

A83 Rest and Be Thankful

MTS EIAR VOLUME 4, APPENDIX 7.4 - POPULATION AND
HUMAN HEALTH ASSESSMENT TABLES

Transport Scotland

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A7-4. Population and Human Health Assessment Tables

A7-4.1. Introduction

- A7-4.1.1. The following tables outline the potential impacts of the Proposed Scheme through construction and operational phases. Residual impacts have been set out and are assessed under [Design Manual for Roads and Bridges \(DMRB\) LA 112 Population / Land Use and Accessibility](#) and Institute of [Environment Management and Assessment \(IEMA\) \(Human health\)](#) considerations respectively (see Volume 4, Appendix A7.2 Population and Human Health Methodology). Impacts are assigned a sensitivity and magnitude in line with parent standard/guidance documents to derive residual effect. Note Human health considerations, while assessed through IEMA guidance, are also attributed a Health Outcome in order to maintain alignment with DMRB LA 112. The reduced scope of the MTS is reflected in the number of assessment tables presented here. Note where it was felt beneficial to include assessment tables within Chapter 7 Population and Human Health, these have not been repeated here. Cross reference to the appropriate table in Chapter 7 is then made.

A7-4.2. Construction

Social Environment

Housing / Private property and housing

A7-4.2.1. Table A7-4-1 below sets out the assessment of Housing / Private Property and housing. Note less than 30 residential properties within the study and wider area.

Table A7-4-1 - Assessment of Impact on Housing / Private Property and Housing

Assessment Criteria	Potential Impact	Sensitivity	Impact Magnitude	Pre-Mitigation Effect	Mitigation	Residual Effect
Population / Land use and accessibility	Disruption to access for 1 No. properties with direct access from A83 and Old Military Road (OMR).	Medium	Minor	Temporary, slight adverse	PHH1	Temporary, slight adverse
Human Health	Health and wellbeing outcome from construction works adjacent 1 No. houses with direct access from A83 and OMR	Medium (wider groups) High (vulnerable groups)	Low	Temporary, Minor Adverse (Not Significant) DMRB finding: Negative – an adverse health impact is identified	PHH1	Temporary, Minor Adverse (Not Significant) DMRB finding: Negative – an adverse health impact is identified

Summary of Residual Effects

- A7-4.2.2. Population / Land use and accessibility - Slight adverse impacts are anticipated on the property with direct access from the OMR as access will be disrupted during construction on the OMR. These effects will be temporary to the construction phase, direct and reversible
- A7-4.2.3. Human Health - Minor Adverse Health findings due to construction of the Proposed Scheme having impact on health and wellbeing to residents immediately adjacent the Proposed Development or in vicinity of compounds within the study area.

A7-4.3. Health Related Behaviours

Physical activity / Walkers cyclists and horse-riders (WCH)

WCH / Active travel assessment is presented in Table 7-4-2 of Chapter 7 Population and Human Health.

A7-4.4. Institutional and built environment

Wider societal infrastructure and resources / Agricultural Land Holdings

The assessment of wider societal infrastructure and resources / agricultural land holdings is presented in Tables 7-5-2 – 7-5- of Chapter 7 Population and Human Health.

A7-4.5. Operation

Social Environment

Housing / Private property and housing

A7-4.5.1. Table A7-4-2 below sets out the assessment of Housing / Private Property and housing during the operational phase. Note less than 30 residential properties within the study and wider area.

Table A7-4-2 - Assessment of Impact on Housing / Private property and housing

Assessment Criteria	Potential Impact	Sensitivity	Impact Magnitude	Pre-Mitigation Effect	Mitigation	Residual Effect
Population / Land use and accessibility	Improved access provisions along OMR.	Medium	Minor	Slight beneficial (not significant), permanent	None	Slight Beneficial (Not significant) Permanent
Human Health	Health and wellbeing outcome from amenity / access improvements at 1 No. houses with direct access from OMR	Medium (wider groups) High (vulnerable groups)	Low	Minor beneficial (Not Significant) DMRB finding: Positive – a beneficial health impact is identified	None	Permanent, Minor beneficial (Not Significant) DMRB finding: Positive – a beneficial health impact is identified

Summary of Residual Effects

A7-4.5.2. Population / Land use and accessibility - Slight beneficial (not significant) impacts are anticipated on the 1 No. properties with direct access from OMR as journeys become safer on operation of the Proposed Scheme

A7-4.5.3. Human Health - Minor beneficial effects and a positive health outcome is anticipated on operation of the Proposed Scheme. This is associated with improved conditions along the OMR for adjacent residents

A7-4.6. Health Related Behaviours

Physical activity / Walkers cyclists and horse-riders

A7-4.6.1. WCH / Active travel provisions within the extents of the Proposed Scheme have been identified in Volume 3 Figure 7.1 Population and Human Health. The assessment is presented in Table A7-4-3 as follows:

Table A7-4-3 - Assessment of Impact on Physical activity and WCH

Assessment Criteria	Potential Impact	Sensitivity	Impact Magnitude	Pre-Mitigation Effect	Mitigation	Residual Effect
Population / Land use and accessibility	Provision of an improved, wider and therefore safer informal WCH route on the OMR (OMR – LLTNP Core Path Corridor (Other Path)	Medium	Low	Slight Beneficial (Not Significant)	None	Slight Beneficial (Not significant) Permanent
Human Health	Impact on health and wellbeing associated with improved informal WCH route on the OMR (OMR – LLTNP Core Path	Medium (all groups)	Low	Minor Beneficial (Not significant) DMRB finding: Positive – a beneficial	None	Minor Beneficial (Not significant) DMRB finding: Positive – a beneficial health

Assessment Criteria	Potential Impact	Sensitivity	Impact Magnitude	Pre-Mitigation Effect	Mitigation	Residual Effect
	Corridor (Other Path)			health impact is identified		impact is identified

Summary of Residual Effects

- A7-4.6.2. Physical activity / Walkers cyclists and horse-riders - Slight beneficial effects associated with improved, wider informal WCH route on the OMR (OMR – LLTNP Core Path Corridor (Other Path). These effects are anticipated to be permanent. Note all other active travel WCH routes are anticipated to be unaffected by operation.
- A7-4.6.3. Human Health - Health and wellbeing benefits as a result of improved informal WCH route on the OMR (OMR – LLTNP Core Path Corridor (Other Path). These effects would be permanent and amount to a Positive Health Outcome in line with DMRB. Note all other active travel WCH routes are anticipated to be unaffected by operation.

Institutional and built environment

A7-4.6.4. Wider societal infrastructure and resources / Agricultural Land Holdings

A7-4.6.5. Table A7-4-4 below sets out the assessment of Wider societal infrastructure and resources / Agricultural Land Holdings within the study area. Of note there are agricultural buildings associated with 1 no. private farm holding situated adjacent to and accessed by the OMR which is currently in the possession of the farm holding.

Table A7-4-4 - Assessment of Impact on Wider societal infrastructure and resources / Agricultural Land Holdings

Assessment Criteria	Potential Impact	Sensitivity	Impact Magnitude	Pre-Mitigation Effect	Mitigation	Residual Effect
Wider societal infrastructure and resources / Agricultural Land Holdings	Anticipated operational access and viability issues as a result of new field boundaries and loss of OMR ownership by farm	Medium	Moderate	Moderate Adverse (Significant), Permanent to the operation phase of the Proposed Scheme	None	Moderate Adverse (Significant) Permanent
Wider societal infrastructure and resources / Agricultural Land Holdings	Improved access through provision of layby at agricultural buildings associated with 1 no. private farm holding	Medium	Minor	Slight Beneficial (Not Significant), Permanent to the operation phase of the Proposed Scheme	None	Slight Beneficial (Not Significant) Permanent

Assessment Criteria	Potential Impact	Sensitivity	Impact Magnitude	Pre-Mitigation Effect	Mitigation	Residual Effect
Wider societal infrastructure and resources / Agricultural Land Holdings	Severance issues at the farm holding relating to operational fencing around minor watercourse / field boundaries used as informal drinking supply for livestock	Medium	Minor	Slight Adverse (not significant)	None	Slight Adverse (not significant) Permanent

A7-4.6.6. Anticipated operational changes to working practices on the farm as a result of new field boundaries and the removal of ownership of the OMR for the farm is anticipated to result in moderate adverse impacts however, improved access through provision of a dedicated layby at agricultural buildings is associated with slight beneficial impacts. Effects are considered permanent.