

Tank Installation & Compliance



Client – Kier Group

Project – Septic Tank Decommissioning and Cesspool Installation

Hampshire County Councils public conveniences at Kintbury were closed, due to its septic tank filling up, without the use of the public conveniences. KpH were engaged to carry out an initial site investigation, identify the problem and offer a solution.

During initial investigation works the septic tank was emptied and a confined space team man entered the tank to carry out a survey, ingress of water was identified from a crack within the septic tanks wall. KpH submitted its report with recommendations offering a solution, this involved the decommissioning of the existing septic tank and installation of a new full retention cesspool.

Works were severely hampered by a high water table, the Kennet and Avon canal being adjacent to the public conveniences. A specialist dewatering system was installed having gained consent from British Waterways to discharge the ground water back into the Kennet and Avon canal. The silt buster and dewatering system required careful monitoring through out the working day, due to hoses running across the canals public foot path.

The scope of works included:

- Draining of the existing septic tank via vacuum tanker, including jet washing and cleaning
- Decommissioning the existing tank with concrete slurry
- Mobilisation to site with “Heras” fencing and suitably rated excavator
- Excavation and installation of the dewatering system, discharging ground water back into the canal via silt buster and 5-stage mobile water separator
- Excavating to a depth of 3.5 metres in readiness for the new cess pool
- Installation of a new 23,000 litre full retention cesspool complete with a high level alarm
- Reconnection of existing pipework from the public convenience to the new cesspool
- Re-instatement of the public car park outside the public convenience with a new concrete slab and tarmac finish to match the existing car park

The site was handed back to the local council and the public convenience re-opened for use by the general public and canal boat owners.

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