

Warburtons

Food and drink



SUEZ has engineered and delivered a sustainable, reliable solution to provide consistent effluent treatment to meet Warburtons ambitious expansion plans. This included managing the increased effluent volumes and ensuring it met its stringent discharge consent that have been set to protect our environment.



About the customer

Warburtons, the UK's leading independent bakers, has invested £70 million into their Enfield bakery since 2003. SUEZ in the UK are proud to be responsible for the latest development and investment at the Enfield site, where Warburton serves 2,000 of its customers every day. SUEZ has fully designed and installed a water treatment plant including a dosing system to correct the pH levels in the effluent.



Solution implemented

The Warburtons bakery at Enfield had experienced several excursions from their effluent discharge consent and wanted to eliminate any further breaches through the installation of a pH correction system.

With a 24/7 operation running 354 days a year, Warburtons required a water treatment plant that can perform to the same high levels as their food production processes. SUEZ were the perfect partner to offer Warburtons the engineering and effluent treatment expertise to establish a water treatment plant, which will ensure effluent discharge is maintained between pH 6 – 11.

SUEZ has designed, constructed and implemented a process critical effluent water treatment system which comprises of:

- Submersible inlet pumps
- 80 m³ Balance tank
- Recirculation system for the balance tank
- pH monitoring and control for the balance tank.
- Chemical dosing tanks for acid and caustic dosing for the control of the pH level
- Mcerts V notch weir outfall to existing sewer.
- Monitoring for pH and temperature of the final effluent stream.

Reliable and consistent effluent treatment solution

Benefits

- Effluent treatment plant and pH correction system that meets the growing demands of Warburtons production facility
- Consistent and reliable system that can effectively operate 24/7 in line with Warburtons continuous operating schedule
- Effluent that is treated to meets its stringent discharge consent to ensure a solution that is safe for our environment

contact

SUEZ Water UK on +44(0)870 241 6643
www.suezwater.co.uk

