

Noise Workbook - Worksheet 1

Proposal Name: Melksham Bypass Stage 2

Present Value Base Year

Current Year

Proposal Opening year:

Project (Road, Rail or Aviation):

Net present value of change in noise (£):

*positive value reflects a net benefit (i.e. a reduction in noise)

Net present value of impact on sleep disturbance (£):

Net present value of impact on amenity (£):

Net present value of impact on AMI (£):

Net present value of impact on stroke (£):

Net present value of impact on dementia (£):

Quantitative results

Households experiencing increased daytime noise in forecast year:

Households experiencing reduced daytime noise in forecast year:

Households experiencing increased night time noise in forecast year:

Households experiencing reduced night time noise in forecast year:

Qualitative Comments:

Data Sources:

TAG Unit A3 - Environmental Impact Appraisal, July 2021, Section 2 Noise Impacts

Traffic Data provided by Atkins for Opening Year 2028 and Future Year 2043 (Do-Minimum and Do-Something scenarios)

OS Mastermap and AddressBase Data

Calculations undertaken based on LA111 and CRTN methodology using NoiseMap software
