

Provision of Chemical Toilet Facilities



An essential requirement of any Certificated Site is a disposal point (CDP) for chemical waste. The disposal point may be housed in a purpose built structure or located outside and must be positioned within 100 metres of the camping area.

The Club requires the provision of a suitable disposal point for chemical toilet waste. This should consist of a suitable collection receptacle with a means of rinsing away or flushing waste. A "p" trap should be fitted to prevent odours.

Where a CDP is located externally, especially where a cesspool or tank is used for collection, provision should be made to prevent rainwater entering the system (this is to prevent excessive costs of disposal).

Typical Examples Of External CDP's On Sites



Suitable access must be available for cesspool and tank systems, to allow the sewage tanker to periodically empty the CDP collection vessel.

A water supply, fitted with a suitable anti-siphon/airgap device and controlled by a tap or valve, must be provided to the point of discharge for rinsing campers toilet cassettes.

A means should be provided to direct the flow such as a short length of hose pipe which must not be longer than 30cms and must not touch any surface. This must be signed "not drinking water", with an approved sign.

Examples of approved signage that can be obtained from our Exempted Camping Department



Drainage

Cesspools

The chemicals used in chemical toilet fluid kill friendly bacteria and must not be allowed to contaminate the ground. Additionally, chemical toilet waste should not be disposed of through septic tanks or small sewage treatment plants, as they rely on bacterial action for correct treatment.

Chemical toilet waste should be either retained in a suitable receptacle (cesspool) or, if available via mains drainage (sewers). A cesspool is a self contained holding tank with no outlets.

A septic tank is unsuitable due to the levels of filtration. Effluent is able to seep into the ground surrounding the unit resulting in contamination.

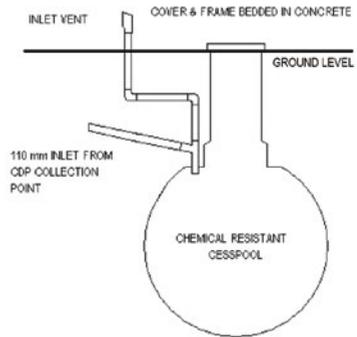
Suitable cesspools are fibre glass and should have a suitable lining to resist any attack by the chemicals in the waste. Alternatively a brick or concrete chamber with a suitably chemical resistant lining and covers may be used. Venting should be fitted. A 600 gallon (2700 litre) cesspool should be adequate to allow one empty / season. Note: This is dependent upon the amount of water discharged by flushing and rainwater ingress.

If a manufactured cesspool is chosen, it should be installed by a competent builder in accordance with the manufacturer's instructions (incorrectly installed cesspools may either split or float out of the ground). A suitable hatch and cover must be provided to allow emptying of the cesspool. The cover should preferably be lockable or removable by "keys" to prevent access by children. The level within the cesspool should be checked regularly to ensure it does not overflow. Alternatively a high level alarm can be fitted which monitors levels.

Legal Considerations

Mains Drainage

If you wish to dispose of chemical toilet waste via the mains sewers, please contact your local Environment Agency to check this is acceptable in your area.



Cesspools and Waste Holding Tanks

Planning permission may be required to install a cesspool. We advise that you contact your local planning department to check if planning permission is required before installation

Note: In Scotland cesspools are not permitted for normal domestic installations, ensure you make clear the purpose of your installation.

Chemical toilet waste is classified as special waste and must be consigned to a licensed waste carrier for disposal.

Water Supply

Water supply must conform to the "Water Byelaws", please contact your local council Environmental Health Officer for information.

Note: This concerns the potential to contaminate the water supply and consists of considerations to prevent back siphoning and measures to isolate the outlet to prevent contamination during maintenance.

Useful Contacts

Drainstore.com provide advice and installation of waste disposal tanks, and offer our CS owners an exclusive discount.

www.drainstore.com

01773 767611

Kingspan (suppliers of treatment systems, "silage tank", range is suitable for blue chemical toilet waste).

www.kingspanenv.com

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