



**Environmental
Management
Services**

Trade Effluent Discharge Consent Case Study

Summary

We conducted Liquid Pollution Risk Assessments for a major UK Utility company following the acquisition of new sites. Several sites were found to be vehicle washing without the necessary infrastructure or consents.

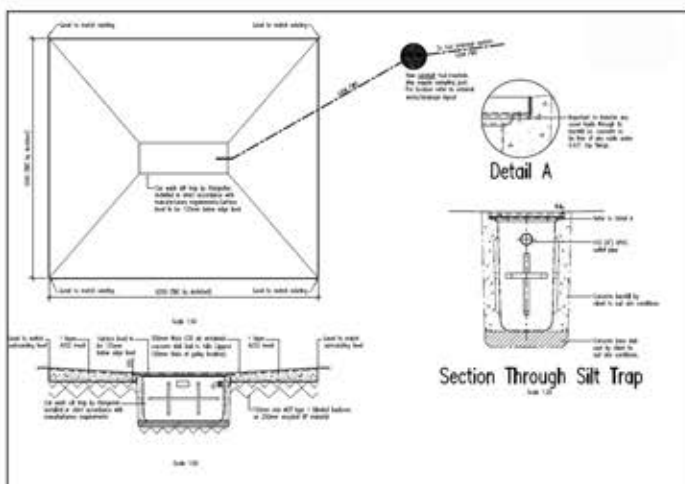
We completed a series of improvements to each site and secured Trade Effluent Discharge Consents to ensure they were operating within regulatory compliance

Site Assessments

GPT were providing external environmental assessments for a major UK Utility company following expansion to new geographical locations. We recommended undertaking Liquid Pollution Risk Assessments (LPRAs) on the additional depots acquired and found that amongst the greatest risk identified was that several depots were conducting vehicle washing without the necessary infrastructure or permits.

Sites were breaching the Water Industry Act 1991 by conducting vehicle washing without a designated wash bay and without trade effluent discharge consents. On several sites the areas being used for vehicle washing were draining directly to storm drains and subsequently controlled waters in breach of the Water Resources Act 1991.

As vehicle washing was a critical function for the sites we were asked to design and install suitable vehicle washing facilities and apply for trade effluent discharge consents to ensure ongoing legislative compliance.



Design

We conducted suitability assessments on all of the existing wash bays, most were found to be fit for purpose however several required upgrades.

On the sites which had no existing wash bays we designed new facilities taking into account operational concerns and the existing drainage on site.

Installs & Upgrades

Once the designs had been approved we conducted the installs and upgrades of the wash bay facilities including:

- Installing silt traps
- Installing interceptors
- Installation of impermeable surfaces (chamfered concrete)
- Conducting drainage alterations



Discharge Consents

Prior to the installs and upgrades being conducted we liaised with the local sewerage undertakers to ensure their assets had sufficient capacity to accept the proposed trade effluent.

Once the works had been completed we submitted the trade effluent discharge consent applications which were awarded, ensuring regulatory compliance at each site.