

WebTAG Unit 3.3.11 Groundwater Input

Description of study area/Summary of potential impacts	Feature	Attributes/ Services	Quality	Scale	Rarity	Substitutability	Importance	Magnitude	Significance
Study Area:									
Potential Impacts:	Water Supply	Minor Aquifer	Not known. Rural area could contain ammonia at elevated levels. Groundwater down gradient of landfills and waste transfer stations may be polluted to some degree. Vulnerability varies from High (undefined) to intermediate	No abstractions within 1.5 km of the scheme route	Moderately scarce	Surface run-off will be treated and returned to either groundwater or surface water	Medium	Negligible	Insignificant
	Transport and dilution of waste products	To streams or flood plains	Water will be pre-treated using petrol interceptors in reach A and petrol interceptors and reed beds in reaches B to E	NA					
	Value to Economy	NA Houses on mains, no groundwater abstractions in site vicinity.							
	Biodiversity	Groundwater is	Sufficient	to	High	Scarce	None	Very High	Negligible

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		close to surface in low lying areas and supports boggy ground in Combe Haven SSSI, Filsham Reedbed Nature Reserve and Decoy Pond Wood SSSI	support SSSIs						Significance
	Conveyance of flood flows	Flow routes	Groundwater fed pond links with surface water in times of flood	Local	Scarce	Not relevant	Low	Negligible	Insignificant
		Groundwater levels	Often at ground level in low lying area	Local	Moderate	Not relevant	High	Negligible	Insignificant

The overall Assessment score is 'Neutral' with respect to groundwater since the significance of the features are all insignificant.