



## Environmental Management Services

### Interceptor Maintenance Case Study

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#### Summary

We were asked to conduct 6 monthly maintenance on 147 interceptors for a nationwide retail provider.

Despite the fact the interceptors had been emptied by a tanker every 6 months for the past 5 years we found that 13 of them had become broken and 21 of them had excessive silt levels.

If the previous maintenance had been conducted to the specification of the British Standard any issues with the interceptors could have been discovered in a timely manner and prevented the need for an expensive set of repairs.





We conducted a round of auditing on 147 interceptors for a nationwide retail provider. The company had previously had their interceptors emptied of all contents by a tanker every 6 months.

As opposed to emptying the systems we conducted 6 monthly maintenance in line with the requirements of the British Standard for interceptor maintenance BS EN 858-2:2003 where we:

- Measure the thickness of oil
- Assess the level of sludge/silt
- Check the operation of the automatic closure device
- Assess the coalescing device(s) for functionality
- Clean the drain channel in the sampling shaft
- Inspect the integrity of the system
- Inspect the inlet and outlet for blockages
- Produce written interceptor inspection report

During our auditing we found that, due to the tanker company conducting inadequate maintenance, 13 of the interceptors had developed structural issues posing a major risk of pollution to the environment.

Allowing these interceptors to fall into a state of disrepair meant expensive repairs were needed on the systems which may have been avoided had the correct maintenance checks been conducted during/instead of the services.





Despite the fact we conducted all of the audits within 6 weeks of the systems being serviced, 21 of the systems had excessive silt levels, suggesting the systems were not having the silt emptied effectively.

The clients were also not provided with reports meaning they were unable to evidence if any of the necessary maintenance checks from the British Standard had been conducted.



Our interceptor maintenance ensures that appropriate and regulatory compliant maintenance is being conducted. Our methodology also creates substantial financial savings and huge reductions in hazardous waste production, water usage and the company's carbon footprint.