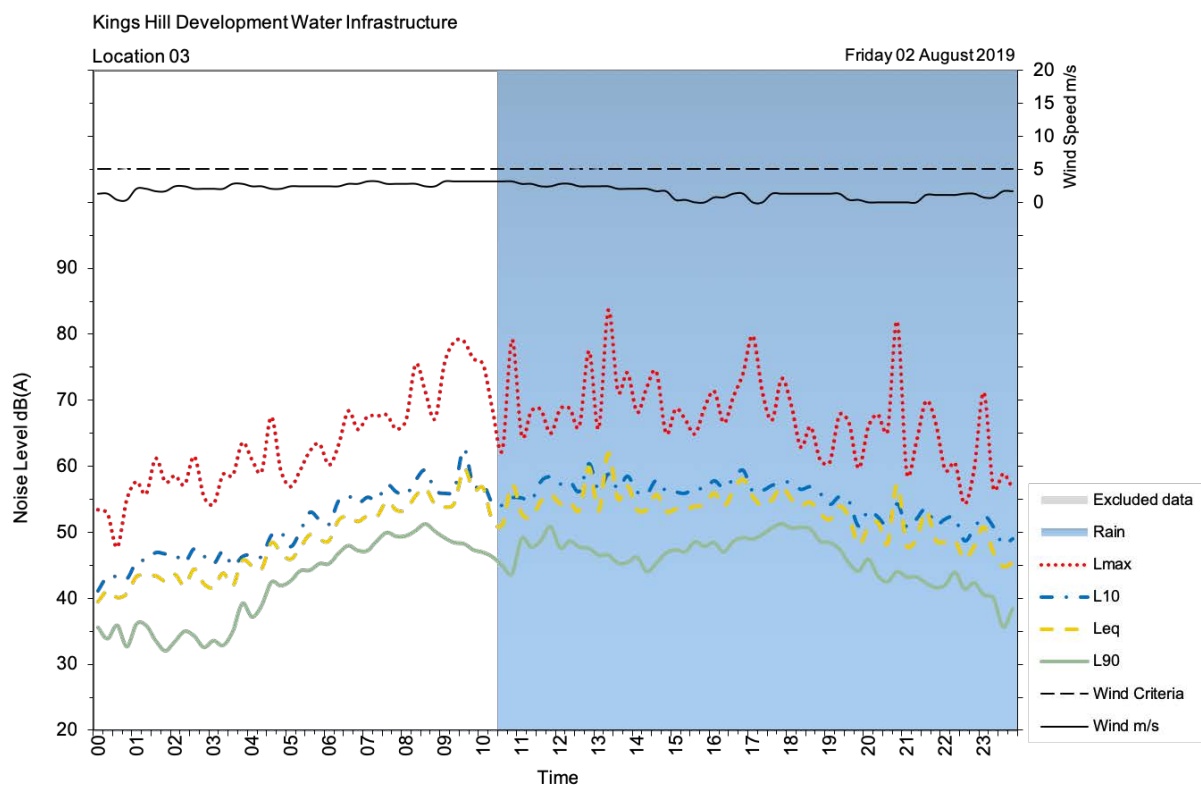
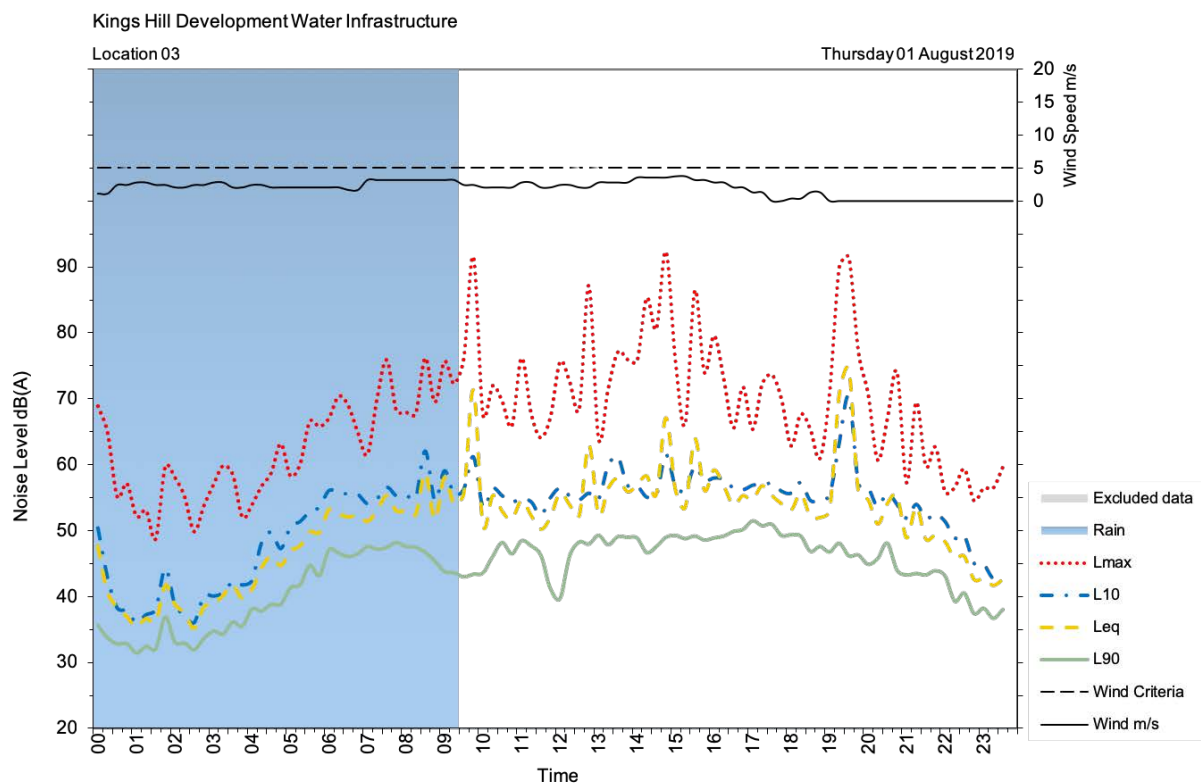
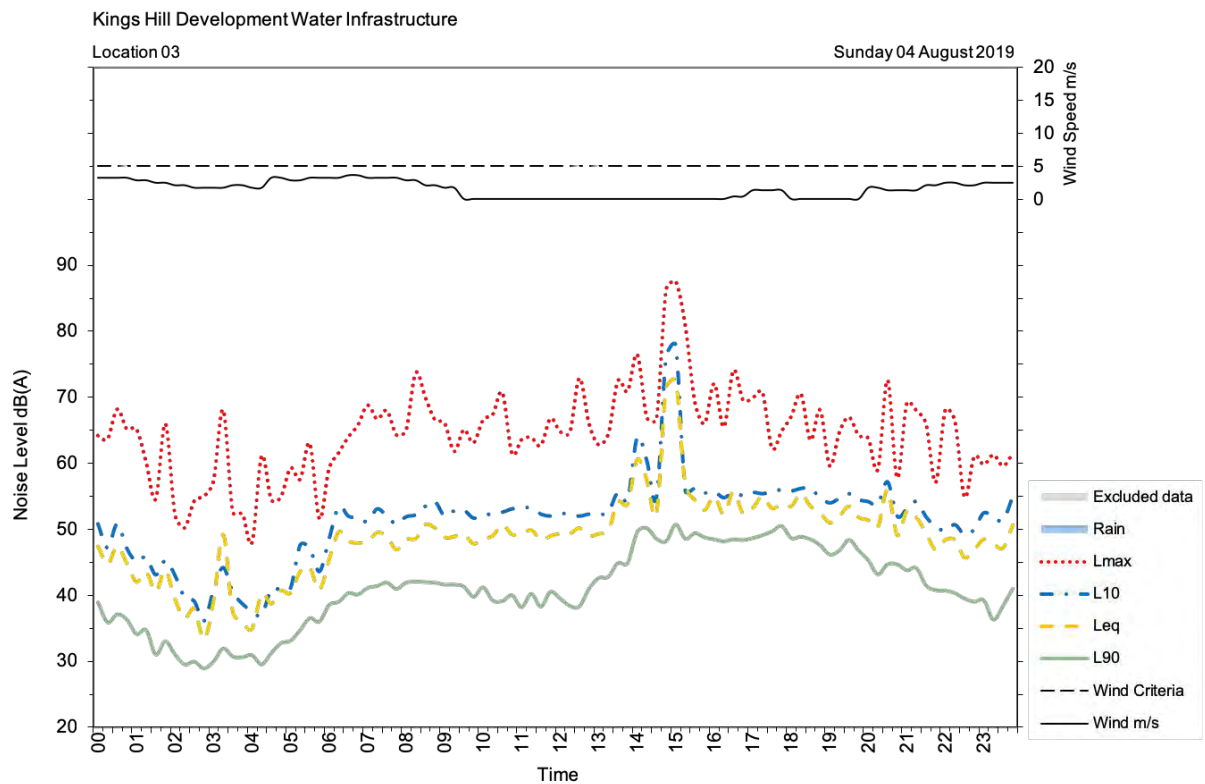
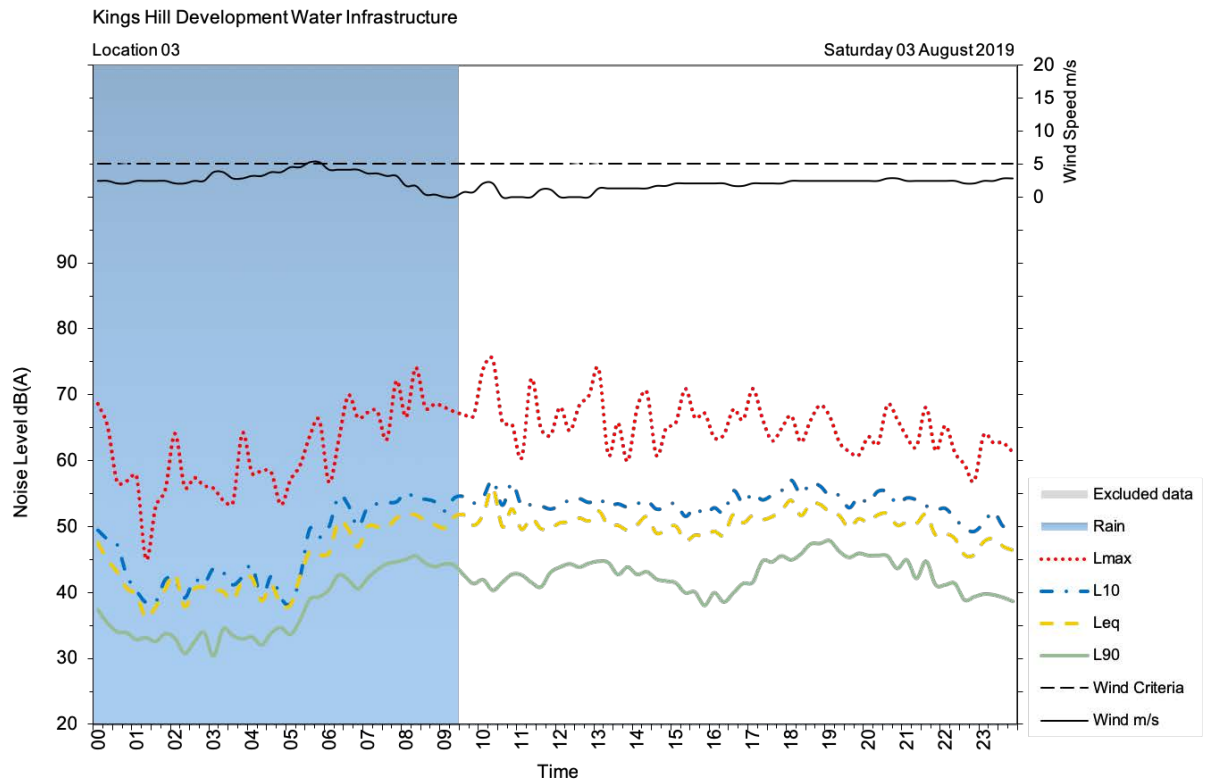
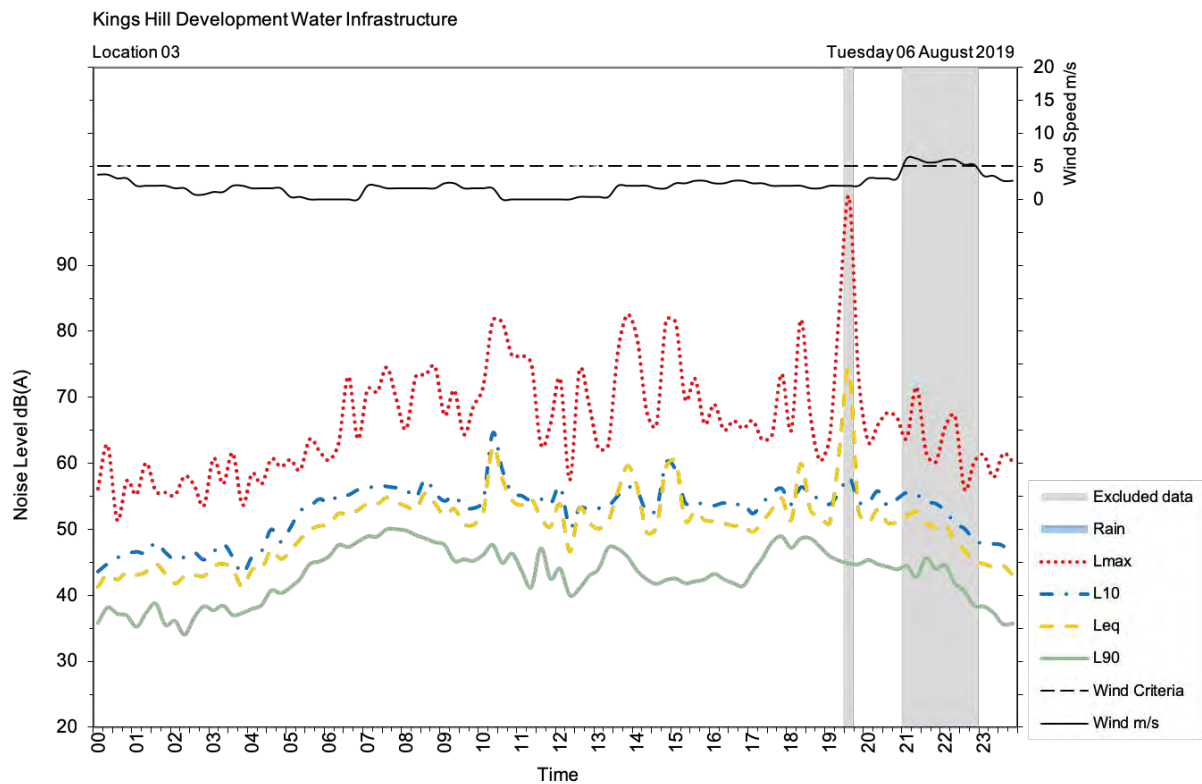
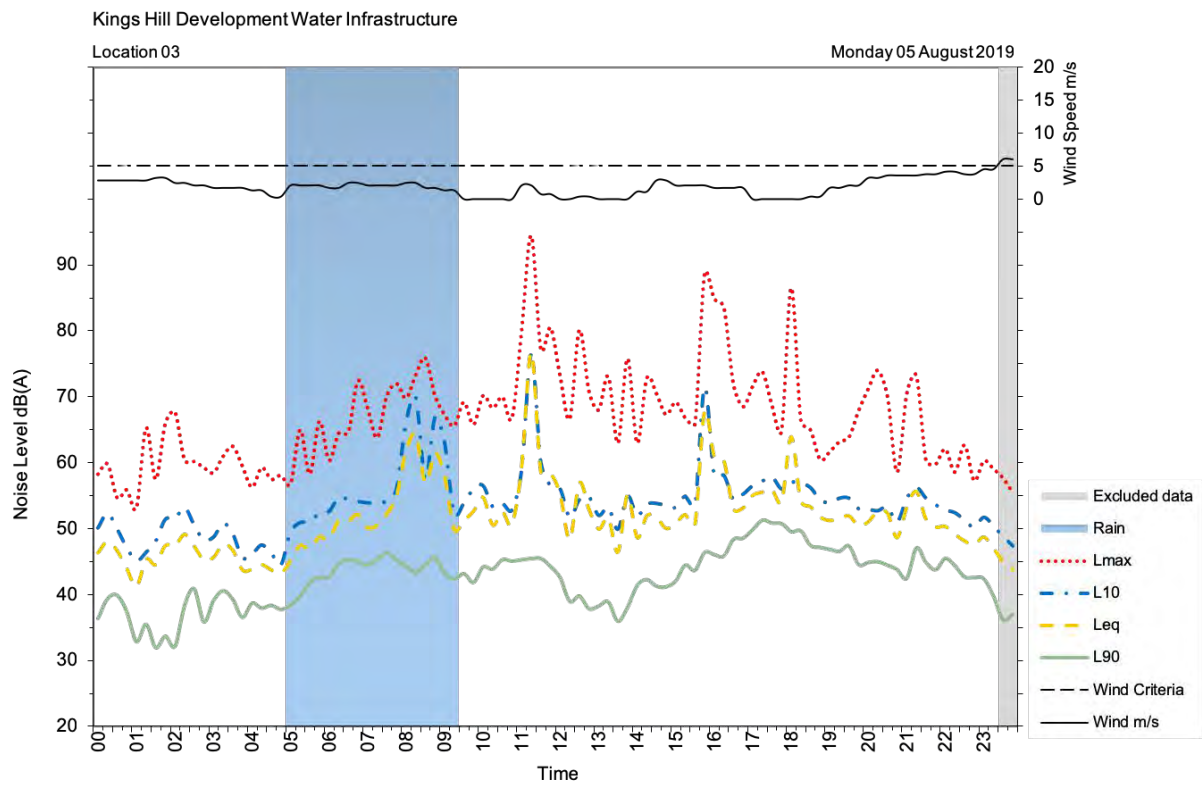


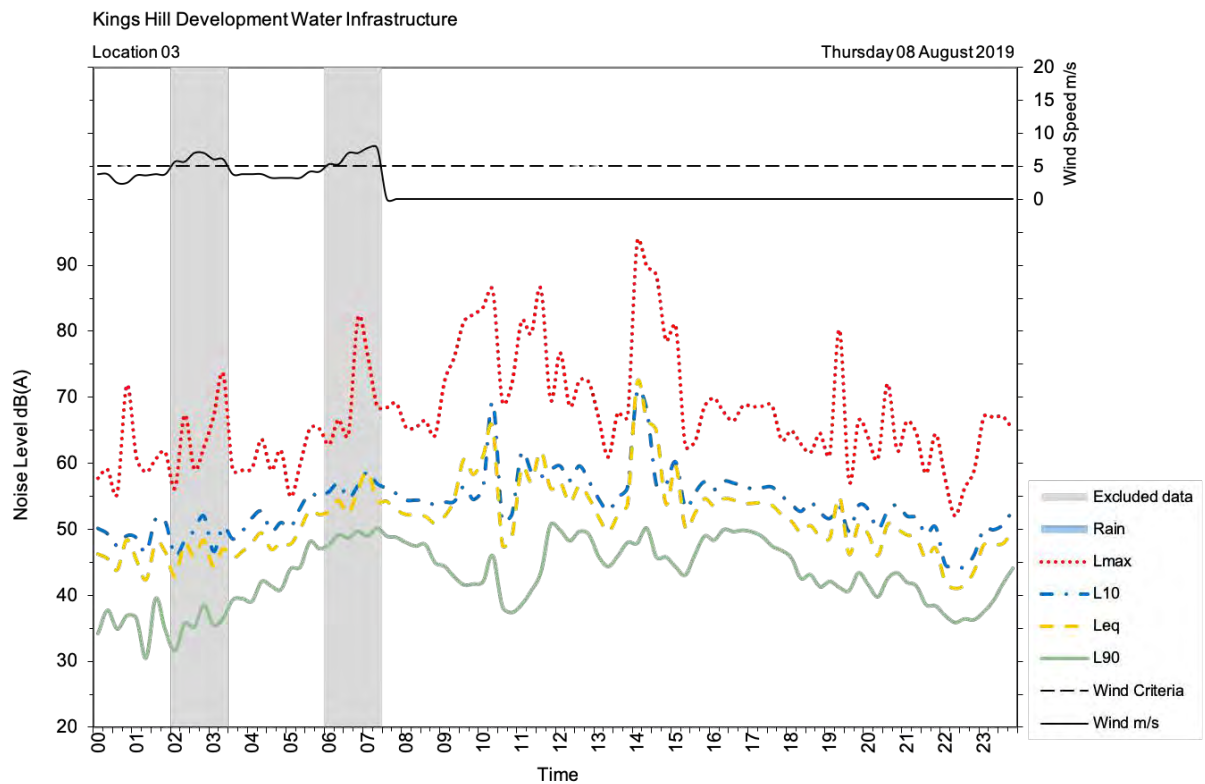
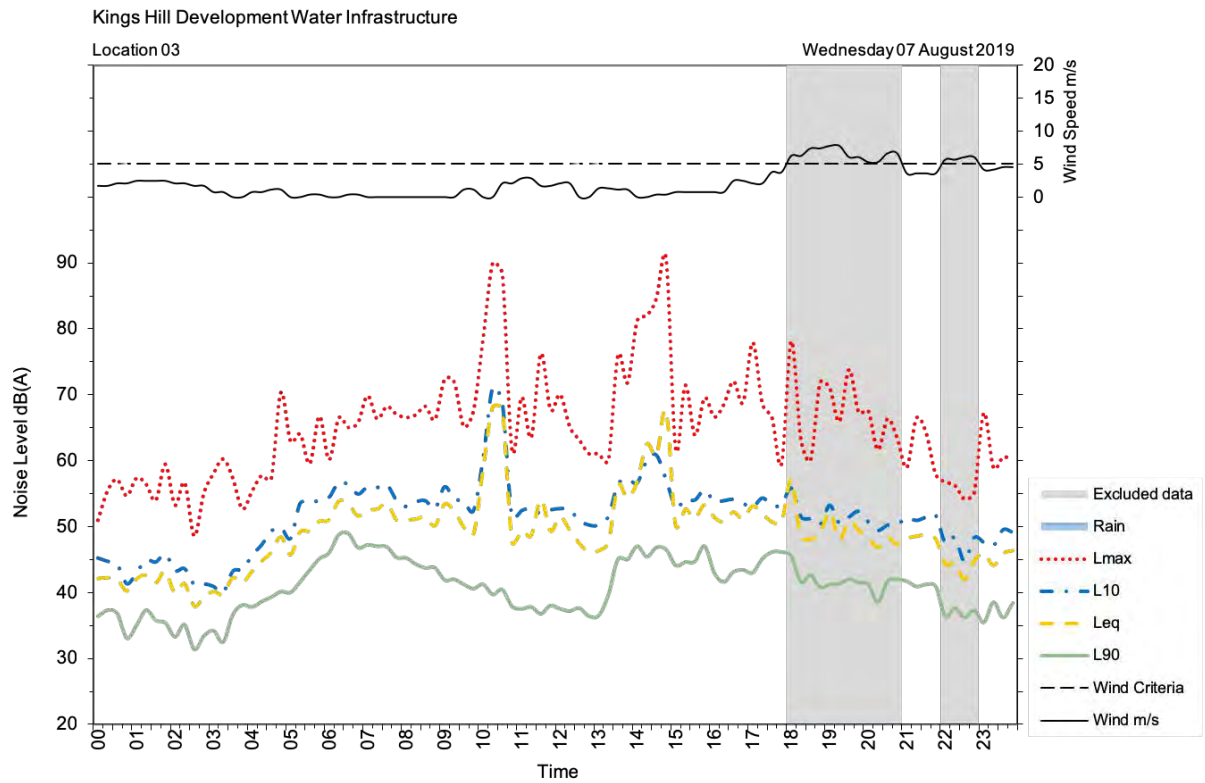
Address	Adjacent to 8 Rees James Road
Measurement location	Location 3
Measurement details	L_{A90} , L_{Aeq} , L_{A10} , L_{Amax} ,
Logging period	Tuesday 30 th July 2019 to Wednesday 14 th August
Attended monitoring notes	The noise levels, measured in the free field, were controlled by distant traffic noise from the Pacific Highway and Adelaide Street. Sparse traffic on Rees James Road. The maximum sound level generated by a car passby on the nearby local road.

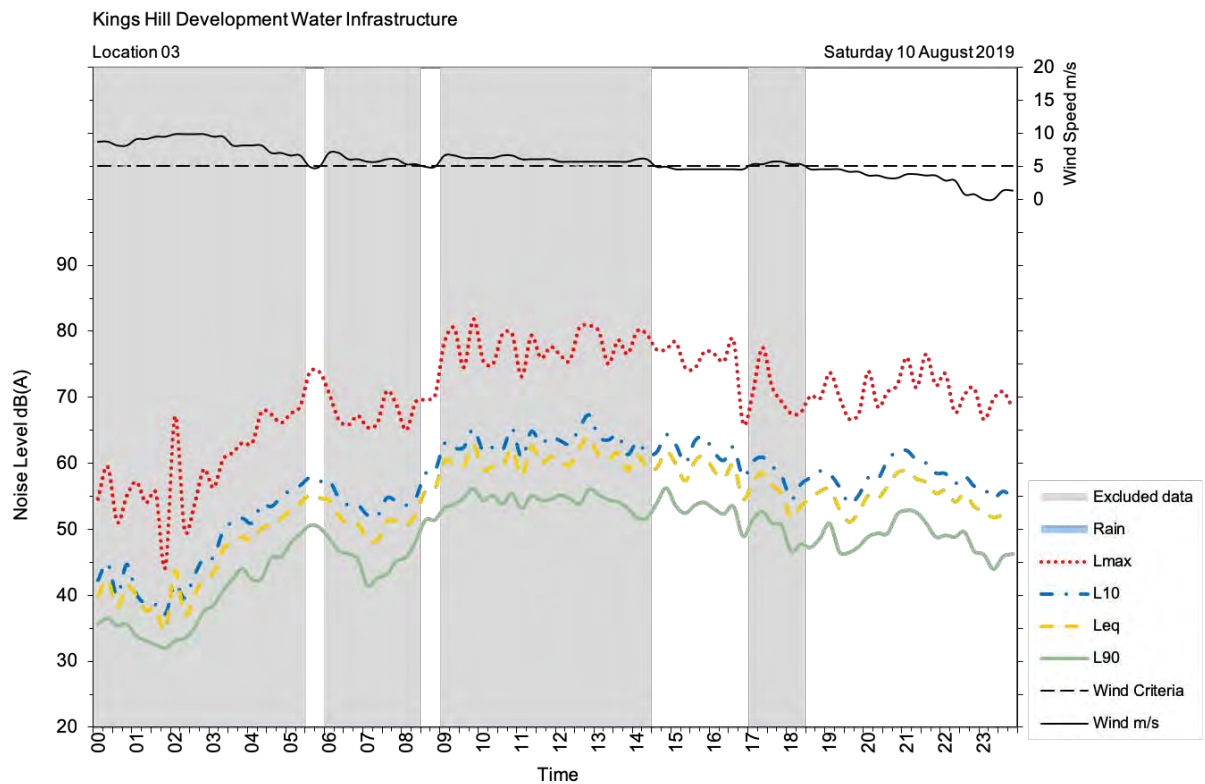
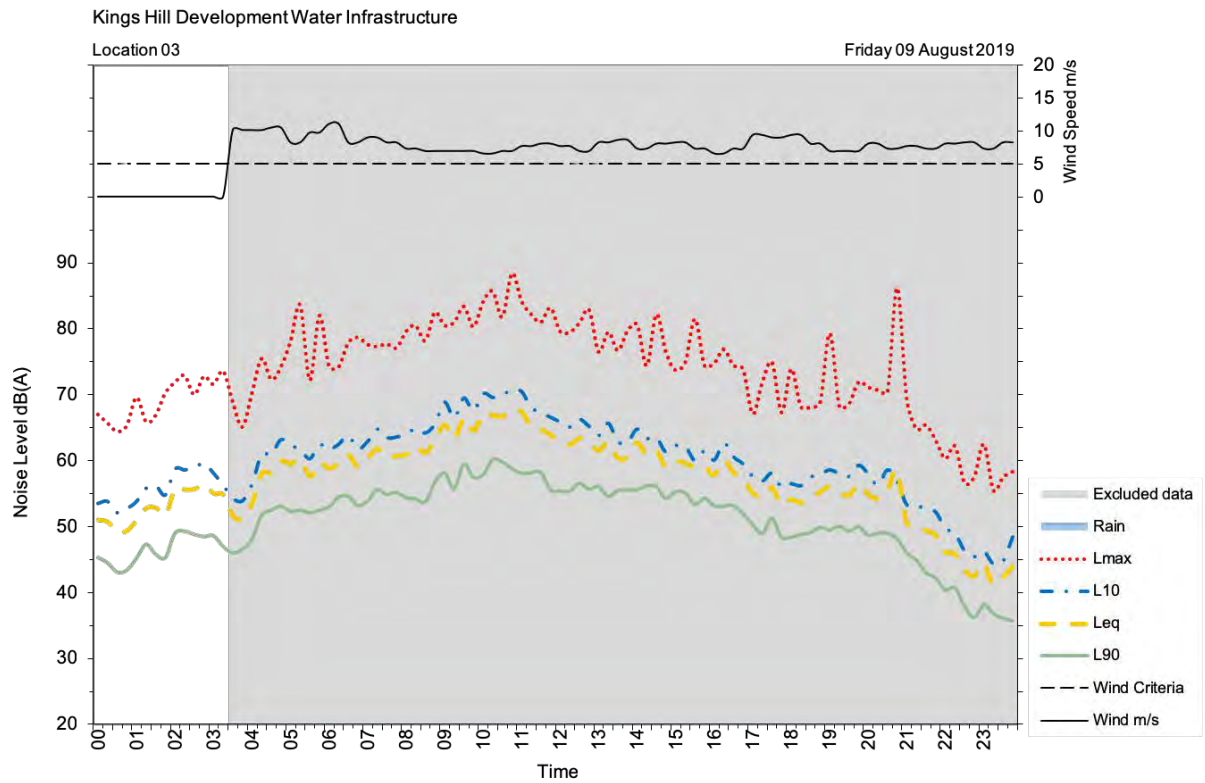


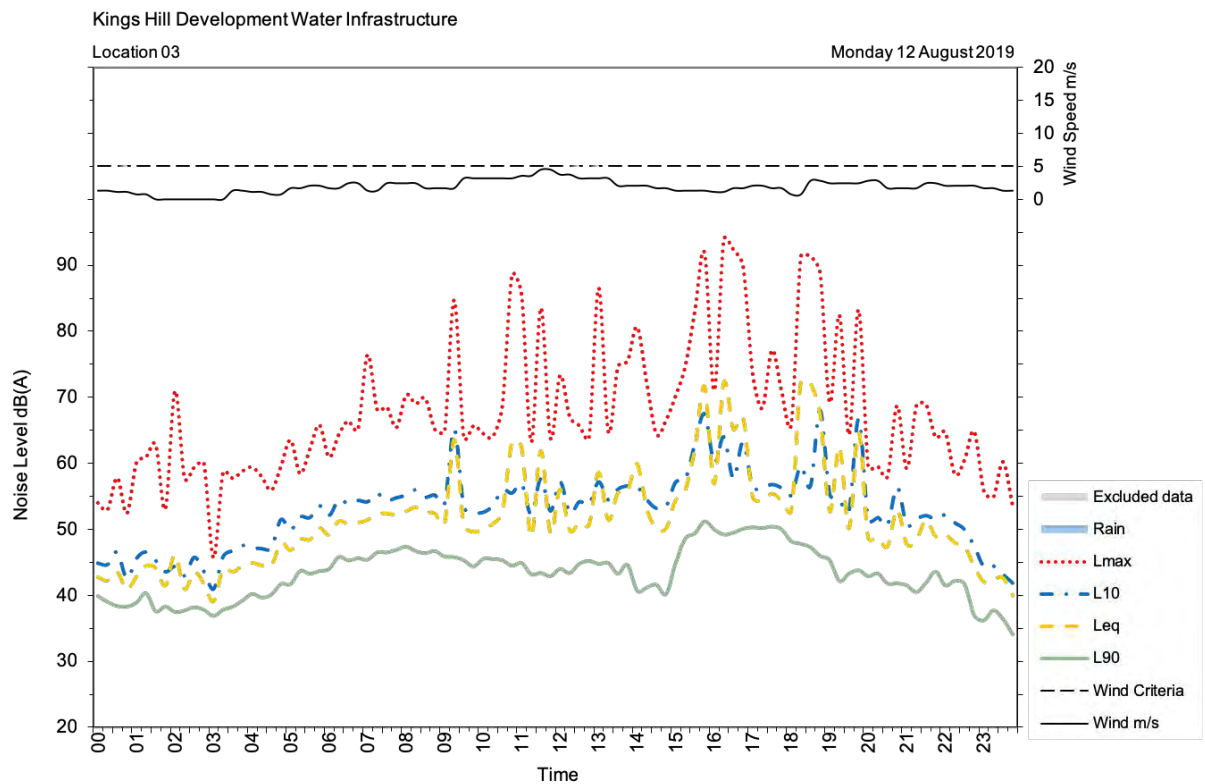
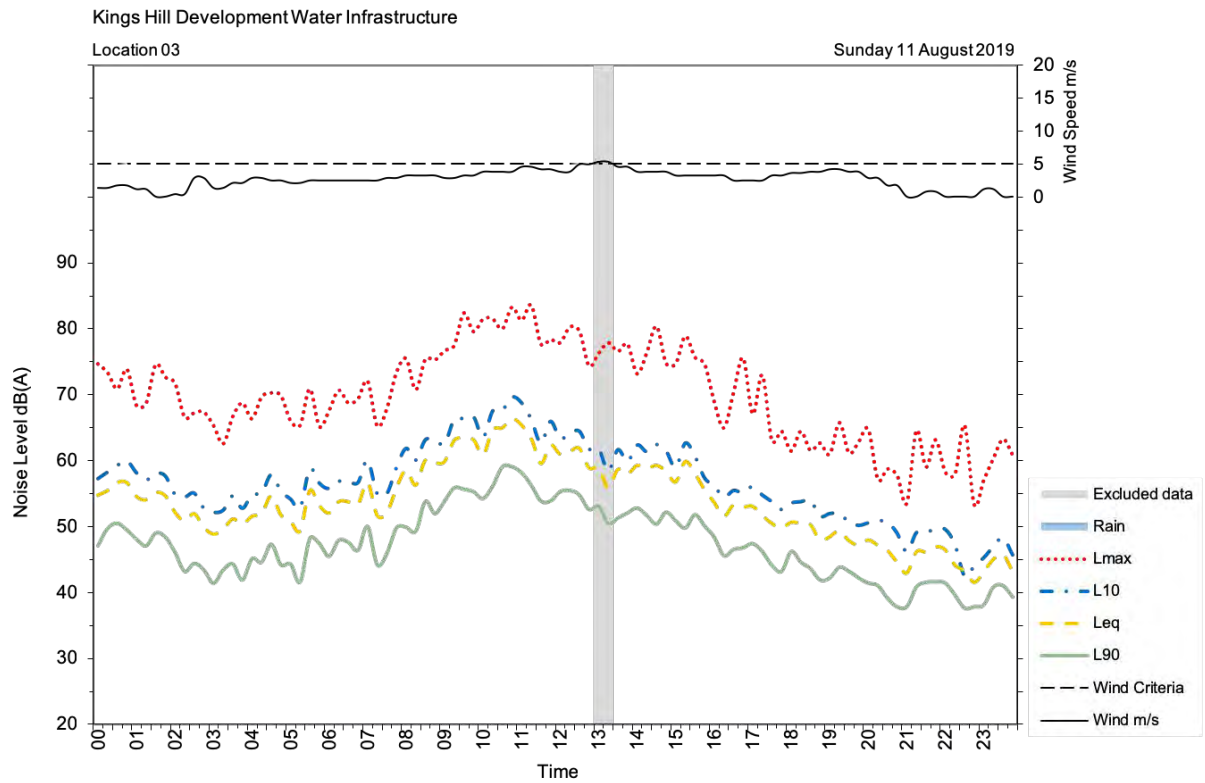


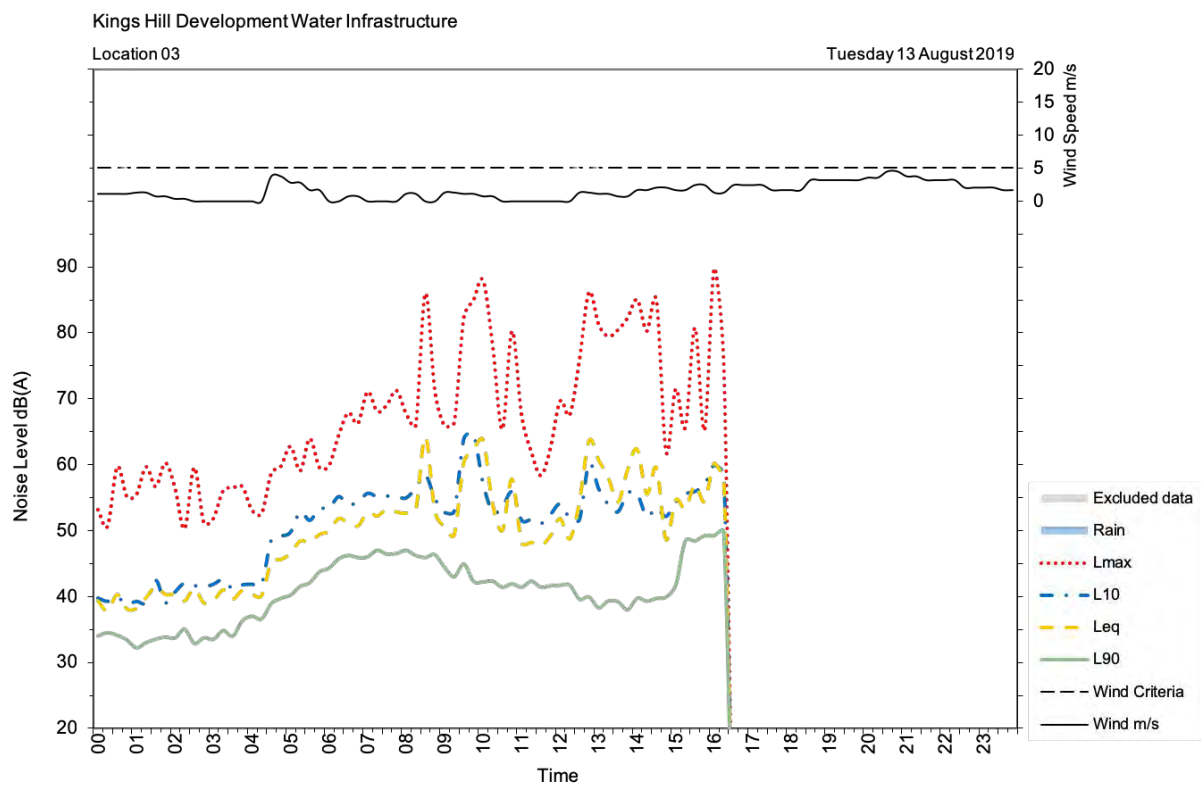






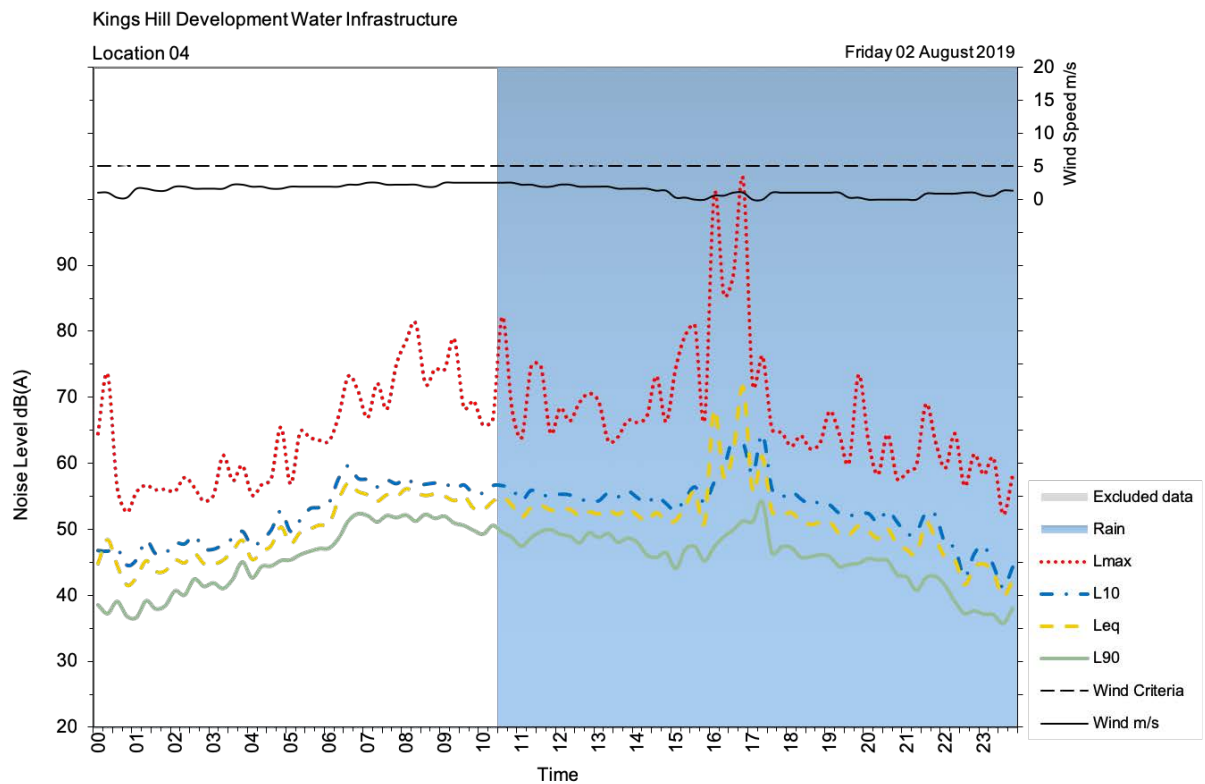
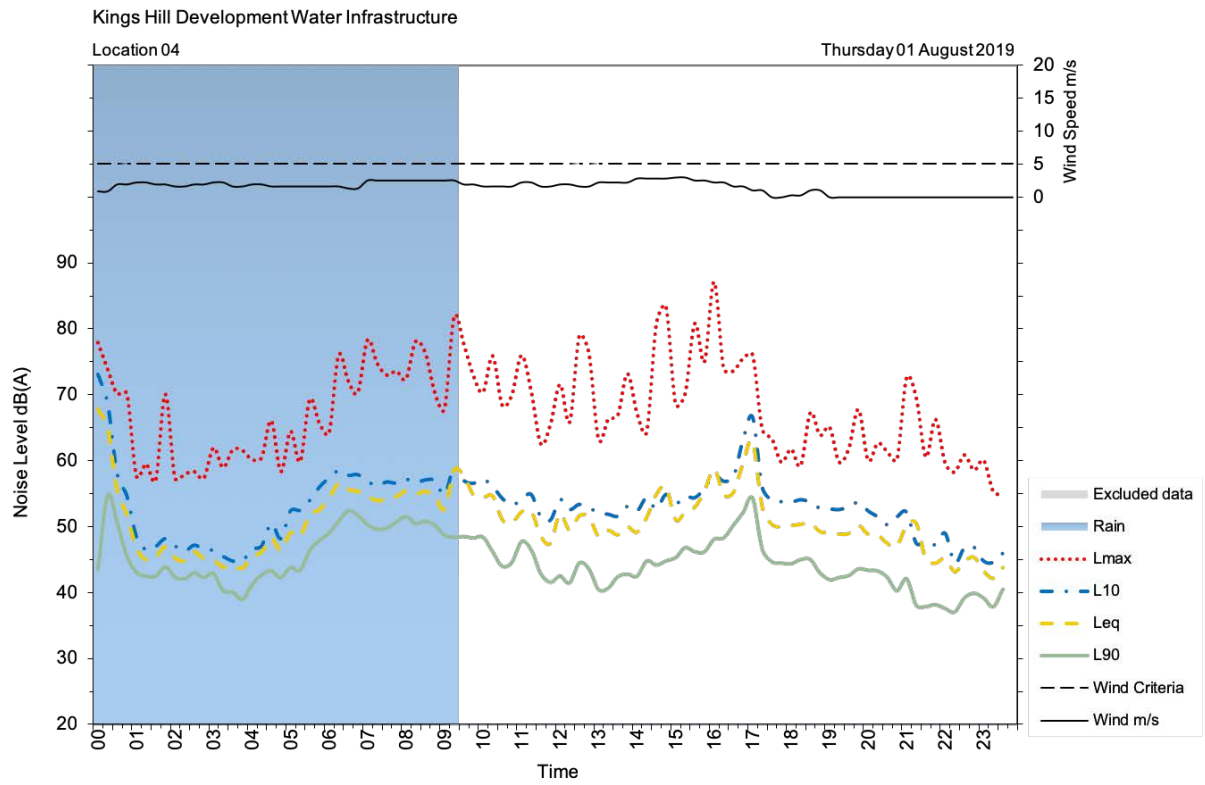


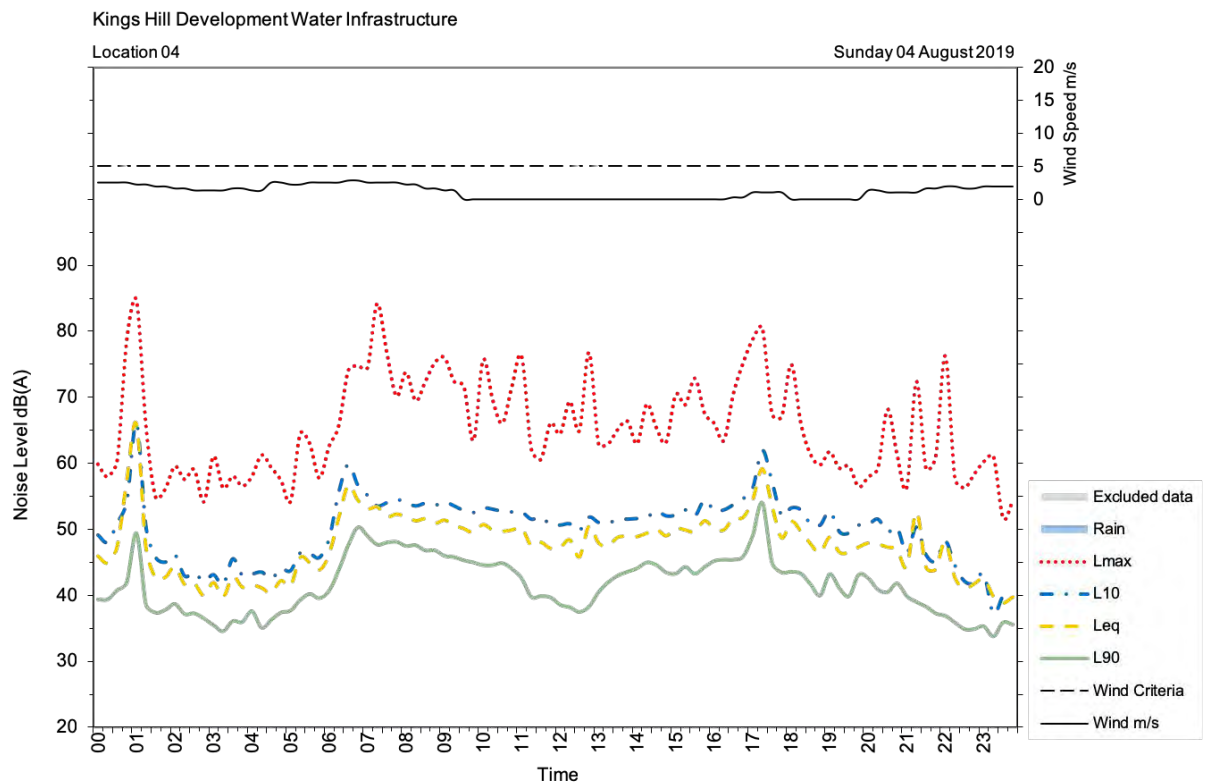
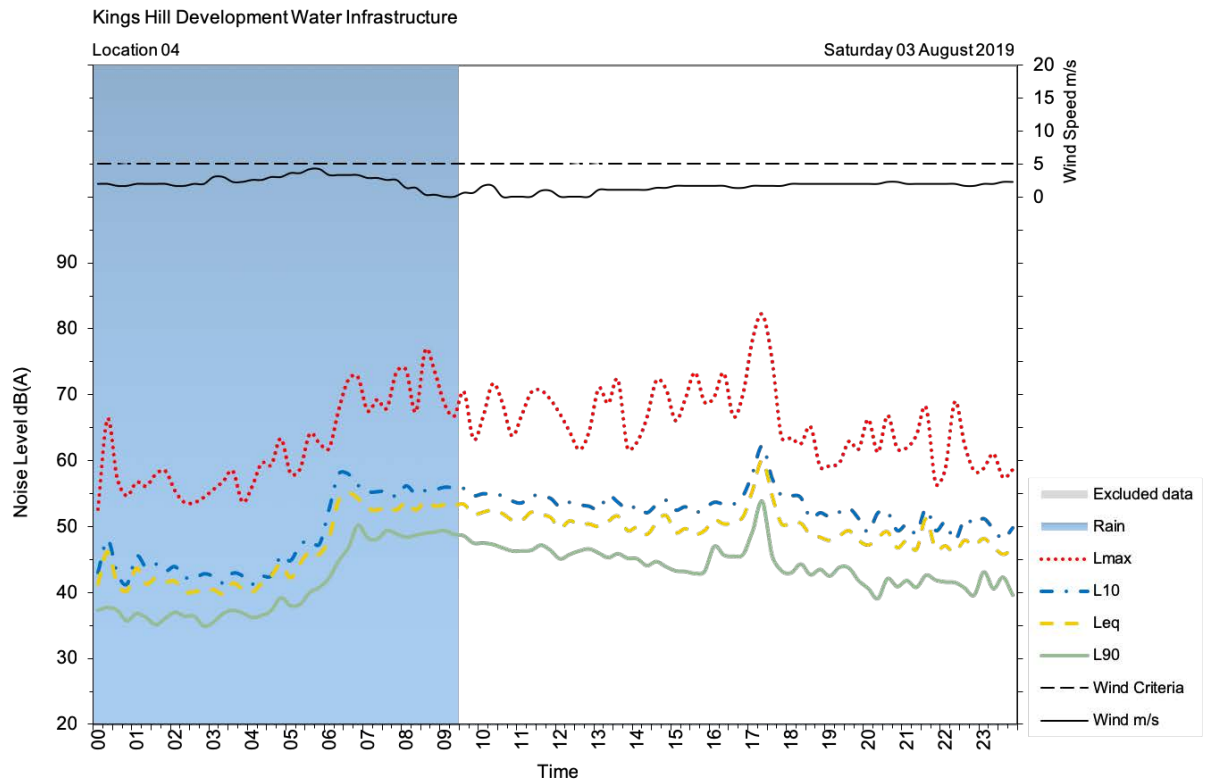


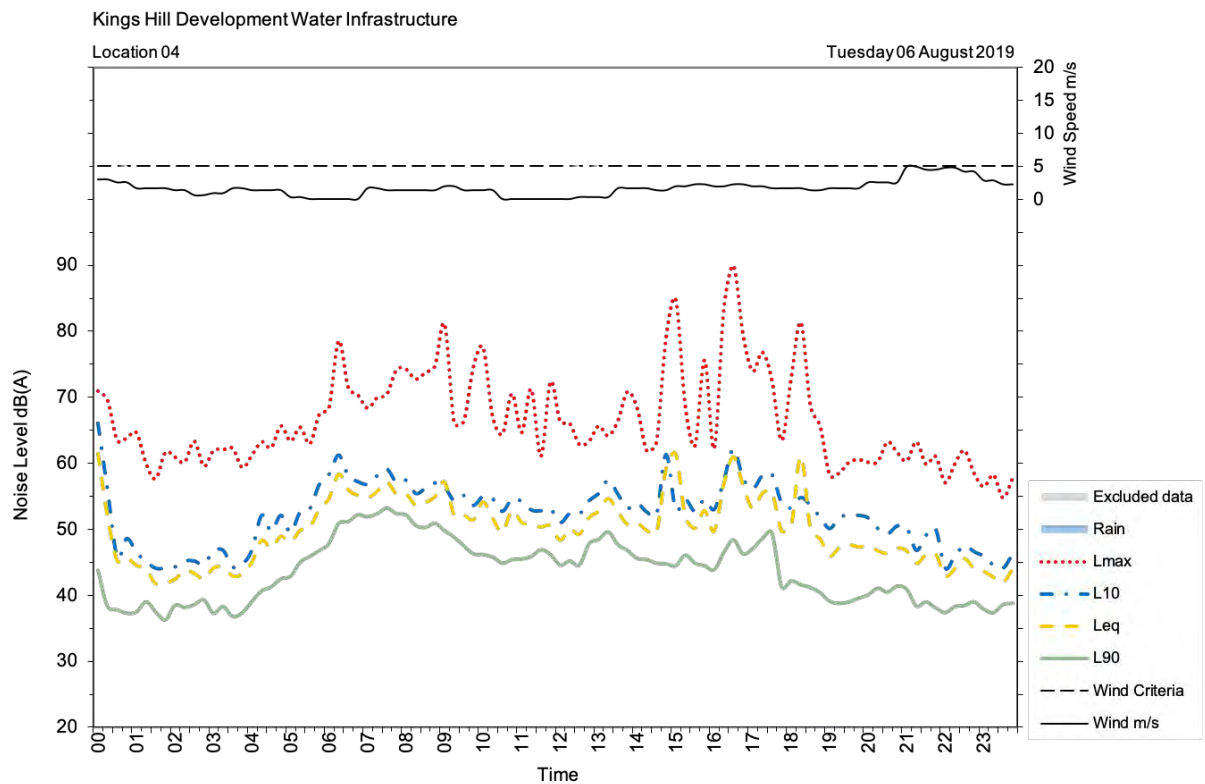
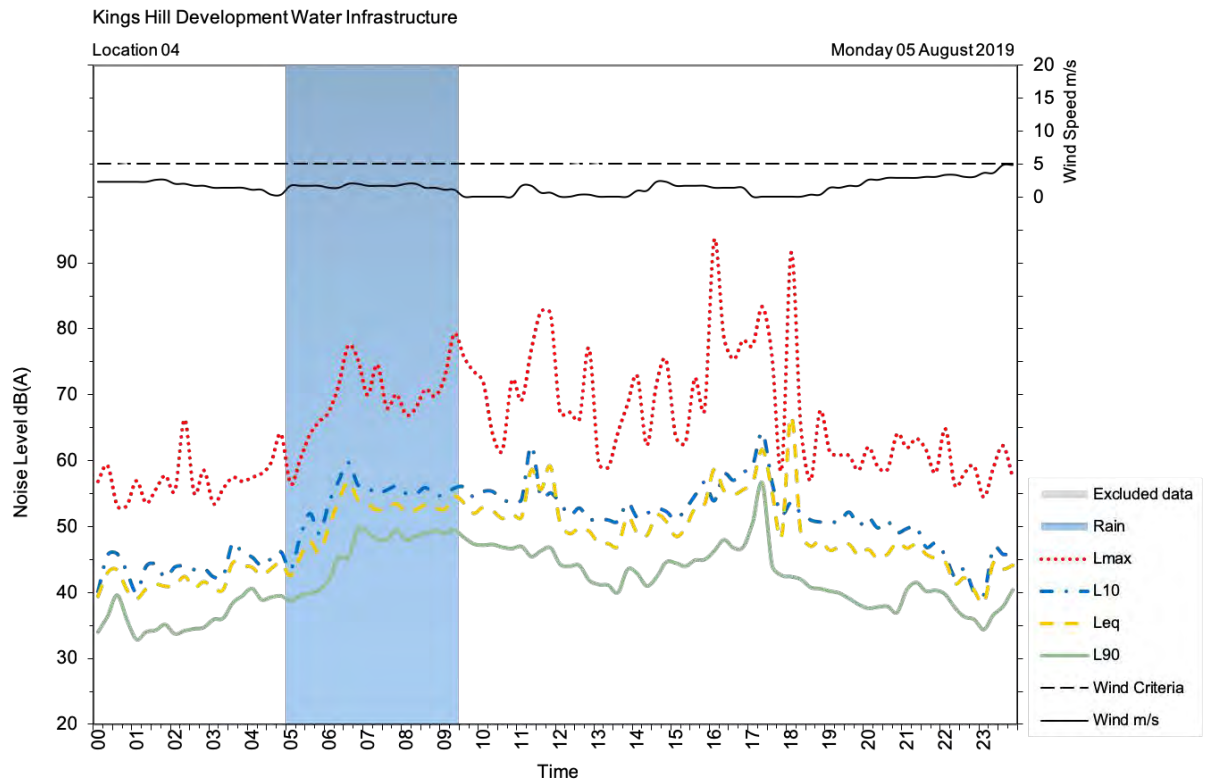


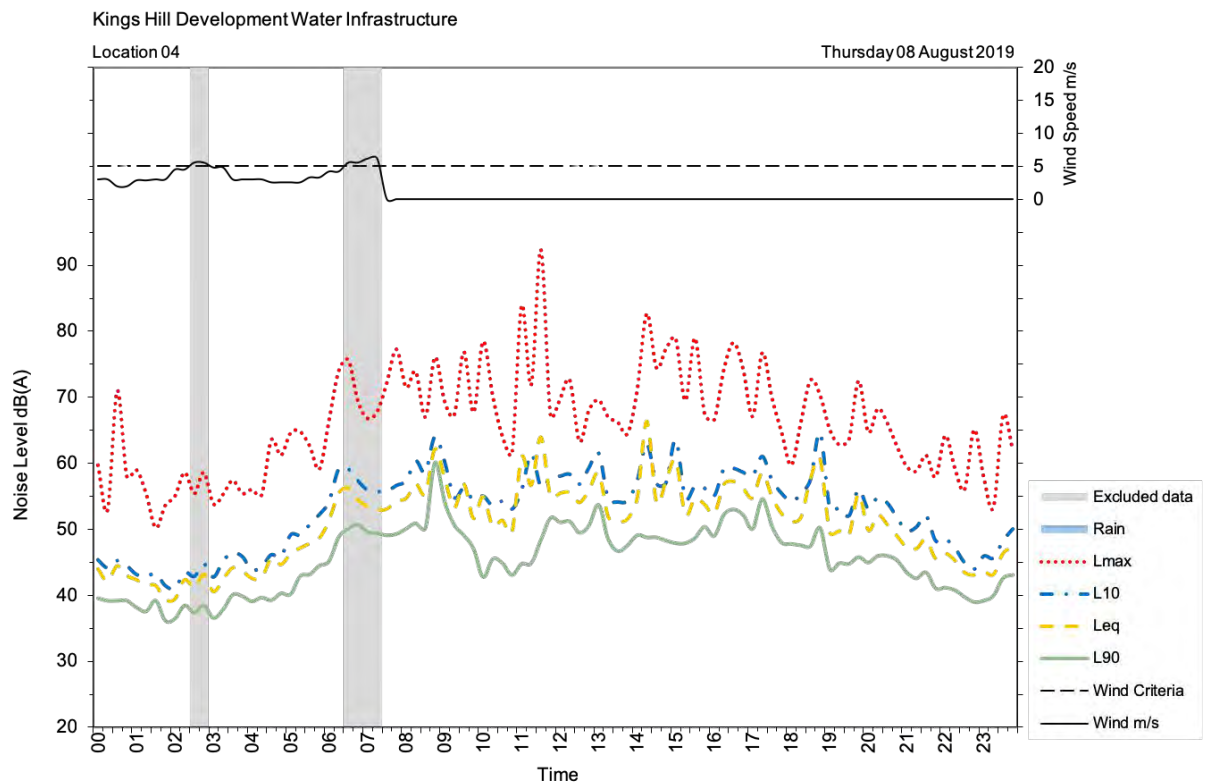
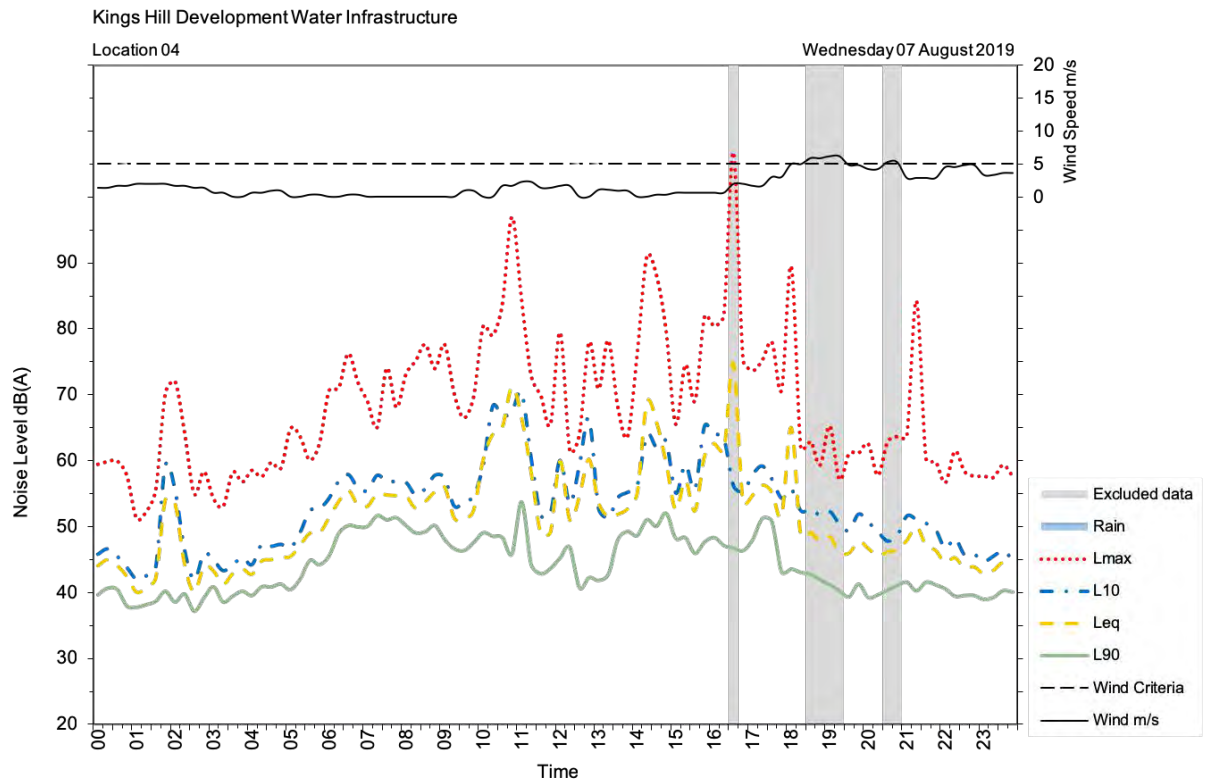
Address	17F Irrawang Street – Raymond Terrace Vacation Centre
Measurement location	Location 4
Measurement details	L _{A90} , L _{Aeq} , L _{A10} , L _{Amax} ,
Logging period	Tuesday 30 th July 2019 to Wednesday 14 th August
Attended monitoring notes	The noise levels, measured 1 metre from the façade, were controlled by local traffic noise from Irrawang Street. Sparse traffic on Rees James Road. The maximum sound level generated by a car passby on the nearby local road.

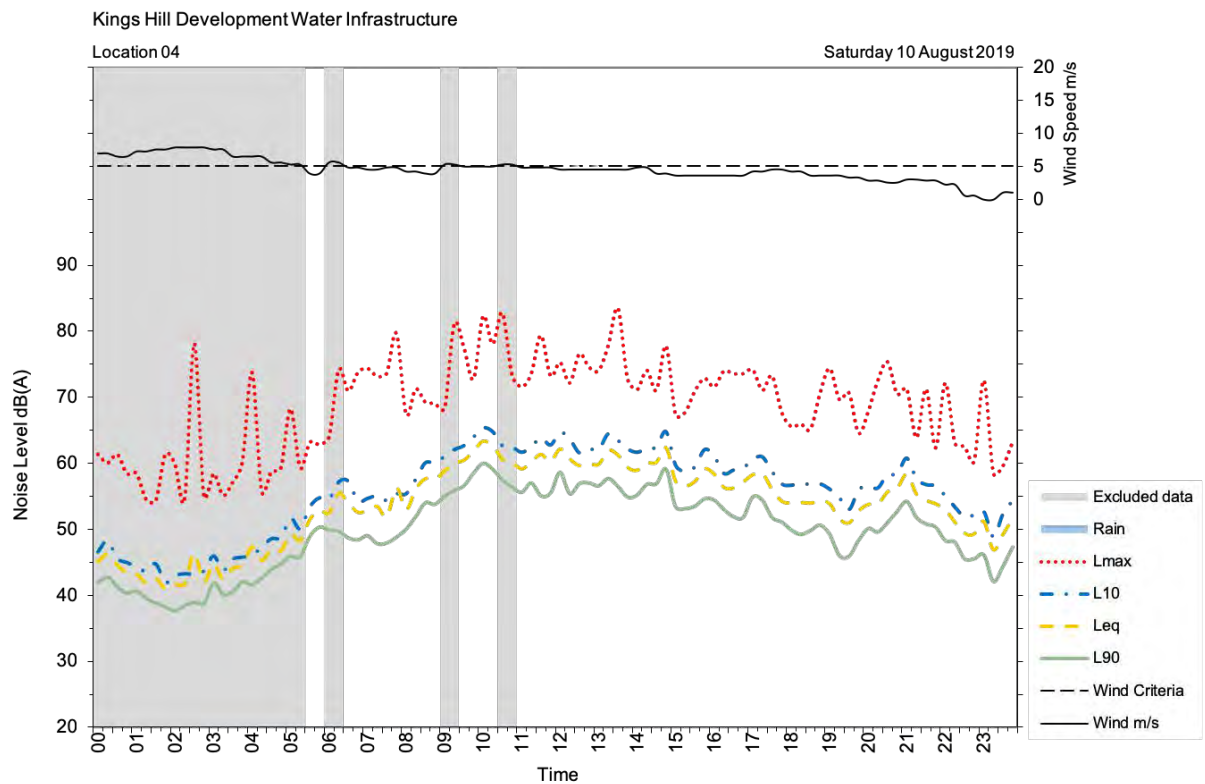
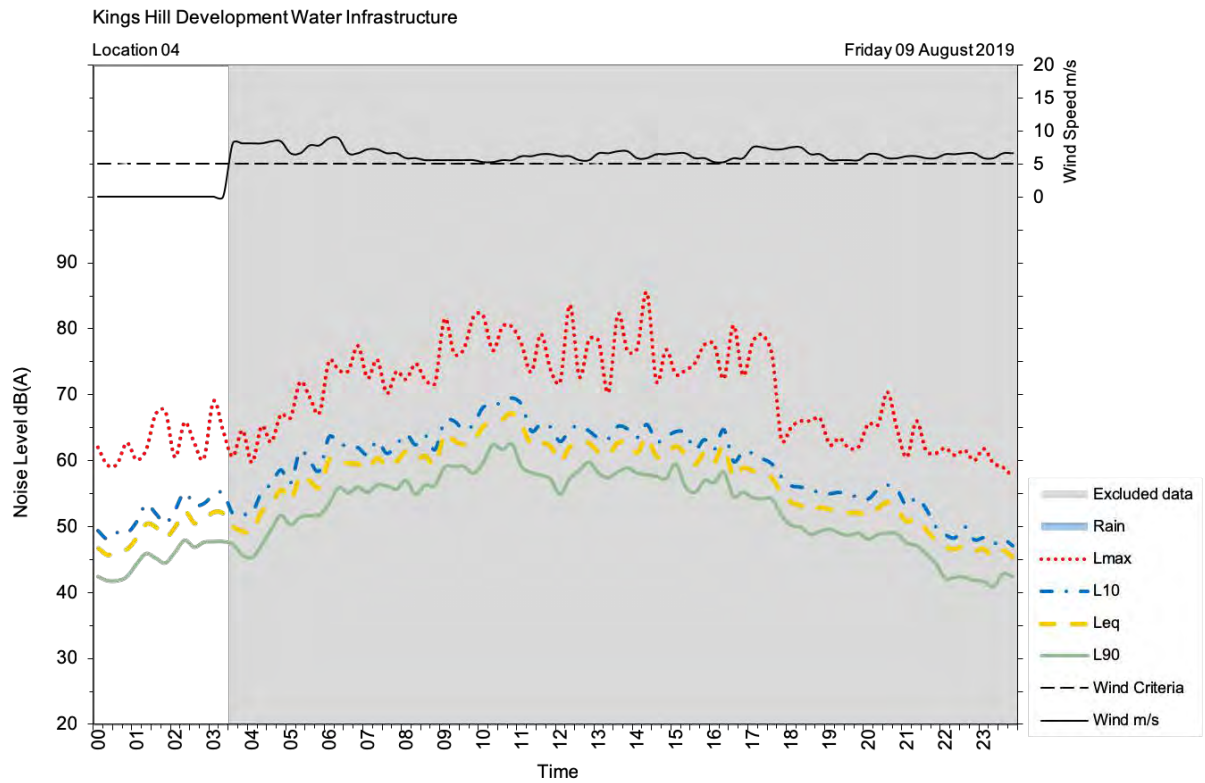


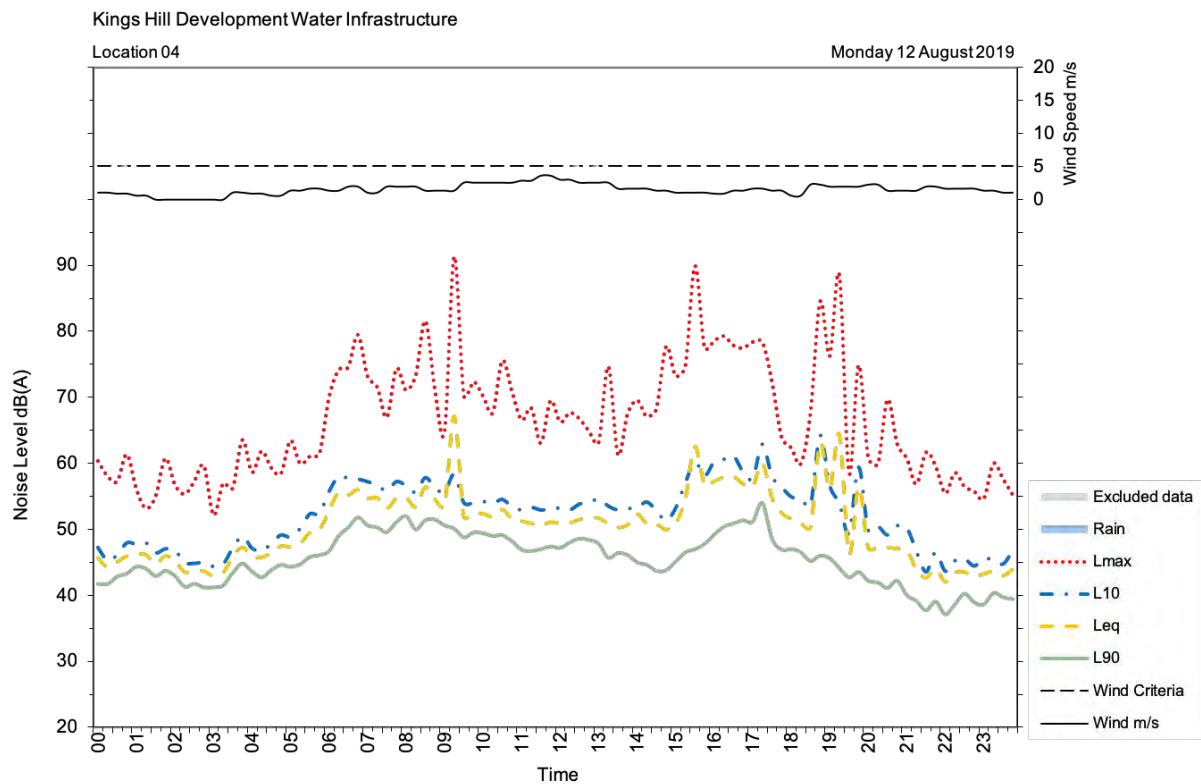
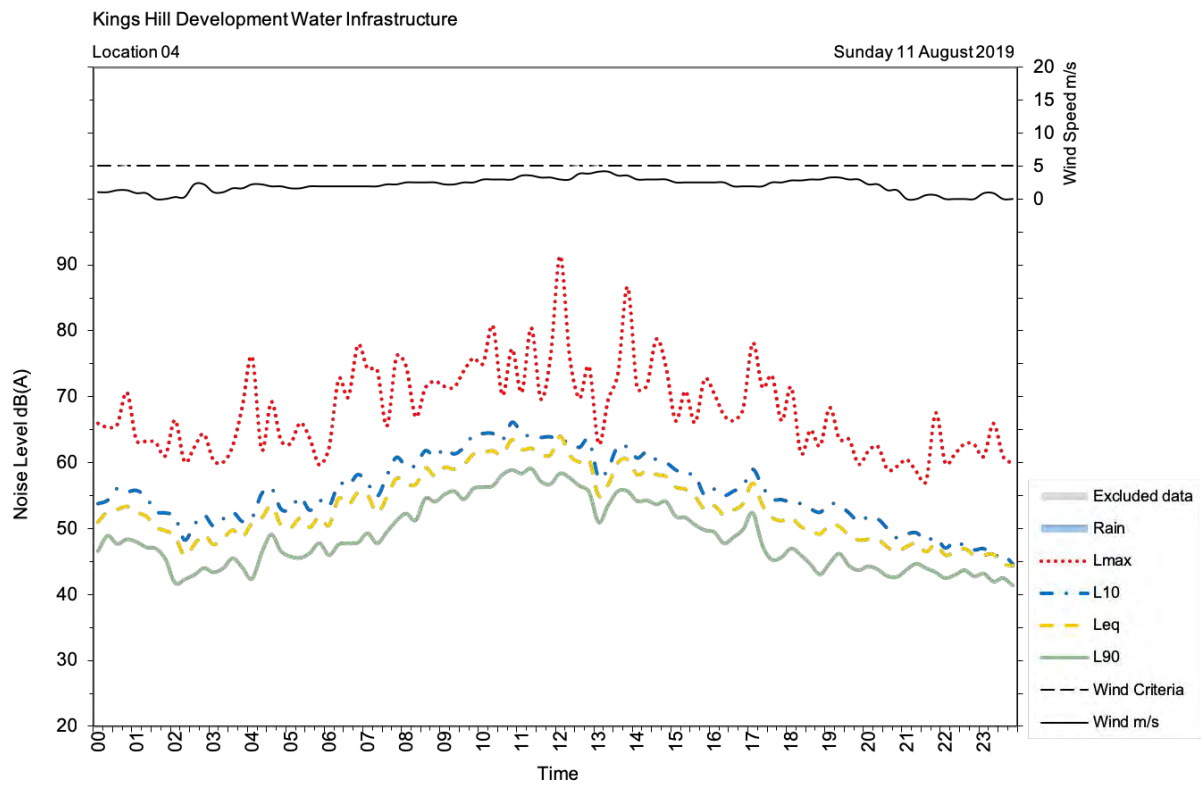


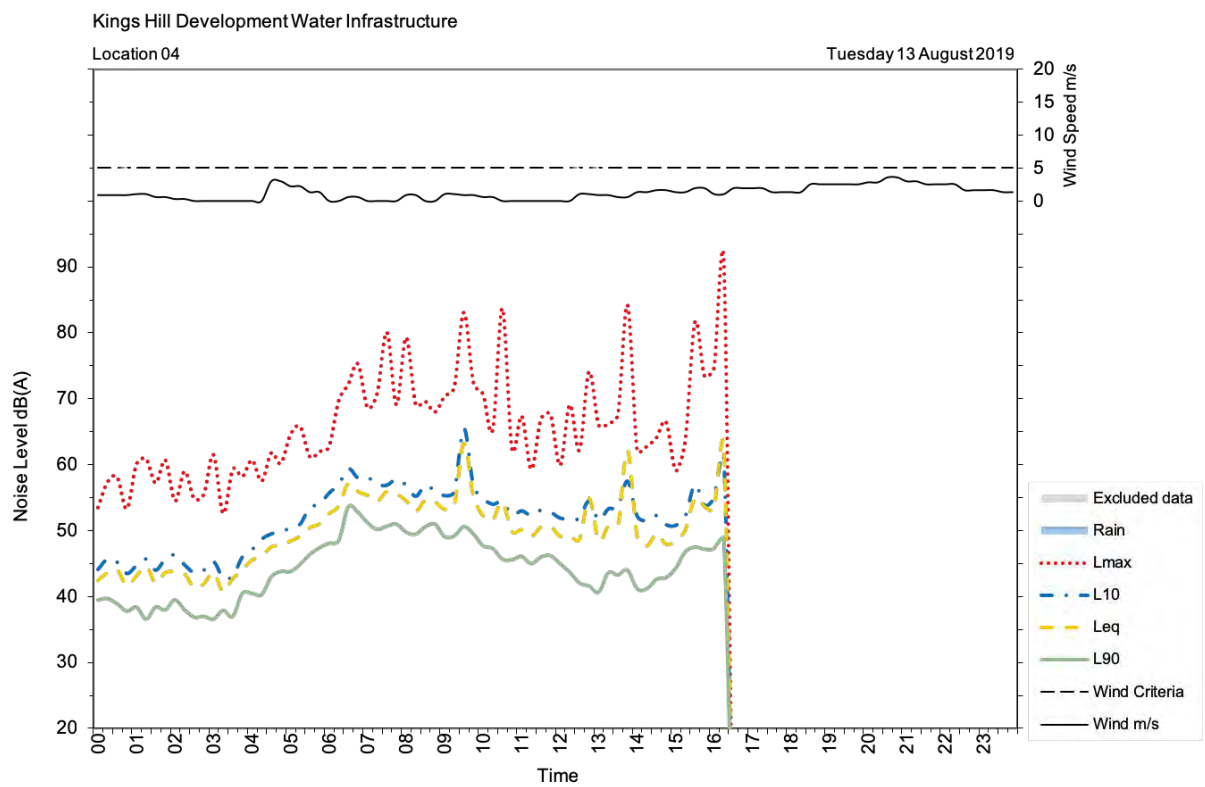




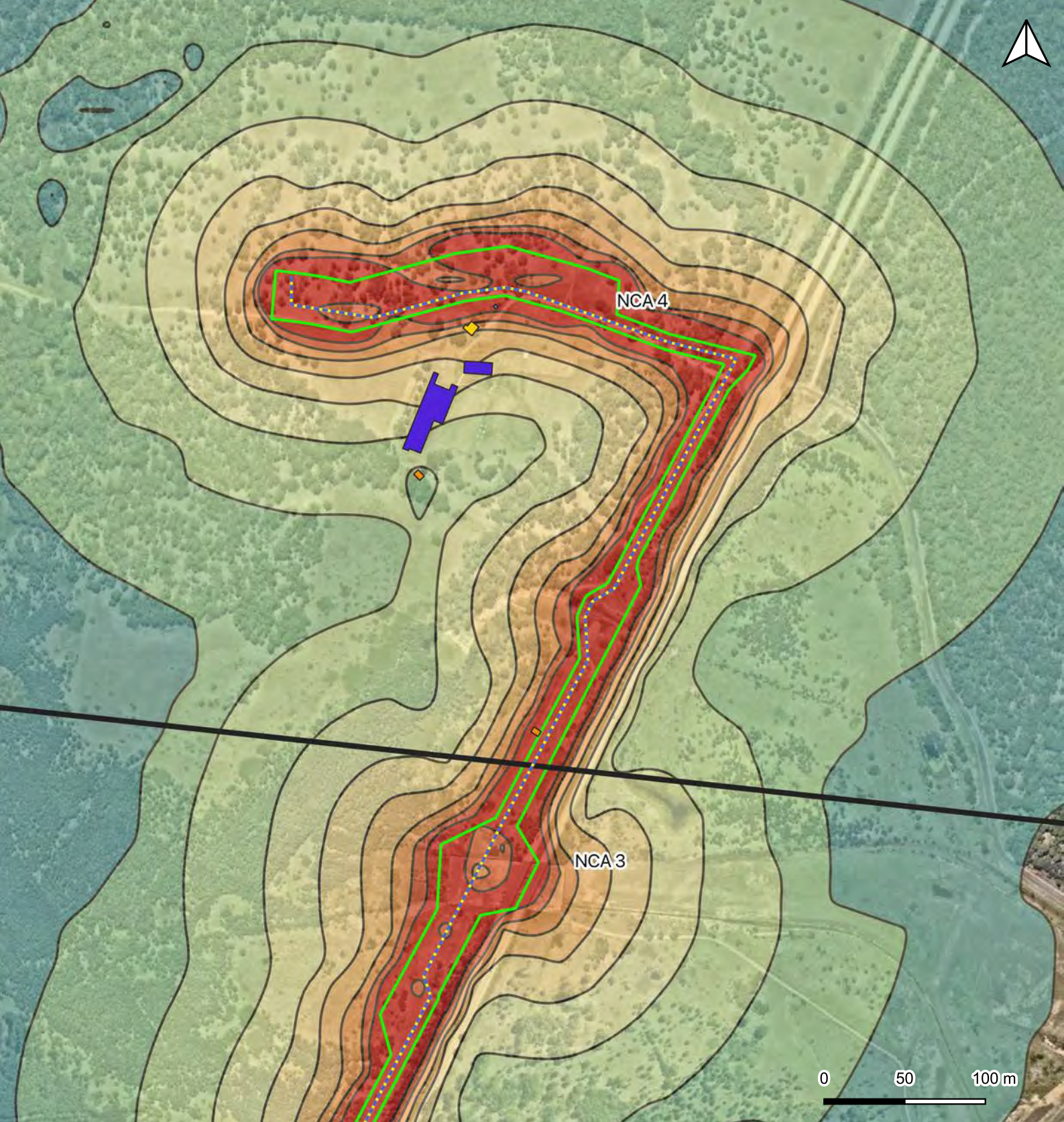








Appendix B – Construction noise contours



LEGEND

- Construction footprint
- Proposed water alignment
- Proposed wastewater alignment

Buildings

- Residential
- Commercial
- Industrial

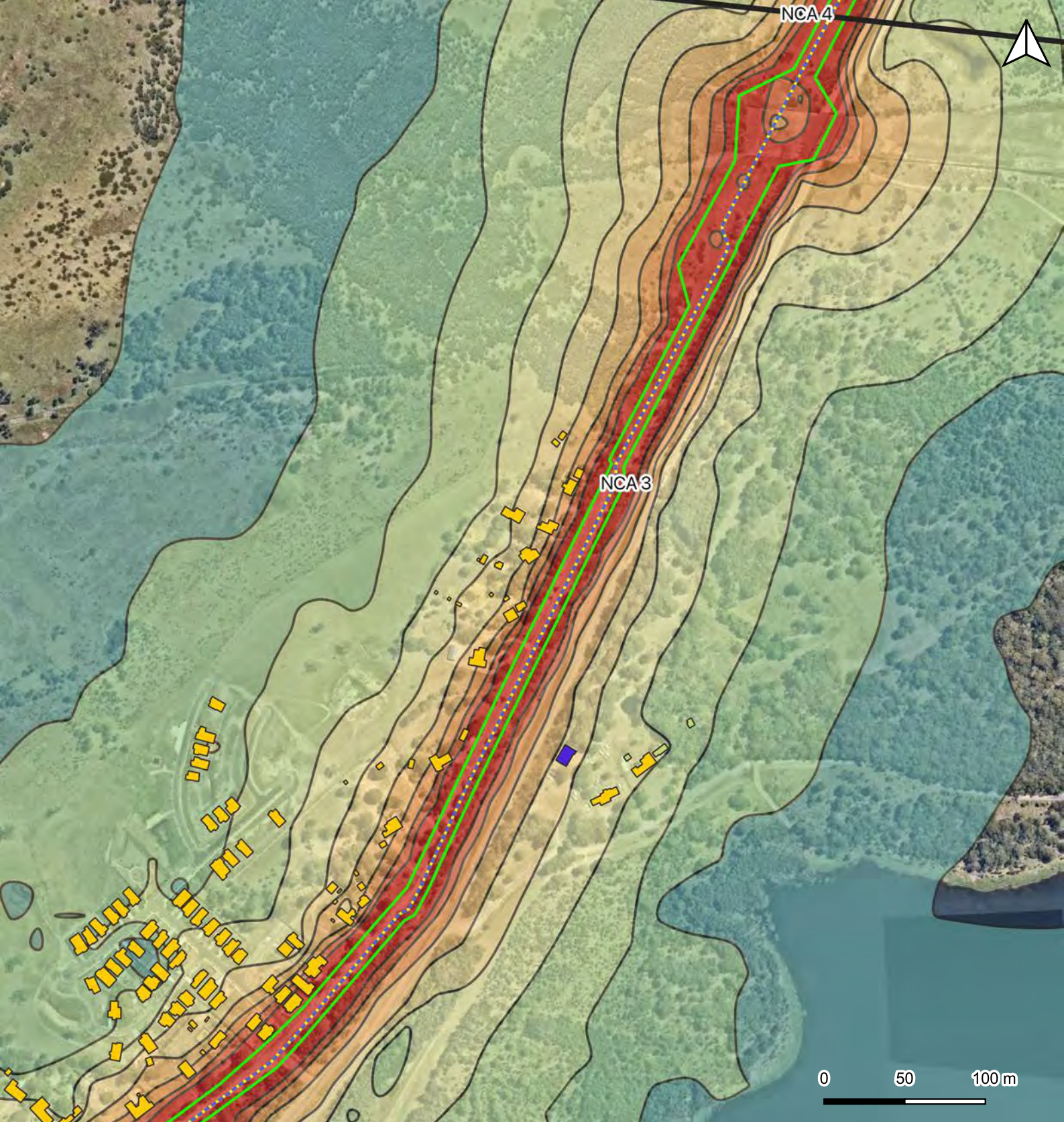
Typical worst case construction
noise, LAeq, 15min with SWL 116dB(A)
Stage 1, 4

- >85
- 80 - 85
- 75 - 80
- 70 - 75
- 65 - 70

- 60 - 65
- 55 - 60
- 50 - 55
- 45 - 50

Client: Arcadis
Drawn by : MSC
Checked by: AP
Dated: August 2019
Page size: A4

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LEGEND

- Construction footprint
- Proposed water alignment
- Proposed wastewater alignment

Buildings

- Residential
- Commercial

Typical worst case construction
noise, LAeq, 15min with SWL 116dB(A)
Stage 1, 4

- >85
- 80 - 85
- 75 - 80
- 70 - 75
- 65 - 70

- 60 - 65
- 55 - 60
- 50 - 55
- 45 - 50

Client: Arcadis
Drawn by : MSC
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