

As part of Augean's commitment to strengthening the ties between our nine operational sites, the local communities nearby and our customers, we have now expanded the scope of our community newsletter to take in all of our sites.

Some people only know us as a landfill operator or perhaps as a waste treatment centre. We are both these things and more! Hopefully you will learn more about us as a company, what we do at our sites and, more specifically, what we do at the Augean facility closest to you.

I hope you find this newsletter interesting and informative.  
*Best wishes, Paul Blackler, CEO Augean PLC*

## What's In a Name?

People have often asked where we get the name Augean from. It is actually a classical reference to one of the Twelve Tasks of the legendary hero Hercules (known as Heracles to the Greeks).

Augeas, the King of Elis, kept a large number of cattle in a stable that had never been cleaned – the Augean Stable. For his fifth labour, Hercules was charged with cleaning the stable in a single day, a task not just meant to be unpleasant, but impossible. Using both his prodigious strength and some brainpower, Hercules diverted two rivers through the stables causing a torrent that swept them completely clean in the allotted time.

The Environment Agency would not approve of Hercules' methods these days! However, we at Augean have taken on the Herculean task to safely and efficiently recycle, recover, treat and dispose of just as difficult to manage wastes.

## Cook's Hole Update

Augean owns around 54 hectares of land known as Cook's Hole, located to the south of our Thornhaugh site, near Peterborough. The land at Cook's Hole was granted planning permission for the working of minerals in 1957 and workable minerals are still present on the site, in particular significant limestone reserves.

Under the Review of Old Mineral Planning Permissions (ROMPP), we applied to Peterborough City Council to update the existing planning conditions to bring them in line with modern legislation and working practices. The planning committee approved the ROMPP and associated applications in April 2011. The modernised scheme ensures that essential mineral resource is recovered while protecting a Grade II listed historic building, progressively restoring the land to agriculture, preserving valuable wetland habitat and enhancing the biodiversity of the site as a whole. No work at Cook's Hole has started to date.



The currently derelict, Grade II listed Cook's Hole Farmhouse.

## East Northants Resource Management Facility Update

Following the inquiry into our application to allow our East Northants Resource Management Facility (ENRMF) to accept Low Level Waste (LLW) in October, the Secretary of State for Communities and Local Government, Eric Pickle, announced his decision to uphold our appeal. LLW generally is suitable for near surface disposal such as at the national repository at Drigg and can have a radioactive content of up to 4000 Becquerels per gram (Bq/g) or 12,000 Bq/g depending on the activity. ENRMF will only accept LLW measuring between 0.4 and 200 Bq/g which is the bottom five per cent of this activity range of waste that can be accepted at near surface disposal facilities and consistent with other landfills in the UK.

In May we held three consultation days in the villages of Kings Cliffe, Collyweston, and Wood Newton regarding proposals for time and void extension applications for the site. These were supported by a successful Open Day and a public workshop where some of the key aspects of the applications were discussed in detail.

Recently we have become aware that due to emerging Government legislation relating to Nationally Significant Infrastructure Projects for hazardous waste facilities. The company is now obliged to submit the project proposals to the Infrastructure Planning Commission (IPC) for determination and not to Northamptonshire County Council. The objective of the IPC is to provide an efficient system for the Planning of Nationally Significant Infrastructure Projects while ensuring that communities have a full opportunity to comment and engage in the decision making process. Consistent with the IPC requirement, we have already conducted a front loaded consultation exercise as described above. The application has been amended where possible to reflect the comments and feedback received during the consultation process. To meet the procedural requirements it is anticipated that the application will be submitted to the IPC later in the year.

*Augean is committed to optimising engagement, ensuring the community understands the process and has a full opportunity to have its say. If you would like to discuss this issue further please contact us on our telephone helpline: 01904 654989 or email: [consultation@augeanplc.com](mailto:consultation@augeanplc.com). For more information about the IPC please visit: [www.infrastructure.independent.gov.uk](http://www.infrastructure.independent.gov.uk)*

## Indirect Thermal Desorption at Port Clarence

Whilst Port Clarence, Stockton on Tees, is the location of one of the Group's hazardous and non-hazardous landfill operations, the site is also the location of the company's ground-breaking Waste Recovery Park. This has permission to carry out a broad range of innovative waste treatment and recovery processes, including Indirect Thermal Desorption (ITD).

The ITD process at the Waste Recovery Park recently underwent a successful upgrade. The process heats oil and solvent contaminated wastes to evaporate the contaminants leaving behind a solid mineral. The recovered oil can then be used as a fuel or potentially a lubricant, while the solid residues can be recovered as an aggregate or soil or, as a last resort, disposed of to landfill.

Port Clarence, more than any other site, demonstrates the forward thinking and integrated approach that Augean is applying to the treatment and disposal of waste. All the processes operating at the site now carry out treatments that generate useful products (e.g. gas for combustion in electricity generation) or waste residues which can be treated by another process located at the site. Only when all other options for recovery or treatment are exhausted is waste sent to our existing landfill capability.

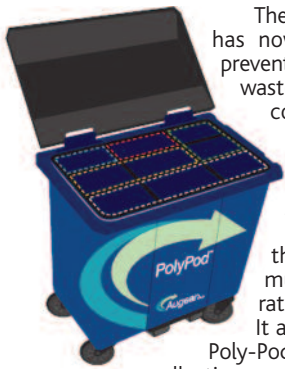
## Augean Introduces New Poly Pods

Augean has expanded on its Pod range of containerised waste storage solutions and has launched its new Poly-Pod, available from our Paisley and Hinckley sites.

The revised EU Waste Framework Directive, which has now been enforced, aims to promote waste prevention and increase recycling. Mixing of hazardous waste is not allowed and it is the responsibility of commercial and industrial waste producers to segregate their waste prior to removal from their premises. Our new Poly-Pod is built specifically to assist the waste producer to satisfy this objective.

The Poly-Pod's steel grid system, gives the user adaptability to use different size bags in multiple combinations to suit the volume and rate of production of each of their waste streams. It also provides a sturdy, heavy duty and lockable

Poly-Pod method of safely storing waste, until a reliable collection service simply exchanges the Poly-Pod or removes and replaces the bags. The collected wastes are then taken to one of our sites for recycling, recovery or treatment, depending on the waste.



## Augean Came Out Top in Midlands Waste Audit

The Environment Agency in the Midlands has been carrying out a campaign to improve safety and standards. To do this an audit of waste storage practice at hazardous waste sites across the Midlands was carried out in 2010 to assess the performance of each facility.

The results of this audit were recently published and Augean is pleased to announce that Augean Hinckley and Augean Worcester came first and second respectively in terms of performance and compliance when compared to other sites in the region.

## Funding for Bridgtown Community Centre

Bridgtown is one of the communities close to Augean Cannock, one of our treatment facilities. Following a request from Eddie Smith, Chairman of the Parish Council, Augean is pleased to say that we have contributed £5000 to help with the annual costs of running the Bridgtown Community Centre. The sum also contributes to the installation of a loop system to help the hearing impaired attending groups or events at the Community Centre.



## The Waste Management Hierarchy

The modern waste management industry is highly regulated with a strong emphasis on sustainable practices which protect the environment, are safe and make best use of resources. Producers of hazardous waste and LLW are required by legislation and best practice guidance to manage their waste by exploring options for treatment or disposal in an appropriate manner in accordance with the waste management hierarchy.

This means in the first instance that they must find ways to avoid creating waste. Then, in order of most desirable outcomes, producers must seek to minimise, reuse, recycle or treat the waste. Even after the application of the hierarchy principles there will still be significant volumes of residual waste which have to be disposed of through the last option of landfill.

Environmental Associations were set up to administer Landfill Community Funds generated by the company's landfill operations near Kings Cliffe and Thornhaugh. These benefit communities with a qualifying project situated within 10 miles of of these two sites. Below is a list of the projects that were completed in 2010.



### King's Cliffe Environmental Association

#### Kings Cliffe All-Weather Pitch

Since 2005 KCEA has supported the Kings Cliffe and Area Community Sports Project in the development of a major new sports facility in Kings Cliffe, to include football pitches, a multi-use games area and children's playground and tennis courts. The all-weather-pitch was completed in June 2010 and a Fun Day was held at the site in September 2011 to show the new facilities to the public.



#### Easton on the Hill Pre-School

£10,000 was awarded towards a fantastic new building for Easton on the Hill Pre-School group, which serves the villages of Easton on the Hill, Collyweston and Duddington and is only three miles from the town of Stamford. The Pre-School is open on Monday to Friday mornings but is available to community groups for use in the afternoons and at weekends. The Pre-school was officially opened on 6 December 2010.



## Thornhaugh Environmental Association (TEA)



### St Mary's Church, Wansford

A programme of repairs at St Mary's Church, Wansford was supported by TEA with a grant of £21,786 towards roof repairs, internal refurbishment works, window repairs and carpets. The church has continued to improve the community facilities at St Mary's and now has a brand new kitchen from which to refresh participants at services and community events.

### St Kyneburgha Church, Castor

TEA awarded a grant of £5,670 towards essential stonework and churchyard wall repairs at the Grade I listed St Kyneburgha Church at Castor that dates back to Norman times.

### St Andrew's Church, Thornhaugh

TEA was pleased to support the building of an extension to St Andrew's Church, Thornhaugh, to include kitchen and toilet facilities, with a grant of £85,000.

If you live within this area and have a community project that needs financial backing why not see if it qualifies for support from the Environmental Trust? Contact: Alison Southern, SWEET, Victoria House, 51 Victoria Street, Bristol BS1 6AD Tel: 0117 9045858 Website: [www.sweet-uk.com](http://www.sweet-uk.com)

# SITES FOCUS



You will probably have seen the Augean sign board at the entrance to your local site. But do you know what Augean actually does? In this and future newsletters, we will look at some of our sites and share with you some of the processes that Augean operate to recycle, recover, treat, process and dispose of some of our most difficult to manage wastes.

## What Happens at... AUGEAN TREATMENT, AVONMOUTH

Avonmouth is Augean's principal organic waste treatment centre. It offers a range of physical, chemical and biological treatment for the recycling and recovery of oil, solvent and water based wastes.

For oils, the treatment processes blends and heats oils and emulsions to separate out water, leaving a material suitable for sale as a recovered fuel oil (RFO). In addition, we also treat oil contaminated sludges to separate liquids from solids.

The water treatment process uses physical, chemical and biological treatments, including adjusting acidity and alkalinity levels, to precipitate soluble heavy metals before processing through a centrifuge to separate the solids from liquids. The liquids are then processed through the biological treatment plant, which uses biological agents to treat organic pollutants by naturally breaking down their components. The solid or cake, which is produced by the centrifuge, is then sent for disposal either by incineration or to the ITD process at Port Clarence.

We also recover solvents either by distillation or blending, which can be used as an alternative fuel for example in cement manufacture.

**DID YOU KNOW?**... every accident at an Augean site, even a small cut, is reported. Near misses are also logged to identify potential safety improvements. As a result of our commitment to health and safety on our sites, the number of accidents fell by 30 per cent in 2010.

## What Happens at... AUGEAN TREATMENT, PAISLEY

Augean Paisley is our first site in Scotland. It currently operates as a Hi-Pod processing centre for the UK - a complete storage, collection, transport and treatment solution for hazardous wastes. The waste contents of the Hi-Pod, generally oil contaminated rags and wipes, are segregated from other recyclable wastes and washed. The clean rags can be classified as non-hazardous and are therefore suitable for disposal in non-hazardous landfill, energy recovery or, potentially, resale.

Water process is treated in an on-site effluent treatment plant. This treats other contaminated waters generated at the site, as well as other suitable incoming wastes.

The Augean Paisley site also has an oil/water treatment process where steam under pressure is used to separate the oil from water. The water can be processed on-site and the oil used in combustion-based manufacturing processes (e.g. for cement manufacture).

Augean Paisley also offers specialist industrial services vehicles, tank cleaning and jetting services with treatment of wastes generated as a result of cleaning being available on-site.



**DID YOU KNOW?**... all nine Augean sites have an open door policy. If you would like a tour of the facility closest to you, why not call them to arrange a site visit?

## What Happens at... Augean ROCHDALE

At Rochdale we employ a team of chemists that provide a 'cradle to grave' disposal service for small packaged chemicals from schools, universities, hospitals, manufacturing and similar organisations. Operating as a transfer station, waste is segregated, packaged and bulked into larger containers (e.g. drums) for recycling or treatment at a suitable Augean site.

We also provide a clean-up and containment service for small chemical spills. For example, Augean Rochdale was recently called in by a hospital where mercury had been spilt. From the initial call to blocking off a busy hospital corridor to contain the spill, our team took just three hours to make the area safe.

## Augean helps Football Club into Premier League

Kings Cliffe United Football Club (KCUFC) finally has a permanent home after 90 years of playing on farmers' fields and shared pitches.

Augean site manager, Simon Moyle, cut the ribbon to open the new Sports Pavilion at the Kings Cliffe Active Festival on Sunday 17th July, which drew a huge crowd of more than 1000.

One of those attending the event was Samuel Earp (pictured), who said, "It was a good day with loads to do; food, stalls, but especially the sports. I hope to be able to play a proper cricket match on the AstroTurf as it was nice to play on, not hard like some. Just wished I could have stayed longer, but had to go home"

KCUFC will be one of the main users of the new district sports and community facilities at Kings Cliffe, which Augean has funded with grants totalling £450,000 through the Kings Cliffe Environmental Association (KCEA).

The Pavilion, which houses two changing rooms with toilet and shower facilities, community room and plant storage, will be the home of the football club on a site which also boasts a multi-use games area, a skate board half-pipe and children's play area.

Students from Prince William School later volunteered to paint the inside of the new pavilion during their annual Community in Action Week to ensure that it was ready for KCUFC's entry to the Premier Division of the ChromaSports and Trophies Peterborough & District Football League at the start of the new season.

KCUFC Chairman Richard Lattimore was delighted with his club's new pitches and pavilion. He said, "Our new facilities are fantastic. We will expand from running nine teams to 11. The whole development at Kings Cliffe Active (KCA) is an outstanding example of what a community can achieve with a bit of determination. Thanks especially to all those who made the Festival a rip-roaring success attracting big numbers of visitors from Kings Cliffe and district. The event introduced a lot of people, not only to the football club, but to all the facilities we now have here."

The new development was also funded by substantial grants from the Football Foundation, and both Northamptonshire and East Northamptonshire Councils. Kings Cliffe Active is adjacent to the site of the former railway station at Kingsmead, Station Road, Kings Cliffe PE8 6PX. The site is open daily and football pitch and MUGA bookings can be made at [www.kingscliffeactive.co.uk](http://www.kingscliffeactive.co.uk) or call 0843 289 6517.

Augean funds for community and environmental projects are available from KCEA through the Landfill Communities Fund and enquiries can be addressed to Alison Southern on 0117 904 5875.



**DID YOU KNOW?** ...regulators such as the Environment Agency, Scottish Environmental Protection Agency and the Health and Safety Executive routinely inspect and monitor all Augean sites.

**DID YOU KNOW?** ...Augean is now the leading operator in the UK for the treatment and disposal of hazardous waste.

## AUGEAN LEND A HELPING HAND TO ARSON HIT RAILWORLD HAVEN

Augean PLC helped a charitable project in the city clear up after an arson attack. The Company provided a clean-up team to help and are also donating the cost of a vehicle to remove the waste debris, and have waived the disposal charges.

The Railworld Wildlife Haven was subjected to a burglary and arson attack in June. A storage building containing tools, equipment and materials used to maintain the project, was set on fire, destroying the contents of the building. Over the last fifteen years the environmental project has transformed an old coal yard into a tranquil area for wildlife and visitors.

Paul Blackler, Chief Executive of Augean said "We are pleased to be able to support a project of this type at a time when they desperately need help to recover from this incident.

These projects are immensely important and we felt it was the least we could do to support the Railworld team and the local community, who have gained so much since the site has been transformed into a wildlife haven"

**DID YOU KNOW?** ...there are only eight hazardous landfill sites in the UK. Augean operates two of these.

**To report any concerns regarding our sites or to arrange for a site visit so that you can see our operations first-hand, please contact the relevant site manager.**

**Avonmouth – Tim Young**

Tel: 01179 820303

**Hinckley – James Cooper**

Tel: 01455 631777

**Cannock – Paul Barnsley**

Tel: 01543 468 832

**Kings Cliffe / Thornhaugh – Simon Moyle**

Tel: 01780 444900

**Paisley – Frank George**

Tel: 0141 887 5689

**Rochdale – Assed Zaman**

Tel: 01706 641044

**Port Clarence – Paul Lealman**

Tel: 01642 546836

**Worcester – Andy Waterhouse**

Tel: 01905 755500

All sites can be contacted by email at:  
[info@augeanplc.com](mailto:info@augeanplc.com)