

ExQ1	Question to:	Question:	Thames Water's Response
WE.1.8	<p>The Applicant</p> <p>Thames Water</p>	<p>ES Chapter 11 – Water Environment</p> <p>Table 11.3.4 of ES Chapter 11 [APP-036] states that Thames Water will be undertaking its own assessment of the impact on its network. It is assumed that this will include the capacity of nearby Wastewater Treatment Works to accommodate any increase in wastewater arising from the Proposed Development.</p> <p>Has this been completed? Will the findings be submitted into the Examination and if so, when? Also explain how any necessary infrastructure improvements would be secured.</p>	<p>Thames Water Utilities Limited (“TWUL”) are undertaking both process (wastewater treatment) and network modelling studies to review the impact of the proposed development on the capacity of both Horley and Crawley Sewage Treatment Works (“STWs”) as well as the receiving networks. This assessment includes “domestic” foul flow as a result of increased passenger numbers from the terminal buildings. Data has been passed to TWUL from Gatwick Airport Limited (“GAL”) to undertake the studies and access to undertake surveys is being arranged or has already been provided.</p> <p>Any assessment or upgrades to infrastructure due to Trade Effluent (as defined in the Water Industry Act) will need to be funded by GAL in full. This includes de-icing chemicals and other contaminated water.</p> <p><u>Process Modelling and Future Upgrades</u></p> <p>An initial assessment of the impact of the development on both Horley and Crawley STWs has been completed and was provided to GAL on 8th April 2024. To complete a detailed assessment, more field data is being collected. The initial assessment will be superseded by this detailed assessment which will be available in November 2024 (surveys permitting). A summary of this will be made available to the Examining Authority.</p> <p>Upgrades at the STWs due to this development are expected after 2030 due to the timing of the development and current available capacity.</p> <p>Funding for these STW upgrades will be secured through a regulatory Price Review process, where every 5 years TWUL submits a business plan to Ofwat, the economic regulator for the Water Industry in England and Wales, to secure investment. This has not yet occurred as the current Price Review Process (PR24) covers the period 2025 to 2030 and TWUL forecasts the upgrades will only be required after 2030.</p>

			<p><u>Network Modelling and Future Upgrades</u></p> <p>An initial assessment of the impact on the sewage network is underway and is due to be completed in May 2024. A detailed assessment will follow once additional field data is collected. TWUL anticipate this to be completed in early 2025. As this date is past the examination deadline, a summary of the assessment's progress and the potential options to mitigate any detriment can be submitted to the Examination in lieu of the final reports.</p> <p>Network infrastructure upgrades for domestic (including terminal building) flows are anticipated. They are funded through Infrastructure Charges. This is a fund that all developers pay into when connecting new developments to TWUL assets and allows the delivery of upgrades to our network to accommodate an increase in flow associated with development.</p> <p>TWUL require an agreed delivery phasing plan from GAL to ensure that upgrades to TWUL assets are delivered in time. Any alteration, especially an acceleration of delivery, may compromise TWUL's ability to deliver the required infrastructure in time and would therefore need to be agreed with TWUL in advance.</p> <p>TWUL also expects surface water to be managed in accordance with the surface water disposal strategy outlined in Building Regulations as well as local planning policy for surface water discharge rates. TWUL would expect development of this nature to yield a net reduction in pre-development surface water discharge rates, to greenfield conditions. This will ensure that no infrastructure upgrades to surface water sewers will be required as part of this development.</p>
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CA.1.17	Statutory Undertakers	<p>Acquisition of Statutory Undertakers' Land</p> <p>The SoR, paragraph 8.2.5 [AS-008], states that adequate protection for statutory undertakers will be included within protective provisions in the DCO. GAL therefore considers that statutory undertakers will not suffer serious detriment to the carrying on of the undertaking as a result of the CA of land or rights over land or powers of TP. For those statutory undertakers who have been sent the draft protective provisions but have not confirmed agreement, please explain for each one why these protective provisions are considered to provide adequate protection and why GAL considers that the land and rights can be acquired without serious detriment to the carrying on of the undertaking.</p>	<p>Thames Water Utilities Limited ("TWUL") has assets and land within and adjoining the DCO boundary which are necessary to fulfil its statutory functions. If TWUL were to be not in possession of those assets, its ability to perform its statutory functions and licence obligations would be restricted.</p> <p>TWUL acknowledges the protective provisions which are currently included in the draft DCO [REP1-004] stipulate that apparatus may only be acquired by agreement and cannot be subject to compulsory acquisition. However, this does not provide TWUL with adequate protection in the event that the Applicant exercises its compulsory powers of acquisition over land in which TWUL has an interest for the purposes of carrying out its statutory functions in relation to its apparatus. TWUL does not therefore agree that the protective provisions as currently drafted mean that the Applicant can compulsorily acquire land and rights without serious detriment to TWUL's undertaking.</p>
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