

Straits Resources Tritton Mine uses MonitorPro to reduce the administrative burden of their data



MonitorPro

A professional environmental and sustainability information management solution, particularly suited for industries related to natural resources. MonitorPro is globally tested and used in water and waste water industries, as well as waste management, metals and mining.

Straits Resources Tritton mine is located near Nyngan in New South Wales, Australia. Copper Ore is mined from the Tritton mine and also from satellite mines known as Larsens and North East. The processing plant is near the Tritton mine, and copper concentrate is transport by rail from the mine to the coastal port of Newcastle.

The Need

Due in part to the large geographical area over which mining takes place, and in part due to the very historical nature of workings at the satellite mines, environmental monitoring at Tritton produces a relatively large volume of data spread over a very large number of sample points. This presented challenges in the management of the monitoring and in the visibility of the data.

The Solution

Tritton purchased two licences of MonitorPro Desktop in 2012. Initial implementation was undertaken internally by a staff member with experience of MonitorPro in previous roles; however, following staff changes, a consultant from EHS Data visited site in September 2014 to conduct training and reorganise the database structure to improve the visibility of data. At this time, numerous of the functionalities of MonitorPro were configured to maximise the benefit that could be realised through its use

Monitoring Schedules were set up

These allow the flexibility to take sample when convenient or when conditions allow, while still warning if the samples haven't been taken in time to collect them before the monitoring period comes to an end.

Compliance Limits and Email Alerts

These automatically warn of breaches of compliance limits when the data is imported, eliminating the need to manually check data.

Visual Reporting

Tritton are taking advantage of the easy link from MonitorPro to Golden Software's Surfer, which allows a visual representation of data to be generated in just a few clicks. In the case of Tritton, this is used to report on the positive effects of the active management of groundwater at locations around the site.



Using MonitorPro has increased the reliability and the usability of environmental monitoring at Tritton.

As EHS continues to develop the functionalities of MonitorPro, further efficiencies are being gained and further ways to utilise data, particularly in terms of spatial analysis, are being realised