

Aggregate Company Tackling Dust Emissions with Oizom's Dustroid



Discover how a veteran aggregates company mitigated dust emissions using Oizom's Dustroid monitor installed by Codel, strengthening their environmental compliance, reducing local residential concerns, and enhancing their operational efficiency.



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United
Kingdom



Dustroid

Our Client

Our client has a rich history dating back to 1867. With over 150 years of experience, they provide aggregates to building merchants, landscapers, contractors, councils, highways, and other industry sectors. The company operates three UK production sites and four dock sites, holding over 100,000 tonnes of raw material.

The Challenge

As a result of the nature of their business, the aggregates company faced challenges with dust management. The machinery used in their processes produced large amounts of fine particles, necessitating highly efficient dust collectors to reduce both product loss and the presence of fine particles in and around the plant.

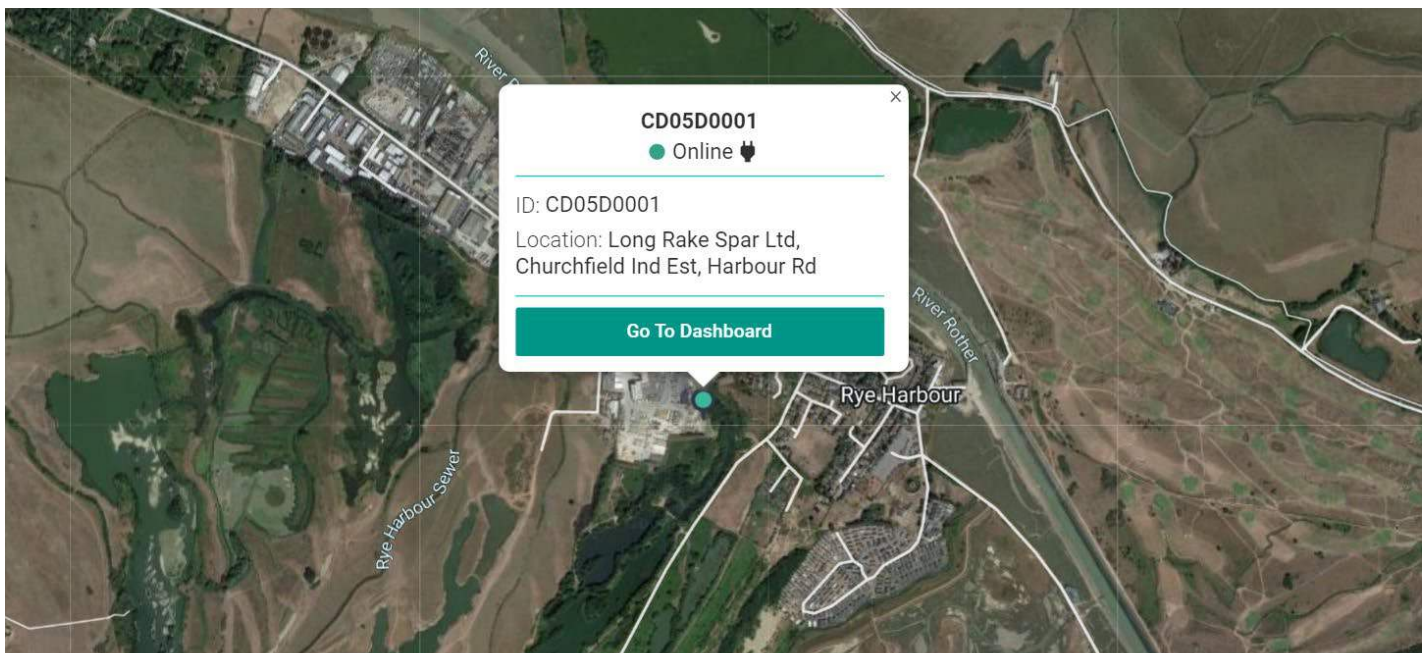
The company's site is located next to residential development and a local beach on the South Coast. They received complaints from local residents regarding high levels of dust frequently. To address these concerns, the client needed an effective solution for perimeter and fence-line monitoring of dust particles.

The Solution

The client chose Codel, our UK partner with a well-known reputation for emissions monitoring, as their one-stop shop for both filter plant upgrades and ambient air quality monitoring.

Initially, they sought to upgrade their dust collector drying plant and equipment with Codel's dust monitors featuring remote connectivity. During a site visit, they inquired about the availability of Ambient Air Quality monitors for perimeter or fence-line monitoring to measure dust particles.

Codel installed a single Oizom Dustroid monitor at the perimeter of the site, complete with wind speed, direction, and remote connectivity for multiple users. This provided the client with an all-in-one solution that streamlined their emission monitoring. It also facilitated seamless integration with their existing IT systems for analytics and reporting.



The Result

With the installation of the Oizom Dustroid monitor, the client can now empirically prove or disprove residential complaints in real time. This has significantly reduced the time spent by the company's environmental department in preparing compliance reporting. The remote monitoring system has become a valuable asset in achieving environmental compliance and meeting local responsibilities, ultimately reducing local residential concerns.