



ECS Engineering Services is to replace the automated trash screen cleaner grab units at the Environment Agency's Candy Farm North and Candy Farm South pumping stations near Doncaster.

Sweet success at Candy Farm water treatment works

Contracts for the works were confirmed after site visits and ECS's advice that it would not be economic to refurbish the existing equipment. Instead ECS proposed replacement of the old trolleys and grabs with new units made by Landustrie in the Netherlands, for whom ECS is the appointed UK agent.

Case Study: 042

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In detail ECS recommended the use of identical units on both sites, Landustrie's new R71-6 units. These will have grab widths of 1000-1200mm, a hoisting capacity of 700 kg and work to a depth of 8.3 metres. They will be fitted with special two-cable winches with built-in safety features, including cable management systems and a drive motor fitted with an integral brake. With over a century of world-wide experience, Landustrie is a leading solutions provider in the field of water technology. It has a policy of constantly developing its screen cleaners and other technologies. An in-house fully equipped

research and test facility allows it to accurately reproduce real life situations so that designs can be tested in realistic environments. The company manufactures a number of different screen cleaners, the R71 series being designed so that they can be used in a wide variety of applications. They are typically used for cleaning screens at pumping stations, sewage treatment plants, wastewater pumping stations and also at drinking, process plants, cooling water intakes and barrages. ECS has a long and successful association with Landustrie and together they deliver reliable

and cost effective engineering solutions, often to bespoke designs, to the water supply, energy and environmental industries.

Commenting on the projects, ECS's contract manager Jamie Wesley says: "Candy Farm North and South can both look forward to many years of trouble free operation of their new equipment. The local rivers and wider environment will be protected and the treatment works will be able to run trouble free with minimal maintenance and servicing."

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