



# A30 Chiverton to Carland Cross Improvement Scheme Preliminary Environmental Information Report

PEIR Appendix 11 Noise  
and Vibration

# Table of Contents

	Pages
11 Noise and Vibration	ii
11.1 Glossary of Acoustic Terminology	iii
11.2 Baseline Noise Survey	vi
11.3 Detailed Approach to Assessment of Effects	viii
11.4 Construction Plant Machinery	xiv
11.5 Assessment Locations and Noise Prediction Results	xvi

## Table of Figures

**No table of figures entries found.**

## Table of Tables

Table 11-1 Typical levels	iv
Table 11-2 Construction Plant Machinery	xiv
Table 11-3 Effect codes shown in receptor noise result tables	xvii
Table 11-4 Residential receptor noise results - west of 0+000.000 - 4+000.000	xviii
Table 11-5 Residential receptor noise results - 4+000.000 – 7+500.000	xxxvi
Table 11-6 Residential receptor noise results - 7+500.000 – 11+000.000	xli
Table 11-7 Residential receptor noise results - 11+000.000 – east of 14+000.000	xlix
Table 11-8 Non-residential receptor noise results	lvii
Table 11-9 Short-term traffic noise reporting table	lix
Table 11-10 Long-term traffic noise reporting table	lx
Table 11-11 Long-term traffic noise reporting table	lxi
Table 11-12 Traffic noise nuisance reporting table	lxii

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## PIER Appendix 11.1 Glossary of Acoustic Terminology

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## 11.1 Glossary of Acoustic Terminology

### Decibel (dB)

- 11.1.1 The ratio of sound pressures which we can hear is a ratio of  $10^6:1$  (one million:one). For convenience, therefore, a logarithmic measurement scale is used. The resulting parameter is called the 'sound pressure level' ( $L_p$ ) and the associated measurement unit is the decibel (dB). As the decibel is a logarithmic ratio, the laws of logarithmic addition and subtraction apply.

### dB(A)

- 11.1.2 The unit used to define a weighted sound pressure level, which correlates well with the subjective response to sound. The 'A' weighting follows the frequency response of the human ear, which is less sensitive to low and very high frequencies than it is to those in the range 500Hz to 4kHz.
- 11.1.3 In some statistical descriptors the 'A' weighting forms part of a subscript, such as  $L_{pA10}$ ,  $L_{pA90}$ , and  $L_{pAeq}$  for the 'A' weighted equivalent continuous noise level.

### Equivalent continuous sound level

- 11.1.4 An index for assessment for overall noise exposure is the equivalent continuous sound level,  $L_{peq}$ . This is a notional steady level which would, over a given period of time, deliver the same sound energy as the actual time-varying sound over the same period. Hence fluctuating levels can be described in terms of a single figure level.

### Frequency

- 11.1.5 Frequency is the rate of repetition of a sound wave. The subjective equivalent in music is pitch. The unit of frequency is the hertz (Hz), which is identical to cycles per second. A 1000Hz is often denoted as 1kHz, e.g. 2kHz = 2000Hz. Human hearing ranges approximately from 20Hz to 20kHz. For design purposes the octave bands between 63Hz to 8kHz are generally used. The most commonly used frequency bands are octave bands, in which the mid frequency of each band is twice that of the band below it. For more detailed analysis, each octave band may be split into three one-third octave bands or narrow frequency bands.

### Maximum noise level

- 11.1.6 The maximum noise level identified during a measurement period. Experimental data has shown that the human ear does not generally register the full loudness of transient sound events of less than 125ms duration and fast time weighting (F) has an exponential time constant of 125ms which reflects the ear's response. Slow time weighting (S) has an exponential time constant of 1s and is used to allow more accurate estimation of the average sound level on a visual display.
- 11.1.7 The maximum level measured with fast time weighting is denoted as  $L_{pAmax, F}$ . The maximum level measured with slow time weighting is denoted  $L_{pAmax, S}$ .

### Sound pressure level

- 11.1.8 The sound power emitted by a source results in pressure fluctuations in the air, which are heard as sound.

- 11.1.9 The sound pressure level ( $L_p$ ) is ten times the logarithm of the ratio of the measured sound pressure (detected by a microphone) to the reference level of  $2 \times 10^{-5}$  Pa (the threshold of hearing).
- 11.1.10 Thus  $L_p$  (dB) =  $10 \log (P/P_{ref})^2$  where  $P_{ref}$ , the lowest pressure detectable by the ear, is 0.00002 pascals (i.e.  $2 \times 10^{-5}$  Pa).
- 11.1.11 The threshold of hearing is 0dB, while the threshold of pain is approximately 120dB. Normal speech is approximately 60dB $L_{pA}$  and a change of 3dB is only just detectable. A change of 10dB is subjectively twice, or half, as loud.

### Statistical noise levels

- 11.1.12 For levels of noise that vary widely with time, for example road traffic noise, it is necessary to employ an index which allows for this variation. The  $L_{p10}$ , the level exceeded for 10% of the time period under consideration, and can be used for the assessment of road traffic noise (note that  $L_{pAeq}$  is used in BS 8233 for assessing traffic noise). The  $L_{90}$ , the level exceeded for 90% of the time, has been adopted to represent the background noise level. The  $L_1$ , the level exceeded for 1% of the time, is representative of the maximum levels recorded during the sample period.
- 11.1.13 A weighted statistical noise levels are denoted  $L_{pA10}$ , dB $L_{pA90}$  etc. The reference time period (T) is normally included, e.g. dB $L_{pA10, 5min}$  or dB $L_{pA90, 8hr}$ .

**Table 11-1 Typical levels**

Noise Level, dB(A)	Example
130	Threshold of pain
120	Jet aircraft take-off at 100m
110	Chain saw at 1m
100	Inside disco
90	Heavy lorries at 5m
80	Kerbside of busy street
70	Loud radio (in typical domestic room)
60	Office or restaurant
50	Domestic fan heater at 1m
40	Living room
30	Theatre
20	Remote countryside on still night

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## PIER Appendix 11.2 Baseline Noise Survey

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## 11.2 Baseline Noise Survey

- 11.2.1 Due to programme constraints, it was not possible to complete the baseline noise survey to include the data in this assessment. When the data is available, it will be used to provide indicative information to validate the predicted results. HD 213/11 states that the preferred approach for establishing baseline noise conditions is to use predicted data across the calculation area, hence it has been possible to carry out the operational assessment in the absence of the survey data at this assessment stage. Similarly, the baseline noise level at receptors where construction noise has been predicted has been taken from the baseline traffic noise prediction data.

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## PIER Appendix 11.3 Detailed Approach to Assessment of Effects

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## 11.3 Detailed Approach to Assessment of Effects

### Types of receptor

#### *Residential receptors: direct effects – individual dwellings*

- 11.3.1 Where the predicted total noise or vibration increases the baseline noise such that it exceeds the trigger value for onset of a significant observed adverse effect (refer to Table 11-1), then a likely significant noise or vibration effect has been identified on that individual receptor.
- 11.3.2 Such situations are significant observed adverse effects in terms of government noise policy. For clarity, in the assessment of effects in Section 11.10 of this report, the term 'significant observed adverse effect' is used to describe these effects. This is to distinguish them from effects that are considered to be significant in the environmental impact assessment (EIA) but which are not significant in terms of government noise policy.
- 11.3.3 With reference to PPG-Noise, significant observed adverse effects would generally be on residents inside buildings where the resulting noise or vibration could disrupt activities. Significant observed adverse effects can be avoided by mitigation in the scheme (e.g. noise barriers), mitigation at the receptor (i.e. noise insulation) or a combination of both.

#### *Residential receptors: direct effects – communities*

- 11.3.4 Where the predicted total level of noise or vibration, including noise from the scheme, is between the trigger values for the onset of an adverse observed effect and a significant observed adverse effect (refer to Table 11-1 and Table 11-2), people's perception of the level of effect is generally indicated by the increase in noise or vibration from what it would be without the scheme. People living in a local community when such a change in noise occurs, may consider it an adverse effect on the acoustic character of the area and hence may perceive it as a change in the quality of life.
- 11.3.5 People who do not experience the acoustic character of an area before a change occurs will consider noise or vibration, where it occurs, based on the absolute level, not the change in level. Their perception of the magnitude of any effect is therefore likely to be lower than those who experience the change. For example, this applies to proposed future residential development that would be occupied following opening of the scheme.
- 11.3.6 For operational noise, consistent with best practice and guidance given in DMRB HD213/11, the magnitude of the impact on a community due to noise change is categorised as negligible, minor, moderate or major. Such impacts can be adverse or beneficial.
- 11.3.7 For construction noise, potential adverse effects are identified where assessment criteria are exceeded. The assessment criteria are defined by the relevant British Standard, BS5228 Part 1 and are set based on the existing ambient noise level (the lower the existing level, the lower the trigger level for the assessment category) and are also set at lower levels for evening and then lower levels again for night time.
- 11.3.8 When considered collectively on a community basis, and taking into account the local context, adverse noise or vibration effects may be deemed to be significant

in EIA terms (although not in terms of government noise policy terms). In considering whether the level of effect is significant in EIA terms on a community basis, the following criteria have been taken into account:

- the change in noise levels (and resulting noise effect on receptors);
- the level of noise exposure once the scheme is in operation;
- the level and character of the existing noise environment;
- the number and grouping of adversely or beneficially affected dwellings and shared community facilities;
- any unique features of the source or receiving environment in the local area;
- combined exposure to noise and vibration;
- for construction, the duration of the adverse or beneficial effect; and
- the effectiveness of mitigation measures that are provided.

11.3.9 The assessment is evidence-based. As examples, the assessment methodology could consider the following cases to be a likely significant effect:

- a large number of dwellings subject to minor adverse or beneficial effect due to noise change in a quiet existing environment and that are grouped together forming a residential community area;
- a medium number of dwellings subject to moderate adverse or beneficial effect due to noise change in an existing environment with 'average' existing noise levels and that are grouped together forming a residential community area;
- a small number of dwellings subject to major adverse or beneficial effect due to noise change in an existing environment that is currently either quiet or averagely noisy and that are grouped closely together forming a residential community area; or
- a single dwelling subject to a significant observed adverse effect (refer to Table 11-1) i.e. a significant impact on health and quality of life consistent with government noise policy.

11.3.10 The evidence used to inform the significance decisions reported in the operational assessment is presented in the assessment results Appendix 11.5.1, i.e. absolute noise levels for the Do Minimum and Do Something scenarios, the change in noise level, and the numbers of properties affected.

11.3.11 For the purposes of this assessment, 'considered significant on a community basis' refers to a group of residential dwellings situated close to each other, including any shared open space.

11.3.12 Such significant effects can potentially be reduced by mitigation incorporated in the scheme (e.g. noise barriers).

Non-residential receptors: direct effects

11.3.13 Medical buildings, educational buildings and community facilities, along with buildings having specific noise and vibration sensitive resources, are called non-residential sensitive receptors in this assessment.

11.3.14 The level of effect of noise or vibration on a non-residential receptor is dependent on:

- the overall noise level and the change in noise level (from the baseline) due to the scheme;
- the receptor's generic sensitivity to noise or vibration, which is dependent on the use of the receptor; and
- the receptor's specific sensitivity to noise or vibration, for example, the location, construction and layout of a school. This would include matters such as whether the most sensitive parts of the school are closest to and face the scheme or are further from and on the opposite side of a building to the scheme; and the noise insulation performance of the building.

11.3.15 The assessment has considered the noise and vibration exposure at each non-residential receptor and the receptor's generic sensitivity. On a worst-case basis, it assumes that the receptor is the most sensitive it can be. For example, that the most sensitive use in the building is on the side facing the route.

*All receptors: indirect effects*

11.3.16 The assessment has considered likely noise or vibration effects from temporary or permanent changes in traffic on existing roads caused by the scheme – i.e. indirect effects. The assessment is based on evaluating the likely change in noise or vibration levels at receptors alongside each road, based on the anticipated change in traffic type and numbers. In determining whether effects are significant, the assessment has considered the magnitude of the change, the number of residential dwellings that would be affected by the change and the sensitivity of any non-residential receptor.

**Construction airborne noise**

*Direct effects - noise*

- 11.3.17 Temporary direct impacts from airborne noise may be caused, for example, by construction activities associated with site clearance, earthworks and pavements.
- 11.3.18 Likely significant effects and significant observed adverse effects have been assessed at the closest noise sensitive receptors to the proposed locations for the main construction activities.
- 11.3.19 The assessments have been undertaken at locations that are representative of a number of dwellings or other sensitive receptors. For groups of properties, receptors are chosen to be representative of the worst case (most exposed) location in the group of properties. Where a receptor has multiple uses the assessment has been made based on the most sensitive use.
- 11.3.20 Construction noise levels have been predicted as the logarithmic average over a calendar month as an  $L_{pAeq,T}$ . The predictions consider the variation in the programme and the working area for the period assessed. The assessment results present the range of monthly noise levels for a specified assessment location.
- 11.3.21 The predictions are presented as façade levels relating to a position 1m from the building. The assessment considers monthly noise levels but levels would vary day-to-day. Highest daily levels may sometimes be around 5dB higher than the monthly level but would also be substantially lower on other days in that month.

11.3.22 Many of the construction processes would move progressively along the line of route. For these processes, noise levels have been considered for the worst case, i.e. when the process is closest to the receptor, and point furthest from the receptor within the same month to derive an average monthly noise level.

*Indirect effects- noise*

11.3.23 Indirect impacts of airborne noise could be caused by temporary changes to road or traffic patterns on the existing road network during construction.

11.3.24 It is not expected that temporary haul road surfaces will be required for this Scheme, or that noise from construction traffic would give rise to substantial traffic noise increases given that the Scheme is already heavily trafficked by HGVs.

**Construction vibration**

*Direct effects - vibration*

11.3.25 Vibration from construction has been assessed to ensure there is no risk of causing damage to existing buildings and then to assess the response of people to the vibration where they live and work.

11.3.26 Temporary direct effects due to groundborne vibration are only caused by a limited number of construction activities such as some types of piling and vibro-compaction.

*Indirect effects - vibration*

11.3.27 Indirect impacts of vibration from construction traffic using the highway network can potentially arise from two sources:

- groundborne vibration produced by the movement of heavy vehicles over irregularities in the road surface; and
- airborne vibration arising from low frequency noise emitted by vehicle engines and exhausts.

11.3.28 It is not expected that temporary haul road surfaces will be required for this Scheme, or that airborne vibration would be substantially increased given the Scheme is already heavily trafficked by heavy vehicles.

**Operational noise**

11.3.29 Noise levels have been calculated for the Scheme including incorporated mitigation, i.e. the earthworks, structures and other measures that are designed to mitigate noise, as well as landscaping or other features included for other reasons, but which also reduce wayside noise.

11.3.30 A geographical information system (GIS) has been used to construct a three dimensional noise model of the study area. The model includes terrain data, buildings (and other structures that might screen or reflect noise), ground cover types and road links. Each road link is attributed with information on traffic flow, speed, proportion of heavy goods vehicles (HGVs) and road surface type, from which noise levels were calculated according to CRTN using proprietary noise modelling software.

11.3.31 To respond to government policy and the DMRB HD213/11 approach to assessment based on changes in noise levels, noise contour maps have been calculated for the outdoor noise level in terms of the free-field  $L_{pAeq,16hr}$  scale at a

height of 4m above local ground level. The Figures (11.1-11.4) show the total noise levels in 2038.

- 11.3.32 The details of the prediction results and the assessment of direct and indirect effects are presented in Appendix 11.5.1. The summary tables of noise change specified in HD 213/11 are shown in Appendix 11.5.2.

### **Operational vibration**

- 11.3.33 DMRB HD213/11 requires that the effects of vibration are considered where appropriate. In the case of groundborne vibration, the likelihood of perceptible vibration being caused is particularly dependent upon the smoothness of the road surface. Research has shown that wayside vibration is only caused by heavy vehicles travelling at speed over large discontinuities in the road surface.

- 11.3.34 It is a requirement of new highway construction specification that the surface would be smooth and free from any discontinuities of this magnitude (25mm). Paragraph A5.26 of DMRB HD213/11 states that:

“Such vibrations are unlikely to be important when considering disturbance from new roads and an assessment will only be necessary in exceptional circumstances.”

- 11.3.35 No such exceptional circumstances, such as low vibration laboratories or other facilities requiring very low vibration environments have been identified in the vicinity of the scheme, that are not already in the vicinity of a major highway, and hence no impacts or effects from groundborne vibration from traffic are predicted.

- 11.3.36 DMRB HD213/11 covers the potential for airborne noise from heavy goods vehicles to cause vibration nuisance close to main roads. As an indication of the scale of impact, paragraph A6.21 states that:

“For a given level of noise exposure the percentage of people bothered very much or quite a lot by vibration is 10% lower than the corresponding figure for noise nuisance.”

- 11.3.37 It also notes that airborne vibration is expected to affect a very small percentage of people at exposure levels below  $58\text{dB}_{\text{LpA10,18hr}}$  and the significance of any change in airborne traffic vibration can be considered proportional to the significance of changes in traffic noise. The assessment of airborne vibration can therefore be considered to be included within the assessment of airborne noise.
- Construction Plant Machinery

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## PIER Appendix 11.4 Construction Plant Machinery

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Table 11-2 Construction Plant Machinery

Phase		Noisy Construction Activity	Plant	Sound Power (dBA)	Reference (Defra / BS 5228)	Number of plant items	% On time
1	Site clearance and site enabling works	Grubbing of existing structures	Excavator	106.0	C2.3	1	60%
		Vegetation clearance	Chainsaw	114.0	D2.14	1	25%
		Transporting material	Dumper truck	107.0	C2.30	4	50%
2	Earthworks	Earthworks	Excavator	106.0	C2.3	3	90%
		Earthworks	Excavator with hydraulic breaker	114.0	C5.2	2	80%
		Earthworks	Dumper truck	107.0	C2.30	4	90%
		Transporting material	Tipper Lorry	107.0	C8.20	2	90%
		Earthworks	Compaction /roller	101.0	C2.38	2	80%
3	Structures	Piling	Piling rig	111.0	C.3.14	2	60%
		Pumping Concrete	Concrete pump	118.0	D6.31	3	20%
		Pumping Concrete / assembling / Welding/assembling form work / Transporting material / Lifting beams	Tracked crane	109.0	D6.18	3	50%
4	Drainage	Trenches, ponds, lifting pipes, backfilling with stone	Excavator	106.0	C2.3	3	90%
		Earthworks	Dumper truck	107.0	C2.30	4	90%
		Transporting material	Tipper Lorry	107.0	C8.20	2	90%
5	Pavement surfacing	Road Surfacing	Paving machine	105.0	C5.31	1	80%
		Transporting material	8-wheel lorry	108.0	C2.34	5	50%
		Road Surfacing	Roller - Static	108.0	C.5.19	2	80%
		Road Surfacing	Dump truck	109.0	D3.52	4	80%

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## PIER Appendix 11.5 Assessment Locations and Noise Prediction Results

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### 11.5.1 Operational noise level tables, impacts and effects at receptors

- 11.5.1 The tables in this section show, for each assessment location, the predicted operational noise levels for the baseline scenario without scheme (2023), the contribution from the Scheme only in the future assessment year (2038), and the Scheme and existing local roads (2038). The tables also show the predicted change in noise level in 2038, and the number of residential properties affected.
- 11.5.2 The tables show the type of effect in the future assessment year (2038) associated with the noise change. The different types of effect are defined below in Table 11-3.

**Table 11-3 Effect codes shown in receptor noise result tables**

<b>Code</b>	<b>Type of effect</b>
<b>NA</b>	Generally no adverse effect.
<b>A</b>	Adverse effect in EIA terms.
<b>B</b>	Beneficial effect in EIA terms.
<b>S</b>	Significant observed adverse effect (at or above the SOAEL) – this would apply to properties already at or above SOAEL in the baseline scenario without the Scheme.
<b>S+</b>	Significant observed adverse effect (at or above the SOAEL), and $\geq 1$ dB increase.
<b>S-</b>	Significant observed adverse effect (at or above the SOAEL), but noise reduced by $\geq 1$ dB.
<b>&lt;S-</b>	Below SOAEL with Scheme reduced from a level above SOAEL in baseline year without Scheme.
<b>Direct</b>	At least a 1dB impact at the receptor in the Do Something scenario as a result of traffic noise changes on Scheme roads.
<b>Indirect</b>	At least a 1dB impact at the receptor in the Do Something scenario as a result of traffic noise changes on <u>non</u> -Scheme roads.
<b>-</b>	Negligible impact (<1dB) at the receptor.

Table 11-4 Residential receptor noise results - west of 0+000.000 - 4+000.000

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
11926	BOSCAWEN FARM TR4 8EZ	56.4	48.7	30.4	23.8	54.7	47.1	-1.7	-1.6	NA	-
14789	ROSENOWETH TR4 8EY	56.8	49.1	28.1	20.7	55.8	48.2	-1	-0.9	NA	-
14787	ROSENOWETH THE ANNEXE TR4 8EY	56.1	48.4	27.7	20.1	55.3	47.6	-0.8	-0.8	NA	-
12545	GREENACRES WEST END TR4 8HH	52.9	45.4	0	0	51.2	43.9	-1.7	-1.5	NA	-
14110	PLACE HOUSE TR4 8EY	59.4	51.6	28.1	21.3	60.7	52.8	1.3	1.2	NA	-
14775	EAST COTTAGE WEST END TR4 8HH	54.2	46.6	0	0	52.6	45.1	-1.6	-1.5	NA	-
13415	SNOWDROP COTTAGE TR4 8EY	59.4	51.6	27.4	20.5	60.7	52.8	1.3	1.2	NA	-
12248	CENTRE COTTAGE WEST END TR4 8HH	53.9	46.4	0	0	52.3	44.8	-1.6	-1.6	NA	-
12231	ROSELAND VILLA TR4 8EY	59.5	51.7	27.3	20.7	61.3	53.3	1.8	1.6	NA	-
12157	1 WEST END COTTAGES TR4 8HH	54.1	46.6	0	0	52.5	45	-1.6	-1.6	NA	-
13995	BOSCAWEN COTTAGE TR4 8EZ	65	56.8	30.3	23.6	63.3	55.2	-1.7	-1.6	S-	Indirect
11578	ROSELAND HOUSE TR4 8EY	55.3	47.6	29.4	22.6	53.8	46.3	-1.5	-1.3	NA	-
14666	2 WEST END COTTAGES SUNBEAMS TR4 8HH	54.1	46.6	0	0	52.6	45.1	-1.5	-1.5	NA	-
12866	ELIZABETH COTTAGE WEST END TR4 8HH	53.8	46.3	0	0	52.3	44.8	-1.5	-1.5	NA	-
12036	PENTY CLES WEST END TR4 8HH	54.9	47.3	0	0	53.3	45.8	-1.6	-1.5	NA	-
14808	THE SWALLOWS WHEAL BUSY TR4 8NZ	45.3	38.3	0	0	43.8	36.8	-1.5	-1.5	NA	-
14652	FIRST FLOOR FLAT SYDNEY HOUSE TR4 8HH	55.9	48.3	29.1	22.3	54.8	47.2	-1.1	-1.1	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
12985	SYDNEY HOUSE WEST END TR4 8HH	59.3	51.4	28.9	22.4	61.4	53.5	2.1	2.1	NA	-
12037	SOUTH VIEW WEST END TR4 8EX	57.7	50	24.2	16.1	57.9	50.2	0.2	0.2	NA	-
14592	MELROSE COTTAGE TR4 8EX	58.6	50.8	29	22.6	59.5	51.7	0.9	0.9	NA	-
11566	LEIGHAM FARM WHEAL BUSY TR4 8NU	49.4	42.1	0	0	47.5	40.3	-1.9	-1.8	NA	-
12218	THE WILLOWS COTTINGHAM COTTAGES TR4 8HJ	48.3	41.1	0	0	46.7	39.5	-1.6	-1.6	NA	-
13963	2 MELROY TERRACE WEST END TR4 8EX	57.2	49.4	28.2	21.4	57.2	49.4	0	0	NA	-
11568	LEIGHAM FARM THE ANNEXE WHEAL BUSY TR4 8NU	49.1	41.8	0	0	47.4	40.3	-1.7	-1.5	NA	-
14216	3 MELROY TERRACE WEST END TR4 8EX	57.9	50.2	28.1	21.4	58	50.2	0.1	0	NA	-
11615	4 MELROY TERRACE WEST END TR4 8EX	58.2	50.4	28.1	21.4	58.5	50.7	0.3	0.3	NA	-
11966	ANLABY COTTAGE COTTINGHAM TR4 8HJ	50.2	42.9	0	0	48.7	41.4	-1.5	-1.5	NA	-
12897	PRIMROSE COTTAGE WEST END TR4 8EX	58.2	50.4	28.2	21.6	58.8	51	0.6	0.6	NA	-
12259	HIGHMEADOW HYMEADOW WEST END TR4 8HH	53.7	46.2	0	0	52.2	44.8	-1.5	-1.4	NA	-
12164	DEWETHA WEST END TR4 8EX	58.4	50.6	29	22.5	59.3	51.5	0.9	0.9	NA	-
12192	ROWAN COTTAGE COTTINGHAM COTTAGES TR4 8HJ	50.2	42.9	0	0	48.7	41.4	-1.5	-1.5	NA	-
12837	HOMELEIGH WEST END TR4 8EX	58.5	50.7	29.1	22.6	59.9	52.1	1.4	1.4	NA	-
13859	IVY COTTAGE WEST END TR4 8HH	51.2	43.9	0	0	49.7	42.4	-1.5	-1.5	NA	-
14121	1 THE SYCAMORES WHEAL BUSY TR4 8NU	51.2	43.9	0	0	49.7	42.4	-1.5	-1.5	NA	-
14122	2 THE SYCAMORES WHEAL BUSY TR4 8NU	51.2	43.9	0	0	49.7	42.4	-1.5	-1.5	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
12894	TREVINT WHEAL BUSY TR4 8NT	49.9	42.6	0	0	48.3	41.1	-1.6	-1.5	NA	-
14445	BLANCHLANDS WHEAL BUSY TR4 8NU	55.1	47.5	33.2	25.6	53.4	45.9	-1.7	-1.6	NA	-
14753	TORONTO TR4 8EU	57.3	49.5	29.3	22.7	57.7	50	0.4	0.5	NA	-
14169	7 WICKET WAY TR4 8FQ	54	46.5	29.6	22.7	52.8	45.3	-1.2	-1.2	NA	-
12909	9 WICKET WAY TR4 8FQ	52	44.6	23.5	15.3	50.7	43.3	-1.3	-1.3	NA	-
12029	8 WICKET WAY TR4 8FQ	52.7	45.2	29	21.2	51.3	43.9	-1.4	-1.3	NA	-
14221	10 WICKET WAY TR4 8FQ	51.2	43.9	28.2	21.7	49.9	42.6	-1.3	-1.3	NA	-
12253	1 WICKET WAY TR4 8FQ	56.1	48.4	29.3	22.5	55.8	48.2	-0.3	-0.2	NA	-
12994	2 WICKET WAY TR4 8FQ	55.5	47.9	29.4	22.8	55.3	47.6	-0.2	-0.3	NA	-
13012	6 WICKET WAY TR4 8FQ	53.1	45.6	25	16.3	51.9	44.5	-1.2	-1.1	NA	-
12578	5 WICKET WAY TR4 8FQ	52.9	45.4	24.4	16	51.8	44.4	-1.1	-1	NA	-
11613	4 WICKET WAY TR4 8FQ	52.8	45.3	29.1	21.4	51.8	44.4	-1	-0.9	NA	-
12017	3 WICKET WAY TR4 8FQ	55.3	47.7	29.4	22.7	55	47.4	-0.3	-0.3	NA	-
12920	12 WICKET WAY TR4 8FQ	53.2	45.7	24.9	16.3	51.8	44.4	-1.4	-1.3	NA	-
12922	11 WICKET WAY TR4 8FQ	50.7	43.3	24.2	15.8	49.3	42.1	-1.4	-1.2	NA	-
14093	WHEAL GIMP FARM NORTH HILL TR4 8ES	53.4	45.9	30.5	23.9	51.9	44.5	-1.5	-1.4	NA	-
14784	BRIAR COTTAGE TR4 8HA	58.4	50.6	29.1	22.4	56.8	49.1	-1.6	-1.5	NA	-
14103	THE ANNEXE WHEAL GIMP FARM TR4 8ES	51.8	44.4	30.4	23.6	50.3	43	-1.5	-1.4	NA	-
14166	13 WICKET WAY TR4 8FQ	48.2	41	29.9	23.3	47	39.8	-1.2	-1.2	NA	-
14200	ROCK COTTAGE THE ANNEXE TR4 8EU	58.3	50.5	29.3	22.4	60.2	52.3	1.9	1.8	NA	-
13287	14 WICKET WAY TR4 8FQ	52.7	45.2	25.1	16.7	51.2	43.8	-1.5	-1.4	NA	-
12902	15 WICKET WAY TR4 8FQ	52.7	45.2	25.1	16.6	51.2	43.8	-1.5	-1.4	NA	-
12022	17 WICKET WAY TR4 8FQ	52.9	45.4	29.8	23.1	51.5	44.1	-1.4	-1.3	NA	-
14206	18 WICKET WAY TR4 8FQ	52.8	45.3	29.6	22.8	51.3	43.9	-1.5	-1.4	NA	-
14607	19 WICKET WAY TR4 8FQ	52.8	45.3	29.6	22.9	51.3	43.9	-1.5	-1.4	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
12553	20 WICKET WAY TR4 8FQ	52.9	45.4	29.5	22.7	51.5	44.1	-1.4	-1.3	NA	-
12279	21 WICKET WAY TR4 8FQ	52.6	45.1	23.9	15.6	51.9	44.5	-0.7	-0.6	NA	-
12241	22 WICKET WAY TR4 8FQ	53.8	46.3	29	21.4	52.9	45.4	-0.9	-0.9	NA	-
12574	16 WICKET WAY TR4 8FQ	53.4	45.9	29.9	23.3	52	44.6	-1.4	-1.3	NA	-
12208	ROCK COTTAGE TR4 8EU	57.8	50.1	28.2	20.4	58.9	51.1	1.1	1	NA	-
12583	ACCOMMODATION THE RED LION INN TR4 8EU	60.8	52.9	27.3	19.2	61.3	53.3	0.5	0.4	NA	-
13538	1 BRIAR DENE TR4 8EW	51.2	43.9	0	0	49.7	42.4	-1.5	-1.5	NA	-
14214	LITTLE RETREAT TR4 8EU	62.2	54.2	29	21.7	60.8	52.9	-1.4	-1.3	NA	-
13493	2 BRIAR DENE TR4 8EW	51.2	43.9	0	0	49.7	42.4	-1.5	-1.5	NA	-
11812	3 BRIAR DENE TR4 8EW	52.9	45.4	0	0	51.4	44	-1.5	-1.4	NA	-
14234	ROSE FARMHOUSE TR4 8HA	53.2	45.7	0	0	51.5	44.1	-1.7	-1.6	NA	-
12932	7 CORONATION TERRACE TR4 8SY	66.9	58.6	23.5	15.4	66.2	58	-0.7	-0.6	S	-
12550	6 CORONATION TERRACE TR4 8SY	64.9	56.7	28.9	22	65.6	57.5	0.7	0.8	S	-
12580	5 CORONATION TERRACE TR4 8SY	64.7	56.5	29	22.1	65.6	57.5	0.9	1	S+	Indirect
14648	4 CORONATION TERRACE TR4 8SY	64.6	56.5	29.1	22.2	65.5	57.4	0.9	0.9	S	-
14500	3 CORONATION TERRACE TR4 8SY	64.6	56.5	29.1	22.2	65.5	57.4	0.9	0.9	S	-
14167	2 CORONATION TERRACE TR4 8SY	64.6	56.5	29.1	22.2	65.6	57.5	1	1	S+	Indirect
11975	1 CORONATION TERRACE TR4 8SY	64.6	56.5	29	22	65.6	57.5	1	1	S+	Indirect
13554	WAYSIDE COTTAGE TR4 8EW	58.4	50.6	0	0	57.1	49.3	-1.3	-1.3	NA	-
11601	1 NEWLANDS NORTH HILL TR4 8ES	60.3	52.4	23.7	15.6	59	51.1	-1.3	-1.3	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
13024	2 NORTH HILL TR4 8ES	61.8	53.9	23.8	15.7	60.7	52.8	-1.1	-1.1	NA	-
13811	SUNSET NORTH HILL TR4 8ES	62.4	54.4	29.8	23.1	61.1	53.1	-1.3	-1.3	NA	-
12203	4 NORTH HILL TR4 8ES	61.3	53.3	29.5	22.4	59.8	52	-1.5	-1.3	NA	-
12560	6 NORTH HILL TR4 8ES	63.6	55.6	23.9	15.8	62.2	54.2	-1.4	-1.4	<S-	Indirect
13854	THE LAURELS TR4 8ET	50.8	43.4	29.1	21.8	51.2	43.8	0.4	0.4	NA	-
12918	FOX HOLLOW FOXHOLLOW CARNHOT TR4 8PA	47.7	40.5	24.2	17.7	46.2	39.1	-1.5	-1.4	NA	-
13005	5 NORTH HILL TR4 8ES	60.9	53	28.6	19.4	59.4	51.6	-1.5	-1.4	NA	-
11826	7 NORTH HILL TR4 8ES	62.5	54.5	23.7	15.7	61.1	53.1	-1.4	-1.4	NA	Indirect
11538	LABURNUM COTTAGE TR4 8ET	64.8	56.6	29.4	22.6	65.9	57.7	1.1	1.1	S+	Indirect
14255	LANDSCAPE VIEW TR4 8EW	64.7	56.5	0	0	63.3	55.2	-1.4	-1.3	S-	Indirect
12396	26 HIGH VIEW TR4 8EL	65.4	57.2	24.5	16.1	64	55.9	-1.4	-1.3	S-	Indirect
13797	38 SYMONS CLOSE TR4 8ER	53.6	46.1	29.3	21.9	53.1	45.6	-0.5	-0.5	NA	-
14492	2 SYMONS CLOSE TR4 8ER	54.2	46.6	29.9	23	53	45.5	-1.2	-1.1	NA	-
13715	TREPORT TR4 8EJ	60.1	52.2	24.9	16.6	58.8	51	-1.3	-1.2	NA	-
11781	11 SYMONS CLOSE TR4 8ER	49.8	42.5	28	19.9	48.5	41.2	-1.3	-1.3	NA	-
12829	1 HIGH VIEW TR4 8EL	65.5	57.4	25.3	16.7	64.2	56.1	-1.3	-1.3	S-	Indirect
12491	GREY STABLES TR4 8HJ	56.3	48.6	0	0	54.6	47	-1.7	-1.6	NA	-
14723	LLAMEDOS NORTH HILL TR4 8EP	65.5	57.4	26	17	64.2	56.1	-1.3	-1.3	S-	Indirect
12493	THE ANNEXE GREY STABLES TR4 8HJ	60.4	52.5	0	0	58.9	51.1	-1.5	-1.4	NA	-
14686	12 SYMONS CLOSE TR4 8ER	53.2	45.7	24.3	16	51.7	44.3	-1.5	-1.4	NA	-
14311	37 SYMONS CLOSE TR4 8ER	53.5	46	28.8	20.9	53	45.5	-0.5	-0.5	NA	-
13321	CRESTON NORTH HILL TR4 8EP	63.8	55.7	23.7	15.6	62.5	54.5	-1.3	-1.2	S-	Indirect
13587	12A SYMONS CLOSE TR4 8ER	51.3	43.9	28	19.6	49.8	42.5	-1.5	-1.4	NA	-
14505	MORIA SYMONS CLOSE TR4 8ER	48.8	41.5	29.8	23.2	49.3	42.1	0.5	0.6	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
13577	3 SYMONS CLOSE TR4 8ER	51.7	44.3	24.5	16.2	50.6	43.2	-1.1	-1.1	NA	-
14565	25 HIGH VIEW TR4 8EL	55.2	47.5	24.5	16.1	53.8	46.3	-1.4	-1.2	NA	-
11607	1 SOUTH VIEW TERRACE TR4 8EJ	53.2	45.7	29	20.8	51.7	44.3	-1.5	-1.4	NA	-
12841	2 HIGH VIEW TR4 8EL	55.1	47.5	24.3	16	53.6	46.1	-1.5	-1.4	NA	-
14478	10 SYMONS CLOSE TR4 8ER	49.7	42.4	27	18.3	48.3	41.1	-1.4	-1.3	NA	-
14602	THE OLD STABLES BOTTOM FLAT TR4 8ET	57.6	49.9	28.5	20.8	58.1	50.3	0.5	0.4	NA	-
12059	24 HIGH VIEW TR4 8EL	51.9	44.5	30.8	23.5	50.6	43.2	-1.3	-1.3	NA	-
12466	2 SOUTH VIEW TERRACE TR4 8EJ	51.8	44.4	28.7	20.2	50.3	43	-1.5	-1.4	NA	-
12173	36 SYMONS CLOSE TR4 8ER	53.4	45.9	27.5	19.1	52.8	45.3	-0.6	-0.6	NA	-
11999	9 SYMONS CLOSE TR4 8ER	49.5	42.2	24.8	16.5	48	40.8	-1.5	-1.4	NA	-
11650	14 SYMONS CLOSE TR4 8ER	50.9	43.5	27.7	19.3	49.3	42.1	-1.6	-1.4	NA	-
13819	SHIPPEN LODGE TR4 8ET	56.4	48.7	28	19.8	57	49.3	0.6	0.6	NA	-
14292	4 SYMONS CLOSE TR4 8ER	50	42.7	29.7	22.3	48.9	41.6	-1.1	-1.1	NA	-
13933	NORTH HILL HOUSE TR4 8EP	57.1	49.3	24.5	16.1	55.7	48.1	-1.4	-1.2	NA	-
12770	3 SOUTH VIEW TERRACE TR4 8EJ	50.7	43.3	29.1	21	49.3	42.1	-1.4	-1.2	NA	-
13524	3 HIGH VIEW TR4 8EL	52.1	44.7	24	15.9	50.6	43.2	-1.5	-1.5	NA	-
13598	MOOR COTTAGE TR4 8ET	59.2	51.3	27.8	20.4	60.3	52.4	1.1	1.1	NA	-
11671	8 SYMONS CLOSE TR4 8ER	48.4	41.2	26.9	18.4	47	39.8	-1.4	-1.4	NA	-
14624	35 SYMONS CLOSE TR4 8ER	53.3	45.8	26.7	18.2	52.8	45.3	-0.5	-0.5	NA	-
12009	4 SOUTH VIEW TERRACE TR4 8EJ	49.6	42.3	27.6	19.2	48.3	41.1	-1.3	-1.2	NA	-
13720	23 HIGH VIEW TR4 8EL	51	43.6	30.9	23.7	49.5	42.2	-1.5	-1.4	NA	-
12294	THE NOOK TR4 8ET	65.2	57	29.6	23.2	66.3	58.1	1.1	1.1	S+	Indirect

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		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
12431	15 SYMONS CLOSE TR4 8ER	50.4	43	26.1	17.5	48.9	41.6	-1.5	-1.4	NA	-
13572	4 HIGH VIEW TR4 8EL	50.5	43.1	27.3	18.7	49.1	41.8	-1.4	-1.3	NA	-
14712	5 SYMONS CLOSE TR4 8ER	49.6	42.3	26.9	18.4	48.5	41.2	-1.1	-1.1	NA	-
14708	5 SOUTH VIEW TERRACE TR4 8EJ	49.2	42	26.6	18.1	47.9	40.7	-1.3	-1.3	NA	-
13180	34 SYMONS CLOSE TR4 8ER	56.2	48.5	29.1	21.2	56.6	48.9	0.4	0.4	NA	-
14309	6 SOUTH VIEW TERRACE TR4 8EJ	49.2	41.9	28.6	20.2	47.9	40.7	-1.3	-1.2	NA	-
14054	7 SYMONS CLOSE TR4 8ER	48.3	41.1	24.9	16.6	46.9	39.7	-1.4	-1.4	NA	-
14536	22 HIGH VIEW TR4 8EL	51.1	43.7	31.1	24.1	49.6	42.3	-1.5	-1.4	NA	-
12970	IVY COTTAGE CARNHOT TR4 8HB	59.8	52	26.7	19.9	58.1	50.3	-1.7	-1.7	NA	-
14516	5 HIGH VIEW TR4 8EL	50.2	42.9	26.1	17.6	48.8	41.5	-1.4	-1.4	NA	-
13168	16 SYMONS CLOSE TR4 8ER	50.8	43.4	26.4	17.8	49.2	42	-1.6	-1.4	NA	-
13045	6 SYMONS CLOSE TR4 8ER	51.6	44.2	30	23.2	51.1	43.7	-0.5	-0.5	NA	-
14509	17 SYMONS CLOSE TR4 8ER	51.2	43.8	26.4	17.8	49.6	42.3	-1.6	-1.5	NA	-
13559	21 OVERDALE HIGH VIEW TR4 8EL	51.2	43.8	29.7	21.5	49.6	42.3	-1.6	-1.5	NA	-
14006	1 HIGH VIEW CRESCENT TR4 8EN	50.1	42.8	24	15.9	48.7	41.4	-1.4	-1.4	NA	-
14028	3 HIGH VIEW CRESCENT TR4 8EN	50.8	43.4	24.4	16.1	49.2	42	-1.6	-1.4	NA	-
12045	DENVERLY SOUTH VIEW TERRACE TR4 8EH	49.3	42.1	28.1	19.5	48.1	40.9	-1.2	-1.2	NA	-
13512	18 SYMONS CLOSE TR4 8ER	51.2	43.8	26.4	17.8	49.7	42.4	-1.5	-1.4	NA	-
13267	5 HIGH VIEW CRESCENT TR4 8EN	50.9	43.5	24.8	16.4	49.4	42.1	-1.5	-1.4	NA	-
12999	20 HIGH VIEW TR4 8EL	51.2	43.9	30.5	23.7	49.7	42.4	-1.5	-1.5	NA	-
11793	24 SYMONS CLOSE TR4 8ER	59.3	51.5	29.5	22.6	60	52.1	0.7	0.6	NA	-
12450	TREDENWYN SOUTH VIEW TERRACE TR4 8EH	49.5	42.2	28	19.8	48.2	41	-1.3	-1.2	NA	-
14258	23 SYMONS CLOSE TR4 8ER	53.5	46	30.3	23.5	53.4	45.9	-0.1	-0.1	NA	-
12767	19 HIGH VIEW TR4 8EL	51.2	43.8	31.5	24.6	49.6	42.3	-1.6	-1.5	NA	-



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		Day	Night	Day	Night	Day	Night	Day	Night		
11543	2 HIGH VIEW CRESCENT TR4 8EN	49.1	41.8	24.2	16	47.5	40.3	-1.6	-1.5	NA	-
14081	19 SYMONS CLOSE TR4 8ER	50.9	43.5	28.7	21.7	49.7	42.4	-1.2	-1.1	NA	-
12526	4 HIGH VIEW CRESCENT TR4 8EN	49.2	41.9	30.5	22.6	47.7	40.5	-1.5	-1.4	NA	-
11661	3 PASSMORE CLOSE TR4 8JL	59.9	52.1	29.9	23.2	60.6	52.7	0.7	0.6	NA	-
13294	7 HIGH VIEW CRESCENT TR4 8EN	49.9	42.6	24.3	16.1	48.5	41.2	-1.4	-1.4	NA	-
12408	22 SYMONS CLOSE TR4 8ER	50.6	43.2	24.7	16.5	49.8	42.5	-0.8	-0.7	NA	-
11857	21 SYMONS CLOSE TR4 8ER	48.4	41.2	30.5	23.5	47.2	40.1	-1.2	-1.1	NA	-
13468	RAILWAY VIEW FARM CARNHOT TR4 8PA	50.7	43.3	19.6	13.3	49.1	41.8	-1.6	-1.5	NA	-
12538	4 PASSMORE CLOSE TR4 8JL	52.4	44.9	26.9	18.4	52.3	44.8	-0.1	-0.1	NA	-
14547	6 HIGH VIEW CRESCENT TR4 8EN	50	42.7	24.8	16.4	48.5	41.2	-1.5	-1.5	NA	-
14739	2 PASSMORE CLOSE TR4 8JL	60.2	52.3	29.8	23.2	60.9	53	0.7	0.7	NA	-
12938	1 SUNNY SIDE COTTAGES SUNNYSIDE TR4 8EH	50.8	43.4	27	18.4	49.3	42.1	-1.5	-1.3	NA	-
12297	18 HIGH VIEW TR4 8EL	50.8	43.4	31.4	24.2	49.3	42.1	-1.5	-1.3	NA	-
13210	5 PASSMORE CLOSE TR4 8JL	52.9	45.4	24.6	16.5	52.7	45.2	-0.2	-0.2	NA	-
11556	1 PASSMORE CLOSE TR4 8JL	59.7	51.9	29.8	23.2	60.4	52.5	0.7	0.6	NA	-
14454	2 SUNNY SIDE COTTAGES SUNNYSIDE TR4 8EH	51.2	43.8	26.8	18.3	49.7	42.4	-1.5	-1.4	NA	-
14733	6 HIGH VIEW TR4 8EL	48.9	41.6	25.8	17.3	47.3	40.2	-1.6	-1.4	NA	-
14631	3 SUNNY SIDE COTTAGES SUNNYSIDE TR4 8EH	51.3	43.9	26.8	18.2	49.8	42.5	-1.5	-1.4	NA	-
12429	8 HIGH VIEW CRESCENT TR4 8EN	48.9	41.6	29.3	20.8	47.4	40.3	-1.5	-1.3	NA	-
13912	9 HIGH VIEW CRESCENT TR4 8EN	48.3	41.1	29.9	21.9	46.9	39.7	-1.4	-1.4	NA	-
13846	6 PASSMORE CLOSE TR4 8JL	53.7	46.2	30.1	23.2	53.5	46	-0.2	-0.2	NA	-
13188	4 SUNNY SIDE COTTAGES SUNNYSIDE TR4 8EH	51.5	44.1	26.6	18	50	42.7	-1.5	-1.4	NA	-
11510	STATION VIEW CARNHOT TR4 8PA	47.1	39.9	22.5	15.2	45.4	38.4	-1.7	-1.5	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
12570	8 PASSMORE CLOSE TR4 8JL	50.4	43	30.3	23.3	49.5	42.2	-0.9	-0.8	NA	-
14106	7 PASSMORE CLOSE TR4 8JL	50.5	43.1	30.3	23.3	49.7	42.4	-0.8	-0.7	NA	-
13696	11 HIGH VIEW CRESCENT TR4 8EN	47.4	40.3	24.7	16.4	46	38.9	-1.4	-1.4	NA	-
14037	17 HIGH VIEW TR4 8EL	50.4	43	31.4	24.4	49	41.7	-1.4	-1.3	NA	-
11846	12 HIGH VIEW CRESCENT TR4 8EN	49.6	42.3	31.8	24.7	48.2	41	-1.4	-1.3	NA	-
12536	SUNNY SIDE HOUSE SUNNYSIDE HOUSE TR4 8EQ	51.6	44.2	28.7	21.5	50.2	42.9	-1.4	-1.3	NA	-
13826	9 PASSMORE CLOSE TR4 8JL	50.9	43.5	29.1	21	50	42.7	-0.9	-0.8	NA	-
12131	10 HIGH VIEW CRESCENT TR4 8EN	48.4	41.2	32.1	25.1	47.1	39.9	-1.3	-1.3	NA	-
12461	10 PASSMORE CLOSE TR4 8JL	51	43.6	29	20.7	50.1	42.8	-0.9	-0.8	NA	-
13927	16 HIGH VIEW TR4 8EL	50.8	43.4	31.6	24.9	49.2	42	-1.6	-1.4	NA	-
13056	11 PASSMORE CLOSE TR4 8JL	50.9	43.5	28.9	20.3	50	42.7	-0.9	-0.8	NA	-
13207	15 HIGH VIEW CRESCENT TR4 8EN	48.2	41	28.7	20.2	46.7	39.5	-1.5	-1.5	NA	-
14556	23 PASSMORE CLOSE TR4 8JL	57.7	50	30	23.2	58.1	50.3	0.4	0.3	NA	-
12004	22 PASSMORE CLOSE TR4 8JL	57.8	50.1	30	23.2	58.2	50.4	0.4	0.3	NA	-
12081	12 PASSMORE CLOSE TR4 8JL	50.7	43.3	27.7	19	49.8	42.5	-0.9	-0.8	NA	-
11799	21 PASSMORE CLOSE TR4 8JL	57.4	49.7	30.1	23.2	57.8	50.1	0.4	0.4	NA	-
12347	14 PASSMORE CLOSE TR4 8JL	50.5	43.1	28.8	20.4	49.7	42.4	-0.8	-0.7	NA	-
14530	15 HIGH VIEW TR4 8EL	48.7	41.4	30.8	24	47.4	40.3	-1.3	-1.1	NA	-
14300	20 PASSMORE CLOSE TR4 8JL	57.6	49.9	29.9	23.1	58	50.2	0.4	0.3	NA	-
13747	17 HIGH VIEW CRESCENT TR4 8EN	48.4	41.2	32	24.7	47	39.8	-1.4	-1.4	NA	-
11638	15 PASSMORE CLOSE TR4 8JL	50.2	42.9	28	19.4	49.3	42.1	-0.9	-0.8	NA	-
13260	19 PASSMORE CLOSE TR4 8JL	44.8	37.7	30.1	23.1	44.1	37.1	-0.7	-0.6	NA	-
12277	16 PASSMORE CLOSE TR4 8JL	50	42.7	29.1	20.5	49.2	41.9	-0.8	-0.8	NA	-
14697	CANFORD RISE TR4 8EQ	52.2	44.8	30.7	23.1	50.7	43.3	-1.5	-1.5	NA	-
12092	TREGARTHEN TR4 8HN	51.4	44	4.2	0	49.9	42.6	-1.5	-1.4	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
14270	18 PASSMORE CLOSE TR4 8JL	57.3	49.6	29.8	22.8	57.6	49.9	0.3	0.3	NA	-
12513	17 PASSMORE CLOSE TR4 8JL	49.7	42.4	28.3	19.6	48.8	41.5	-0.9	-0.9	NA	-
12515	19 HIGH VIEW CRESCENT TR4 8EN	47.9	40.7	31.7	24.3	46.7	39.5	-1.2	-1.2	NA	-
12143	14 HIGH VIEW TR4 8EL	50.6	43.2	30.7	23.8	49.2	42	-1.4	-1.2	NA	-
13731	CHI LOWEN TR4 8EQ	50.5	43.1	30.1	22.5	49.1	41.8	-1.4	-1.3	NA	-
12504	21 HIGH VIEW CRESCENT TR4 8EN	50.1	42.8	30	22.5	48.7	41.4	-1.4	-1.4	NA	-
11775	THE OLD CHAPEL TR4 8EQ	49.2	41.9	25.5	17.2	48.3	41.1	-0.9	-0.8	NA	-
11817	THE OLD SUNDAY SCHOOL TR4 8EQ	55.1	47.5	29.6	21.8	55	47.4	-0.1	-0.1	NA	-
13280	12 HIGH VIEW TR4 8EL	50	42.7	31.9	25.2	48.9	41.6	-1.1	-1.1	NA	-
12311	THE GRANGE TR4 8EQ	49.8	42.5	31.9	25.2	48.7	41.4	-1.1	-1.1	NA	-
14174	CARNHOT FARM HOUSE CARNHOT FARMHOUSE TR4 8HB	58.4	50.6	25	17	56.8	49.1	-1.6	-1.5	NA	-
14485	GLENMORE TR4 8EQ	51.7	44.3	27.1	18.5	50.3	43	-1.4	-1.3	NA	-
11801	1 CHAPEL VILLAS TR4 8EQ	50.5	43.1	29.4	22.3	49.7	42.4	-0.8	-0.7	NA	-
13870	THE CHALET CARNHOT FARMHOUSE TR4 8HB	59.7	51.9	28.9	22.3	58	50.2	-1.7	-1.7	NA	-
14591	7 HIGH VIEW TR4 8EL	49.3	42.1	31.4	23.2	48	40.8	-1.3	-1.3	NA	-
14288	2 CHAPEL VILLAS TR4 8EQ	51.1	43.7	30.3	23.6	50.2	42.9	-0.9	-0.8	NA	-
11833	11 HIGH VIEW TR4 8EL	50.8	43.4	32.2	25.6	49.6	42.3	-1.2	-1.1	NA	-
12443	1A CHAPEL VILLAS ROSEBRIAR TR4 8EQ	50.7	43.3	30.3	23.4	49.9	42.6	-0.8	-0.7	NA	-
13481	TRECOOSE TR4 8EQ	56.3	48.6	24.8	16.8	56.4	48.7	0.1	0.1	NA	-
13165	8 HIGH VIEW TR4 8EL	49.6	42.3	32.8	26	48.3	41.1	-1.3	-1.2	NA	-
14137	TWO BURROW FARM TWO BURROWS FARM TR4 8HN	51.2	43.9	33.8	27.1	49.9	42.6	-1.3	-1.3	NA	-
13947	GLENCREST TR4 8EQ	52.3	44.8	31.8	25.1	51.2	43.8	-1.1	-1	NA	-
13521	SIMLA TR4 8EQ	56.3	48.6	24.7	16.7	56.5	48.8	0.2	0.2	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
12336	BRAMBLE WOOD TR4 8HN	50.1	42.8	33.1	26.4	49	41.7	-1.1	-1.1	NA	-
14568	10 HIGH VIEW TR4 8EL	51	43.6	32.4	25.8	49.9	42.6	-1.1	-1	NA	-
12804	ACCOMMODATION POST OFFICE TR4 8EG	57.1	49.3	24.3	16.5	57.5	49.8	0.4	0.5	NA	-
13201	9 HIGH VIEW TR4 8EL	50	42.7	32.6	25.9	49	41.7	-1	-1	NA	-
13496	BON ACCORD TR4 8EQ	49.3	42.1	30.3	23.6	48.8	41.5	-0.5	-0.6	NA	-
11583	1A THE OLD MILL EAST HILL TR4 8EG	63.7	55.7	29.4	21.8	64.8	56.6	1.1	0.9	S+	Indirect
14612	KAIMAI TR4 8EQ	50.1	42.8	30.2	23.5	49.5	42.2	-0.6	-0.6	NA	-
14769	CARNHOT HOUSE TR4 8HB	59.1	51.2	28.8	21.4	57.4	49.7	-1.7	-1.5	NA	-
14325	THE BARN EAST HILL TR4 8EG	58.5	50.7	29.2	21.6	59.4	51.6	0.9	0.9	NA	-
11992	CARNHOT STABLES CARNHOT FARM STABLES TR4 8HB	54.6	47	26.5	18.2	53	45.5	-1.6	-1.5	NA	-
14552	1 EAST LYNNE COTTAGES EAST HILL TR4 8EG	63.8	55.7	26.8	18.4	64.9	56.7	1.1	1	S+	Indirect
12307	WHEELGATE COTTAGE WHEALGATE COTTAGE EAST HILL TR4 8EG	62.2	54.2	28.2	19.6	63.3	55.2	1.1	1	S+	Indirect
13155	2 EAST LYNNE COTTAGES EAST HILL TR4 8EG	64.7	56.5	27	18.6	65.7	57.5	1	1	S+	Indirect
12853	THE FLAT CARNHOT FARMHOUSE TR4 8HB	56.5	48.8	29	21.4	55	47.4	-1.5	-1.4	NA	-
12063	THE ANCHORAGE EAST HILL TR4 8EG	53.7	46.2	30.1	23.3	54.1	46.6	0.4	0.4	NA	-
12077	3 EAST LYNNE COTTAGES EAST HILL TR4 8EG	65	56.8	29.8	22.9	65.9	57.7	0.9	0.9	S	-
14469	BRYHER EAST HILL TR4 8EG	52	44.6	30.2	23.4	52.2	44.8	0.2	0.2	NA	-
13345	THE ANNEXE SUNNY COTTAGE TR4 8HB	62.7	54.7	28	20.6	61	53	-1.7	-1.7	NA	Indirect
13337	SUNNY COTTAGE CARNHOT TR4 8HB	61.1	53.1	28	20.5	59.4	51.6	-1.7	-1.5	NA	-
11653	THE GLADE TR4 8EQ	51.8	44.4	31.2	24.6	51	43.6	-0.8	-0.8	NA	-

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		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
12273	CARNHOT FARM TR4 8PA	52.3	44.8	31	23.7	50.8	43.4	-1.5	-1.4	NA	-
13837	CARNHOT FARM TR4 8HB	55.1	47.5	25.6	17.6	53.9	46.4	-1.2	-1.1	NA	-
14073	PENCARN HOUSE CARNHOT TR4 8HB	56.8	49.1	30.4	23.5	55.3	47.6	-1.5	-1.5	NA	-
12979	2 CARNHOT TR4 8PA	49.6	42.3	25.3	17	48	40.8	-1.6	-1.5	NA	-
11906	HOUSE TR4 8HN	49.7	42.4	17.1	10.7	48.1	40.9	-1.6	-1.5	NA	-
14746	2 LITTLE CARNHOT FARM COTTAGE TR4 8HB	53.6	46.1	14.6	7.3	52	44.6	-1.6	-1.5	NA	-
14183	OLD THATCHERS COTTAGE CARNHOT TR4 8HB	51.4	44	10.6	2.9	49.8	42.5	-1.6	-1.5	NA	-
14664	1 LITTLE CARNHOT FARM COTTAGE TR4 8HB	51.7	44.3	23.9	16.2	50.1	42.8	-1.6	-1.5	NA	-
12116	HOLLY GROVE EAST HILL TR4 8EG	58.6	50.8	32.1	25.3	59.4	51.6	0.8	0.8	NA	-
12084	MYRTLE COTTAGE EAST HILL TR4 8EG	66.3	58.1	30.6	22.3	67.4	59.2	1.1	1.1	S+	Indirect
12935	THE ANNEXE GROVE FARM TR4 8EG	48	40.8	27.4	19.1	47.7	40.5	-0.3	-0.3	NA	-
14398	GROVE FARM EAST HILL TR4 8EG	53.6	46.1	32.8	25.9	53.8	46.3	0.2	0.2	NA	-
11889	TWO BURROW COTTAGE TWO BURROWS COTTAGE TR4 8HN	50	42.7	33.1	24.3	48.8	41.5	-1.2	-1.2	NA	-
12198	CARN MEADOW CARNHOT TR4 8HB	71.2	62.7	35.8	27.7	69.4	61	-1.8	-1.7	S-	Indirect
12183	CARNHOT COTTAGE TR4 8HB	67.5	59.3	37.4	28.8	65.9	57.7	-1.6	-1.6	S-	Indirect
14001	FIRVIEW FARMHOUSE FAIR VIEW FARM HOUSE EAST HILL TR4 8EG	63.5	55.5	30.8	22.1	64.5	56.4	1	0.9	S+	Indirect
13666	LANTEAGUE TR4 8HN	50.8	43.4	35.6	28.6	49.3	42.1	-1.5	-1.3	NA	-
13673	THE KNOLL TR4 8HN	48.6	41.3	34.7	27.8	47.2	40	-1.4	-1.3	NA	-

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		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
11978	TREVALE FARM CARNHOT TR4 8HB	56.3	48.6	13.4	5.7	54.6	47	-1.7	-1.6	NA	-
14358	SARNIA TR4 8HN	50.4	43	37.3	30.3	49.1	41.8	-1.3	-1.2	NA	-
13655	HILLCREST TR4 8HN	49.8	42.5	36.9	29.7	48.7	41.4	-1.1	-1.1	NA	-
14238	MOUNT PLEASANT FARM TR4 8PA	47.1	39.9	36.9	29.3	45.7	38.6	-1.4	-1.3	NA	-
13700	ACLAND VILLA EAST HILL TR4 8HP	57.7	50	43.8	35.4	56.6	48.9	-1.1	-1.1	NA	-
13704	ACLAND VILLA THE ANNEXE EAST HILL TR4 8HP	59.2	51.3	45.1	36.9	57.8	50.1	-1.4	-1.2	NA	-
14272	THE COTTAGE EAST HILL TR4 8HP	61	53	46.1	38.2	59.7	51.9	-1.3	-1.1	NA	-
13640	HILL VIEW EAST HILL TR4 8HW	50.9	43.5	37.7	30.6	50.2	42.9	-0.7	-0.6	NA	-
13871	THREE BRIDGES EDUCATION SCHOOL TR4 8HP	58.2	50.4	40	32	58.7	50.9	0.5	0.5	NA	-
13886	THE FIRS EAST HILL TR4 8HP	58.5	50.7	36.8	28.4	59.4	51.6	0.9	0.9	NA	-
12685	HIGHLANDS EAST HILL TR4 8HW	53.2	45.7	39.1	31.3	53.7	46.2	0.5	0.5	NA	-
14385	MEADOWSIDE EAST HILL TR4 8HW	58.6	50.8	39.8	32.2	59.3	51.4	0.7	0.6	NA	-
11738	GRANSTON COTTAGE EAST HILL TR4 8HW	49	41.7	32.6	23.3	47.7	40.5	-1.3	-1.2	NA	-
13794	GRANSTON EAST HILL TR4 8HW	49.1	41.8	34	25	47.8	40.6	-1.3	-1.2	NA	-
12154	LYNDEN HOUSE LYNDON HOUSE EAST HILL TR4 8HW	55.7	48.1	32.3	23.4	60.1	52.2	4.4	4.1	A	Indirect
11916	EAST HILL FARM TR4 8HW	60	52.1	39.4	31.3	60	52.1	0	0	NA	-
12670	CHY-KERENZA CHY KARENZA EAST HILL TR4 8HW	52.5	45	41.3	33.2	54.2	46.6	1.7	1.6	NA	-
13959	TREVARGH EAST HILL TR4 8HW	61.3	53.4	41.1	33.2	61.2	53.2	-0.1	-0.2	NA	-
13535	HOLLY FARM THREE BURROWS TR4 8HU	52.2	44.8	41.6	34.3	50.5	43.1	-1.7	-1.7	NA	-
14153	ACLAND FARM ACKLAND FARM EAST HILL TR4 8HP	65.6	57.5	39.6	31.5	65.4	57.2	-0.2	-0.3	S	-

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		Day	Night	Day	Night	Day	Night	Day	Night		
14088	HOLLY COTTAGE THREE BURROWS TR4 8HU	54.1	46.6	41.8	34.4	52.3	44.8	-1.8	-1.8	NA	-
12385	CHIVERTON PARK CHIVERTON CROSS TR4 8HS	51.2	43.9	36.1	26.8	53.9	46.4	2.7	2.5	NA	-
14346	GRAYCOTT GREYCOT EAST HILL TR4 8HW	50	42.7	36.9	28	50.5	43.1	0.5	0.4	NA	-
13683	THE OLD CHAPEL FLAT 5 THREE BURROWS TR4 8HU	59	51.1	38.7	29.3	57.2	49.4	-1.8	-1.7	NA	-
12953	THE ANNEXE KEA FARM TR4 8HU	58.7	50.9	41.8	34	56.7	49	-2	-1.9	NA	-
12954	KEA FARM THREE BURROWS TR4 8HU	58.7	50.9	41.9	34	56.8	49.1	-1.9	-1.8	NA	-
12498	PRIMROSE FARM THREE BURROWS TR4 8HU	52.4	44.9	41.5	34.1	50.7	43.3	-1.7	-1.6	NA	-
11896	CARAVAN 5 TREVARTH HOLIDAY PARK TR4 8HR	54.5	46.9	41.7	32.9	53.6	46.1	-0.9	-0.8	NA	-
13119	ACLAND FARM COTTAGE ACKLAND FARM COTTAGE THREE BURROWS TR4 8HU	58.3	50.5	48.6	39.4	56.1	48.4	-2.2	-2.1	NA	-
13907	SPRINGFIELD THREE BURROWS TR4 8HU	57.9	50.2	44.1	36.1	55.7	48.1	-2.2	-2.1	NA	-
10600	STANLEY FARM TR4 8HX	49.6	42.3	40.5	33.2	48.4	41.2	-1.2	-1.1	NA	-
13943	FERN COTTAGE THREE BURROWS TR4 8HU	52.3	44.8	41.5	33.2	50.8	43.4	-1.5	-1.4	NA	-
13899	GLENMOOR THREE BURROWS TR4 8HU	53.9	46.4	44.7	36.6	51.8	44.4	-2.1	-2	NA	-
11861	BRYANNACK BRYANNICK TR4 8HG	53.8	46.3	14.5	6.3	54.8	47.2	1	0.9	NA	-
12101	BURRA BURRA FARM THREE BURROWS TR4 8HU	64.9	56.7	41.4	31.9	63.3	55.2	-1.6	-1.5	S-	Indirect
13083	COSTESSEY THREE BURROWS TR4 8HU	59.7	51.9	49.2	40.6	57.4	49.7	-2.3	-2.2	NA	-
13330	TYWARNHAYLE TR4 8HG	51.7	44.3	14.4	5.7	52.7	45.2	1	0.9	NA	-
14404	CHY-AN-GODOLGHYN THREE BURROWS TR4 8HU	63.4	55.4	56.2	46.6	61.5	53.6	-1.9	-1.8	<S-	Indirect

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		Day	Night	Day	Night	Day	Night	Day	Night		
14147	TREVELO FARM TR4 8HX	50.5	43.1	42.2	33.6	49	41.7	-1.5	-1.4	NA	-
13375	TREVELO COTTAGE TR4 8HX	51.6	44.2	43.4	35.2	50	42.7	-1.6	-1.5	NA	-
12667	HALDENE CHIVERTON CROSS TR4 8HS	59.5	51.7	47.2	39.1	59.7	51.9	0.2	0.2	NA	-
13443	CLEDMA CHIVERTON CROSS TR4 8HS	64.5	56.4	51	42.2	64.2	56.1	-0.3	-0.3	S	-
13780	COLLINGWOOD CHIVERTON CROSS TR4 8HS	65.1	56.9	53	44.2	64.8	56.6	-0.3	-0.3	S	-
14341	RUBY HOUSE THREE BURROWS TR4 8HU	56.1	48.4	48.9	39.7	54.6	47	-1.5	-1.4	NA	-
12353	RUBY FARM HOUSE THREE BURROWS TR4 8HU	52.2	44.8	45.4	36.6	51.3	43.9	-0.9	-0.9	NA	-
12172	ACCOMMODATION CHIVERTON ARMS TR4 8HS	57.3	49.5	47.6	39.1	57.3	49.5	0	0	NA	-
12647	GREENWAYS CHIVERTON CROSS TR4 8HS	60.8	52.9	45.9	37.6	60.9	53	0.1	0.1	NA	-
12653	SUNNYSIDE CHIVERTON CROSS TR4 8HS	60.8	52.9	48.4	39.9	60.7	52.8	-0.1	-0.1	NA	-
12607	ROSE COTTAGE TR4 8HX	52.6	45.1	44.9	36.8	51.3	43.9	-1.3	-1.2	NA	-
11875	BURROW FARMHOUSE CHIVERTON CROSS TR4 8HS	59.9	52.1	57.2	47.8	58.2	50.4	-1.7	-1.7	NA	-
10597	ACLAND COTTAGE TR4 8HX	52.5	45	43.2	35.6	52.5	45	0	0	NA	-
12610	RUBY COTTAGE THREE BURROWS TR4 8HU	63.6	55.6	54.8	45.7	63.8	55.7	0.2	0.1	S	-
13368	HIGHFIELD HIGHFIELDS TR4 8HT	68.3	60	66	55	66.7	58.4	-1.6	-1.6	S-	Indirect
13359	THE ANNEXE HIGHFIELDS TR4 8HT	68.9	60.5	67.5	57.3	68.3	60	-0.6	-0.5	S	-
11210	BARTON FARM PENSTRAZE TR4 8HY	50.9	43.5	39.7	32.6	50.9	43.5	0	0	NA	-
13407	SILVONY ALWAYS SILVONY-ALWAYS SILVERWELL TR4 8JJ	45.3	38.3	45.8	37.5	47	39.8	1.7	1.5	NA	-
13636	THE STABLES THE OLD VICARAGE TR4 8HS	52	44.6	51.2	42.5	51.8	44.4	-0.2	-0.2	NA	-



Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
13638	THE OLD VICARAGE CHIVERTON CROSS TR4 8HS	45.3	38.3	43.7	34	46.3	39.2	1	0.9	NA	-
13624	OLD VICARAGE COURT CHIVERTON CROSS TR4 8HS	44.9	37.8	43.2	33.6	45.8	38.7	0.9	0.9	NA	-
10649	ACLAND HOUSE TR4 8HX	65.4	57.2	45.8	38	65.5	57.4	0.1	0.2	S	-
13086	THE COACH HOUSE OLD VICARAGE COURT TR4 8HS	51.2	43.8	50.9	42.1	51.2	43.9	0	0.1	NA	-
11154	THE CARAVAN HARTLEY HOUSE TR4 8HT	60.7	52.8	45	36.6	60.9	53	0.2	0.2	NA	-
13622	CHIVERTON HOUSE CHIVERTON CROSS TR4 8HS	51.3	43.9	52.1	43.7	52.5	45	1.2	1.1	NA	-
10271	HARTLEY COTTAGE TR4 8HT	56.4	48.7	40.2	30.7	56.7	49	0.3	0.3	NA	-
13398	BRYANNACK LODGE SILVERWELL TR4 8JQ	47.4	40.3	47.8	40.2	48.5	41.2	1.1	0.9	NA	-
9752	HARTLEY FARM HARTLEYS FARM TR4 8HT	56.3	48.6	49.3	41.3	55.6	48	-0.7	-0.6	NA	-
14332	THE BUNGALOW TR4 8JQ	46.3	39.2	46.3	38.5	47.1	39.9	0.8	0.7	NA	-
14329	THE ANNEXE TR4 8JQ	46.8	39.6	47	39.1	47.6	40.4	0.8	0.8	NA	-
14355	THE GATEHOUSE CHIVERTON CROSS TR4 8HS	45.8	38.7	45.9	36.1	47	39.8	1.2	1.1	NA	-
12707	CHILTON HOUSE SILVERWELL TR4 8GH	48.1	40.9	49.6	42	50	42.7	1.9	1.8	NA	-
13383	WINDMILL VIEW CHILTON HOUSE TR4 8GH	48.1	40.9	49.8	42.1	50	42.7	1.9	1.8	NA	-
11736	TYACK CHILTON HOUSE TR4 8GH	48.2	41	49.8	42.2	50.1	42.8	1.9	1.8	NA	-
13127	HONEYPOT BARN CHILTON HOUSE TR4 8GH	43.1	36.1	45.4	37.2	45.9	38.8	2.8	2.7	NA	-
13382	BRYNOR CHILTON HOUSE TR4 8GH	48.2	41	49.8	42.2	50.1	42.8	1.9	1.8	NA	-
13424	SILVERDENE BARTON SILVERWELL TR4 8JQ	46.2	39.1	46.1	38.5	46.6	39.4	0.4	0.3	NA	-
14817	SILVERSPRINGS SILVER SPRINGS FARM CHIVERTON CROSS TR4 8SR	53.9	46.4	53.5	44.8	53.6	46.1	-0.3	-0.3	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
10698	BOSVISACK FARM TR4 8HZ	55.8	48.2	42	34.4	56.1	48.4	0.3	0.2	NA	-
12728	GREENACRES FARM SILVERWELL TR4 8JH	45.1	38	46	38.5	46.6	39.4	1.5	1.4	NA	-
13388	RIDING & DRIVING FOR THE DISABLED CARAVAN RIDING FOR THE DISABLED SILVERWELL TR4 8JQ	48.9	41.6	51.8	44	51.8	44.4	2.9	2.8	NA	-
11754	THE BARN SILVER SPRINGS FARM TR4 8SR	51.9	44.5	52.2	43.7	52.3	44.8	0.4	0.3	NA	-
10228	3 BOSKERNOW BOSKERNOW COTTAGES TR4 8HZ	51.7	44.3	43.5	36	52	44.6	0.3	0.3	NA	-
11137	1 BOSKERNOW BOSKERNOW COTTAGES TR4 8HZ	51.2	43.9	39.3	31.2	51.3	43.9	0.1	0	NA	-
9420	CALENDRA TR4 8HZ	53.5	46	40.3	32.6	53.7	46.2	0.2	0.2	NA	-
11065	HOMEFIELDS TR4 8HZ	47	39.8	43.7	36.4	47.4	40.3	0.4	0.5	NA	-
12748	SILVERWELL FORGE TR4 8JG	43.2	36.2	43.9	35.9	44.5	37.5	1.3	1.3	NA	-
10822	LANDS VUE HOUSE TR4 8JA	44.6	37.6	42.1	34.1	44.9	37.8	0.3	0.2	NA	-
9505	LANDSVIEW FARM LANDS VUE FARM TR4 8JA	43.2	36.3	41.5	33.2	43.5	36.6	0.3	0.3	NA	-
13438	ALBANY VIEW SILVERWELL TR4 8JG	45.8	38.7	51.5	43.1	51.7	44.3	5.9	5.6	A	Direct
11767	FERN COTTAGE SILVERWELL TR4 8JH	45.2	38.2	48.4	40.9	48.6	41.3	3.4	3.1	A	Direct
13432	HOLLY TREE COTTAGE SILVERWELL TR4 8JG	45.4	38.4	50.9	42.5	51.1	43.7	5.7	5.3	A	Direct
10690	ROSCARNICK FARM TR4 8JA	53.3	45.8	47.2	38.6	47.6	40.4	-5.7	-5.4	B	Direct
11094	FERRIERA SILVERWELL TR4 8JG	45.6	38.5	53	44.3	53.1	45.6	7.5	7.1	A	Direct
10074	SILVERDENE SILVERWELL TR4 8JG	48.5	41.2	58.2	49.3	58.2	50.4	9.7	9.2	A	Direct
10889	SILVERWELL YARD TR4 8JG	43.9	36.9	49.5	40.5	49.7	42.4	5.8	5.5	A	Direct
9132	POLTAIRE SILVERWELL TR4 8JG	46.7	39.5	53.2	44.8	53.2	45.7	6.5	6.2	A	Direct
9923	SHED ADJ THE WHITE COTTAGE TR4 8JG	42.1	35.2	45.8	37.6	46.4	39.3	4.3	4.1	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
9937	THE WHITE COTTAGE SILVERWELL TR4 8JG	42.3	35.4	45.6	37.6	46.3	39.2	4	3.8	NA	-
9324	THE SYCAMORES SILVERWELL TR4 8JF	43.1	36.1	46.9	39	47.2	40.1	4.1	4	A	Direct
9708	WILLIAMSVILLE SILVERWELL TR4 8JG	42.8	35.8	45.9	37.6	46.8	39.6	4	3.8	NA	-
9156	LITLEDOWN SILVERWELL TR4 8JF	43.5	36.6	46.8	38.9	47.4	40.3	3.9	3.7	A	Direct
9934	FOXFIELDS SILVERWELL TR4 8JF	39.6	32.9	39.6	30.8	41.5	34.7	1.9	1.8	NA	-
10434	CHYMINNYS SILVERWELL TR4 8JF	41.8	34.9	43	35	44.3	37.3	2.5	2.4	NA	-
11247	WELWYN SILVERWELL TR4 8JF	42.5	35.6	44.9	36.7	45.5	38.5	3	2.9	NA	-
9138	THE CARAVAN SILVERWELL TR4 8JD	40.8	34	42.1	33.2	43.5	36.6	2.7	2.6	NA	-
9914	WORTHY VALE BARN SILVERWELL TR4 8JD	45.4	38.4	47.8	39.5	48.8	41.5	3.4	3.1	A	Direct
9898	WORTHY VALE SILVERWELL TR4 8JD	44.9	37.8	47.1	38.9	48	40.8	3.1	3	A	Direct
10395	FOUR BURROWS FARM HOUSE FOUR BURROWS FARMHOUSE TR4 8JB	71.2	62.7	46.5	38	52.7	45.2	-18.5	-17.5	B	Direct
9224	GLEN VIEW SILVERWELL TR4 8JD	43.7	36.8	46.8	38.9	47.1	39.9	3.4	3.1	NA	-
9883	BURLEIGH CROFT SILVERWELL TR4 8JD	46.6	39.4	48.3	40.1	49.6	42.3	3	2.9	NA	-
10661	CRITTOL SILVERWELL TR4 8JD	49.2	41.9	48.9	40.5	51.2	43.8	2	1.9	NA	-
10159	1 FOUR BURROW COTTAGES FOUR BURROWS COTTAGES TR4 8JB	47.6	40.4	47.7	39.8	48	40.8	0.4	0.4	NA	-
10184	2 FOUR BURROW COTTAGES FOUR BURROWS COTTAGES TR4 8JB	46.4	39.3	46.1	38.4	46.4	39.3	0	0	NA	-
10869	FOUR BURROWS FARM TR4 8JB	45.2	38.2	45.8	37.9	46.1	39	0.9	0.8	NA	-
9945	THE ANNEXE HIGHER PENWARTHA FARM TR4 9ND	49.2	42	43	35	50	42.7	0.8	0.7	NA	-
9803	PENDOWN FARM TR4 9NE	57.3	49.5	42.2	34.4	57.7	50	0.4	0.5	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
11489	TRELYDARTH TR4 9ND	58.9	51.1	41.9	34.3	59.5	51.7	0.6	0.6	NA	-
9341	MIORY BOTTOM FARM TR4 9ND	64.5	56.4	41.5	33.1	65.2	57	0.7	0.6	S	-
10166	PENDALE PENDALE FARM TR4 9NF	57.8	50.1	49.6	41.2	59.1	51.2	1.3	1.1	NA	-
10145	TREWHEAL HOUSE TR4 9NF	49.1	41.8	45.9	37.2	50.6	43.2	1.5	1.4	NA	-
9122	LITTLE LAMBRIGGON FARM LITTLE LAMBRIGGAN TR4 9NG	53.6	46.1	38	30	53.9	46.4	0.3	0.3	NA	-
9349	THE COTTAGE LITTLE LAMBRIGGAN TR4 9NG	50.8	43.4	35.5	27.7	51.2	43.8	0.4	0.4	NA	-
10099	CALLESTICK VEAN BUNGALOW TR4 9NF	59.8	52	61	51.5	62.2	54.2	2.4	2.2	NA	-
9230	CALLESTICK VEAN FARM TR4 9NF	40.2	33.4	41.6	32.8	42.6	35.7	2.4	2.3	NA	-

Table 11-5 Residential receptor noise results - 4+000.000 – 7+500.000

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2021		Scheme only 2036		Scheme and local roads 2036		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
10109	GARVINACK FARM TR4 9EP	43.4	36.5	45.8	38.1	45.9	38.8	2.5	2.3	NA	-
10460	NEW BUNGALOW CREEGMEOR FARM TR4 9NF	49.1	41.8	49.1	40.8	49.2	41.9	0.1	0.1	NA	-
9966	CHOON FARM TR4 9DL	41.2	34.4	40.6	33.4	43.6	36.7	2.4	2.3	NA	-
9628	CHYBUCCA CHYBUCCA FARM TR4 9DL	53.6	46.1	45	37.2	56	48.4	2.4	2.3	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2021		Scheme only 2036		Scheme and local roads 2036		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
9620	LITTLE CHYWOON FARM LITTL CHYWOON BARN TR4 9DL	43.2	36.2	41.8	34.1	45.5	38.5	2.3	2.3	NA	-
11244	ROSEWELL TR4 9DL	52.1	44.7	43.6	36	54.5	46.9	2.4	2.2	NA	-
9968	LITTLE CHYWOON FARM TR4 9DL	46.9	39.7	43.1	35.2	49.2	42	2.3	2.3	NA	-
10114	HILLVIEW COTTAGE TR4 9DL	65.4	57.3	42.2	33.5	67.7	59.4	2.3	2.1	S+	Indirect
9202	HILLVIEW FARM TR4 9DL	57.2	49.4	46.4	37.7	59.5	51.7	2.3	2.3	NA	-
10490	ROSE COTTAGE TR4 9DL	40.8	34	39.7	32.1	43.1	36.1	2.3	2.1	NA	-
11326	ALLET FARM TR4 9DL	48.1	40.9	37.8	28.3	50.6	43.2	2.5	2.3	NA	-
9691	THE CARAVAN CRANBERRY COTTAGE TR4 9DL	46.8	39.6	40.8	33.1	49.2	42	2.4	2.4	NA	-
9279	CRANBERRY COTTAGE ALLET FARM TR4 9DL	46.6	39.4	40.8	32.9	49.3	42.1	2.7	2.7	NA	-
9954	MAGNOLIA COTTAGE ALLET FARM TR4 9DL	45.4	38.4	43.3	35.7	47.9	40.7	2.5	2.3	NA	-
10546	FAIR VIEW FARM TR4 9DW	46.3	39.2	32.7	26	48.7	41.4	2.4	2.2	NA	-
10288	POLGLAZE POLGLASE TR4 9DL	62.1	54.1	42.7	35.6	64.5	56.4	2.4	2.3	S+	Indirect
11305	GREATWOOD TR4 9DW	43.1	36.1	0	0	45.4	38.4	2.3	2.3	NA	-
9681	ALLET COTTAGE TR4 9DJ	48.4	41.2	43.1	35.8	54.5	46.9	6.1	5.7	A	Indirect
10370	KELLYWYK COTTAGE TR4 9DP	44.1	37.1	0	0	46.5	39.4	2.4	2.3	NA	-
9249	ELLWYN TR4 9DP	44.8	37.7	0	0	47.2	40	2.4	2.3	NA	-
10495	ALLET NURSERIES TR4 9DJ	49	41.7	42.3	34.9	55.3	47.6	6.3	5.9	A	Indirect
9633	ROSEDALE TR4 9DJ	44.1	37.1	40.7	32.7	48.5	41.2	4.4	4.1	A	Indirect

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2021		Scheme only 2036		Scheme and local roads 2036		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
11298	LOWER FAIR VIEW TR4 9DW	52.9	45.4	27.2	20.8	55.3	47.7	2.4	2.3	NA	-
9648	LITTLE ENNIS TR4 9DJ	51.3	43.9	38	29.7	58.3	50.5	7	6.6	A	Indirect
11226	MILROY LOWER FAIR VIEW TR4 9DW	54.7	47.1	24	17.8	57.2	49.4	2.5	2.3	NA	-
10026	TWO BURROWS TR4 9DJ	52.7	45.2	37.2	29.9	55.2	47.5	2.5	2.3	NA	-
10361	LINKENDALE TR4 9DJ	44.9	37.8	39.9	32.4	49.2	42	4.3	4.2	A	Indirect
9976	THE FLAT LINKENDALE TR4 9DJ	41.1	34.2	41.3	33.6	44.3	37.3	3.2	3.1	NA	-
10009	GIPSY PARK GYPSY PARK TR4 9DN	55.9	48.3	31.3	24.7	58.3	50.5	2.4	2.2	NA	-
10351	LABURNUM TR4 9DP	50.3	43	0	0	52.7	45.2	2.4	2.2	NA	-
9251	DAYSRING TR4 9DP	48.4	41.2	0	0	50.8	43.4	2.4	2.2	NA	-
9812	HALGARRAS TR4 9DP	45.4	38.4	0	0	47.9	40.7	2.5	2.3	NA	-
3595	NEW HOUSE SUMMER VALLEY TOURING PARK TR4 9DW	45.2	38.2	0	0	47.6	40.4	2.4	2.2	NA	-
10557	FENTON COTTAGE TR4 9DJ	43.2	36.2	43	35.3	47.2	40.1	4	3.9	A	Direct
10300	THE PINES TR4 9DP	50.1	42.8	0	0	52.5	45	2.4	2.2	NA	-
2679	LITTLE HALGARRAS TR4 9DW	45.3	38.3	0	0	47.8	40.6	2.5	2.3	NA	-
9286	THE ANNEXE STE-WEN TR4 9DJ	43.4	36.5	43.1	35.8	46.2	39.1	2.8	2.6	NA	-
9096	LITTLE TRESAWSEN TR4 9HG	55.7	48.1	53	44.8	53.7	46.2	-2	-1.9	NA	-
10447	TORONTO TR4 9DW	59.4	51.6	12	4.7	61.9	53.9	2.5	2.3	NA	-
10438	ANFUGAH TR4 9DW	61.5	53.6	0	0	64	55.9	2.5	2.3	S+	Indirect
2925	THE BUNGALOW HILLCREST TR4 9DW	61	53	0	0	63.4	55.4	2.4	2.4	S+	Indirect
2459	HILLCREST HOUSE TR4 9DW	58.4	50.6	0	0	60.9	53	2.5	2.4	NA	-
2742	IVYDENE TR4 9DW	57.6	49.9	0	0	60.1	52.2	2.5	2.3	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2021		Scheme only 2036		Scheme and local roads 2036		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
2466	HILLCREST COTTAGE TR4 9DW	64.1	56	0	0	66.6	58.4	2.5	2.4	S+	Indirect
11318	SPRINGFIELD SPRINGFIELD FARM HOUSE TR4 9DJ	42.5	35.6	42.9	35.1	45.5	38.5	3	2.9	NA	-
10550	THE BUNGALOW SPRINGFIELD FARM HOUSE TR4 9DJ	40.1	33.3	35.3	26.6	43	36	2.9	2.7	NA	-
10132	TRESAWSEN FARM TR4 9HG	45.8	38.7	45.4	37.6	45.8	38.7	0	0	NA	-
9841	TRESAWSEN COTTAGE TR4 9HG	49.8	42.5	48.4	40.3	49	41.7	-0.8	-0.8	NA	-
9261	HIGHER TRESAWSEN TR4 9HG	55.1	47.5	53.2	44.8	53.8	46.3	-1.3	-1.2	NA	-
10571	TREVELLAN HOUSE TR4 9DN	41.8	34.9	41.4	33.1	45.2	38.1	3.4	3.2	NA	-
10385	TANGLEWOOD COTTAGE TR4 9HF	59.8	52	56	47.5	57.1	49.3	-2.7	-2.7	NA	-
10453	FLAXMOOR TR4 9HF	56	48.4	53.8	45.4	54.6	47	-1.4	-1.4	NA	-
10480	TRESAWSEN BARTON TR4 9HF	53.6	46.1	52.2	43.9	52.9	45.4	-0.7	-0.7	NA	-
9982	LOWER TRESAWSEN TR4 9HF	66.4	58.2	58.9	50.1	61.2	53.2	-5.2	-5	B	Direct
9302	VENTONLEA TR4 9HF	55.8	48.2	53.9	45.5	54.6	47	-1.2	-1.2	NA	-
4219	OWLSFOOT OWLS FOOT TR4 9DN	37.8	31.2	25	17.3	40.2	33.4	2.4	2.2	NA	-
11183	NANTEAGUE FARM TR4 9DH	45.9	38.8	48.7	40.4	49.3	42.1	3.4	3.3	A	Direct
4244	LAUREL COTTAGE SWAYANNS TR4 9DN	37.2	30.6	33	24.9	39.8	33.1	2.6	2.5	NA	-
11196	LITTLE NANTEAGUE THE COTTAGE TR4 9DN	43	36	45.1	37.5	46.3	39.2	3.3	3.2	NA	-
1227	THE VILLA TR4 9HE	46	38.9	46.1	38	46.6	39.4	0.6	0.5	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2021		Scheme only 2036		Scheme and local roads 2036		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
1139	LOWER VENTONGIMPS FARM TR4 9HE	45.2	38.2	45.1	37.5	45.5	38.5	0.3	0.3	NA	-
1101	LOWER VENTINGIMPS THE BARN TR4 9HE	46	38.9	46	38.3	46.5	39.4	0.5	0.5	NA	-
953	1 THE COTTAGES TR4 9DQ	71.6	63.1	64.4	54.8	66.7	58.4	-4.9	-4.7	S-	Direct
928	TREFFRY COTTAGE TR4 9DQ	71.2	62.7	64.4	54.8	66.5	58.3	-4.7	-4.4	S-	Direct
1428	KILLIVOSE TR4 9DG	37.9	31.3	25.5	16.8	37.4	30.8	-0.5	-0.5	NA	-
1128	BARN WYN TR4 9DQ	65.1	56.9	61.8	52	62.9	54.8	-2.2	-2.1	S-	Direct
7090	MARAZANVOSE FARM TR4 9DQ	47.4	40.3	48.1	40	48.6	41.3	1.2	1	NA	-
1108	RANGER BARN TR4 9DQ	62.4	54.4	60.8	51.1	61.5	53.6	-0.9	-0.8	NA	-
1015	HIGHER VENTONGIMPS FARM TR4 9HE	43.3	36.4	43.8	35.8	44.3	37.3	1	0.9	NA	-
826	ELMSLEIGH TR4 9DQ	71.8	63.3	66.4	56.2	68	59.7	-3.8	-3.6	S-	Direct
5902	NFH - VILLA TR4 9DQ	55.7	48.1	56.4	47.7	56.8	49.1	1.1	1	NA	-
5793	NFH - FARM HOUSE TR4 9DQ	52	44.6	52.6	44.3	52.9	45.4	0.9	0.8	NA	-
1498	PENNARE PENNARE FARM TR4 9DG	36.5	29.9	0	0	35.7	29.2	-0.8	-0.7	NA	-



Table 11-6 Residential receptor noise results - 7+500.000 – 11+000.000

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2021		Scheme only 2036		Scheme and local roads 2036		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
5426	BRACKEN WOODS BRACKENWOODS TR4 9HD	39.7	33	42.1	32.9	42.3	35.4	2.6	2.4	NA	-
1098	GARDEN LODGE TR4 9HB	39.5	32.8	39.7	32.4	39.8	33.1	0.3	0.3	NA	-
1418	LITTLE CALLESTOCK FARMHOUSE TR4 9HB	33.4	27	35.1	28.1	35.4	28.9	2	1.9	NA	-
1204	ORCHARD COTTAGE LITTLE CALLESTOCK FARM TR4 9HB	33.4	27	34.6	27.7	35.1	28.6	1.7	1.6	NA	-
1064	RIVENDELL TR4 9HB	33.8	27.4	35.4	28.5	35.8	29.3	2	1.9	NA	-
7153	MERTON LODGE TR4 9JZ	56.5	48.8	57.9	49.2	58	50.2	1.5	1.4	NA	-
5736	ST. FREDA ST FREDA TR4 9DG	57.6	49.9	59.7	50.7	59.7	51.9	2.1	2	NA	-
6290	THE ANNEXE VENTONTRISSICK TR4 9DG	35	28.5	32.2	24.3	34.8	28.3	-0.2	-0.2	NA	-
6294	VENTONTRISSICK TR4 9DG	35.6	29.1	34.2	26.8	35.9	29.4	0.3	0.3	NA	-
7000	1 TWO BURROW HILL TR4 9HQ	55.1	47.5	50.6	42.6	55.1	47.5	0	0	NA	-
6785	BOSWELICK FARM TR4 9DG	38.5	31.8	39	30.3	39.7	33	1.2	1.2	NA	-
6204	2 TWO BURROW HILL TR4 9HQ	58.5	50.7	51.5	43.3	60.1	52.2	1.6	1.5	NA	-
4864	HILL HOUSE TR4 9DG	61.8	53.9	65.2	54.6	65.2	57	3.4	3.1	S+	Direct
6496	1 COST IS LOST TR4 9HH	44.5	37.5	44.2	36.4	44.8	37.7	0.3	0.2	NA	-
6494	2 COST IS LOST TR4 9HH	45.3	38.3	45.3	37.6	45.9	38.8	0.6	0.5	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2021		Scheme only 2036		Scheme and local roads 2036		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
4364	2 ROSEHILL TR4 9HH	43.5	36.6	44	36.1	44.5	37.5	1	0.9	NA	-
4812	ANNEXE ZELAH LANE FARM TR4 9HR	49.3	42.1	46.9	37.9	50.8	43.4	1.5	1.3	NA	-
6451	CHAPEL COTTAGE TR4 9HR	51.2	43.9	49.8	41	52.6	45.1	1.4	1.2	NA	-
6830	THE CHAPEL TR4 9HR	58	50.2	44.2	35.4	60.2	52.3	2.2	2.1	NA	-
5444	ZELAH LANE FARM TR4 9HR	52.8	45.3	53.3	44.6	53.9	46.4	1.1	1.1	NA	-
4900	THE NOOK ZELAH LANE TR4 9HR	57.3	49.5	52	43	59.4	51.6	2.1	2.1	NA	-
5370	CASAVRINA TR4 9HH	43.7	36.8	44.4	36.2	45.1	38	1.4	1.2	NA	-
5316	TOLGROGGAN BUNGALOW TOLGROGGAN LODGE TR4 9HR	51.2	43.8	50.2	41.8	52.6	45.1	1.4	1.3	NA	-
4584	CHYVERTON COTTAGE FARM TR4 9HH	45.4	38.4	46.2	38.5	46.9	39.7	1.5	1.3	NA	-
7119	BOWLING GREEN BARN TR4 9HP	46.9	39.7	47.2	39	48.1	40.9	1.2	1.2	NA	-
4613	ROSEDALE ROSEDALE FARM TR4 9JE	45.9	38.8	46.6	39.1	47.2	40	1.3	1.2	NA	-
6423	1-2 ROSE COTTAGE TR4 9HP	59.1	51.2	45.8	37.6	61.2	53.2	2.1	2	NA	-
5803	BOWLING GREEN TR4 9HP	45.6	38.5	46.9	38.7	47.6	40.4	2	1.9	NA	-
7034	CHYVERTON CASTLE TR4 9HJ	45.2	38.1	45.2	37.3	45.6	38.5	0.4	0.4	NA	-
4827	1 DENELL VILLA TR4 9HP	59.4	51.6	53.6	44.9	61.5	53.6	2.1	2	NA	-
6464	2 DENELL VILLA TR4 9HP	59.4	51.6	53.5	44.8	61.5	53.6	2.1	2	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2021		Scheme only 2036		Scheme and local roads 2036		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
6511	TRELABNAS TR4 9HH	46.1	39	46.9	39.4	47.5	40.3	1.4	1.3	NA	-
6625	TOLGROGGAN FARM TR4 9HR	45.4	38.4	47.2	39.2	47.6	40.4	2.2	2	NA	-
5997	ROSEMULLION TR4 9HH	46.7	39.5	47.3	39.8	48	40.8	1.3	1.3	NA	-
7142	1 ROSEVINE ROSEVINE COTTAGE TR4 9HW	59.1	51.2	46.5	38.3	61.2	53.2	2.1	2	NA	-
5569	LOWARTH HOUSE TR4 9HW	59.3	51.5	41.7	32.3	61.5	53.6	2.2	2.1	NA	-
7148	LITTLE LOWARTH TR4 9HW	52.3	44.8	46.1	37.8	53.9	46.4	1.6	1.6	NA	-
6471	BRAE COTTAGE TR4 9HW	57.3	49.6	42.3	33	59.4	51.6	2.1	2	NA	-
5990	HIGHER BALSTYLE TR4 9JJ	43.2	36.2	42.6	34.9	43.6	36.7	0.4	0.5	NA	-
6438	7 CHAPEL CRESCENT THE WHITE HOUSE TR4 9HN	52.5	45	47.9	39.2	53.7	46.2	1.2	1.2	NA	-
5305	5 CHAPEL CRESCENT TR4 9HN	55	47.4	55.1	46.7	56.2	48.5	1.2	1.1	NA	-
6072	6 CHAPEL CRESCENT TR4 9HN	57	49.3	56.7	48.2	57.6	49.9	0.6	0.6	NA	-
6432	BERLEWEN TR4 9HN	54.4	46.8	51.4	43.1	56.1	48.4	1.7	1.6	NA	-
4350	10 ROSELAND TERRACE TR4 9HL	49.5	42.2	50	42	50.8	43.4	1.3	1.2	NA	-
6048	9 ROSELAND TERRACE TR4 9HL	49.5	42.2	49.9	41.9	50.7	43.3	1.2	1.1	NA	-
6547	8 ROSELAND TERRACE TR4 9HL	49.3	42.1	49.8	41.8	50.6	43.2	1.3	1.1	NA	-
6939	7 ROSELAND TERRACE TR4 9HL	49.2	42	49.7	41.7	50.5	43.1	1.3	1.1	NA	-
6049	6 ROSELAND TERRACE TR4 9HL	49.1	41.8	49.6	41.5	50.3	43	1.2	1.2	NA	-
6519	2 CHAPEL CRESCENT TR4 9HN	57.3	49.6	43.4	33.7	59.4	51.6	2.1	2	NA	-
6539	12 CHAPEL CRESCENT TR4 9HN	54.5	46.9	54.2	45.9	55.9	48.3	1.4	1.4	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2021		Scheme only 2036		Scheme and local roads 2036		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
6011	5 ROSELAND TERRACE TR4 9HL	49.2	41.9	49.4	41.4	50.2	42.9	1	1	NA	-
4597	4 ROSELAND TERRACE TR4 9HL	49.2	41.9	49.4	41.3	50.2	42.9	1	1	NA	-
4354	BALSTYLE TR4 9JJ	40.9	34	40	32.4	41.2	34.4	0.3	0.4	NA	-
4605	3 ROSELAND TERRACE TR4 9HL	49.2	41.9	49.4	41.3	50.2	42.9	1	1	NA	-
5193	STEPPING STONES TR4 9HN	57.3	49.6	42.5	32.8	59.4	51.6	2.1	2	NA	-
6198	THE OLD CHAPEL TR4 9HP	59.2	51.3	49.1	40.1	61.3	53.4	2.1	2.1	NA	-
5182	BYWAYS TR4 9HN	56.9	49.2	47.3	38.4	59	51.1	2.1	1.9	NA	-
6489	1 ROSELAND TERRACE TR4 9HL	47.2	40	46.9	38.6	47.9	40.7	0.7	0.7	NA	-
6448	2 ROSELAND TERRACE TR4 9HL	49.1	41.8	49.5	41.3	50.3	43	1.2	1.2	NA	-
4785	CRANBOURNE TR4 9HN	53.2	45.7	50.9	42.4	54.8	47.2	1.6	1.5	NA	-
4852	GLEN VIEW TR4 9HL	54.9	47.3	49.9	41.3	56.7	49	1.8	1.7	NA	-
6931	BALMERINO TR4 9HN	54.7	47.1	48.5	40.1	56.5	48.8	1.8	1.7	NA	-
5969	HOLLYGROVE TR4 9HL	59.1	51.2	50.7	42.1	61.1	53.1	2	1.9	NA	-
5824	ENGELLY FARM TR4 9HJ	41.6	34.8	39.6	32.6	41.1	34.2	-0.5	-0.6	NA	-
5614	OAKLEIGH TR4 9HL	59.1	51.2	51.2	42.8	61.1	53.1	2	1.9	NA	-
4918	SANSIGRA HOUSE TR4 9HN	55.4	47.8	48.8	40.4	56.8	49.1	1.4	1.3	NA	-
4614	TIDE COTTAGE TR4 9HL	59.9	52.1	51.7	43.1	62	54	2.1	1.9	NA	-
5204	TREVETH TR4 9HN	56.7	49	47.6	39.4	58.1	50.3	1.4	1.3	NA	-
4383	ELYSEE TR4 9HL	59.7	51.9	50.1	41.4	61.9	53.9	2.2	2	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2021		Scheme only 2036		Scheme and local roads 2036		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
5181	KIMBERLEY COTTAGE TR4 9HL	56.6	48.9	46.1	36.4	58.7	50.9	2.1	2	NA	-
6009	COTT & NOOK THE COTT AND NOOK TR4 9HN	60	52.1	43.2	33.6	62.2	54.2	2.2	2.1	NA	-
4769	GENTIAN TR4 9HS	48.6	41.3	47.9	38.5	49.8	42.5	1.2	1.2	NA	-
5328	THE NOOK TR4 9HN	59.8	52	42.4	32.9	62	54	2.2	2	NA	-
4822	TREWIN TR4 9HS	59.7	51.9	47.6	38.5	61.8	53.9	2.1	2	NA	-
7007	WOODSIDE TR4 9HS	48.9	41.6	48.4	39.4	50.5	43.1	1.6	1.5	NA	-
6895	AKORA TR4 9HS	59	51.1	48.6	39.7	61.1	53.1	2.1	2	NA	-
4797	ROSELAND COTTAGE TR4 9HT	59.3	51.4	44.6	35.8	61.4	53.5	2.1	2.1	NA	-
5605	KEVRAN TR4 9HT	55.5	47.9	54.5	45.7	55.8	48.2	0.3	0.3	NA	-
4807	CHYLOVENN TR4 9HS	48.6	41.3	47.9	38.7	50.1	42.8	1.5	1.5	NA	-
5344	THE OLD POST OFFICE TR4 9HS	58.8	51	49.2	40.2	61	53	2.2	2	NA	-
4766	1 TRELYNIAN COTTAGES TR4 9HT	58.6	50.8	42.8	33.1	60.8	52.9	2.2	2.1	NA	-
6459	2 TRELYNIAN COTTAGES TR4 9HT	53	45.5	49.2	40.3	54.8	47.2	1.8	1.7	NA	-
6549	GREENACRE GREEN ACRE TR4 9HS	50.2	42.9	49	39.8	51.6	44.2	1.4	1.3	NA	-
5598	DUNSMORE COTTAGE TR4 9HS	58.9	51.1	48.1	38.8	61	53	2.1	1.9	NA	-
5174	SHIRLEY FARMHOUSE TR4 9HT	58.8	51	43.1	33.1	61	53	2.2	2	NA	-
4378	WOODWARDS BARN TR4 9HT	50	42.7	43.2	33.6	51.8	44.4	1.8	1.7	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2021		Scheme only 2036		Scheme and local roads 2036		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
6901	ROSE COTTAGE TR4 9HS	58.9	51.1	49.6	40.7	61	53	2.1	1.9	NA	-
6817	TREWERN BANK TERRACE TR4 9HX	49.8	42.5	48.3	39.4	51.2	43.9	1.4	1.4	NA	-
6484	RIVENDELL BANK TERRACE TR4 9HX	50.5	43.1	48.1	39.4	50.9	43.5	0.4	0.4	NA	-
4888	BAY TREE COTTAGE BANK TERRACE TR4 9HX	55.1	47.5	49.2	40.6	56.6	48.9	1.5	1.4	NA	-
4843	ACCOMMODATION THE HAWKINS ARMS TR4 9HU	59.1	51.2	43.4	33.6	61.3	53.3	2.2	2.1	NA	-
4791	2 BANK TERRACE TR4 9HX	56.1	48.4	49.2	40.6	57.8	50.1	1.7	1.7	NA	-
4880	2 CHURCH LANE TR4 9JA	57.2	49.4	54.7	45.6	56.3	48.6	-0.9	-0.8	NA	-
5327	1 CHURCH LANE TR4 9JA	55.3	47.6	52.6	43.9	54.6	47	-0.7	-0.6	NA	-
5338	1 MYRTLE VILLAS TR4 9HU	59.3	51.5	47.3	39	61.3	53.4	2	1.9	NA	-
5981	2 MYRTLE VILLAS TR4 9HU	55.7	48.1	49.5	41.1	56.6	48.9	0.9	0.8	NA	-
5965	HALFMOON HOUSE TR4 9HU	54.3	46.7	49.6	41.3	54.1	46.6	-0.2	-0.1	NA	-
5345	1 GREEN BANK TR4 9HY	57.7	50	51.5	43	59.2	51.3	1.5	1.3	NA	-
4926	2 GREEN BANK TR4 9HY	57.8	50.1	51.6	43.1	59.3	51.4	1.5	1.3	NA	-
5493	POLSTAIN BARNES TR4 9HY	53.6	46.1	51.4	43	53.9	46.4	0.3	0.3	NA	-
5498	POLSTAIN FARM TR4 9HY	58	50.2	54.4	45.7	58.9	51.1	0.9	0.9	NA	-
5756	TREVALSO COTTAGE TR4 9HZ	58.1	50.3	64.1	54	64.2	56.1	6.1	5.8	S+	Direct

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2021		Scheme only 2036		Scheme and local roads 2036		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
4750	HENVER LANE COTTAGE TR4 9HZ	61.3	53.4	58.3	48.9	62.6	54.6	1.3	1.2	S+	Direct
5565	2 HENVER LANE TR4 9HZ	56.3	48.6	52.6	43.3	57.6	49.9	1.3	1.3	NA	-
5743	1 HENVER LANE TR4 9HZ	56.4	48.7	52.7	43.4	57.7	50	1.3	1.3	NA	-
5814	HENVER COTTAGE TR4 9HZ	66.2	58	62.7	52.9	65.3	57.1	-0.9	-0.9	S	-
6952	TREVALSO FARM TR4 9HZ	53.6	46.1	56.8	47.8	57	49.3	3.4	3.2	A	Direct
5839	CARALSA FARM TR4 9HZ	57.8	50.1	48.9	40.7	59.9	52.1	2.1	2	NA	-
6983	NATHANIELS TR4 9JG	57	49.3	36.9	29.1	57.3	49.6	0.3	0.3	NA	-
5155	CARALSA BARN TR4 9HZ	53.7	46.2	39.9	31.1	55.6	48	1.9	1.8	NA	-
5574	NATHANIELS FARM NATHANIELS FARMHOUSE TR4 9JG	58.3	50.5	38.9	31.5	58.7	50.9	0.4	0.4	NA	-
6057	LITTLE LANTEAGUE TR4 9JG	42.9	35.9	0	0	44.3	37.3	1.4	1.4	NA	-
5738	NORTH-DOWNS NORTHDOWNS COTTAGE TR4 9JG	51.1	43.7	34.7	27.8	52.9	45.4	1.8	1.7	NA	-
6669	ZELAH HILL COTTAGE TR4 9JB	72.7	64.1	58.6	49.1	64.2	56.1	-8.5	-8	S-	Direct
4879	DOVER ROW FARMHOUSE TR4 9JG	47.5	40.3	38.5	31.4	49.2	41.9	1.7	1.6	NA	-
5588	HOLLYTREE COTTAGE TR4 9JG	60.5	52.6	23.1	16.9	62.6	54.6	2.1	2	S+	Indirect
4995	1 TREGORLAND TR4 9JB	71.4	62.8	47.1	37.8	61.7	53.8	-9.7	-9	B	Direct

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2021		Scheme only 2036		Scheme and local roads 2036		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
4934	2 TREGORLAND TR4 9JB	65.7	57.5	53.5	44.6	58	50.2	-7.7	-7.3	B	Direct
6887	MOUNT PLEASANT COTTAGE TR4 9JB	63.9	55.8	51.9	43.3	56.4	48.7	-7.5	-7.1	B	Direct
6675	MOUNT PLEASANT FARM TR4 9JB	64.4	56.3	52.5	43.8	56.9	49.2	-7.5	-7.1	B	Direct
6660	TREGARD COTTAGE TR4 9JF	63.7	55.7	48.2	39.4	64.2	56.1	0.5	0.4	S	-
5355	SIXTY ACRES TR4 9JF	46.7	39.5	44.2	36.5	46.6	39.4	-0.1	-0.1	NA	-
5463	HONEYCOMBE HOUSE TR4 9QX	48.3	41.1	48.3	40	48.6	41.3	0.3	0.2	NA	-
5452	HONEYCOMBE BARN TR4 9QX	50.3	43	53.2	44.9	53.5	46	3.2	3	A	Direct
4964	PENNYCOMEQUICK PENNY COME QUICK TR4 9JD	67.4	59.2	51.7	43.5	61.8	53.9	-5.6	-5.3	B	Direct
4951	LEMMAIN COTTAGE TR4 9JF	55.7	48.1	43.1	35.5	58.2	50.4	2.5	2.3	NA	-



Table 11-7 Residential receptor noise results - 11+000.000 – east of 14+000.000

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
6653	VENTON TEAGUE VENTONTEAGUE TR4 9QX	44.1	37.1	49.1	41.2	49.2	42	5.1	4.9	A	Direct
6577	PENGLAZE TR4 9JD	55	47.4	51.3	43.3	53.2	45.7	-1.8	-1.7	NA	-
4387	ENNIS FARM THE MOWHAY TR4 9BE	43.9	36.9	43.7	35.7	45.9	38.8	2	1.9	NA	-
4470	ENNIS FARM TR4 9BE	44.3	37.3	44.3	36.3	46.5	39.4	2.2	2.1	NA	-
6912	1 TREWORRIAN MANOR TR4 9JD	58.4	50.6	59.3	50.4	59.9	52.1	1.5	1.5	NA	-
5633	2 KILLIGREW BARNS KILLIGREW FARM HOUSE TR4 9BE	48.5	41.2	0	0	48.3	41.1	-0.2	-0.1	NA	-
6648	1 KILLIGREW BARNS KILLIGREW FARM HOUSE TR4 9BE	49.6	42.3	0	0	49.3	42.1	-0.3	-0.2	NA	-
4471	KILLIGREW FARM HOUSE TR4 9BE	52.9	45.4	0	0	52.5	45	-0.4	-0.4	NA	-
6904	RAGLAN HOUSE TR4 9JD	63.8	55.7	59.2	50.3	61.2	53.2	-2.6	-2.5	<S-	Direct
4341	FOUR WINDS TR4 9JD	63.8	55.7	58.5	49.7	60.8	52.9	-3	-2.8	<S-	Direct
5292	SUNNYSIDE TR4 9BE	49.9	42.6	41.3	33.4	52.9	45.4	3	2.8	A	Indirect
4969	HIGHER ENNIS FARM TR4 9BE	46.5	39.4	47.4	39.2	49.9	42.6	3.4	3.2	A	Direct
7132	TREWATERS BUNGALOW TR4 9BE	57.7	50	43.6	35.8	60.6	52.7	2.9	2.7	NA	-
5885	TREWATERS BARN TREWATERS FARM TR4 9BE	47.2	40.1	37.7	30.4	48.9	41.6	1.7	1.5	NA	-
5274	SECOND BARN CONVERSION TREWATERS FARM TR4 9BE	46.2	39.1	37.8	30.4	48	40.8	1.8	1.7	NA	-
7465	TREWATERS HOUSE TREWARTHES HOUSE TR4 9BE	45.8	38.7	37	29.5	47.7	40.5	1.9	1.8	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
4985	3 CARLAND CROSS COTTAGES TR8 5AY	62.3	54.3	57.1	48.2	59.6	51.8	-2.7	-2.5	NA	-
6247	2 CARLAND CROSS COTTAGES TR8 5AY	61.9	53.9	56.6	47.7	59.4	51.6	-2.5	-2.3	NA	-
6956	1 CARLAND CROSS COTTAGES TR8 5AY	62.5	54.5	56.6	47.6	60.8	52.9	-1.7	-1.6	NA	Direct
6242	ROSEHILL FARM CARLAND CROSS TR8 5AY	58.5	50.7	55	46.4	57.4	49.7	-1.1	-1	NA	-
6189	CARLEAN TR8 5AY	56.3	48.6	53.7	45.1	55.3	47.7	-1	-0.9	NA	-
7385	WEST NANCEMERE FARM TR8 5JB	55.4	47.8	51	43.1	52.7	45.2	-2.7	-2.6	NA	-
7827	TREVENTON FARM TR8 5AR	58.4	50.6	48	39	56.6	48.9	-1.8	-1.7	NA	-
8107	THE WILLOWS TR8 5JB	59.1	51.2	50.7	42.7	57.3	49.6	-1.8	-1.6	NA	-
7835	2 MILL COTTAGES MITCHELL FARM TR8 5AX	59.7	51.9	45.2	36.9	57.4	49.7	-2.3	-2.2	NA	-
7173	1 MILL COTTAGES MITCHELL FARM TR8 5AX	62.8	54.8	46.4	38.3	61	53	-1.8	-1.8	NA	Indirect
7494	THE MILL HOUSE MITCHELL FARM TR8 5AX	59.2	51.3	32.3	23.5	57.6	49.9	-1.6	-1.4	NA	-
7187	THE TURKEY HOUSE MITCHELL FARM TR8 5AX	57.7	50	31.1	22.4	56.2	48.5	-1.5	-1.5	NA	-
7599	MITCHELL FARM TR8 5AX	60.8	52.9	27.1	18.7	58.9	51.1	-1.9	-1.8	NA	-
7309	2 ORCHARD COTTAGES TR8 5AX	57.7	50	30.2	21.8	56.2	48.5	-1.5	-1.5	NA	-

Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
7983	HILL VIEW COTTAGE TR8 5AX	61	53	30.9	24	59.3	51.5	-1.7	-1.5	NA	-
7311	1 ORCHARD COTTAGES TR8 5AX	57.4	49.7	30.6	22.7	56	48.4	-1.4	-1.3	NA	-
7812	THE BUNGALOW TR8 5AX	63.3	55.2	33.6	24.9	61.6	53.7	-1.7	-1.5	<S-	Indirect
7797	AMANHA TR8 5AX	56.7	49	31	23.8	55.3	47.7	-1.4	-1.3	NA	-
7789	1 CHAPEL TERRACE CROFT COTTAGE TR8 5AX	57.9	50.2	30.1	22.9	56.5	48.8	-1.4	-1.4	NA	-
7945	2 CHAPEL TERRACE TR8 5AX	54	46.5	29.6	22.7	53	45.5	-1	-1	NA	-
8003	3 CHAPEL TERRACE TINNERS COTTAGE TR8 5AX	56.8	49.1	26.2	17.8	55.3	47.6	-1.5	-1.5	NA	-
7195	CHYVARLOE TR8 5AX	56.6	48.9	28.1	19.9	55.1	47.5	-1.5	-1.4	NA	-
7664	THE CHAPEL TR8 5AX	56.6	48.9	28	19.3	55.3	47.6	-1.3	-1.3	NA	-
7670	CHAPEL ARETE TR8 5AX	60.8	52.9	32.2	23.8	59.3	51.4	-1.5	-1.5	NA	-
7965	NANCEMEER FARM NANCEMERE FARM TR8 5JA	53.1	45.6	46.1	38.7	51.1	43.7	-2	-1.9	NA	-
7169	THE ANNEXE ASHLEIGH HOUSE TR8 5AX	59.3	51.5	25.8	17.5	57.7	50	-1.6	-1.5	NA	-
8068	ROSE COTTAGE TR8 5AX	58.3	50.5	24.1	16.1	56.8	49.1	-1.5	-1.4	NA	-
7442	HOMESTEAD TR8 5AX	56.5	48.8	24.1	16.1	55.1	47.5	-1.4	-1.3	NA	-
7578	FLAT 2 PLUME OF FEATHERS TR8 5AX	54.7	47.1	29.4	22.3	53.5	46	-1.2	-1.1	NA	-
7889	THE FLAT WEAVERS BARN TR8 5AX	57.6	49.9	27.5	18.9	56.1	48.4	-1.5	-1.5	NA	-
7646	1 ROSE TERRACE TR8 5AU	51.1	43.7	25.4	17.3	49.9	42.6	-1.2	-1.1	NA	-

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		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
7454	2 ROSE TERRACE TR8 5AU	54.2	46.6	25.1	16.9	53.2	45.7	-1	-0.9	NA	-
7893	ST. MICHAELS ST MICHAELS TR8 5AX	57.7	50	28.1	19.6	56.2	48.5	-1.5	-1.5	NA	-
7583	3 ROSE TERRACE TR8 5AU	54.5	46.9	26.6	18.4	53.2	45.7	-1.3	-1.2	NA	-
7206	4 ROSE TERRACE TR8 5AU	55	47.4	28	20.5	53.7	46.2	-1.3	-1.2	NA	-
7389	WELLESLEY HOUSE TR8 5AX	55.9	48.3	23	15	54.8	47.2	-1.1	-1.1	NA	-
7786	5 ROSE TERRACE FAIRHOPE TR8 5AU	54.9	47.3	28.3	20.9	53.6	46.1	-1.3	-1.2	NA	-
7677	6 ROSE TERRACE TR8 5AU	54.1	46.6	28.9	21.9	53	45.5	-1.1	-1.1	NA	-
7906	GLENHOLME TR8 5AX	57	49.3	26.1	17.8	55.4	47.8	-1.6	-1.5	NA	-
7589	IVY BARN TR8 5AT	53.8	46.3	29	22.2	52.7	45.2	-1.1	-1.1	NA	-
7957	WELLESLEY BARN TR8 5AT	57.1	49.3	22.5	14.6	55.4	47.8	-1.7	-1.5	NA	-
7374	IVY HOUSE TR8 5AT	54.5	46.9	28.1	20.7	53.3	45.8	-1.2	-1.1	NA	-
7843	CHAPEL BARN WELLESLEY FARM HOUSE TR8 5AT	58.4	50.6	44.6	37.1	56.7	49	-1.7	-1.6	NA	-
8076	WELLESLEY FARM HOUSE TR8 5AT	56	48.4	28.6	21.4	54.4	46.8	-1.6	-1.6	NA	-
7425	1 RALEIGH FARM ELM HOUSE TR8 5AT	51.2	43.8	28.8	21.1	49.9	42.6	-1.3	-1.2	NA	-
7201	2 RALEIGH FARM ROWAN HOUSE TR8 5AT	50	42.7	30	23.2	48.5	41.2	-1.5	-1.5	NA	-
8001	3 RALEIGH FARM CROFT HOUSE TR8 5AT	50.1	42.8	28.3	18.9	48.7	41.4	-1.4	-1.4	NA	-

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		Day	Night	Day	Night	Day	Night	Day	Night		
7806	1 HAWKINS PLACE TR8 5AT	54.5	46.9	26.3	17.8	53	45.5	-1.5	-1.4	NA	-
7990	2 HAWKINS PLACE TR8 5AT	56.5	48.8	30.1	21.3	55	47.4	-1.5	-1.4	NA	-
7757	CHAMOMILE COTTAGE HAWKINS PLACE TR8 5AT	53.3	45.8	22	14.2	52.3	44.8	-1	-1	NA	-
7750	1 ST. FRANCIS MEADOW TR8 5DB	57.9	50.2	42.9	33.7	56.3	48.6	-1.6	-1.6	NA	-
7163	4 LAMB HOUSE ST. FRANCIS MEADOW TR8 5DB	60	52.1	43.8	36.5	58.3	50.5	-1.7	-1.6	NA	-
8023	RALEIGH BARNES & STABLES RALEIGH BARNES AND STABLES TR8 5AT	49.7	42.4	27.3	18.8	48.4	41.2	-1.3	-1.2	NA	-
7775	2 ST. FRANCIS MEADOW TR8 5DB	57.7	50	43.8	36.5	56	48.4	-1.7	-1.6	NA	-
7764	3 ELDON HOUSE ST. FRANCIS MEADOW TR8 5DB	57.9	50.2	43.9	36.5	56.2	48.5	-1.7	-1.7	NA	-
7673	5 ST. FRANCIS MEADOW TR8 5DB	60.8	52.9	43.7	36.4	59.2	51.3	-1.6	-1.6	NA	-
7925	THE BRAMBLES MITCHELL FRUIT GARDEN TR8 5BZ	54.9	47.3	39.8	32.3	54.8	47.2	-0.1	-0.1	NA	-
7938	35 LEW ZACHARI HOUSE ST. FRANCIS MEADOW TR8 5DB	53.5	46	23.3	15.1	52.5	45	-1	-1	NA	-
7702	34 ST. FRANCIS MEADOW TR8 5DB	51.7	44.3	29.6	20.6	50.2	42.9	-1.5	-1.4	NA	-
7596	6 ST. FRANCIS MEADOW TR8 5DB	60	52.1	43.6	36.3	58.3	50.5	-1.7	-1.6	NA	-
7914	11 ST. FRANCIS MEADOW TR8 5DB	63.3	55.3	43.7	36.4	61.7	53.8	-1.6	-1.5	<S-	Indirect
7838	33 ST. FRANCIS MEADOW TR8 5DB	51.5	44.1	30.2	20.9	50	42.7	-1.5	-1.4	NA	-
7419	32 NEW ROCK COTTAGE ST. FRANCIS MEADOW TR8 5DB	52.6	45.1	30.1	20.8	51.1	43.7	-1.5	-1.4	NA	-
7289	RALEIGH HOUSE FARM TR8 5AT	54.8	47.2	28.1	20.5	53.6	46.1	-1.2	-1.1	NA	-

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		Day	Night	Day	Night	Day	Night	Day	Night		
7946	SHERIDAN HOUSE TR8 5AT	53.8	46.3	22.7	14.4	52.7	45.2	-1.1	-1.1	NA	-
7734	30 ST. FRANCIS MEADOW TR8 5DB	55	47.4	43.5	36.2	53.2	45.7	-1.8	-1.7	NA	-
7852	12 ST. FRANCIS MEADOW TR8 5DB	68	59.7	43.6	36.3	66.5	58.3	-1.5	-1.4	S-	Indirect
7337	8 ST. FRANCIS MEADOW TR8 5DB	58.5	50.7	43.4	36.2	56.9	49.2	-1.6	-1.5	NA	-
7165	29 ST. FRANCIS MEADOW TR8 5DB	55.3	47.7	34.4	24.1	53.7	46.2	-1.6	-1.5	NA	-
7865	5 PILLARS CLOSE TR8 5DA	48.4	41.2	22.2	14	47.3	40.2	-1.1	-1	NA	-
7533	3 PILLARS CLOSE TR8 5DA	48.2	41	24.4	15.8	46.8	39.6	-1.4	-1.4	NA	-
7412	THE HEATHERS TR8 5AT	53.8	46.3	25.2	17	52.8	45.3	-1	-1	NA	-
7480	9 PIPINS COTTAGE ST. FRANCIS MEADOW TR8 5DB	58	50.2	43.3	36	56.4	48.7	-1.6	-1.5	NA	-
7349	2 PILLARS CLOSE TR8 5DA	50	42.7	21.6	13.5	48.9	41.6	-1.1	-1.1	NA	-
7530	28 ST. FRANCIS MEADOW TR8 5DB	55.5	47.9	43.2	35.9	53.8	46.3	-1.7	-1.6	NA	-
7440	THE PILLARS TR8 5AT	54.9	47.3	27.6	19.6	53.7	46.2	-1.2	-1.1	NA	-
7898	1 PILLARS CLOSE TR8 5DA	51.2	43.8	29	21.9	50	42.7	-1.2	-1.1	NA	-
7742	10 KESWICK HOUSE ST. FRANCIS MEADOW TR8 5DB	58.4	50.6	37.5	25.7	57	49.3	-1.4	-1.3	NA	-
8094	31 ST. FRANCIS MEADOW TR8 5DB	53.1	45.6	33	22.7	51.5	44.1	-1.6	-1.5	NA	-
8029	BY THE WAY BY-THE-WAY TR8 5AT	53.6	46.1	27	18.7	52.7	45.2	-0.9	-0.9	NA	-
7525	14 ST. FRANCIS MEADOW TR8 5DB	67.9	59.6	32.7	21.6	66.4	58.2	-1.5	-1.4	S-	Indirect
7508	CHY AN MAEGDHOL CHY-AN-MAEGDHOL TR8 5AT	53.8	46.3	27.1	18.7	52.8	45.3	-1	-1	NA	-
7269	6 PILLARS CLOSE TR8 5DA	51.5	44.1	24.4	15.9	50.4	43	-1.1	-1.1	NA	-
7870	1 FAIR PARK VIEW TR8 5AP	55.6	48	22.5	14.2	55.8	48.2	0.2	0.2	NA	-
7861	27 ST. FRANCIS MEADOW TR8 5DB	57.3	49.6	35.3	24	55.8	48.2	-1.5	-1.4	NA	-

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		Day	Night	Day	Night	Day	Night	Day	Night		
7722	8 PILLARS CLOSE TR8 5DA	51.8	44.4	25.3	16.9	50.8	43.4	-1	-1	NA	-
8084	THE OLD SCHOOL TR8 5BZ	56.6	48.9	30	23.4	57	49.3	0.4	0.4	NA	-
7180	2 FAIR PARK VIEW TR8 5AP	55.3	47.7	21.9	13.7	55.5	47.9	0.2	0.2	NA	-
7239	9 PILLARS CLOSE TR8 5DA	51.8	44.4	25.8	17.4	50.7	43.3	-1.1	-1.1	NA	-
7207	3 FAIR PARK VIEW TR8 5AP	54.7	47.1	21.9	13.7	54.6	47	-0.1	-0.1	NA	-
7270	10 PILLARS CLOSE TR8 5DA	51.8	44.4	26.5	18.3	50.8	43.4	-1	-1	NA	-
7342	4 FAIR PARK VIEW TR8 5AP	54.7	47.1	21.8	13.7	54.6	47	-0.1	-0.1	NA	-
7637	26 ST. FRANCIS MEADOW TR8 5DB	58	50.2	40.6	29	56.4	48.7	-1.6	-1.5	NA	-
7729	15 BOSTON HOUSE ST. FRANCIS MEADOW TR8 5DB	67.9	59.6	39.7	31	66.4	58.2	-1.5	-1.4	S-	Indirect
7512	5 FAIR PARK VIEW TR8 5AP	54.6	47	21.6	13.5	54.6	47	0	0	NA	-
7518	6 FAIR PARK VIEW TR8 5AP	54.6	47	21.6	13.5	54.6	47	0	0	NA	-
7227	25 ST. FRANCIS MEADOW TR8 5DB	58.4	50.6	41.4	29.8	56.8	49.1	-1.6	-1.5	NA	-
7230	24 ST. FRANCIS MEADOW TR8 5DB	53	45.5	27.1	18.5	51.9	44.5	-1.1	-1	NA	-
7398	7 FAIR PARK VIEW TR8 5AP	55.1	47.5	21.3	13.3	55.1	47.5	0	0	NA	-
8090	23 ST. FRANCIS MEADOW TR8 5DB	52.9	45.4	37.1	26.5	51.3	43.9	-1.6	-1.5	NA	-
7417	8 FAIR PARK VIEW TR8 5AP	54.7	47.1	20.8	13	54.7	47.1	0	0	NA	-
8048	16 MARGILL ST. FRANCIS MEADOW TR8 5DB	67.9	59.6	39.4	29.5	66.3	58.1	-1.6	-1.5	S-	Indirect
8035	9 FAIR PARK VIEW TR8 5AP	54.6	47	20.5	12.7	54.6	47	0	0	NA	-
7962	21 ST. FRANCIS MEADOW TR8 5DB	53.4	45.9	37.9	26.9	51.8	44.4	-1.6	-1.5	NA	-
8037	20 ST. FRANCIS MEADOW TR8 5DB	54.4	46.8	38.2	27	52.8	45.3	-1.6	-1.5	NA	-
7347	10 FAIR PARK VIEW TR8 5AP	54.3	46.7	20.5	12.7	54.2	46.6	-0.1	-0.1	NA	-
7783	19 ST. FRANCIS MEADOW TR8 5DB	56.3	48.6	37.8	26.5	54.8	47.2	-1.5	-1.4	NA	-
8112	MIMOSA COTTAGE TR8 5AR	55.6	48	28.8	21.3	54.7	47.1	-0.9	-0.9	NA	-

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		Day	Night	Day	Night	Day	Night	Day	Night		
7274	LADELL TR8 5AR	54.6	47	32.1	23.1	53.5	46	-1.1	-1	NA	-
7737	18 ST. FRANCIS MEADOW TR8 5DB	60.3	52.4	42.4	31.6	58.8	51	-1.5	-1.4	NA	-
7339	LUPIN COTTAGE TR8 5AR	56.6	48.9	28.9	21.4	55.8	48.2	-0.8	-0.7	NA	-
7277	WAYSIDE TR8 5AR	54.8	47.2	29.3	21	53.9	46.4	-0.9	-0.8	NA	-
7330	22 ST. FRANCIS MEADOW TR8 5DB	53.6	46.1	28.6	19.3	52.5	45	-1.1	-1.1	NA	-
7696	17 ST. FRANCIS MEADOW TR8 5DB	68.1	59.8	30.5	20.4	66.5	58.3	-1.6	-1.5	S-	Indirect
7323	KELOWNA TR8 5AS	56.2	48.5	34.1	22.6	54.8	47.2	-1.4	-1.3	NA	-
7294	BUTTERCUP COTTAGE TR8 5AR	58.4	50.6	21	13.2	58.6	50.8	0.2	0.2	NA	-
7687	WOODVILLE TR8 5AR	55.9	48.3	28.1	19.4	55.3	47.7	-0.6	-0.6	NA	-
7301	2 PIPERS COURT TR8 5EH	63.4	55.4	36.6	25.7	61.9	53.9	-1.5	-1.5	<S-	Indirect
7215	3 PIPERS COURT TR8 5EH	65.5	57.4	31.9	21.7	64	55.9	-1.5	-1.5	S-	Indirect
7708	THE CROFT TR8 5AR	59.8	52	25.5	17.2	59.6	51.8	-0.2	-0.2	NA	-
7392	ROSALEA TR8 5AS	55.3	47.6	27.7	18.7	54.9	47.3	-0.4	-0.3	NA	-
7365	4 PIPERS COURT TR8 5EH	68.7	60.3	41.9	34.8	67.1	58.8	-1.6	-1.5	S-	Indirect
7504	1 PIPERS COURT TR8 5EH	59.3	51.4	28	18.8	58.2	50.4	-1.1	-1	NA	-
7219	5 PIPERS COURT TR8 5EH	69.2	60.8	41.8	34.7	67.5	59.3	-1.7	-1.5	S-	Indirect
7975	6 PIPERS COURT TR8 5EH	68.2	59.9	28.5	19.1	66.7	58.4	-1.5	-1.5	S-	Indirect
8051	GROUND FLOOR FLAT THE WORKSHOP TR8 5AS	56.1	48.4	29.5	20.6	55.7	48.1	-0.4	-0.3	NA	-
7411	1 FOUR WINDS TR8 5AS	62.8	54.8	36	25.9	61.8	53.9	-1	-0.9	NA	-
7931	2 FOUR WINDS TR8 5AS	67.4	59.1	33.7	23.8	65.8	57.6	-1.6	-1.5	S-	Indirect
14832	TREGERLES TR8 4PW	43.6	36.7	27.1	20.3	41.3	34.5	-2.3	-2.2	NA	-
14845	TREVESSA COTTAGE TR8 5AN	44	37	34.6	27.9	41.9	35	-2.1	-2	NA	-



Receptor ID	Receptor address	Noise level dBL <sub>Aeq</sub>								Type of effect (codes defined in Table 11-3)	Direct / indirect effect
		Without Scheme 2023		Scheme only 2038		Scheme and local roads 2038		Change (long term)			
		Day	Night	Day	Night	Day	Night	Day	Night		
14826	BOWJY COTH TREVESSA FARM TR8 5AN	39.2	32.5	28.5	20.5	37.5	30.9	-1.7	-1.6	NA	-

Table 11-8 Non-residential receptor noise results

Receptor ID	Non-residential category	Receptor address	Noise level dBL <sub>Aeq,16hr,day</sub>				Type of effect*	Direct / indirect effect
			Without Scheme 2023	Scheme only 2038	Scheme and local roads 2038	Change		
13416	Children's Nursery / Creche	TIGGERS DAY NURSERY TR4 8EY	59.3	29	60.4	1.1	N/A	-
14897	Holiday / Campsite	VALLEY VIEW TOURING SITE TR4 8HH	49.3	0	47.7	-1.6	N/A	-
13034	Church	WHEAL BUSY CHAPEL TR4 8NU	52.6	0	50.7	-1.9	N/A	-
13216	Preparatory / First / Primary / Infant / Junior / Middle School	BLACKWATER COMMUNITY PRIMARY SCHOOL NORTH HILL TR4 8ES	63.4	29.9	62	-1.4	N/A	Indirect
11588	Public / Village Hall / Other Community Facility	PASSMORE EDWARDS INSTITUTE TR4 8EG	65.5	28.7	66.7	1.2	N/A	Indirect
14410	Holiday / Campsite	EAST HILL FARM TR4 8HW	53.2	32.9	59.2	6	A	Indirect
14909	Holiday / Campsite	36 CHIVERTON PARK TR4 8HS	53.8	43.2	59	5.2	A	Indirect
12693	Children's Nursery / Creche	DAISY FAYS LIMITED CHIVERTON CROSS TR4 8HS	60.8	50.2	60.5	-0.3	N/A	-
14369	Church	CHURCH OF SAINT PETER TR4 8HS	49.5	49.1	50.2	0.7	N/A	-

Receptor ID	Non-residential category	Receptor address	Noise level dBL <sub>Aeq,16hr,day</sub>				Type of effect*	Direct / indirect effect
			Without Scheme 2023	Scheme only 2038	Scheme and local roads 2038	Change		
13610	Church Hall / Religious Meeting Place / Hall	MITHIAN CHURCH HALL TR4 8HS	55.6	55	55.2	-0.4	N/A	-
9212	Church	ALLET METHODIST CHURCH TR4 9DL	65.5	35.9	67.8	2.3	NA	Indirect
14861	Holiday / Campsite	FAIR VIEW TR4 9DW	51.7	31	54.2	2.5	N/A	-
2939	Holiday / Campsite	SUMMER VALLEY TOURING PARK TR4 9DW	45.3	0	47.7	2.4	N/A	-
6524	Public / Village Hall / Other Community Facility	ZELAH VILLAGE HALL TR4 9HS	59	49.6	61.1	2.1	N/A	-

## 11.5.2 Noise level impacts tables as defined by HD 213/11

Table 11-9 Short-term traffic noise reporting table

Project/Option: A30 Chiverton to Carland Cross				
Scenario/Comparison: Do-Something 2023 compared to Do-Minimum 2023				
Change in noise Level		DMRB Impact category (short term)	Daytime	Number of 'other' sensitive receptors
			Number of Dwellings	
Increase in noise level, $L_{A10,18h}$ dB	0.1 – 0.9	Negligible	133	4
	1 – 2.9	Minor adverse	113	5
	3 – 4.9	Moderate adverse	34	2
	5 +	Major adverse	16	1
No Change	0	Negligible	22	0
Decrease in noise level, $L_{A10,18h}$ dB	0.1 – 0.9	Negligible	174	2
	1 – 2.9	Minor beneficial	272	3
	3 – 4.9	Moderate beneficial	4	0
	5 +	Major beneficial	4	0

Table 11-10 Long-term traffic noise reporting table

Project/Option: A30 Chiverton to Carland Cross					
Scenario/Comparison: Do-Something 2038 compared to Do-Minimum 2023					
Change in noise Level		DMRB Impact category (long term)	Daytime		Night-time
			Number of Dwellings	Number of 'other' sensitive receptors	Number of Dwellings
Increase in noise level, L <sub>A10,18h</sub> dB	0.1 – 2.9	Negligible	297	9	15
	3 – 4.9	Minor adverse	56	0	0
	5 – 9.9	Moderate adverse	24	3	1
	10 +	Major adverse	2	0	1
					0
No Change	0	Negligible	12	0	1
					0
Decrease in noise level, L <sub>A10,18h</sub> dB	0.1 - 2.9	Negligible	376	5	7
	3 - 4.9	Minor beneficial	3	0	1
	5 - 9.9	Moderate beneficial	2	0	2
	10 +	Major beneficial	0	0	0

Table 11-11 Long-term traffic noise reporting table

Project/Option: A30 Chiverton to Carland Cross					
Scenario/Comparison: Do-Minimum 2038 compared to Do-Minimum 2023					
Change in noise Level		DMRB Impact category (long term)	Daytime		Night-time
			Number of Dwellings	Number of 'other' sensitive receptors	Number of Dwellings
Increase in noise level, L <sub>A10,18h</sub> dB	0.1 – 2.9	Negligible	318	8	19
	3 – 4.9	Minor adverse	1	0	0
	5 – 9.9	Moderate adverse	0	0	0
	10 +	Major adverse	0	0	0
			0	0	0
No Change	0	Negligible	13	1	1
			0	0	0
Decrease in noise level, L <sub>A10,18h</sub> dB	0.1 - 2.9	Negligible	440	8	8
	3 - 4.9	Minor beneficial	0	0	0
	5 - 9.9	Moderate beneficial	0	0	0
	10 +	Major beneficial	0	0	0

### 11.5.3 Noise nuisance reporting tables as defined by HD 213/11

**Table 11-12 Traffic noise nuisance reporting table**

Change in Nuisance Level		Do-Minimum	Do-Something
		Number of Dwellings	Number of Dwellings
Increase in nuisance level	< 10%	319	113
	10 < 20%	0	93
	20 < 30%	0	123
	30 < 40%	0	46
	> 40%	0	4
		0	0
No Change	0	13	15
		0	0
Decrease in nuisance level	< 10%	440	376
	10 < 20%	0	2
	20 < 30%	0	0
	30 < 40%	0	0
	> 40%	0	0

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