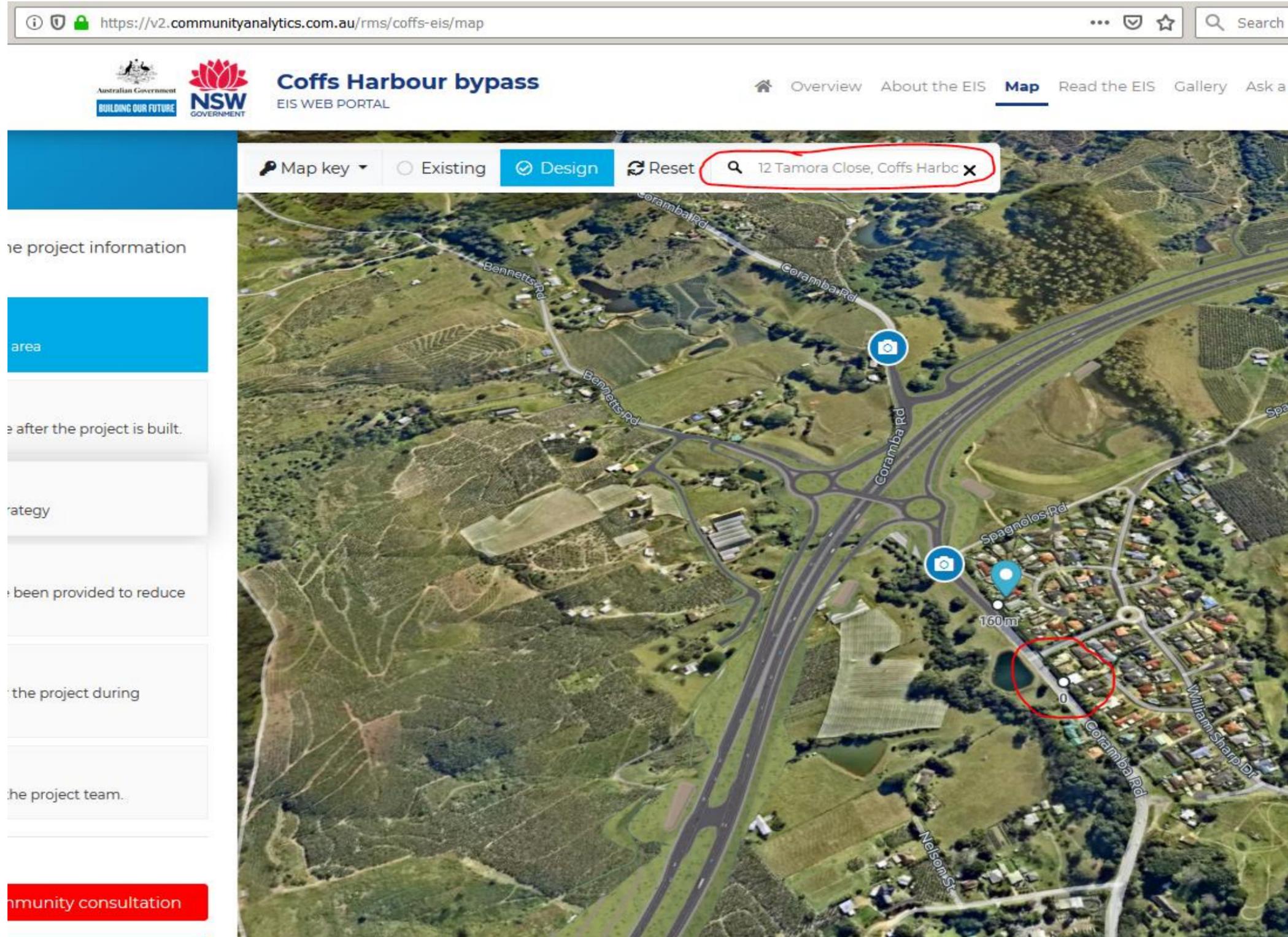


Appendix A: Operational Noise Table Inconsistency

Following is an analysis of 2 properties that we have measured; 12 Tamara Close (the search address in the map below) and 15 Safrano Place (circled in red)
12 Tamara Close was Logger 4 is the EIS; used as a validation logger for NCA13.

The relative positions to their current main source of noise: Coramba Road



Both back onto Coramba Road; with about 20 metres from the façade at the south of the residence to Coramba Road.
 Logger 4 was placed in the yard at the back of the property quite close to the rear fence, closer to Coramba Road than any façade. Leq(A), overnight was 52 dB.

Following are 2 snapshots from the Operational Noise Results Table (G1 in Appendix 4B of the Coffs Bypass EIS)

Note the differences in the cells that have been circled.

One of these two sites is clearly in error. The modelling for 12 Tamara Close, the actual residence logged, fits more closely our research on pre-existing noise levels.

We have trouble believing that the Mitigated Build Night-time final noise level would remain unchanged, given the changed road conditions brought about by the 'new' Bypass.

Receiver details				Unmitigated Scenario				NCG Assessment						Mitigated Scenario												
ID	Address	Façade		Predicted noise level Opening				NCG Project road noise		NCG project road		Do noise levels exceed		Predicted noise		NCG project road criteria exceedance		Do noise levels exceed		Predicted		NCG project road criteria exceedance		Do noise levels exceed		
		Floor level	Direction	No Build		Build		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	NCG after including	Build		Day	Night	Day	Night	Day	Night
				Day	Night	Day	Night												Day	Night						
ID	Address	Fir	Dircta	NB1D	NB1N	B1D	B1N	TD	TN	ED	EN	RED	REN	PR1D	PR1N	PE1D	PE1N	R1RE	PR2D	PR2N	PE2D	PE2N	R1RE	R2RE		
NCA13.RES.0074.01	12 Tamara Close Coffs Harbour New South Wales 2450	GF	N	46	42	52	49	53	53	-	-	No	No	51	48	-	-	No	50	47	-	-	No	No		
NCA13.RES.0074.01	12 Tamara Close Coffs Harbour New South Wales 2450	GF	N	46	42	53	50	58	53	-	-	No	No	52	49	-	-	No	50	48	-	-	No	No		
NCA13.RES.0074.01	12 Tamara Close Coffs Harbour New South Wales 2450	GF	W	46	42	51	48	58	53	-	-	No	No	50	47	-	-	No	49	46	-	-	No	No		
NCA13.RES.0074.01	12 Tamara Close Coffs Harbour New South Wales 2450	GF	S	56	52	61	57	59	53	2	5	No	No	61	57	2	4	Yes	55	52	-	-	No	No		
NCA13.RES.0074.01	12 Tamara Close Coffs Harbour New South Wales 2450	GF	E	49	45	53	50	59	53	-	-	No	No	53	50	-	-	No	51	48	-	-	No	No		
NCA13.RES.0074.01	12 Tamara Close Coffs Harbour New South Wales 2450	GF	NE	48	44	53	50	59	53	-	-	No	No	52	49	-	-	No	51	48	-	-	No	No		
NCA13.RES.0075.01	1 William Street Coffs Harbour New South Wales 2450	GF	E	50	49	57	53	57	50	0	4	No	No	56	53	-	3	Yes	56	53	-	3	Yes	Yes		

Receiver details				Unmitigated Scenario				NCG Assessment						Mitigated Scenario												
ID	Address	Façade		Predicted noise level Opening				NCG Project road noise		NCG project road		Do noise levels exceed		Predicted noise		NCG project road criteria exceedance		Do noise levels exceed		Predicted		NCG project road criteria exceedance		Do noise levels exceed		
		Floor level	Direction	No Build		Build		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	NCG after including	Build		Day	Night	Day	Night	Day	Night
				Day	Night	Day	Night												Day	Night						
ID	Address	Fir	Dircta	NB1D	NB1N	B1D	B1N	TD	TN	ED	EN	RED	REN	PR1D	PR1N	PE1D	PE1N	R1RE	PR2D	PR2N	PE2D	PE2N	R1RE	R2RE		
NCA13.RES.0037.01	15 Tamara Close Coffs Harbour New South Wales 2450	GF	NW	43	39	50	47	55	50	-	-	No	No	49	46	-	-	No	48	46	-	-	No	No		
NCA13.RES.0037.01	15 Tamara Close Coffs Harbour New South Wales 2450	GF	NE	49	45	54	51	57	50	-	2	No	No	53	50	-	-	No	53	50	-	-	No	No		
NCA13.RES.0038.01	15 Safrano Place Coffs Harbour New South Wales 2450	GF	S	64	60	65	61	60	55	5	6	No	No	65	61	5	6	No	65	61	5	6	No	No		
NCA13.RES.0038.01	15 Safrano Place Coffs Harbour New South Wales 2450	GF	E	58	55	59	56	60	55	0	1	No	No	59	56	-	1	No	59	56	-	1	No	No		
NCA13.RES.0038.01	15 Safrano Place Coffs Harbour New South Wales 2450	GF	N	47	43	52	49	60	55	-	-	No	No	51	48	-	-	No	50	47	-	-	No	No		
NCA13.RES.0038.01	15 Safrano Place Coffs Harbour New South Wales 2450	GF	W	59	55	59	56	60	55	0	1	No	No	60	56	-	1	No	60	56	-	1	No	No		
NCA13.RES.0038.01	15 Safrano Place Coffs Harbour New South Wales 2450	GF	S	68	64	68	64	60	55	8	10	No	No	68	65	8	10	No	68	65	8	10	No	No		
NCA13.RES.0038.01	15 Safrano Place Coffs Harbour New South Wales 2450	GF	E	64	60	65	61	60	55	5	6	No	No	65	61	5	6	No	65	61	5	6	No	No		

At this level, a 12 dB difference in baseline noise levels is huge. We cannot understand what can possible cause this difference.

15 Tamara Close figures do not fit with our measurements