



# Wasting time on TRADE WASTE?

We are here to help you!

**BPO partners with clients to provide practical and affordable solutions, giving you peace of mind that your trade waste management is in good hands.**

## **Practical solutions for trade waste and monitoring:**

- ▶ Compliance with regulatory requirements
- ▶ Successful consent applications
- ▶ Reduction or elimination of trade waste charges
- ▶ Reduction of wastewater volumes
- ▶ Reduction of solids disposed to land & landfill
- ▶ Reuse of water in plant processes
- ▶ Waste-to-energy systems & energy recovery
- ▶ Sustainable solid organic waste & wastewater management
- ▶ Sustainability strategy development & implementation
- ▶ Operator training
- ▶ Wastewater parameter monitoring and reporting

## **BEST PRACTICAL OPTION FOR ENVIRONMENTAL SUCCESS**

### **Practical equipment water monitoring:**

- ▶ Water Surveys
- ▶ Portable and permanent waste water monitoring stations
- ▶ Temporary flow measurements
- ▶ Portable flow measurement installations
- ▶ Portable sampling stations
- ▶ Trade waste management plans
- ▶ Online analytical instrumentation
- ▶ Rental equipment and instrumentation

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**PRACTICAL PEOPLE,  
PRACTICAL SOLUTIONS...  
TALK TO US**

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**BPO**



## Client Issue:

**A recent audit identified that a Waikato confectionery manufacturer's trade waste was non-compliant for oil and grease.**

## Solution

A Waikato based confectionery manufacturer engaged BPO to carry out further trade waste characterisation of trade waste due to non-compliance found in a routine audit of this previously permitted activity.

An initial investigation suggested the 500L grease trap was incorrectly configured and sampling showed that their discharge was not compliant following a cleanout. The site had no way of measuring trade wastewater and the grease trap was potentially undersized based on total site water use, however anecdotal evidence suggested trade waste volumes were only a small portion of their water use.

BPO provided options to gauge trade waste flow and upgrading the grease trap. The original grease trap was found to have been installed sideways and the concrete slab of the surrounding area laid over the second chamber. Cleanouts were never clearing the second chamber of the grease trap and leading to the recontamination of the final discharge.

Following the installation, the site has had compliant oil and grease results and has lowered the concentration of solids and  $\text{cBOD}_5$  in the discharge which has extended the cleanout frequency from monthly to 3 monthly, and reduced the required monitoring frequency from 2 monthly to 4 monthly.

### **BPO has practical industry experience for:**

- ▶ Meat and fishery producers
- ▶ Manufacturing
- ▶ Breweries and distilleries
- ▶ Dairy Factories
- ▶ Supermarkets
- ▶ Fast food and hospitality
- ▶ Hospitals and healthcare providers
- ▶ Laundromats
- ▶ Motor and machinery servicing
- ▶ Carwash and self-service providers
- ▶ Liquid and hazardous waste operators