



CASE STUDY

Confined entry

We were delighted when we were approached by Tamar Energy to carry out remediation works at their Anaerobic Digestion plant in Basingstoke. At the plant Tamar Energy uses the proven, safe and environmentally sustainable Anaerobic Digestion process to convert organic waste into biogas, which is used to create renewable energy. In order to continue operating at a high level of productivity throughout the process, it is vital to ensure the tanks are managed and maintained. We were able to utilize our varied fleet and highly trained personnel to provide an efficient service and allow work to continue with minimal disruption.

Tamar Energy

Remediation Works

Value: £200k per
annum

August 2015

Location: Basingstoke AD
Facility, England

KEY LEARNING POINTS & SUCCESSES:

- Developing strategic relationships with other clients
- Managing material on site to ensure suitable for chosen disposal outlet

Scope of Services

Our objective at the plant was to remove unwanted materials from the numerous tanks throughout the facility. It is essential that the tanks are maintained regularly in order to prevent any blockages which grind operations to an abrupt halt. Once the materials had been removed we had to transport and dispose of the waste in an environmentally friendly manner and where possible source alternative outlets.

Key Features

Projects such as this present a high level of risk to both our own personnel as well as the tanks we were required to maintain. Any errors could lead to injury or cause the full operation to shut down. In order to prevent either eventuality we ensured all works involved a detailed Health & Safety protocol and Risk Assessment & Method Statements to guarantee that our clients' assets and our own employees were safely and accordingly protected.



Anaerobic Digestion processes can produce materials that vary in consistency and complexity. This meant that the job would be far from straightforward.

Material taken into the site is not homogenous and collection systems still do not take account of

unsuitable food packing waste. Even if shredded the temperatures and material consistency within the tanks can create a material that can inhibit full processing.



Our air movers and disabs coupled with competent H&S personnel allow full tank cleans and investigative CCTV to identify any process issues.

We assisted in sourcing a number of offsite disposal options to obtain the best economic and environmental solutions for our clients.

I first engaged KCP at the beginning of 2015, to help deal with a major digestate spillage. Their response was prompt and efficient. They were innovative in their techniques, and the end result was better than I could possibly have hoped for. The team were extremely thorough, and the costs very reasonable.

I have since used KCP on two further occasions for tank emptying and cleaning, and am extremely satisfied with their services. They have proved to be very efficient, cost effective, and with have a very good understanding of health and safety, and environmental requirements. Everything is approached in a positive manner. They provide a flexible and industrious workforce, well equipped to meet the most arduous of tasks.

I am very happy to endorse KCP and will have no hesitation in using them again in future.

John Irvine, Project Manager



