

Managing environmental compliance for CONSOL Energy USA



Client: CONSOL Energy, Inc.

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Overview

We have designed a fully searchable online, web based, environmental management database to enable CONSOL Energy, the largest producer of high-Btu bituminous coal in the USA, to manage and report on a vast amount of complex data across multiple facilities as required by various regulatory agencies.

Our client's challenge

CONSOL need to manage enormous amounts of field and laboratory generated monitoring data to be compliant as defined by their mining and other regulatory permits, to avoid costly fines, and to act in an environmentally responsible manner.

Our approach/services

We have developed our E-records Information Management System (ERIMS) to support the monitoring and logging of over 9,000 sample points, generating millions of analytical records, groundwater elevations and stream flow results.

Our online environmental management database has been optimized to meet CONSOL's requirements. It is used 24/7 by over 100 users for CONSOL and produces over 5 million internet page requests per year.

ERIMS outputs over 5,000 reports per year for submittal to regulatory agencies. The system enables dynamic searching and reporting, and includes an alert system so that monitoring and reporting deadlines are not missed. It also enables the upload and storage of electronic file reports and site photos for reference.

Outcome

Our system ensures that CONSOL Energy is able to meet its environmental compliance obligations and to act swiftly on any environmental risks that occur.

Our client's reputation as an environmentally responsible and prepared company has helped contribute to it being named as one of America's most admired companies by Fortune magazine.