

Major Decommissioning Contract for ANSS

Augean North Sea Services (ANSS) has been awarded a major decommissioning contract to support Shell.

The contract is to provide specialised industrial cleaning and waste management services to ensure environmental compliance to Shell for the Curlew Floating Production, Storage and Offloading vessel (FPSO) before final dismantling, recycling and disposal of the vessel can take place.

During the life of the contract the Curlew FPSO will be berthed in the Port of Dundee where ANSS has recently developed a major decommissioning and decontamination facility, working in full collaboration with Forth Ports Ltd and other tenants in the Port. The project also involves significant collaboration with Bilfinger Salamis, with whom ANSS have been working for over 18 months in preparation for the work.

ANSS provides innovative environmental solutions to manage waste streams derived from North Sea exploration, production and decommissioning activities. ANSS also provides services from seven operational sites in Aberdeen, Dundee, Shetland and Great Yarmouth.

The new Decommissioning Centre at the Port of Dundee has been operational from April 2017. It provides an integrated onshore disposal and waste management service for a variety of small- and large-scale decommissioning projects. The facility will continue to be developed to create one of the UK's largest Decommissioning Facilities, with an increasing capability to serve the needs of the emerging decommissioning market, with the potential for further opportunities for both the local supply chain and direct employment at the site, while helping to establish Dundee as a global centre of excellence for Decommissioning activities in the longer term.



New Cells at Thornhaugh, Port Clarence and ENRMF. First Stages of Restoration at ENRMF.

At Thornhaugh Landfill we have spent the early part of the year preparing to engineer a new 160,000 m³ cell for phase 4b with the importation of engineering clay. Preparations are underway at Port Clarence to begin a new 200,000 m³ hazardous waste cell. The new cells will be engineered and meticulously



designed to provide the highest possible protection of human health and the environment. Phase 10 at ENRMF is also being constructed, with the lining of the new cell due to start in the next few weeks.

Just as new cells are starting, at ENRMF the cells for phases 6A and 6B are complete and capping of the cells

commenced in February. The capping seals the waste within the landfill so these areas are ready to progress on to the final landform.

Every phase of each site is designed, a bit like a jigsaw piece, to fit neatly in to neighbouring phases as the site is progressively restored. Once all parts of a site are restored they will create a unified, pre-planned landscape that will fit in to its surroundings. The agreed restoration schemes incorporate many opportunities to create habitats that will increase biodiversity for a wide range of flora and fauna.

Members of the local community are welcome to come and observe the engineering work at any of these sites, by appointment with the Site Manager.

Continued Success for Augean

As one of the UK's leading specialists in the waste management industry, Augean continues to perform strongly having renewed contracts with several strategically important customers, especially in the Energy from Waste and North Sea oil industrial services. In addition, our top-tier customer base has recently been expanding with new contracts with other Energy from Waste producers as well as a market leading specialist for dredging of inland waterways to preferentially treat materials arising from their activities.

Over the past couple of years, we have made a number of changes to our business structure to enable

the business to remain competitive and focus on our core activities. This has been done by undertaking some streamlining; selling the Augean Integrated Services business, primarily working from our former Cannock site, the sale of our site in East Kent near Sandwich, which operated a High Temperature Incinerator, and the Colt business operating from Hull.

The restructure has invigorated the business and our landfill and soil treatment sites have performed strongly, as have our sites in Avonmouth and Paisley and Augean North Sea Services, which is primarily in Scotland. 2018 was our most profitable year to date and business has continued to thrive into the New Year.

The Augean Community Fund

The Augean Community Fund helps community projects within a 10 mile radius of ENRMF in Northamptonshire and Thornhaugh Landfill near Peterborough. The fund is managed by Grantscape with qualifying projects decided by community volunteers on the Kings Cliffe Environmental Association (KCEA) and the Thornhaugh Environmental Association (TEA). If you have a community project get in touch to see if it could qualify for support from the Augean Community Fund.

Please contact: Karen Roberts, Grantscape, Office E, Whitsundoles, Broughton Road, Salford, Milton Keynes MK17 8BU Email: karen.roberts@grantscape.org.uk Tel: 01908 247630

The Augean Community Fund can help community projects large and small. While applications are often made to complete an entire project, some plans are only completed in phases over a longer period to realise a vision. Here are examples of two communities who are doing just that.

St Peter's Church, Barrowden

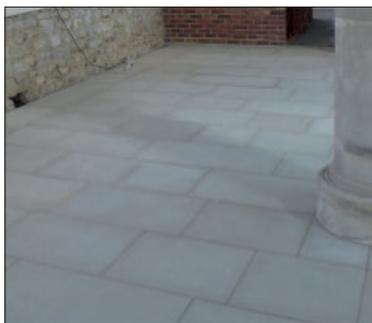


So that the church could be fit for 21st Century uses, for many years the villagers in Barrowden have wanted to refurbish their parish church of St Peter. They wanted to create a space that was a warm, welcoming and comfortable place for people to worship, but

which could be used for other purposes to benefit the whole community. After nearly seven years of working on plans, in consultation with the Diocesan Advisory Committee and the Chancellor of the Diocese, approval for re-ordering the church was secured in November 2016. A fundraising appeal started, which included an application to the Augean Community Fund for a £50,000 grant, which was awarded, towards the total cost of the first, and most major, phase of work.

St Peter's Church is Grade II* listed, so any work carried out needed to be sympathetic to the history and fabric of the building. It had already been decided that the most practical and aesthetic way of replacing the old oil-fired heating system would be with an underfloor heating system. However, this would require extensive structural work; removal of the pews, re-laying the floors, rewiring ancient electrics together with new gas and water supplies.

The previous floor was a combination of stone flags, pine floor boards and tiles that dated from a restoration in the Victorian era. Work commenced in the Autumn of 2018 and has an anticipated completion date of mid-May this year. The new, heated floor is completely made up of new stone flags and will prominently incorporate one existing and two rediscovered grave markers, also known as ledger stones, that had been hidden during previous restoration. Interestingly, while upgrading the floor to modern standards, it also restores the level to that of the medieval church, revealing more of the column bases and the original proportions of the building.



Future phases intend to include the addition of a disabled toilet, meeting room and a service area. Once completed, the re-ordering of St Peter's will secure a future for the church as a vibrant and well-used place at the heart of the community.



KC Active, Pavilion Extension

Kings Cliffe Active, led by a group of local volunteers, have developed over many years a wide range of community sports facilities on a 12-acre site, that benefit not just the village of Kings Cliffe, but also communities in the wider area.

Current facilities include two full-sized football pitches, tennis and netball courts, a multi-use games area and an equipped play area. A pavilion also currently houses a community room, changing facilities, toilets and kitchen. The community room hosts many indoor activities like



dance and fitness classes, as well as being a meeting venue for a range of community clubs, groups and societies.

Such is the demand to use the pavilion facilities, that Kings Cliffe Active have decided to extend. The enlarged pavilion will create new space for a café, gym and further community rooms. With funding of £50,000 from the Augean Community Fund, the initial stage of foundations, drainage and vehicle access has now been completed.

An additional grant of just over £25,000 has very recently been approved to enhance the play space. There will be a particular focus on complementing the existing equipment by ensuring that a broader range of age groups are catered for, skateboard and scooter equipment for older children and a Trim Trail that can be used by young and old alike.

Tales of the Unexpected?

Nobody likes the unexpected. At Augean we try to make sure the unexpected doesn't happen through good preparation. All wastes arriving at an operational site are known about in advance and in detail, with confirmatory checks in place before anything is accepted on a site.

Rigorous pre-acceptance procedures are carried out prior to delivery of hazardous wastes on site to ensure the waste can always be managed safely and in compliance with the Environmental Permit for every site. The customer must provide information and analytical data regarding the form and nature of the waste and its chemical properties. The information is evaluated by the company's dedicated Technical Assessors to confirm that the waste is included in the Environmental Permit and meets the waste acceptance criteria.

Our customers are legally obliged to prepare a waste consignment note that describes the chemical components and concentrations, the hazards, the form and the quantity of the waste together with any special handling requirements needed. The consignment note, accompanying every load arriving at a



site, is inspected and all paperwork checked against the pre-acceptance details. The waste is weighed, inspected and sampled at a predetermined frequency by trained and experienced waste chemists to confirm consistency with the consignment note.

Any waste that arrives at the site that has not been subject to, or differs from, the pre-acceptance and booking procedure will be rejected or quarantined and isolated and the Environment Agency immediately informed.

HiPods Go From Strength to Strength



HiPods are secure containers that allow our customer to safely store a range of hazardous materials on their site, ready for us to collect them for treatment and disposal. Growing demand for Augean's HiPod services has meant that a further 200 new HiPods have been delivered to satisfy the current increase in need and further grow and strengthen the service.

The HiPod processing service is managed from our Paisley site, encompassing a complete storage, collection, transport and treatment solution for hazardous wastes. The HiPods can accept a wide variety of hazardous waste streams, contained within a secure and lockable unit, manufactured to the highest specification. Once delivered back to site, the waste content of the HiPods are recycled, treated or disposed of safely. We aim to achieve 100 per cent recovery of these wastes, where possible, so there is zero impact on landfill.

All of our HiPods will now be tagged, so that we can have full visibility of our entire complement of HiPods, allowing us to monitor when they leave our Paisley site, are in transit, delivered to our customer and when they have been collected for delivery back to the site.

Clearing up for the Community

As a responsible company operating in the waste management sector, we must adhere to strict regulation, legislation and inspection in order to operate. It is our duty as a society, and Augean as a legitimate business, to dispose or recover waste in a way that protects human health and the environment. Therefore, it is always disappointing to come across occasions when waste is irresponsibly dumped without any environmental or social consideration for the effect that this will have.

Sadly, fly tipping is an all too common sight that most people will have seen at some point in their locality. Recently, local residents near to our Thornhaugh landfill site alerted us to the fact that rubbish had been fly tipped on a footpath adjacent to the A47 and the boundary of the site. While the rubbish was not located on Augean land and it was not our responsibility to clear the area, staff from Thornhaugh were more than happy to collect all the rubbish and dispose of it in the proper manner.

Safe Transportation

Just as it is important that we are extremely careful about the wastes we receive at an operational site and how those wastes are then handled and disposed of, it is equally important that great care is taken in how those wastes are sent to us.

Dealing with hazardous wastes is very specialised in nature and there are very few facilities where these wastes can be managed. Consequently, much of these wastes need to be transported, often for significant distances, and usually by road. While it is preferable to prevent or manage the waste at the site of origin, for environmental, practical, or cost reasons removal to one of the nearest appropriate facilities is the only option for a significant proportion of wastes.

The transportation of waste is strictly regulated by the Department of Transport. It is the responsibility of the carrier of the waste to ensure that the waste is transported in accordance with the relevant transport regulations, which require that wastes must be safe for transport. Wastes being transported must be securely and suitably contained or packaged. In some cases, a designated route that wastes are transported on can be specified by both the producer of the waste and, indeed, by the facility that is accepting the waste. For some waste materials that are classified as potentially dangerous then specialist, trained drivers must also be used.

Summer at Saltholme



The Saltholme Nature Reserve, near our Port Clarence site on Teesside, is run by the Royal Society for the Protection of Birds (RSPB). It has transformed an industrial landscape into a variety of habitats, from wetland to meadow, to create a nationally important reserve that is literally teeming with wildlife. Through the Teesside Environmental Trust (TET), Augean has helped to fund Saltholme Nature Reserve since its inception in 2004 and last year the company contributed over £220,000 to the Nature Reserve.

While some species of bird can be seen the whole year round, depending on the season, Saltholme provides a habitat for many species of wetland and wading birds as they migrate north or south and as a place for birds to breed. At this time of year, the reserve is home to hundreds of pairs of breeding common terns which is a spectacular sight. As we approach the



Water vole

summer months, other regular visitors are the yellow wagtail, curlew, sandpipers, marsh harriers and there are frequent sightings of kingfishers. In 2018 cranes and spoonbills, rarely seen these days in the UK, were also summer visitors to the reserve, an event that birdwatchers are hoping will be repeated this year!

While the bird life is the undeniable star of the show at Saltholme, it is also home to a rich variety of flora and fauna, including over fifteen varieties of butterfly as well as numerous dragonflies and damselflies. Endangered water voles, made famous by 'Ratty' in *The Wind in the Willows*, are also present and becoming more active at this time of year. While they are thriving at Saltholme, the water vole population is suffering nationally from loss of habitat and predation by carnivorous American mink, an escaped non-native species in the UK.

Now in its tenth year of welcoming visitors, RSPB Saltholme has lots of attractions and activities for all, whether you are a new or a dedicated birdwatcher, an educational group or a family on a day trip. The majority of Saltholme is freely accessible to all, however, some areas are only open to RSPB members. For further visitor information please go to the RSPB website at www.rspb.org.uk and search under Reserves and Events.



Spoonbill

What is an Environmental Permit?

In addition to any site obtaining planning permission from the relevant Local Planning Authority, waste operators must also seek approval for an Environmental Permit from the regulatory bodies for the industry; these are the Environment Agency in England and the Scottish Environmental Protection Agency (SEPA) in Scotland. Even with planning permission, a site would not be able to lawfully operate unless this additional authorisation was issued by these specialist regulators.

An Environmental Permit sets out in great detail what activities are allowed to take place on a site, and the types and quantities of wastes or materials that are allowed to be present or accepted. The Permit also sets out a framework for a monitoring regime that is required to assess site performance and compliance to environmental standards. Every Augean site is also subject to regular and rigorous inspection by the Environment Agency, who independently assess and grade a site on how it is performing.

Augean prides itself on being open and transparent about what and how operations take place on our sites. We have an open-door policy on every site, by arrangement, so that members of the public can see for themselves what we do and how we do it. In the same spirit, we publish on our website all the relevant Environmental Permits and/or Waste Management Licenses for each site in full, so they are entirely and easily available for public scrutiny. For more details visit www.augeanplc.com/site-locations.

If you have any comments or concerns regarding one of our sites or if you would like to arrange a site visit, please get in touch with the relevant site contact from the list below.

Augean North Sea Services
Simon Gibb Tel: 01224 719200

Avonmouth
Tim Young Tel: 0117 9820303

ENRMF / Thornhaugh
Simon Moyle Tel: 01780 444900

Paisley
David Trusdale Tel: 0141 8875689

Port Clarence Landfill
Terry Blanchard Tel: 01642 546836

Port Clarence Waste Recovery Park
Steven Craggs Tel: 01642 546836

We regularly hold site open days, engineering days and other events at our sites. So that we can advise efficiently on events and activities, which may be of interest to people living nearby, the Company has established a Register of Stakeholders, which has been developed from existing contacts with whom we have already corresponded. If you would like to sign up to receive updates by email or by post please contact us at consultation@augeanplc.com or telephone us on 01904 654989. It will be possible to unsubscribe from this at any time.