



LOCATION
Cwmbran, Wales

CLIENT
ARCADIS

VALUE
£100k

CAPACITY
Liquid: 6m³/hr;
Vapour; 750m³/hr
GAC: Vapour; 1m³,
Liquid; 1m³
Compressed Air: 1000 l/min;
15 connections

MULTIPHASE TREATMENT SYSTEM FOR A HEAVY VEHICLE BRAKING SYSTEM FACTORY

CHALLENGE

The supply, installation and commissioning of a bespoke multi-phase treatment system on the site of a manufacturer of heavy vehicle brakes. This included controlling the client's existing 15 pneumatic well pumps.

The area was heavily contaminated with petroleum hydrocarbons and chlorinated solvents.

- Provided SMS messaging, remote router access, flow recording and data logging

RESULTS

Client purchased the plant outright, as it had performed so efficiently

APPROACH

- Design and build of control panel to include telemetry and data acquisition systems that were compatible with, and connected to, additional systems on site
- Provided bespoke plant to meet site and client requirements, including: custom fabricated Stainless Steel Oil Water Separator, Stainless Steel Compact Tray Air Stripper to remove dissolved water contaminants. Vapour and water effluent treated by GAC filtration prior to discharge. A large rotary screw air compressor was included to drive the pneumatic borehole pumps
- Customised plant to include site specific requirements for visual and audible alarm signals



SERVICES

- Design & build services
- Process equipment
- Chemical & biological technologies
- Physical remediation



Your single source provider for remediation technologies

