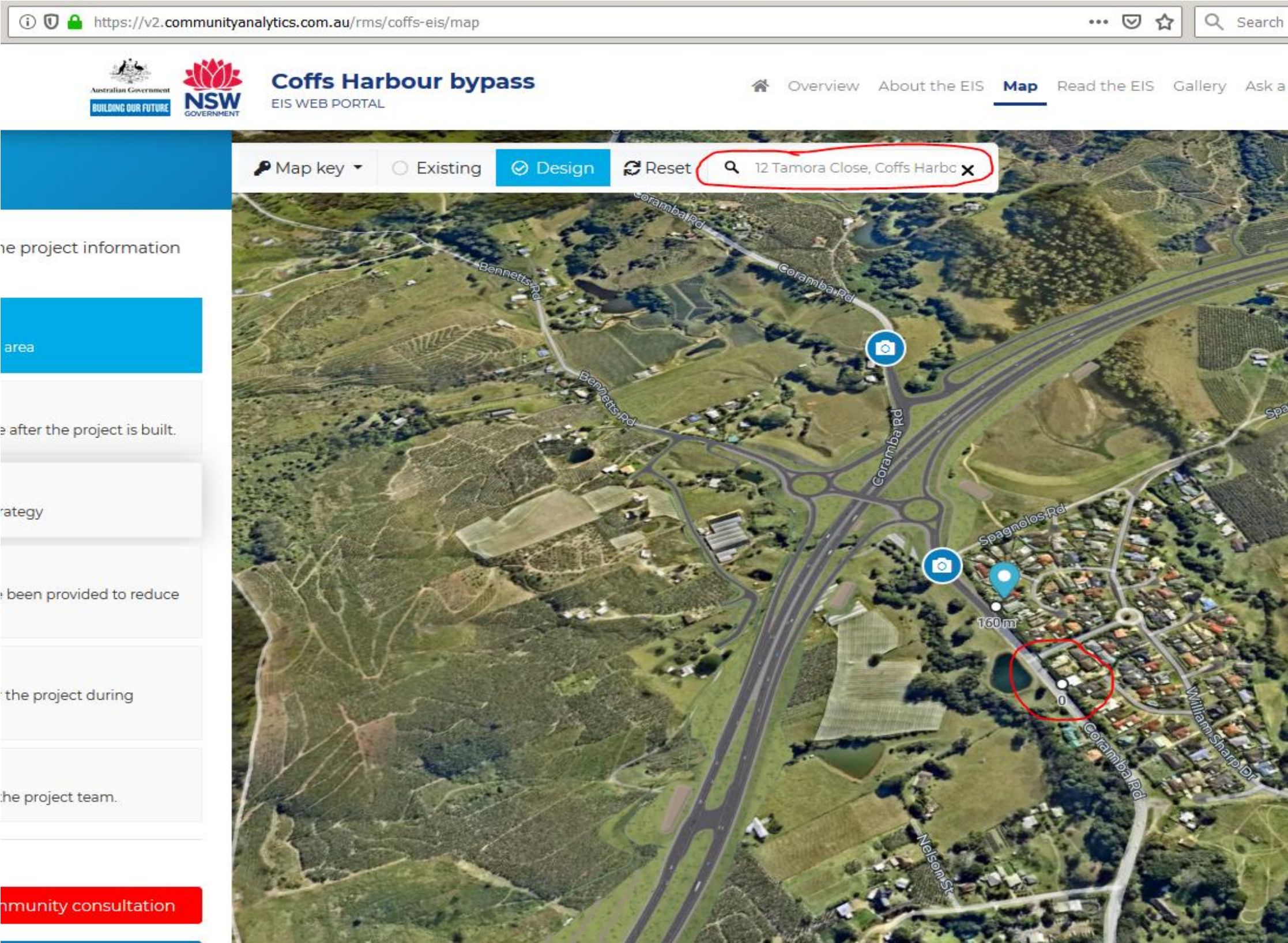


Appendix A: Operational Noise Table Inconsistency

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 | Facade | Direction | 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 | |
| | | | | No Build | | Build | | | | | | | | | | | | | | | | | | | |
| | | | | Floor level | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day | Night | Day |
| ID | Address | Floor level | Direction | NB1D | NB1N | B1D | B1N | TD | TN | ED | EN | RED | REN | PR1D | PR1N | PE1D | PE1N | R1RE | PR2D | PR2N | PE2D | PE2N | R1RE | PR2D | PR2N |
| 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 | 50 | 47 |
| 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 | 50 | 48 |
| 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 | 49 | 46 |
| 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 | 55 | 52 |
| 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 | 51 | 48 |
| 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 | 51 | 48 |
| NCA13.RES.0075.01 | 1 William Street Coffs Harbour New South Wales 2450 | GF | S | 59 | 49 | 67 | 63 | 67 | 60 | 0 | 4 | No | No | 56 | 53 | - | 3 | Yes | 56 | 53 | - | 3 | Yes | 56 | 53 |

| Receiver details | | | | Unmitigated Scenario | | | | NCG Assessment | | | | | | Mitigated Scenario | | | | | | | | | | | |
|-------------------|---|-------------|-----------|-------------------------------|-------|-------|-------|------------------------|-------|------------------|-------|------------------------|-------|--------------------|-------|--------------------------------------|-------|------------------------|-------|-----------|------|--------------------------------------|-----------|------------------------|-------|
| ID | Address | Facade | | 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 | Build | | Day | Night | NCG after including | Build | | Day | Night | NCG after | | |
| | | | | Day | Night | Day | Night | | | | | | | Day | Night | | | | Day | Night | | | | Day | Night |
| ID | Address | Flr | Dircta | NB1D | NB1N | B1D | B1N | TD | TN | ED | EN | RED | REN | PR1D | PR1N | PE1D | PE1N | R1RE | PR2D | PR2N | PE2D | PE2N | R1RE | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |

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

15 Tamara Close figures do not fit with our measurements