

# M5 Junction 10 Improvements Scheme

## Environmental Statement Appendix 10.3 Land Contamination Impact Assessment Tables

**TR010063 – APP 6.15**

Regulation 5 (2) (a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

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# Infrastructure Planning Planning Act 2008

## The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

### M5 Junction 10 Improvements Scheme Development Consent Order 202[x]

#### 6.15 Environmental Statement

#### Appendix 10.3 Land Contamination Impact Assessment Tables

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# 1. Land Contamination Impact Assessment Tables

This appendix is to support the Chapter 10 (Geology and Soils) (application document TR010063 – APP 6.8) of the Environmental Statement for M5 Junction 10 Improvements Scheme.

Table 1-1- Construction phase effects of land contamination for the Scheme.

Receptor Group	Receptor	Value / Sensitivity	Magnitude of Impact	Effect	Significance
Human health: On-site	Construction and maintenance workers of current roads	Medium	Minor	Slight*	Not Significant
	Pedestrians accessing existing roads, footpaths and public rights of way	Low	Minor	Neutral*	Not Significant
	Current road users	Low	Minor	Neutral*	Not Significant
	Users of the new Scheme	Low	Minor	Neutral*	Not Significant
	Farmers and workers on agricultural land	Medium	Minor	Slight	Not Significant
Human health: Off-site	Residents in adjacent properties	Very high	Negligible	Slight	Not Significant
	Users of adjacent commercial / industrial premises	Medium	Negligible	Slight	Not Significant
	Pedestrians accessing surrounding roads, footpaths and public rights of way	Low	Minor	Neutral*	Not Significant
	Farmers and workers on agricultural land	Medium	Minor	Slight	Not Significant
Controlled Waters: Groundwater	Groundwater in Secondary A Super aquifers (Alluvium and Cheltenham Sand and Gravel)	Medium	Minor adverse	Slight	Not Significant
	Groundwater in Secondary A bedrock aquifer (Rugby Limestone Formation)	Medium	Minor adverse	Slight	Not Significant

Receptor Group	Receptor	Value / Sensitivity	Magnitude of Impact	Effect	Significance
	Groundwater in Secondary bedrock undifferentiated aquifer (Charmouth Mudstone Formation)	Low	Minor adverse	Neutral*	Not Significant
Controlled Waters: Surface waters (on-site)	River Chelt, Leigh Brook and surface water drains	High	Minor adverse	Slight*	Not Significant
Controlled Waters: Surface waters (off-site)	River Chelt, Leigh Brook and surface water drains	High	Minor adverse	Slight*	Not Significant

Note: '\*' denotes that professional judgement has been applied where the effect could be taken as either neutral or slight.

Table 1-2- Operation phase effects of land contamination for the Scheme.

Receptor Group	Receptor	Value / Sensitivity	Magnitude of Impact	Effect	Significance
Human health: On-site	Construction and maintenance workers of current roads	Medium	Negligible	Slight*	Not Significant
	Pedestrians accessing existing roads, footpaths and public rights of way	Low	Negligible	Neutral *	Not Significant
	Current road users	Low	Negligible	Neutral *	Not Significant
	Users of the new road Scheme	Low	Negligible	Neutral *	Not Significant
	Farmers and workers on agricultural land	Medium	Negligible	Slight*	Not Significant
Human health: Off-site	Residents in adjacent properties	Very high	Negligible	Slight	Not Significant
	Users of adjacent commercial / industrial premises	Medium	Negligible	Slight	Not Significant

Receptor Group	Receptor	Value / Sensitivity	Magnitude of Impact	Effect	Significance
	Pedestrians accessing surrounding roads, footpaths and public rights of way	Low	Negligible	Neutral *	Not Significant
	Farmers and workers on agricultural land	Medium	Negligible	Slight*	Not Significant
Controlled Waters: groundwater	Groundwater in Secondary A Super aquifers (Alluvium and Cheltenham Sand and Gravel)	Medium	Negligible	Slight*	Not Significant
	Groundwater in Secondary A bedrock aquifer (Rugby Limestone Formation)	Medium	Negligible	Slight*	Not Significant
	Groundwater in Secondary bedrock undifferentiated aquifer (Charmouth Mudstone Formation)	Low	Negligible	Neutral*	Not Significant
Controlled Waters: Surface waters (on-site)	River Chelt, Leigh Brook and surface water drains	High	Negligible	Slight*	Not Significant
Controlled Waters: Surface waters (off-site)	River Chelt, Leigh Brook and surface water drains	High	Negligible	Slight*	Not Significant

Note: '\*' denotes that professional judgement has been applied where the effect could be taken as either neutral or slight.

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