

REF: AS11178.190923.L1

24 September 2019

Alistair Harris
Metis Homes Ltd
59 Tower Street
Winchester
Hampshire
SO23 8TA

WINCHESTER (HEAD OFFICE)

+44 (0) 1962 872 130
mail@clarkesaunders.com

LONDON

+44 (0) 20 3479 7867
london@clarkesaunders.com

EXETER

+44 (0) 1392 342 978
exeter@clarkesaunders.com

Dear Alistair

AS11178 LAND REAR OF 15-27 HORNDEAN ROAD, EMSWORTH**Local Authority Consultation**

At the request of the local authority and in prior agreement, an additional environmental noise survey of the prevailing noise climate at the proposed site was undertaken between Tuesday 17th September and Friday 20th September 2019 at a similar location to the survey in May 2019.

This was primarily in order to satisfy the local authority that any change in traffic flow conditions on the A27 and surrounding road network, commensurate with term-time weekday traffic, does not change the outcome of the assessment.

The Environmental Health Officer's consultation response states:

"I am of the opinion that the noise survey that was carried out may have underestimated the impact of the transport noise sources because the survey took place from Friday midday until Tuesday. There is insufficient data to make a judgement about the suitability of the site."

I would wish to see a noise survey carried out during an average week ie Monday to Friday outside of school holiday periods as this is likely to be the noisiest period of network usage for both road and rail links."

We have liaised with Charlotte Adcock of East Hampshire District Council to confirm arrangements.

Additional measurements have been made following procedures in BS 7445:1991 (ISO1996-2:1987) *Description and measurement of environmental noise Part 2- Acquisition of data pertinent to land use*. Weather conditions throughout the period were dry with light winds and suitable for measurement of environmental noise

Figure AS11178.TH5 – 8, attached, show the L_{Aeq} , L_{Amax} , L_{A10} and L_{A90} sound pressure levels as time histories at the measurement position. This shows that the monitored levels of the additional survey are commensurate with our initial findings.

SURVEY DATES	AVERAGE DAYTIME	AVERAGE NIGHT-TIME	TYPICAL NIGHT-TIME
23-28 May 2019	51 dB L_{Aeq} , 16 hour	47 dB L_{Aeq} , 8 hour	63 dB L_{AFMax}
17-20 Sep 2019	51 dB L_{Aeq} , 16 hour	45 dB L_{Aeq} , 8 hour	58 dB L_{AFMax}

Following this additional environmental noise survey and subsequent analysis, the conclusions of CSA's initial Stage 2 Acoustic Design Statement [ref. AS11178.190617.ADS (Stage 2)] do not change.

We trust the above is of assistance. Should you have any further queries, please do not hesitate to contact me.

Yours sincerely
for CLARKE SAUNDERS ASSOCIATES



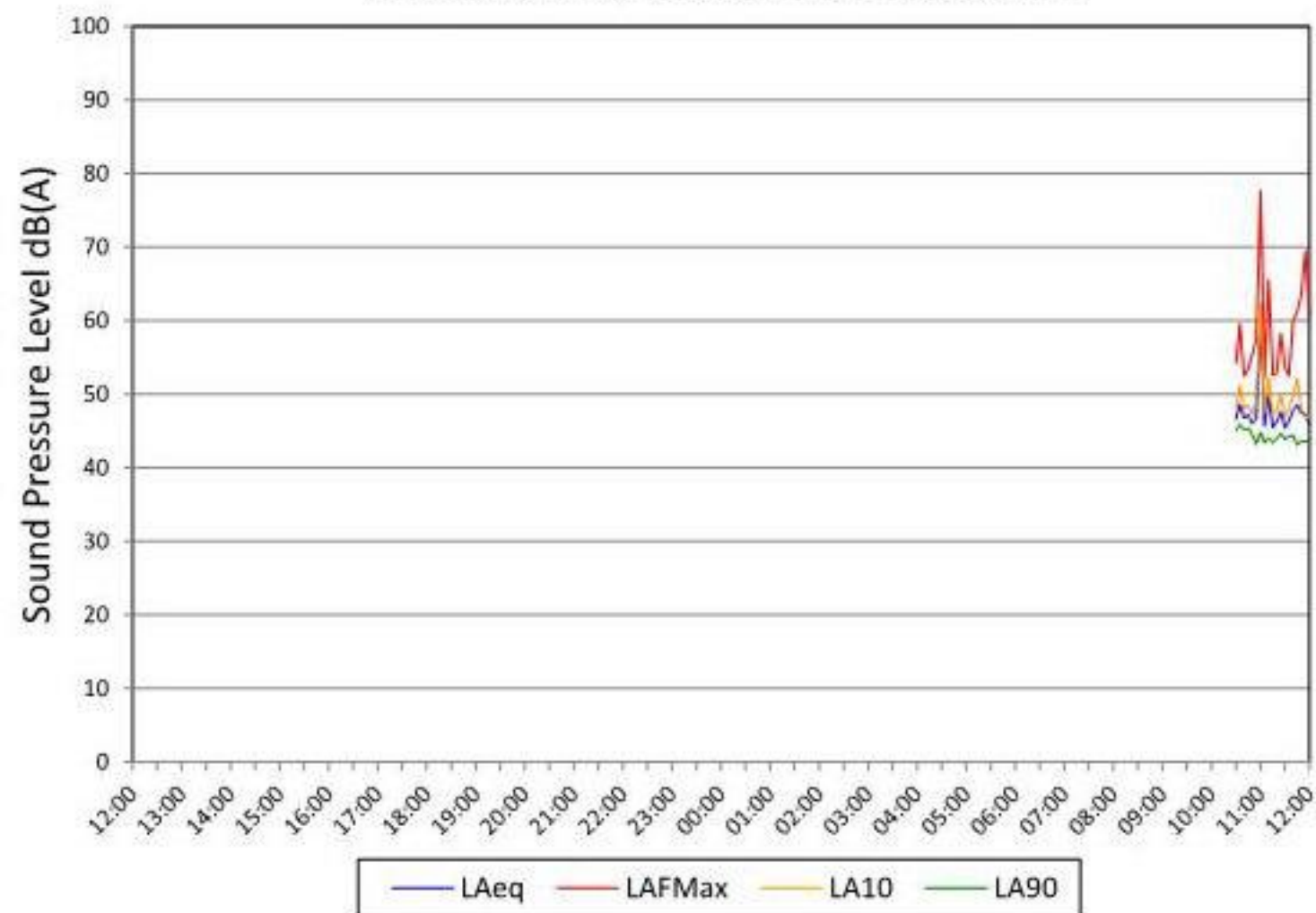
Daniel Saunders

email: dsaunders@clarkesaunders.com

Enc.

Land rear of 15-27 Horndean Road, Emsworth

Environmental Noise Time History: LT2

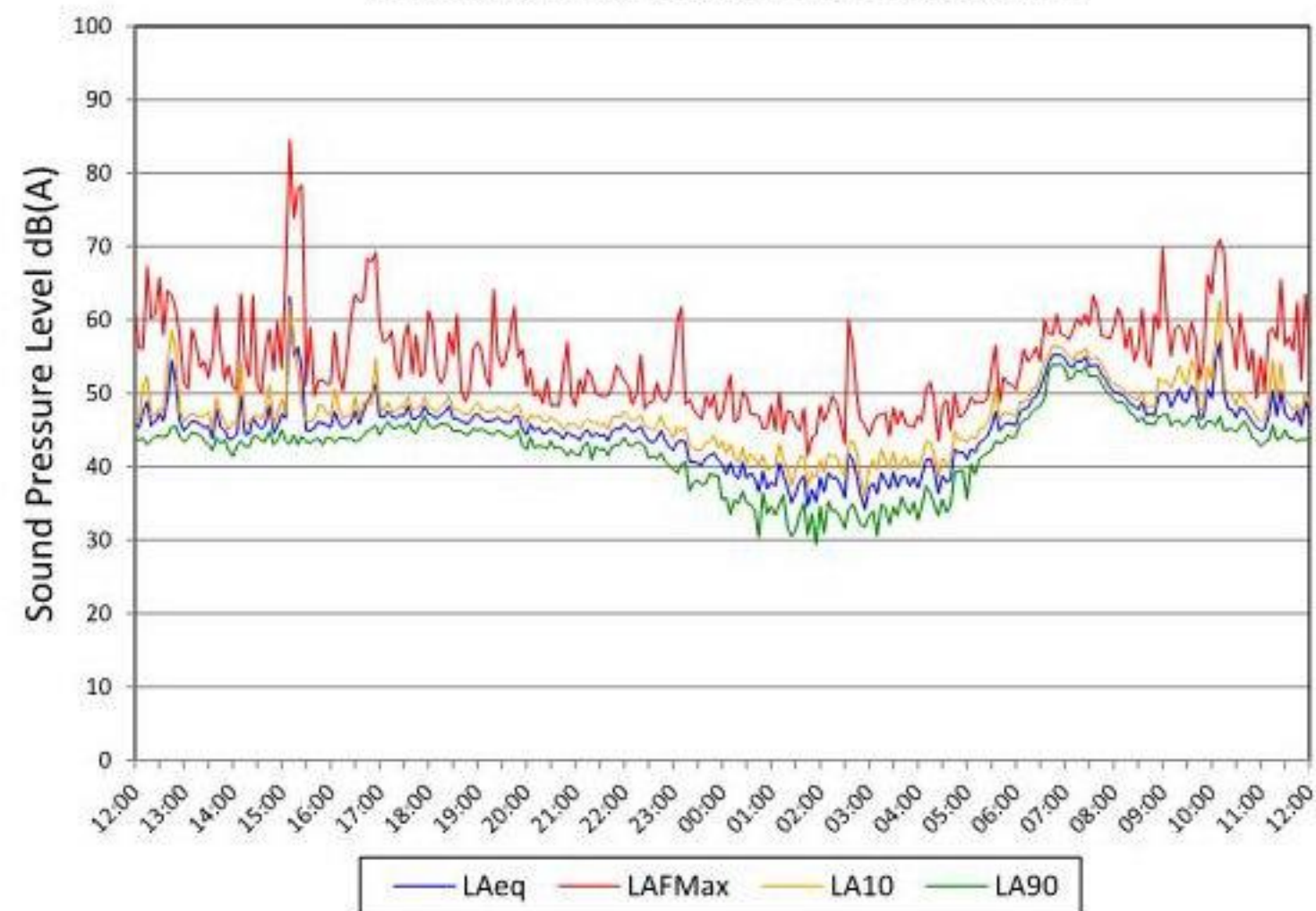


Monday 16 September to Tuesday 17 September 2019

Figure AS11178/TH5

Land rear of 15-27 Horndean Road, Emsworth

Environmental Noise Time History: LT2

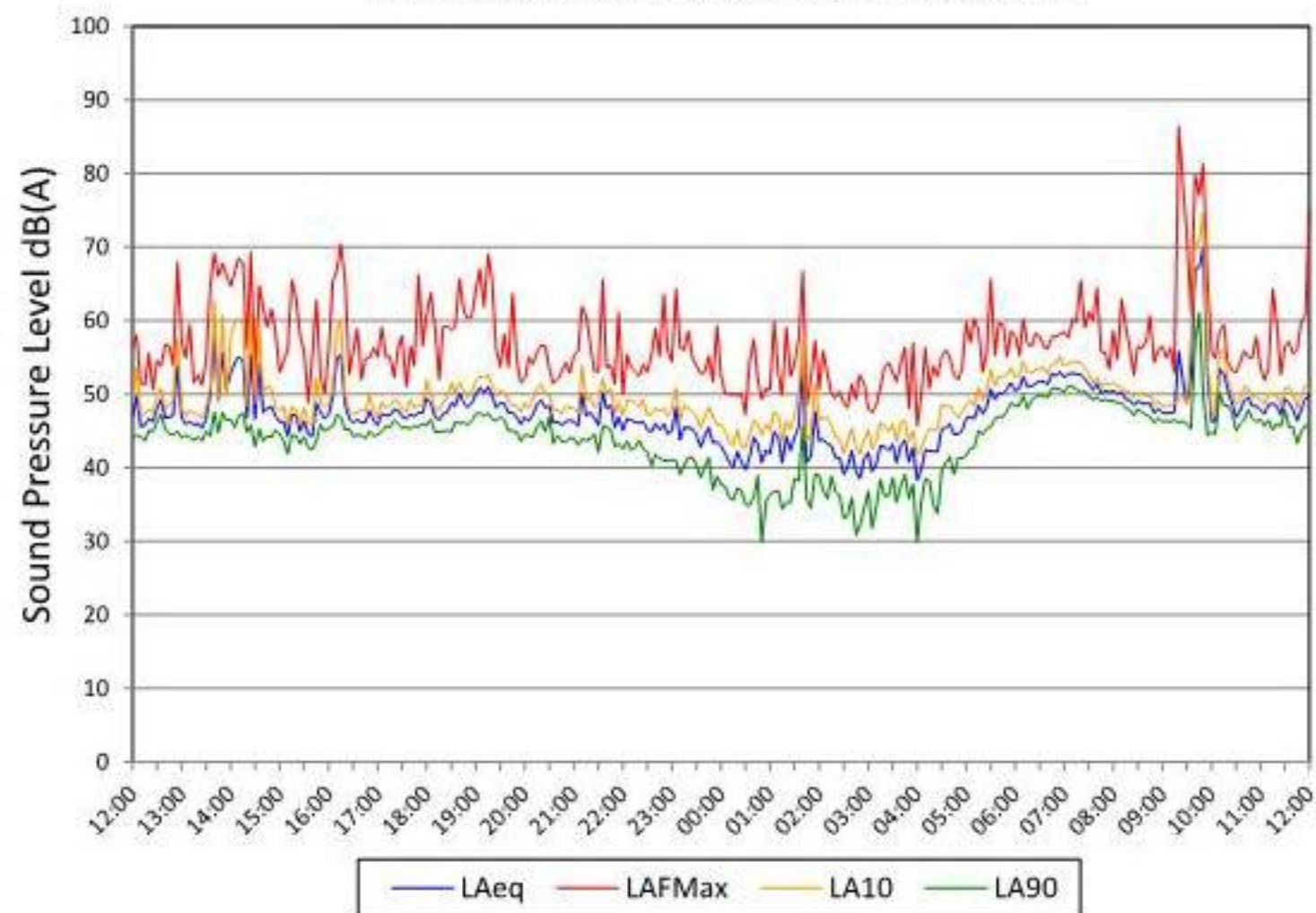


Tuesday 17 September to Wednesday 18 September 2019

Figure AS11178/TH6

Land rear of 15-27 Horndean Road, Emsworth

Environmental Noise Time History: LT2

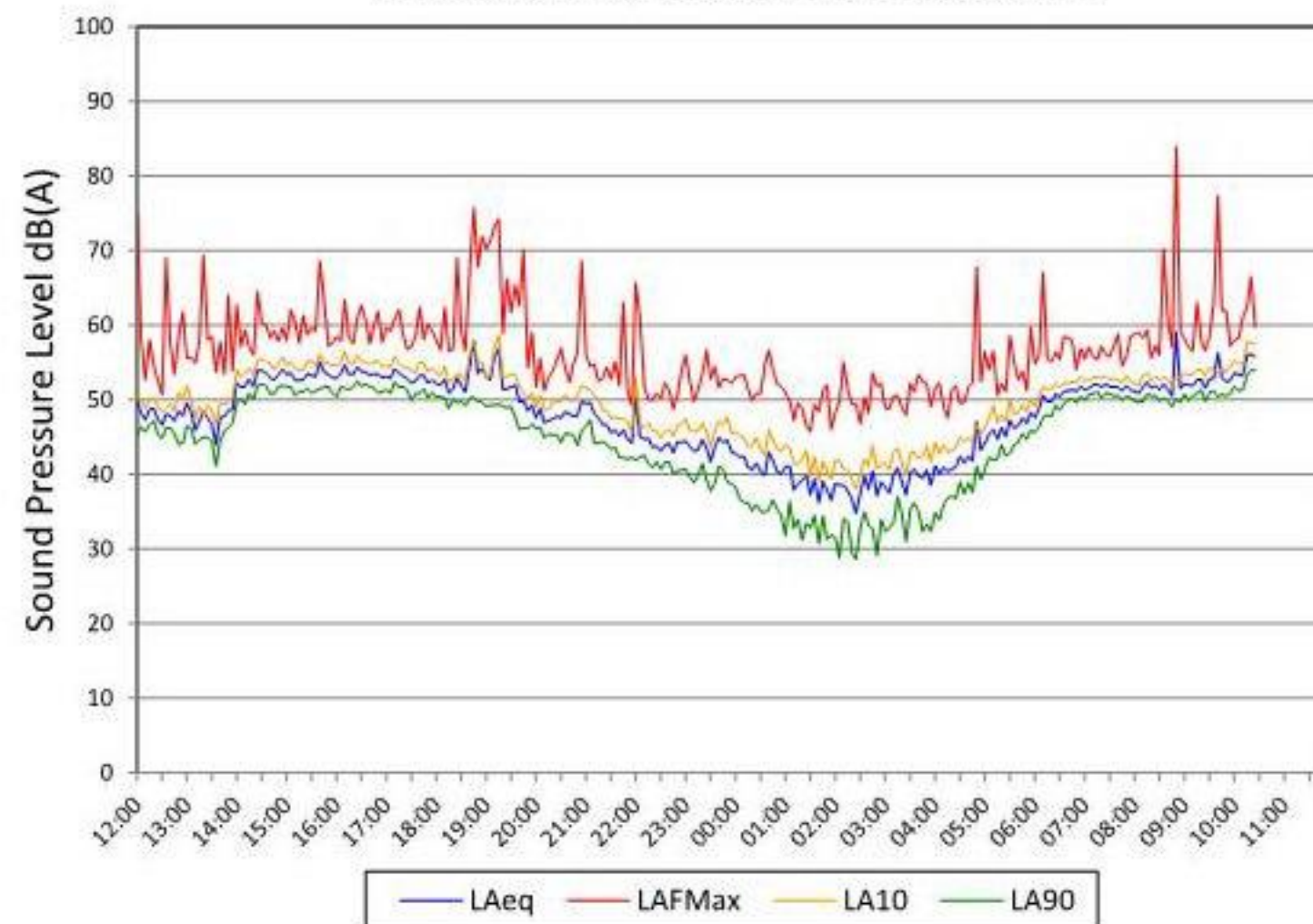


Wednesday 18 September to Thursday 19 September 2019

Figure AS11178/TH7

Land rear of 15-27 Horndean Road, Emsworth

Environmental Noise Time History: LT2



Thursday 19 September to Friday 20 September 2019

Figure AS11178/TH8