

Non-Technical Summary

Essex Utilities Ltd are applying for a bespoke permit based on the rules in SR2010 No12 to store and treat construction and demolition waste. Essex Utilities Ltd cannot apply for SR2010 No12 is due to the proximity of Titsey Woods SSSI & boreholes used for the abstraction of water for human consumption and other sensitive receptors

All conditions on the standard rules permit including the waste types and EWC's contained within it will be complied with i.e. no more than 75,000t per annum. A conservation screen has been completed and the map appears below. See SR2010 No12 for EWC codes.

17/10/2018

Moorhouse Sand Pit, Rear Of Redlands, Westerham, TN16 2ET



Scale: 1:2500 | Area 36Ha | Grid Reference: 542475,154292 | Paper Size: A3

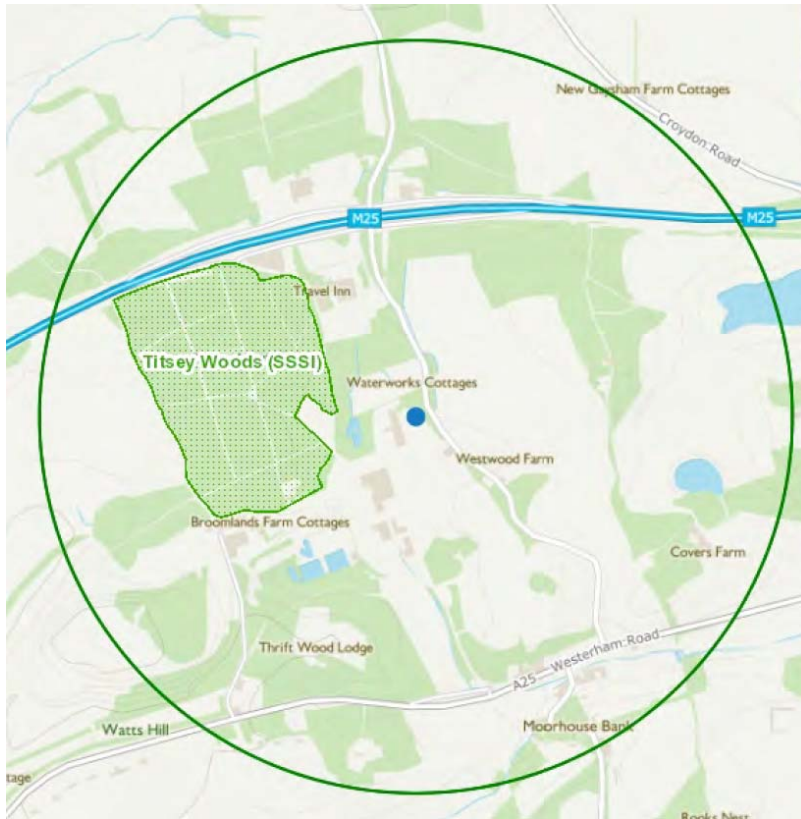


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Site Boundary

Map showing proximity of Titsey Woods SSSI.



Operations

The site will import local C&D waste and crush and screen it for onward recovery elsewhere. There will be a bucket crusher and screener on site. Waste is imported from excavations produced by utilities work. Soil is then crushed (by bucket crusher to reduce size) and screened (to separate by particulate size) into smaller fractions which are exported as separate grade fractions for particular purposes. There is little else to say about the operation as it is a simple process.

Wastes are stored on site temporarily but removed from site asap as this is a commercial operation (turnover required).

The site is located at Westerham Rd, Westerham TN16 2ET. The site is remote not viewable from the road and has limited residential neighbours.

Plant

Plant in use will be a bucket crusher and screener.

The site will only deal with inert C&D waste and no hazardous waste will be allowed to enter the site as per SR 2010 No12 conditions. No other wastes apart from those listed on SR2010 No12 will be accepted at the site.

Surface Water

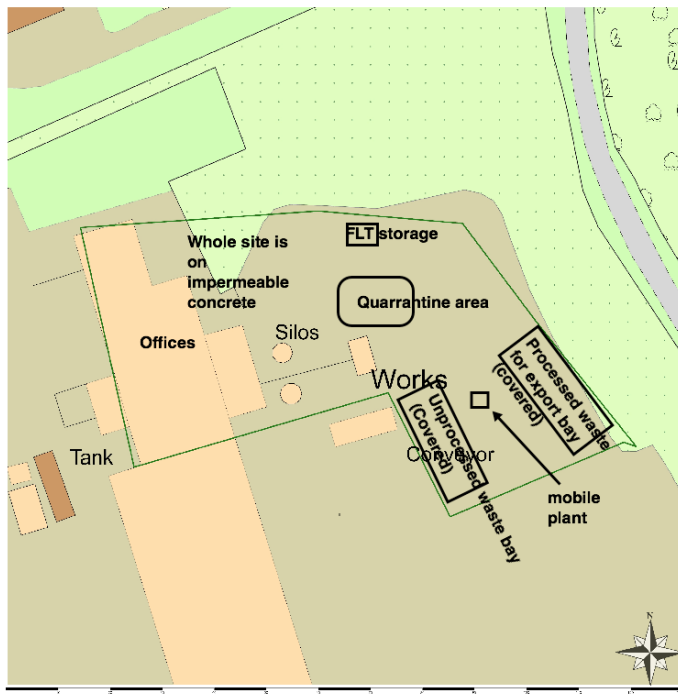
Surface water in contact with waste will not be allowed to enter the SW system but will be protected via a system of bunds/roofs and aco drains. Clean surface water from roofed waste areas will be directed to the local surface water system via interceptors and silt traps. Monitoring for suspended solids at W1 as per fig 2 will be as required by the EA. In any case monitoring will mainly be for SS and a water sample will be taken monthly to analyse for suspended solids from the final outlet chamber. Values over 30mg/l will instigate emptying of the final chamber by gulping by a registered waste management company if required.

Waste will be stored on an impermeable surface to protect the underlying SPZ.

Fig 1 site layout

04/04/2019

Moorhouse Sand Pit, Rear Of Redlands, Westerham, TN16 2ET



Scale: 1:500 | Area 1.69Ha | Grid Reference: 542557,154070 | Paper Size: A3



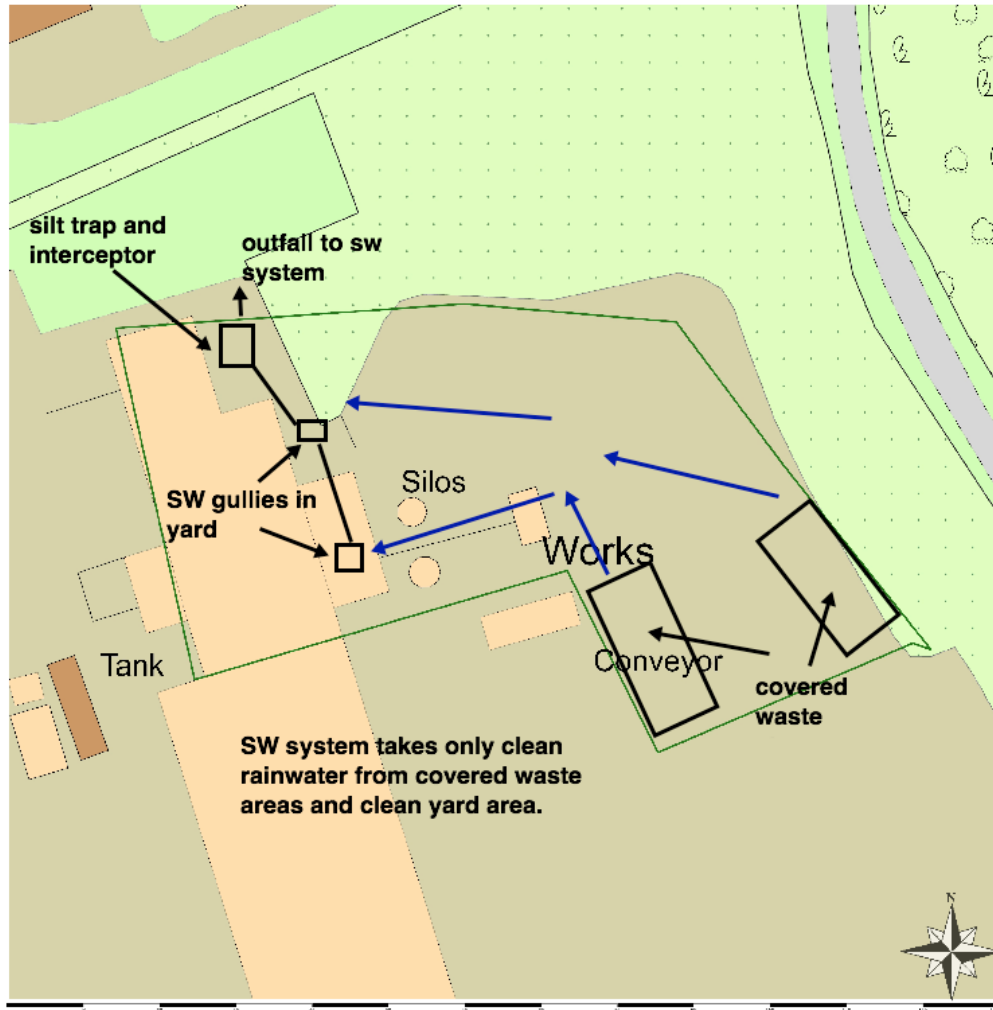
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Fig 2 site drainage

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