

Appendix A10.3: Potential Impacts on Infrastructure, Properties and Cultural Heritage Receptors as a result of Groundwater Dewatering

1.1.1 This appendix provides an assessment within Table 1 of the impact of groundwater dewatering on infrastructure, properties, listed buildings and scheduled monuments and supports Chapter 10 (Geology, Soils, Contaminated Land and Groundwater).

Table 1: Potential Impacts on Infrastructure, Properties and Cultural Heritage as a Result of Groundwater Dewatering

Cutting ID	Approximate Chainage (m)	Nearby Receptors	Magnitude of Impact	Significance of Impact
C1	4845 - 4965	Existing A9	Negligible	Neutral
C1	4845 - 4965	The Highland Main Line Railway	Negligible	Neutral
C1	4845 - 4965	Multiple Properties (Craiglunie)	Negligible	Neutral
C1	4845 - 4965	Minor Road (A 924)	Negligible	Neutral
C1	4845 - 4965	Minor Road (B 8019)	Negligible	Neutral
C1	4845 - 4965	Multiple Properties (Faskally)	Negligible	Neutral
C1	4845 - 4965	Isolated Property	Negligible	Neutral
C3	5460 - 6000	Listed Building (LB17693 – Faskally House)	Negligible	Neutral
C3	5460 - 6000	Listed Building (LB47616 – Moulin)	Negligible	Neutral
C3	5460 - 6000	Existing A9	Negligible	Neutral
C3	5460 - 6000	The Highland Main Line Railway	Negligible	Neutral
C3	5460 - 6000	Multiple Properties (Faskally)	Negligible	Neutral
C3	5460 - 6000	Multiple Properties (Craiglunie)	Negligible	Neutral
C3	5460 - 6000	Minor Road (B 8019)	Negligible	Neutral
C3	5460 - 6000	Isolated Property (Boat House)	Negligible	Neutral

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Cutting ID	Approximate Chainage (m)	Nearby Receptors	Magnitude of Impact	Significance of Impact
C3	5460 - 6000	Multiple Properties (Wester Clunie)	Negligible	Neutral
C3	5460 - 6000	Minor Road (A 924)	Negligible	Neutral
C3	5460 - 6000	Craigower (Masts)	Negligible	Neutral
C3	5460 - 6000	Minor Road	Negligible	Neutral
C4	5225 – 5460	Existing A9	Negligible	Neutral
C4	5225 – 5460	The Highland Main Line Railway	Negligible	Neutral
C4	5225 – 5460	Multiple Properties (Craiglunie)	Negligible	Neutral
C4	5225 – 5460	Isolated Property	Negligible	Neutral
C4	5225 – 5460	Minor Road (A 924)	Negligible	Neutral
C4	5225 – 5460	Isolated Property (Boat House)	Negligible	Neutral
C4	5225 – 5460	Minor Road (B 8019)	Negligible	Neutral
CS1	0 – 165	Existing A9	Negligible	Neutral
CS1	0 – 165	Minor Road	Negligible	Neutral
CS1	0 – 165	Listed Building (LB39857 – Cottages)	Negligible	Neutral
CS1	0 – 165	Listed Building (LB47636 – Farmhouse)	Negligible	Neutral
CS1	0 – 165	Listed Building (LB47637 – Steading)	Negligible	Neutral
CS1	0 – 165	Isolated Building (Theatre)	Negligible	Neutral
CS1	0 – 165	Multiple Properties	Negligible	Neutral
CS1	0 – 165	Multiple Properties (Middleton of Fonab)	Negligible	Neutral

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DMRB Stage 3 Environmental Statement

Appendix A10.3: Potential Impacts on Infrastructure, Properties and Cultural Heritage as a result of Groundwater Dewatering



Cutting ID	Approximate Chainage (m)	Nearby Receptors	Magnitude of Impact	Significance of Impact
CS1	0 – 165	Foss Road	Negligible	Neutral
CS1	0 – 165	Multiple Properties (Tummel)	Negligible	Neutral
CS1	0 – 165	Multiple Properties (Fonab)	Negligible	Neutral
CS1	0 – 165	Listed Building (LB39857 – Multiple Properties)	Negligible	Neutral
CS1	0 – 165	Listed Building (LB39858 – Bridge)	Negligible	Neutral
CS1	0 – 165	Listed Building (LB47535 – Cottage)	Negligible	Neutral
CS1	0 – 165	Listed Building (LB47536 – Coach House)	Negligible	Neutral
CS1	0 – 165	Listed Building (LB47537 – House)	Negligible	Neutral
CS1	0 – 165	Listed Building (LB47538 – Inn)	Negligible	Neutral
CS4	0 – 70	Existing A9	Negligible	Neutral
CS4	0 – 70	The Highland Main Line Railway	Negligible	Neutral
CS4	0 – 70	Minor Road	Negligible	Neutral
CS4	0 – 70	Multiple Properties	Negligible	Neutral
CS4	0 – 70	Listed Building (LB47616 – Moulin)	Negligible	Neutral
CS5	10 – 150	Existing A9	Negligible	Neutral
CS5	10 – 150	Multiple Properties (Balmore)	Negligible	Neutral
CS7	0 - 220	Existing A9	Negligible	Neutral
CS7	0 - 220	The Highland Main Line Railway	Negligible	Neutral

A9 Dualling Programme: Pitlochry to Killiecrankie

DMRB Stage 3 Environmental Statement

Appendix A10.3: Potential Impacts on Infrastructure, Properties and Cultural Heritage as a result of Groundwater Dewatering



Cutting ID	Approximate Chainage (m)	Nearby Receptors	Magnitude of Impact	Significance of Impact
CS7	0 - 220	Multiple Properties (Middleton of Fonab)	Negligible	Neutral
CS7	0 - 220	Isolated Building (Theatre)	Negligible	Neutral
CS7	0 - 220	Foss Road	Negligible	Neutral
CS7	0 - 220	Multiple Properties	Negligible	Neutral
CS7	0 - 220	Multiple Properties (Fonab)	Negligible	Neutral
CS7	0 - 220	Multiple Properties (Tummel)	Negligible	Neutral
CS7	0 - 220	Listed Building (LB39857 – Multiple Properties)	Negligible	Neutral
CS7	0 - 220	Listed Building (LB39858 – Bridge)	Negligible	Neutral
CS7	0 - 220	Listed Building (LB47535 – Cottage)	Negligible	Neutral
CS7	0 - 220	Listed Building (LB47536 – Coach House)	Negligible	Neutral
CS7	0 - 220	Listed Building (LB47537 – House)	Negligible	Neutral
CS7	0 - 220	Listed Building (LB47538 – Inn)	Negligible	Neutral
CS7	0 - 220	Listed Building (LB47636 – Farmhouse)	Negligible	Neutral
CS8	380 – 530	Existing A9	Negligible	Neutral
CS8	380 – 530	The Highland Main Line Railway	Negligible	Neutral
CS8	380 – 530	Minor Road	Negligible	Neutral
CS9	50 - 260	Existing A9	Negligible	Neutral
CS9	50 – 260	The Highland Main Line Railway	Negligible	Neutral
CS9	50 – 260	Minor Road	Negligible	Neutral

A9 Dualling Programme: Pitlochry to Killiecrankie

DMRB Stage 3 Environmental Statement

Appendix A10.3: Potential Impacts on Infrastructure, Properties and Cultural Heritage as a result of Groundwater Dewatering



Cutting ID	Approximate Chainage (m)	Nearby Receptors	Magnitude of Impact	Significance of Impact
CS10	950 – 1030	Existing A9	Negligible	Neutral
CS10	950 – 1030	The Highland Main Line Railway	Negligible	Neutral
CS10	950 – 1030	Minor Road	Negligible	Neutral
CS10	950 – 1030	Multiple Properties	Negligible	Neutral
Basin D	0 - 158	Existing A9	Negligible	Neutral
Basin D	0 - 158	Minor Road	Negligible	Neutral
Basin D	0 - 158	Multiple Properties (Dunfallandy)	Negligible	Neutral
Basin D	0 - 158	Listed Building (LB11854 – Hotel)	Negligible	Neutral
Basin D	0 - 158	Listed Building (LB11855 – Farm & Stables)	Negligible	Neutral
Basin G	0 - 150	Existing A9	Negligible	Neutral
Basin G	0 - 150	The Highland Main Line Railway	Negligible	Neutral
Basin G	0 - 150	Minor Road (A 924)	Negligible	Neutral
Basin G	0 - 150	Minor Road (B 8019)	Negligible	Neutral
Basin G	0 - 150	Multiple Properties	Negligible	Neutral
Basin I	0 - 182	Existing A9	Negligible	Neutral
Basin I	0 - 182	The Highland Main Line Railway	Negligible	Neutral
Basin I	0 - 182	Minor Road	Negligible	Neutral
Basin I	0 - 182	Multiple Properties	Negligible	Neutral
Basin I	0 - 182	Listed Building (LB47616 – Moulin)	Negligible	Neutral

A9 Dualling Programme: Pitlochry to Killiecrankie

DMRB Stage 3 Environmental Statement

Appendix A10.3: Potential Impacts on Infrastructure, Properties and Cultural Heritage as a result of Groundwater Dewatering



Cutting ID	Approximate Chainage (m)	Nearby Receptors	Magnitude of Impact	Significance of Impact
CC1	WF65	Existing A9	Negligible	Neutral
CC3	WF 74	Existing A9	Negligible	Neutral
CH1	140 – 162	Minor Road	Negligible	Neutral
CH3	400 – 450	Minor Road	Negligible	Neutral
CH4	540 – 600	Minor Road	Negligible	Neutral