

Treating Large Volumes of Contaminated Soils

Working on a major infrastructure project, Augean was contracted to remove 10,000 tonnes of hazardous soils from a site within 4 weeks. The main contractor requested all materials be recycled rather than 'Dig & Dump'.

Augean sent the soil wastes to its ENRMF soil treatment centre near Peterborough for aggregate recovery and soil treatment.

Although this client managed its own transport, the project presented a logistical challenge for the ENRMF team in dealing with large volumes.

On average, 2 loads arrived every hour and the weighbridge operators needed to check all paperwork, weigh and move loads safely and effectively on to the treatment pad. It was important to keep the process moving to avoid drivers waiting for an extended period and avoid a backlog for other Augean clients.

Once all paperwork was completed and the soils were deposited on the treatment pad, Augean took over the responsibility for managing the material.

The soils were treated via a mechanical processing plant using a self-contained physico-chemical treatment process

to remove the soil contaminants. This left a clean fraction comprising of soil and aggregate that was reused. Any treatment residue produced which was deemed hazardous was subjected to further processing through the on site soil stabilisation plant. This was then deposited into the on site hazardous landfill.

Jason Mockett, Commercial Head of Construction said, "Soil treatment is a core part of our business. We've operated our soil treatment facilities for almost a decade. This has given us the knowledge and experience to handle 50 plus loads of contaminated soils a day. We can do this over long or concentrated periods of time, whilst continuing to service regular clients for APCR, bottom ash, asbestos wastes, filter cakes, dredgings and other contaminated soils and radioactive waste streams."

"The soil treatment facility at ENRMF has regularly dealt with hazardous volumes exceeding 1,500 tonnes per day. The site is fully equipped to accept such volumes whilst maintaining the highest levels of health & safety alongside compliance."

The project was completed with all contaminated soils removed from the contractor's site within the 4-week timeframe.

Landfill Tax

HMRC have set Landfill Tax rates as follows:

	Rate from 1 April 2019	Rate from 1 April 2020
Standard rate	£91.35 per tonne	£94.15 per tonne
Lower rate	£2.90 per tonne	£3.00 per tonne

Contact us on:



01937 846681

Email: aec-sales@augeanplc.com



PORT CLARENCE
hazardous and non-hazardous
treatment and disposal

ENRMF
hazardous treatment and disposal

THORNAUGH
non-hazardous and asbestos
disposal

Meet our Team



Jason Mockett
Commercial Head of
Construction



Terry Goodger
Business
Development
Manager (South)



Joseph Newman
Business
Development
Manager (North)



Caroline Spensley
Internal Sales,
Admin and Invoicing
Manager



Rebecca Head
Account Manager

About us

Our landfill and soil treatment centres are strategically situated across the UK. Our specialist treatment and landfill assets provide a platform of waste services to a broad market including the energy, chemical, nuclear, oil & gas, construction and waste industries.

We have specialist treatment and recycling centres that process by-products and waste materials to provide cost effective solutions for re-use, recovery or disposal.

Underpinning these treatment systems are our landfill facilities;

engineered to the highest standards and monitored under the Environmental Permitting Regulations regime. All sites can accept a broad range of materials and wastes, for example, contaminated soils, fibrous and bonded asbestos, treatment residues, dredgings and filter cakes. All hazardous wastes are subjected to a rigorous technical assessment and testing regime.

Our Laboratory Services provides testing and analysis services for our clients. Our purpose-built laboratory provides a broad range of analysis

work following UKAS certified methods.

Our highly qualified chemists prepare waste characterisation, leaching and composition analysis as well as compliance testing for processed wastes. Furthermore, the analytical team regularly conducts trials to optimise the processing and treatment of waste streams and, where appropriate, develop innovative solutions for our clients.



Certificate No: IMR 522032

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