

A guide to all things TE

This handy intro to TE is part of a series of cheat sheets that aims to simplify the seemingly dark arts that is Trade Effluent by enhancing staff knowledge and boosting confidence managing TE.



What is TE?

Trade Effluent (TE) is any **liquid waste**, including wastewater and chemicals, created by **commercial or industrial processes** such as cleaning, manufacturing, cooling, rinsing, etc. The composition can vary but often contains chemicals, solids, and organic matter.

TE is subject to regulation in the UK water market. As such, it **must be treated before discharging** into the environment. **UK businesses must get consent to discharge this effluent into the sewer network.**

Consent is granted through either a G/02 or G/03 bilateral* form. The new wholesaler will complete a risk assessment and review the ability to treat the proposed TE before they approve consent.

- A G/02 bilateral is used to discharge effluent ongoing
- A G/03 is used to discharge for fewer than six months



How is TE measured?

TE volumes and categories are measured through SPIDs & DPIDs. A Supply Point ID (SPID) is a unique number used to identify the services provided on a premise. **A Discharge Point is the moment where the responsibility for Trade Effluent passes from the business back to the wholesaler.**

A Discharge Point Identifier (DPID) is a unique digital identifier assigned to the Discharge Point and holds records of:

1. How the volume of effluent is measured (e.g., Metered or Calculated Discharge)
2. Any allowances (deductions) from the total volume
3. The different treatments it goes through before it is safe to discharge.

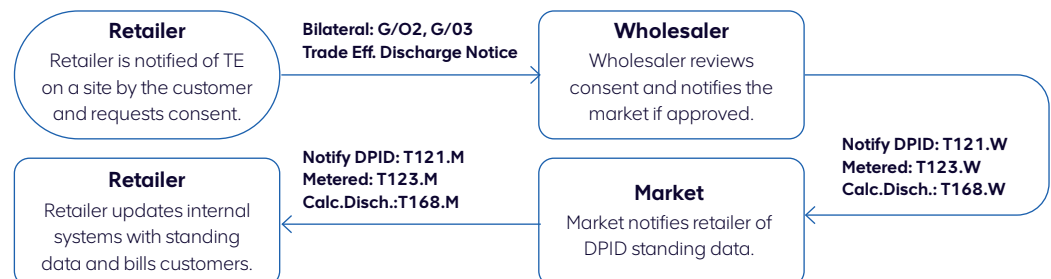
DPIDs are contained within SPIDs. As TE sites can have multiple types of effluent that go through different treatments to discharge, a TE site can have multiple DPIDs associated with the same SPID.



How does the process work?

The end-to-end process to set up any business to generate and discharge TE follows a process including communication between the customer, the water retailer & the water wholesaler, using a series of bilaterals.

The Setup Process



Trade Effluent is a crucial area of a water retailer’s customer base and has a significant impact on business cash flow.

Future topics in our TE series will include:

1. Intro to TE
2. TE Volume, Allowances & Calculated Discharge
3. Charge Types and Components
4. England Charge Calculations
5. Scotland Charge Calculations
6. TE Calculation Examples
7. Valytica Cloud and Trade Effluent

*A bilateral in the UK water market is a request document that is used to raise requests and agreements between retailers and wholesalers.