	30.0		NA		8.2		Nil				
B16600R	1	3/06/2026	31.0		NA		8.4		Nil				
B20300R	1	4/06/2026	12.0		NA		8.2		Nil				
B16650R	1	4/06/2026	49.0		NA		7.5		Nil				
B10600R	1	5/06/2026	45.0		NA		8.2		Nil				
B18650R	1	6/06/2026	58.0		NA		7.5		Nil				
BMC1000	1	10/06/2026	27.0		NA		7.5		Nil				
B20840R	1	10/06/2026	33.0		NA		7.4		Nil				
B9850R	1	10/06/2026	35.0		NA		7.9		Nil				
B10600R	1	10/06/2026	23.0		NA		7.4		Nil				
B14200R	1	10/06/2026	16.0		NA		7.4		Nil				
B14500R	1	10/06/2026	40.0		NA		8.3		Nil				
B12250R	1	12/06/2026	16.0		NA		8.0		Nil				
B14800R	1	12/06/2026	30.0		NA		8.2		Nil				
B12250R	1	13/06/2026	14.0		NA		8.1		Nil				
B11450R	1	13/06/2026	48.0		NA		8.0		Nil				
B20840R	1	13/06/2026	40.0		NA		7.4		Nil				
B15500R	1	13/06/2026	35.0		NA		8.3		Nil				
B16600R	1	13/06/2026	25.0		NA		7.4		Nil				
B16650R	1	13/06/2026	20.0		NA		7.3		Nil				
BMC1000	1	15/06/2026	27.0		NA		7.5		Nil				
B20300R	1	15/06/2026	22.0		NA		7.4		Nil				
BMC1000	1	18/06/2026	39.0		NA		7.1		Nil				
B14200R	1	18/06/2026	19.0		NA		7.3		Nil				
B16650R	1	18/06/2026	20.0		NA		6.7		Nil				
BMC1000	1	19/06/2026	38.0		NA		7.6		Nil				
B20840R	1	19/06/2026	45.0		NA		7.2		Nil				
B14500R	1	19/06/2026	32.0		NA		7.4		Nil				
B14800R	1	19/06/2026	25.0		NA		7.0		Nil				
B20840R	1	23/06/2026	42.0		NA		7.8		Nil				
B15500R	1	23/06/2026	21.0		NA		6.8		Nil				
B20840R	1	25/06/2026	29.0		NA		7.6		Nil				
B18650R	1	25/06/2026	19.0		NA		7.8		Nil				
B16600R	1	25/06/2026	26.0		NA		6.9		Nil				
BMC1000	1	26/06/2026	36.0		NA		7.7		Nil				
B9850R	1	29/06/2026	48.0		NA		8.3		Nil				
B20840R	1	30/06/2026	52.0		NA		8.0		Nil				

High Efficiency Sediment Basins (Type B):

Discharge point	Monitoring Point	Date	Total Suspended Solids (mg/L)	pH	Oil & Grease	Monitoring Frequency	Comment
None undertaken							

Environment Protection Licence Monitoring Data - Air

Project Name:	Coffs Harbour Bypass
Monitoring Period:	Jun-26
EPL Number:	21766
Licensee:	Gamuda Berhad and Ferrovial Agroman (Australia) Pty. Ltd.
Premise Address:	Coffs Harbour NSW 2450
Public Register:	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21766&id=21766&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued
Relevant EPL Condition/s:	M2.2

Monitoring Point	Start Date	End Date	Date Data Obtained	Solid Particles (g/m^2/month)	Monitoring Frequency	Rolling Average Criteria	Annual Rolling Average	Comment
DDG1	14/05/2026	12/06/2026	26/06/2026	0.14	Monthly	3.06	0.7	
DDG2	14/05/2026	12/06/2026	26/06/2026	1.7	Monthly	3.59	2.8	
DDG4	14/05/2026	12/06/2026	26/06/2026	0.26	Monthly	3.25	0.7	
DDG5	14/05/2026	12/06/2026	26/06/2026	0.11	Monthly	2.91	0.3	
DDG6	14/05/2026	12/06/2026	26/06/2026	1.8	Monthly	2.84	0.7	
DDG7	14/05/2026	12/06/2026	26/06/2026	0.75	Monthly	2.68	2.1	
DDG8	14/05/2026	12/06/2026	26/06/2026	0.47	Monthly	2.87	0.7	
DDG9	14/05/2026	12/06/2026	26/06/2026	0.4	Monthly	2.19	1.0	
DDG10	14/05/2026	12/06/2026	26/06/2026	1.2	Monthly	2.28	1.3	
DDG10.5	14/05/2026	12/06/2026	26/06/2026	0.88	Monthly	2.28	1.3	
DDG11	14/05/2026	12/06/2026	26/06/2026	0.44	Monthly	2.22	2.2	
DDG11.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	DDG deleted from monitoring program
DDG12	14/05/2026	12/06/2026	26/06/2026	0.43	Monthly	2.43	0.6	
DDG13	14/05/2026	12/06/2026	26/06/2026	0.76	Monthly	2.26	0.7	
DDG14	14/05/2026	12/06/2026	26/06/2026	0.5	Monthly	2.45	0.7	
DDG15	14/05/2026	12/06/2026	26/06/2026	0.45	Monthly	2.83	0.9	

Environment Protection Licence Monitoring Data - Noise

Project Name:	Coffs Harbour Bypass
Monitoring Period:	Jun-26
EPL Number:	21766
Licensee:	Gamuda Berhad and Ferrovial Agroman (Australia) Pty. Ltd.
Premise Address:	Coffs Harbour NSW 2450
Public Register:	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21766&id=21766&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued
Relevant EPL Condtion/s:	M4.1 - M4.4

Monitoring Location	NCA	Purpose	Relevant EPL Clause	Works Monitored	Date	Time	Attended or Unattended	Parameter	Goal / Target (dBA)	Measured (dBA)	Esimtated Construction Contribution (dBA)	Comment
15 Bruxner Park Rd	20B	Verification for hammer in Cut 16 - respite	L6.2	Hammering Cut 16	23/06/2026	2:58 PM	Attended	LAeq	50	49-50	49-50	Hammering in Cut 16 NML compliant during standard hours.

Environment Protection Licence Monitoring Data - Vibration

Project Name:	Coffs Harbour Bypass
Monitoring Period:	Jun-26
EPL Number:	21766
Licensee:	Gamuda Berhad and Ferrovial Agroman (Australia) Pty. Ltd.
Premise Address:	Coffs Harbour NSW 2450
Public Register:	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21766&id=21766&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued
Relevant EPL Condtion/s:	M4.1 - M4.4

Monitoring Location	Purpose	Relevant EPL Clause	Works Monitored	Date	Time	Attended or Unattended	Parameter	Vibration Criteria	Maximum Vibration Measured	Comment
16 Coachmans Close	Verification Monitoring	M7.7	Earthworks/Piling works	15/05/26 - 11/06/26	4:28pm - 04:00pm	Unattended	Human Comfort (VDV) & Property Damage (PPV)	0.40 $m/s^{1.75}$ 7.5 mm/s	0.18 $m/s^{1.75}$ 3.32 mm/s	
15 Russ Hammond Close	Verification Monitoring	M7.7	Earthworks	11/06/26 - Ongoing	8:00am - Ongoing	Unattended	Human Comfort (VDV) & Property Damage (PPV)	0.40 $m/s^{1.75}$ 7.5 mm/s	0.31 $m/s^{1.75}$ 4.18 mm/s	
Russ Hammond, behind noise wall 28	Verification Monitoring	M7.7	Vibratory Rolling	23/06/2026	13:09	Attended	Property Damage (PPV)	7.5 mm/s	2.49 mm/s	
22 Coachmans Close	Verification Monitoring	M7.7	Vibratory Rolling	23/06/2026	14:20	Attended	Property Damage (PPV)	7.5 mm/s	1.98 mm/s	
24 Coachman's Close	Verification Monitoring	M7.7	Earthworks	30/06/26 - Ongoing	11:30am - Ongoing	Unattended	Human Comfort (VDV) & Property Damage (PPV)	0.40 $m/s^{1.75}$ 7.5 mm/s	0.14 $m/s^{1.75}$ 4.81 mm/s	

Environment Protection Licence Monitoring Data - Blasting (Tunnels)

Project Name:	Coffs Harbour Bypass
Monitoring Period:	Jun-26
EPL Number:	21705
Licensee:	Gamuda Berhad and Ferrovial Agroman (Australia) Pty. Ltd.
Premise Address:	Coffs Harbour NSW 2450
Public Register:	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21766&kid=21766&option=licence&searchrange=licence&range=POEO%20licence&prmon&status=issued
Relevant EPL Conditions:	L5.1 L5.4

Tunnel	Portal	Blast Date	Blast Time	7755 Max Airblast (dB) - 172 WKR	7755 Max Airblast (Banana Shed) [dB]	7755 Max Vibration (Banana Shed) [mm/s]	7819 Max Airblast (dBL): 84 Gatelys Road	7489 Airblast (dBL): 171B Mackays Road	7489 Vibration (mm/s): 171B Mackays Road	7737 Airblast (dBL): 171C Mackays Road	7737 Vibration (mm/s): 171C Mackays Road	7704 Airblast (dBL): 135 Mackays Road	7704 Vibration (mm/s): 135 Mackays Road	Comments
GAT	No Blasting													

Tunnel	Portal	Blast Date	Blast Time	7823 Airblast (dbl) - 133G Mackays Road	7823 Vibration (mm/s) 133G Mackays Road	7853 Airblast (dbl) - 133F Mackays Road	7853 Vibration (mm/s) - 133F Mackays Road	7429 Airblast (dbl) - 135F Mackays Road	7429 Vibration (mm/s) - 135F Mackays Road	Comments
Shep	N	No Blasting								

Tunnel	Portal	Blast Date	Blast Time	7725 Airblast (dbl) - 260 Shephards Lane	7725 Vibration (mm/s) - 260 Shephards Lane	7292 Airblast (dbl) - 270 Shephards Lane	7292 Vibration (mm/s) - 270 Shephards Lane	7641 Airblast (dbl) - 266 Shephards Lane	7641 Vibration (mm/s) - 266 Shephards Lane	7726 Airblast (dbl) - Rovere Drive	7726 Vibration (mm/s) - Rovere Drive	Comments
SHEP	S	No Blasting										

Tunnel	Portal	Blast Date	Blast Time	56 Buchanan RD 7608 Airblast (dBL)	56 Buchanan RD 7608 Vibration (mm/s)	52 Buchanan RD 7165 Airblast (dBL)	52 Buchanan RD 7165 Vibration (mm/s)	60 Buchanan RD 7270 Airblast (dBL)	60 Buchanan RD 7270 Vibration (mm/s)	Comments
ROB	S	No Blasting								

Tunnel	Portal	Blast Date	Blast Time	56 Buchanan RD7608 Airblast (dBL)	56 Buchanan RD7608 Vibration (mm/s)	52 Buchanan RD7165 Airblast (dBL)	52 Buchanan RD7165 Vibration (mm/s)	15A Nelson St7704 Airblast (dBL)	15A Nelson St7704 Vibration (mm/s)	353C Coramba Rd7737 Airblast (dBL)	353C Coramba Rd7737 Vibration (mm/s)	Comments
ROB	N	No Blasting										

Environment Protection Licence Monitoring Data - Blasting (Civil)

Project Name:	Coffs Harbour Bypass
Monitoring Period:	Jun-26
EPL Number:	21766
Licensee:	Gamuda Berhad and Ferrovial Agroman (Australia) Pty. Ltd.
Premise Address:	Coffs Harbour NSW 2450
Public Register:	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21766&id=21766&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued
Relevant EPL Condtion/s:	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
No Blasting									