

# CHEMICAL RECOVERIES

## Summer News 2007

### A busy Summer in Avonmouth

**Walkways** - We have continued on site to renew walkways and stairs. We have over 100 tanks and over 1/4 kilometre of walkways which connect at high level. We are replacing over 50% of the existing walkways at a cost of over £ 60,000 this year and are in year 3 of a 4 year programme. These all meet or exceed current UK standards.



**Weighbridge** - We have never had our own weighbridge and are to install a pit mounted weighbridge with a driver operated system which will integrate into our booking systems. In the Autumn it will integrate into our online system so weights and times on site will be added then for access over the Internet.



**Recovered Oil Filtering** - We have been running a 3 month trial for an ATEX approved enclosed filter system to replace the current vibratory screen. The trial was very successful in quality terms and also has a much lower environmental impact as there is less need to inspect and clean screens. We have now ordered the unit

For further information on any of the above, please visit our Website [www.chemrec.co.uk](http://www.chemrec.co.uk)

### Customer Profile

In order to portray our wide range of services, we will profile 2 of our customers in our newsletters.

#### Actionsmart, Caldicott

[www.actionsmart.co.uk](http://www.actionsmart.co.uk)

ActionSmart Environmental Ltd was formed in February 2004 by Darrell Whitmarsh and Janette Hurst. They specialize in industrial, environmental and waste management services.

The company deals with waste created by garages (batteries, oil filters, oily rags and waste oil) and industry, arranging disposal, cleaning and any services required. They are also on hand to empty ship bilges. Actionsmart also dispose of used drums and tanks as well as tank cleaning. The company is on call 24 hours.

We have worked with them as the recovery site for their customers spillages ranging from 20 litres to over 1000 tonnes in one location.



#### Brick Kiln Car Bodies, Childrey nr Wantage

An established body shop/ business of 19 years that began with 3 members and is now 35 strong at the Chilbury site. They provide services to a superbike and four Formula One teams based in the Oxfordshire area. Brick Kiln Car Bodies have been a customer for over 10 years and we have been providing them with a disposal service for their waste thinners and paint sludge as they are environmentally aware of the benefits of recycling and recycle where possible.



Chemical Recoveries would like to take this opportunity to thank Brick Kiln for their kindness in procuring a signed poster and cap for a terminally ill young boy who is an F1 fan

### What happens to recycled waste at Chemical Recoveries

| Waste   | Recycled into  |
|---|--|
| Engine oil  | Recycled into Fuel oil   |
| Car batteries   | New batteries or broken down for re-use as scrap metal and plastic               |
| Paint & thinners  | Recovered as Gunwash thinners or sent for kiln fuel                              |
| Solvent   | Laundered for re-use where possible or recycled into kiln fuel                   |
| Oil & Water   | Oil separated off for fuel oil and water treated and sent to sewer               |
| Leachates   | Treated in the bio-tower - then sent to sewer                                    |
| Oil Filters   | Crushed to extract oil and metal housing sent for recycling (by third parties)   |
| Oil Sludge  | Centrifuged to separate oil, water and filter cake.                              |
| Water & solvent   | Solvent distilled off for recovery and water treated for sewer release           |
| Glycols, antifreeze, Waste water with organic contamination | Anaerobic and aerobic digestion in biological treatment plant to recover methane |

### On-line Services

Producers and Brokers can securely log on, view and update contact and address details and access records of most movements in and out of our Avonmouth site.

The registration is free. They are able to nominate EA Contacts within their company so that the quarterly Hazardous Waste Returns are then emailed directly to them.

In order to access the system you will require:

- a valid consignment note
- name and email address

Register at [www.chemrec.co.uk/hwr](http://www.chemrec.co.uk/hwr)

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