



## Conquering Mould & Elevating Indoor Air Quality for a High Street Retailer

### *Identifying Mould & Indoor Air Quality Dangers*

#### Introduction

Mould thrives in various indoor settings, infiltrating buildings and homes effortlessly. It flourishes in environments abundant with moisture, often colonizing areas adjacent to leaks in roofs, windows, pipes, or locations struck by flooding. Further to this, the presence of mould can bring with it health risks and complications to those working or living in its vicinity.

WCS Group recently worked with a leading high-street retailer in the Midlands region to provide a range of indoor air quality and mould surveys following a flood in the store's basement.

#### Challenge

After the basement of the town center store experienced flooding, the client observed mold and fungi growth, coupled with noticeable dampness creeping from skirting boards to plasterboard. Due to this, staff were cautioned against entering the area—largely a storage space. If access was necessary, improved ventilation was recommended. As a result, the space remains unusable until surveys and remedies are completed.

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## Solution

WCS Group specialises in the meticulous surveying of indoor air quality, an essential step in pinpointing issues prior to rectification. In response to significant dampness stemming from the flooding, we initiated air surveys. The report prominently featured temperature and humidity data, crucial in revealing prevailing airborne moisture. Our team also performed dust and airborne microbiological sampling.

The completed report underscored elevated Total Viable Count (TVC) measurements for active airborne mould, exceeding 1000 CFU's per cubic meter. Humidity levels surged to 80%, while skirting board readings marked 75%+, both indicating considerable dampness.

## Value added

After thorough analysis and compilation of our survey report, the retail store finds itself in a significantly better position to proceed with the

necessary steps for effective remediation. The comprehensive insights gleaned from our team's meticulous survey equip the store with a comprehensive understanding of the prevailing issues.

Armed with this knowledge, the store can confidently embark on the path toward rectification, with a clear roadmap to address the identified concerns comprehensively.

If your premises is struggling with mould and damp it is likely that you are putting either yourself or those working or living in the premises at risk of respiratory health complications. Our expert team offer nationwide coverage with many of the team specialising in indoor air quality surveying.



If you are requiring support with a remediation project or you are simply looking to improve fire safety within your premises then look no further than our air division.

Air and fire services delivered by Hydro-X Air. Part of the WCS Group.



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