



# Biffa Landfill Monitoring Project

All landfills are legally obliged to monitor the eluates produced from the site to ensure they are not having a detrimental impact on the local environment.

ALS Environmental have a longstanding relationship to cover a wide variety of organic and inorganic parameters for Biffa Waste Services Ltd to help them meet their regulatory requirements. The analysis carried out by ALS on behalf of Biffa monitors the eluates produced from the landfill site to fulfil their legal obligations and safeguard the surrounding ecosystems.

Analysis involved leachate, groundwater and surface water samples from landfills being monitored in compliance with permit regulations from the Environment Agency (EA). Some of the common analysis requested from ALS Environmental by Biffa included:

- Dissolved Oxygen
- Ammonical Nitrogen
- USEPA 16 PAH
- Pesticides (OPP, OCC)

## Project Specifications:

Biffa are one of the nations leading providers for Waste Management services who provide collection, treatment, recycling and recovery of waste. With over 70 landfills (open and closed) throughout the UK; all of which require environmental monitoring on a monthly, quarterly and annual basis.

## Facts & Figures:

Contractor:	Biffa Waste Services Ltd
Project length:	In excess of 15 years
Location:	Various sites across UK and Ireland
Samples:	Approximately 13,000 annually



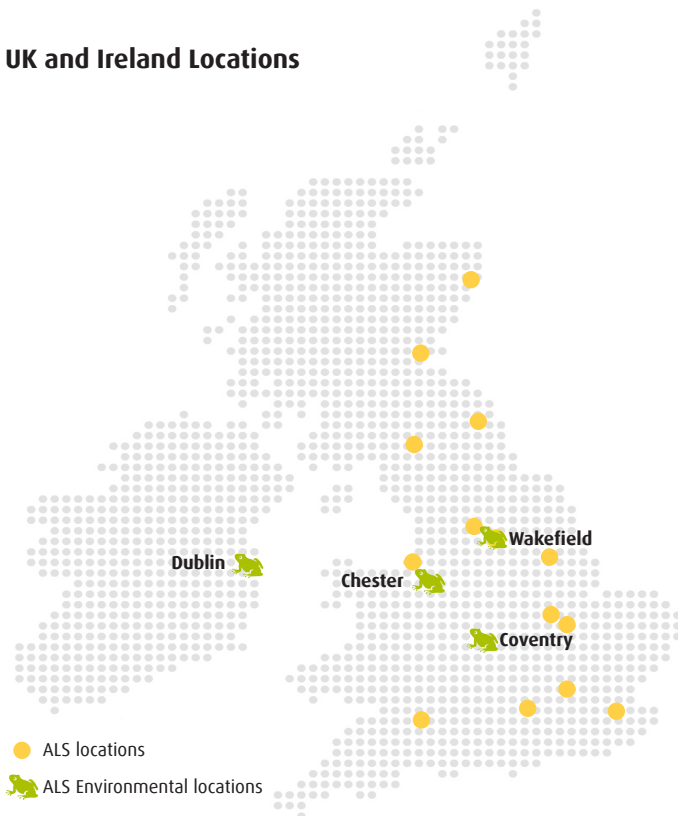
Due to the complex nature of the monitoring, Biffa utilised our Pre-Reg system. The system ensures all samples are registered correctly in the laboratory before pre-labelled containers are despatched for each sample point. Pre-Reg saves time, is easier to sample and the pre-labelled system guarantees that each sample has the appropriate analysis undertaken in line with Sample Stability guidelines

ALS Environmental provide a refrigerated collection service across the UK to deliver samples to the laboratory in Coventry in accordance to Sample Stability requirements.

As part of the regulations set out by the EA, the analytical requirements can vary for each site and sample point on a weekly, monthly, quarterly or annual suite.

# ALS Service Overview

## UK and Ireland Locations



## Quality

Providing customers with UKAS ISO 17025:2005, MCERTS and DWTS accredited data from our laboratories across the UK. We participate in a broad range of Proficiency Testing schemes and hold a DEFRA import licence for soils.

## Did you know that?

We are able to provide a broad range of additional services to help with your sampling including:

- Internal refrigerated and tracked courier network
- National portfolio of drop-off locations
- Pre-Registration of samples via our "Pre-Reg" system
- Dedicated customer service advisor
- Online reporting via our WebTrieve system

## Contaminated Land

We understand the time pressures of large scale Remediation and Brownfield projects and are a member of the AGS. Our Coventry laboratory utilises state of the art analytical equipment with the back-up of our sister laboratories across Europe to ensure that we deliver your projects on time every time.

## Legionella and Microbiology

Being members of the Legionella Control Association (LCA) we understand the emphasis placed on laboratory analysis for the Control of Legionella. With 3 methods for testing Legionella (including rapid PCR) and an understanding and appreciation the implications of ACoP L8, HSG 274 and HTM04-01 we are your ideal analytical partner for all of your water hygiene monitoring requirements.

## Waste Management

By working closely with some of the largest companies in this sector we are able to offer unrivalled analytical and administration services to ensure that your samples are processed swiftly and in line with the UKAS Deviating Sample Guidance.

## Drinking Water

We are one of only a handful of commercial laboratories to have a dedicated Drinking Water Testing Specification (DWTS) accredited laboratory, based in Wakefield, Yorkshire. We are able to supply analysis to the Public and Private Drinking Water Regulations

If you have any questions on our services or would like more information on ALS Environmental please call the Coventry laboratory on 02476 42 12 13 or visit our website.