

Purchase of East Kent Waste Recovery Facility

In June 2014 Augean completed the purchase of the East Kent Waste Recovery Facility (EKWRF) site from Discovery Park Ltd. The EKWRF is a specialist waste management facility which includes a high temperature incinerator and solvent handling facility within the Discovery Park complex, near Sandwich.

The facility was created in April 2012, but had been operated under lease agreements. The opportunity to purchase the freehold of the previously leased parts of the site, and also some additional land to the south, has provided Augean with an excellent opportunity to secure a key asset, that has significant importance to the company's ability to provide integrated waste management service solutions for clients across the UK.

The investment in the site has been made with confidence in the continued success of Discovery Park, particularly as a centre of excellence for chemical and pharmaceutical research and development companies, to whom Augean provide specialist storage and waste management facilities. The facility is one of only four in the UK and unique in that Augean is able to recover energy from the process, which is used in the Discovery

Park. In 2013, the company invested £750,000 in upgrading the incinerator stack, and refurbishment of part of the plant, to further improve environmental and operational performance.

As part of rationalising planning permissions at the site, Augean has recently submitted an application to Kent County Council to extend the storage of waste to include the additional land acquired in the investment in the site. The company is experiencing increased interest in the specialist services provided by East Kent which are constrained by the lack of storage facilities. The efficient management of the site would be enhanced by additional storage capability, as the incinerator requires a careful blending of waste stock to operate in an optimum manner. The proposals only involve areas on the site which have a range of steel and brick buildings. There will be no significant construction or demolition of existing structures. It is predicted that the increase in capacity could provide up to a further 19 jobs at the site, however there will be no more than an additional four heavy goods deliveries per day.

Thornhaugh Applications

Augean is applying for planning permission, and to vary its Environmental Permit, to allow the re-engineering of Phases 1 and 2 of Thornhaugh Landfill Site, which will ensure the safe environmental management in the long term of this part of the site.

Under previous ownership of the site, Phases 1 and 2 were unlined and filled with non-hazardous waste using old methods of landfill management called 'Disperse and Attenuate'. This practice has been superseded by the principle of engineered landfill containment. Following a review of closed landfills by the Environment Agency (EA), and a need to comply with the Landfill Directive requirement for historic landfills to be brought to full closure by March 2015, Augean has been developing a site closure plan detailing how the company intends to manage the phases in the aftercare period. As part of the 2011 planning application Augean proposed that these areas were overfilled to achieve the approved restoration profile. This was subject to a site investigation and the development of a scheme acceptable to the EA. Augean commissioned a series of site investigations to gain comprehensive knowledge of the waste deposited and determine the best solution for the long term management. Digging of trial pits and boreholes have helped to characterise the waste, establish its depth and volume, and confirm the perimeters of the phases.

In discussion with the EA it has been established that, while feasible, overfilling creates additional risks of pollution. Augean has concluded the better solution is to remove the old waste deposited in Phases 1 and 2 and to place it in properly engineered landfill cells elsewhere within Thornhaugh Landfill. The area of the excavated phases will then be engineered to modern containment standards and landfilled in accordance with the currently approved final restoration levels. The overall phasing plan will be amended with an estimated six years added to the lifetime of the site. Some quarry materials will be excavated and taken off-site to provide additional void to generate revenue needed to make the scheme economically viable. Clean quarry materials excavated can be used at

Cook's Hole Quarry to achieve an improved restored landform.

The preferred solution secures the long term containment of wastes, removes the pollution risk and provides the most economically and environmentally viable scheme to manage the site in the long term with confidence.

Port Clarence Landfill Time Extension

Augean has submitted a planning application to Stockton Borough Council to extend the operational lifetime of the Port Clarence Landfill. The current planning consent for the landfill will end in 2016.

The application will only seek to alter the time of operation, linking it to the remaining capacity of the site, and will not increase further the area of the landfill. The site provides a local, regional and national facility for the disposal of both hazardous and non-hazardous wastes and also plays an important part in supporting other waste management facilities on Teesside.

The landfill is co-located with Augean's innovative Waste Recovery Park which provides an integrated range of hazardous waste technologies enabling the most efficient methods of recycling, recovery and reuse of waste materials with only non-recoverable residues being disposed of in the adjacent landfill. The complementary relationship between the two sites reduces the environmental impact of transporting hazardous wastes.

If you would like any further information on the East Kent, Thornhaugh or Port Clarence applications please call our helpline on **01904 655989** or email consultation@augeanplc.com.

Nature conservation on Teesside



Would you associate a landfill site with a wildlife haven teeming with life? Well that is the case at Port Clarence, where there is an abundance of flora, fauna and birds in the vicinity of the landfill. Indeed, the Tees Ringing Group are allowed regular access to Augean land to ring bird species that they find; a scheme which aims to understand how and where birds live in order to



improve our understanding and help conservation. These are some of the birds seen in the latest round of bird ringing.

Through the Teesside Environmental Trust, the Port Clarence Landfill Site is also a major funder of the Saltholme International Nature Reserve which is run by the Royal Society for the Protection of Birds (RSPB). The area has transformed what was an industrial wasteland into a richly bio-diverse area. Saltholme encourages participation at the nature reserve by holding a variety of different events and running educational and access programmes that attract a wide range of members of the local community.



Here are a selection of projects that have recently been completed, started or have had funding approved from the Augean Community Fund.

Barnwell Country Park, Kingfisher Project

With a grant of just over £21,000, nesting banks for Kingfishers were created as well as live-feed and nest box cameras. Interpretation board panels were also provided to give visitors more information on the history of the Country Park, the Kingfishers and other wildlife.



Parson Latham's Hospital, Barnwell

Funding of £17,000 has been given to provide lighting, heating and toilet and disabled facilities.

Toddler Play Area, Wansford

A play area in Wansford for children of six and under has been awarded a grant of £30,000 which will fully fund play equipment for this age group with safe surfacing and fencing.

Kings Cliffe Heritage Centre

Kings Cliffe Heritage have leased the old village school, a Grade II listed building and one of the oldest buildings in the village, to create a local heritage room where craft objects, banners, photographs and other items of local significance could be stored, preserved and displayed. A grant of £6,284 was made in order to make the building accessible to the public and to provide suitable displays for Kings Cliffe Heritage's collection.

Indoor Rifle Range and Training Centre, Norman Cross



The Cambridgeshire Target Shooting Association identified a need for a modern range owned by the Association itself, to ensure the continuity of target shooting in the area and to increase participation, particularly with the disabled for whom the sport is

very accessible. Approval for an award of £19,849 has been given to supply and erect a kit building for this purpose.

All Hallows Church Clock, Seaton

As part of a larger project to renovate and improve the War Memorial clock and church bells, a £5,000 grant will contribute towards the installation of auto clock winding, auto regulator and replace gudgeons and bearings to all five headstocks.

Kings Cliffe Memorial Hall

To address an ongoing problem with rising damp, the lower ground floor of the Memorial Hall needs digging out to install a specialist damp proofing system, requiring all existing flooring and blockwork to be removed. This will allow a reconfiguration of the area to improve the facilities and upgrade the plumbing and electrics. A grant of £39,738 has been awarded to contribute towards the costs of this work.

Stanground Wash Nature Reserve, The Wildlife Trust

The reserve provides important habitat for many overwintering and breeding birds and its network of ditches is valuable to rare water beetles and flora. A new ditch is required on the northern perimeter



to improve habitat for wildlife by allowing greater water control, preventing accidental disturbance and creating year-round open water and edge habitat. £7000 was awarded to create this ditch and to re-dig the existing ditches.

St Mary and All Saints Church Roof, Nassington

£20,000 has been granted to remedy extensive wet rot in the chancel of the church, replacing the affected timbers and recovering the lead.

Uffington Cricket Club

As part of a larger project to eventually replace the existing, dilapidated cricket pavilion, £5000 was awarded to erect a perimeter fence to enclose the cricket ground and a picket fence around the pavilion. Both fences will help with security and safety and prevent damage to structures.

About the Augean Community Fund

Through the Augean Community Fund the company contributes towards many local projects within a 10 mile radius of ENRMF in Northamptonshire and Thornhaugh Landfill near Peterborough. The funds are now managed through Grantscape, but qualifying projects are still decided on by community volunteers on the Kings Cliffe Environmental Association (KCEA) and Thornhaugh Environmental Association (TEA) committees. Smaller grants are also now available from the ENRMF Community Fund to cover costs of overheads and salaries of community projects within a 10

mile radius of ENRMF, but with a preference for projects within five miles. If you have a community project that needs financial backing, why not see if it qualifies for support from the Augean or ENRMF Community Funds?

Please contact: Andrew Budd

Grantscape, Office E, Whitsundoles, Broughton Road, Salford
Milton Keynes MK17 8BU

Email: andrew.budd@grantscape.org.uk

Tel: 01908 247638



Interview: Augean's Chief Executive Officer

Dr Stewart Davis joined Augean in August 2013 as Chief Executive having previously been Managing Director of Romec Ltd. Stewart has a wide experience of manufacturing industries having held posts at ICI, British Steel, Corus and Rugby Cement as well as the support services sector while at Serco. He studied Natural Sciences (Physics) and then a PhD in Materials Science at the University of Cambridge and is a Fellow of the Institute of Physics.



Since 2009, Stewart has been a Governing Board Member of the Technology Strategy Board, the UK's national innovation agency which aims to accelerate economic growth by stimulating and supporting business-led innovation. He chairs the Resource Efficiency Steering Group at the Technology Strategy Board. Stewart is also a Director of Decom North Sea; a forum to maximise collaboration and knowledge sharing within the decommissioning supply chain.

What interested you in coming to take the lead at Augean?

Having worked for many years in manufacturing and support services, I was already aware of how dependent those sectors are on having sound infrastructure behind them and, of course, have developed an interest in the industry through my involvement as the chairman of the Resource Efficiency Steering Group. I am able to incorporate my varied experience now as a supplier of that infrastructure. It is an exciting time to be working in the waste management industry and I firmly believe that Augean is well placed to lead the development of waste infrastructure and promote technological innovation.



What do you feel are the strengths of the company?

Augean's business has been developed to deliver UK strategy and policies for hazardous or difficult to handle wastes aligned with EU directives and UK regulation. We have an excellent record of robust compliance practices to ensure the safe and responsible handling or storage of waste materials. The company actively participates in five of the seven sectors identified as essential for the management of hazardous wastes in the UK and so is of considerable importance to the UK's infrastructure. We have always sought to implement innovative methods of waste treatment and recovery and I am sure that this will increase in the future as resource efficiency increases in importance. The range of different treatment and recovery technologies that the company has available differentiates our service from our competitors. Our industry is a key player in developing the circular economy; ensuring that productive and valuable materials remain in the economy for as long as possible; so we are playing our part by investing in new facilities to recycle or recover waste materials.

How have you refocused the business over the last year?

Over the last year we have revised the company's core strategy to now include working alongside customers to provide, or if necessary develop, specialist waste management solutions based on their needs. Improved sustainability and environmental outcomes are expected by stakeholders and so efficient waste management and use of resources is a key issue for many companies as well as being a positive approach to business. There is an increasing awareness of the necessity to demonstrate how they are dealing with their waste and to provide evidence that they are strictly applying the waste hierarchy. They also need the ability to feedback accurate information to stakeholders about how much of their waste is being recycled or recovered or finally disposed of to landfill.

How do you minimise the environmental impact of the business?

Protection of the environment is at the centre of everything we do and it is important that a strong focus is maintained on delivering the best available outcomes from our waste management activities. Many of our customers have unique issues that require tailor made solutions particularly when dealing with difficult materials. This problem solving approach is sometimes challenging and requires a rigorous technical approach and knowledge of regulation. However by addressing the needs of each customer, in the context of their sector or region in partnership, a highly planned approach to waste management is ultimately the one that will produce the best outcome and therefore best protect the environment.

Do you agree that people are at the heart of a successful company?

To continue high levels of environmental, health and safety and customer service performance we need highly skilled and trained staff. Augean's continued success is dependent on people working effectively together. This is best exemplified by our company core values of Respect, Integrity, Teamwork and Excellence. We have a best practice approach to every aspect of the company. We invest in training to improve competency, conduct regular safety campaigns, and share technical information amongst other initiatives. It is important to have an ethical approach and for everyone in the company to focus on how we achieve our goals as much as what is to be achieved. All the Directors, Managers and front line staff are committed to the development of our behavioural framework which is designed to take these values forward and implement them.



What about Augean and its local communities?

It is important that the local communities in which we work should feel confident that we are consistently striving to improve our environmental and safety performance. Directors and Site Managers are approachable and committed to deal with any complaints or issues that arise. I would encourage anyone who has concerns, or is just curious about what happens on the site, to come and visit us and learn about site operations. We are pleased to welcome visitors to any of our sites by appointment.

Improving Site Safety

The health, safety and welfare of employees is a priority for Augean. We take a proactive approach to promoting awareness of safety issues and encouraging good practice to make an annual improvement to our performance.

Compared to other sectors, the waste industry does not generally have a good record when it comes to site safety, with the industry's



accident rate four times higher than the national average. Augean does not regard this as an acceptable benchmark for its sites or personnel. In 2013 there was a decrease in the total number of accidents of 25 per cent, building strongly on the 40 per cent decrease seen the previous year.

Augean continues to encourage the reporting of any accident or incident, no matter how minor, that has taken place. We have also sustained a high level of reporting of near misses, to identify accidents that could but didn't happen, and take corrective action to remove the potential for those accidents to occur. We have also introduced the reporting of safe acts and, through the quarterly Safety Awards, recognise in a positive way where individuals and sites have shown good health and safety practice.

Just as much as changing behaviour can help improve safety on site, investing in the site infrastructure also creates a safer environment to work in. At Augean's site in Avonmouth, for example, walkways and stairs have been upgraded to increase the safety of employees working at high level.

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.

Aberdeen – Simon Gibb

Tel: 01224 719200

Avonmouth – Tim Young

Tel: 0117 9820303

Cannock – James Cooper

Tel: 01543 468832

East Kent – Andy Scorer

Tel: 01304 450010

ENRMF / Thornhaugh – Simon Moyle

Tel: 01780 444900

Paisley – Gary Richards

Tel: 0141 8875689

Port Clarence Landfill – Terry Blachard

Tel: 01642 546836

Waste Recovery Park, Port Clarence –

Paul Lealman

Tel: 01642 546836

All sites can be contacted by email at:
info@augeanplc.com

Good Environmental Performance at Paisley

Since taking on the site at Paisley in 2009, it has been a priority for Augean to establish the same environmental standards there as those seen across all of its sites. In 2010 the Scottish Environment Protection Agency (SEPA) introduced a new compliance assessment scheme to deliver better regulation. This new scheme looks separately at the conditions of the Environmental Permit of a site that relate directly to the environment and those of the management requirements for environmental protection. The performance of each of these areas result in an overall compliance score. Having initially been scored as Poor in 2010, Paisley has been given the rating of Good in the latest assessment of the site, showing how far its environmental performance has come through improvements introduced by Augean.

New Appointments to Augean

Augean is pleased to welcome some new faces to its Management Board. Firstly, Helen Simms has been appointed as Director of a new division, Augean Radioactive Waste Services, to provide further expertise in the radioactive waste services provided by Augean to manage the waste from nuclear sites, oil and gas production, clinical and pharmaceutical sectors. Helen has over 19 years' experience in the nuclear energy sector, nine of which were in a leading role, most recently as the Managing Director of Redhall Nuclear.

Also joining Augean from Ramboll Energy UK is the new Energy & Construction Director, Andrew Woolcock. With a track record of delivering technically challenging award winning projects and meeting business goals at home and abroad, Andrew is a leading figure in Energy from Waste engineering and operations, having worked on much of the major new waste infrastructure introduced across the UK in recent years.

Finally, Richard Laker has been appointed as Group Finance Director. Previously with Northgate plc, Richard has held a number of senior finance roles since 2004, including Group Financial Controller and, most recently, UK Finance Director since May 2011. He was selected following a detailed search process and comes with significant corporate, operational and commercial experience.

As well as these three appointments to the Management Board, over the last year we have welcomed nearly 50 new members of Augean staff, through job creation at the sites as well as through natural staff turnover.

Corporate Social Responsibility Report

Every year Augean publishes a Corporate Social Responsibility (CSR) Report to ensure that all aspects of our business and its activities are as transparent as possible. The CSR Report evaluates over the course of the previous year how we have performed as a company with respect to our business values, how we ensure the health and safety of our employees, protection of the environment and the relationship we have with the communities in which we operate. We do not just analyse statistics, but carefully consider where we have done well, where we could do better, set targets for improvement and see if we have met targets previously made.



Copies of the latest CSR Report, together with all previous versions, is available on our website at:

www.augeanplc.com/csr