

## **VOC detection in Industrial Estate, UK**

**Sector:** Drain Monitoring

**Application:** Monitoring of the drains at 6 different points to detect accidents and spillages

**Customer:** Waste Water Company, UK.

**Installation date:** 2007

**Problem:** The industrial estate has an history of spillages of different chemicals that then find their way to the drains, which feed directly into a river. The environmental authority has forced the site to install a monitoring system to locate

and stop the sources of pollution.

### **Product**

MS1000, replaced by MS1200-AIR with 4-20mA output to telemetry and fan system to draw air

### **Installation Facts**

Air is drawn from the drain via a fan into the analyser. The system detects spillages. An interesting instance was when an adhesives manufacturer discharging high levels of chemicals was discovered thanks to the MS system and this lead to them improving their treatment process.



Unit installed in a cabinet. There are 6 of these cabinets on the industrial estate and include heating system, lighting protection and connection to the telemetry system.