



Newmont uses MP-5 to manage environmental data across Asia Pacific Region

Following the successful implementation and use of our systems at the part Newmont-owned Kalgoorlie Consolidated Gold Mines' (KCGM) Superpit operation in 2006, Newmont elected to role out the MP-5 system to its Asia Pacific region the following year. This consists today of four mine sites at Superpit (KCGM), the Jundee Operation, The Boddington Operation—all in Western Australia, and the Waihi Operation in New Zealand.

The system has twenty users in all with the Australian databases being centrally managed in Perth. MP-5 is managing multiple data types for each location which includes groundwater, dust, weather, noise, surface water, energy and a host of particular variables. During the operational phase at Jundee for example the company needs to collect the following data quarterly, all of which is managed in MP-5.

Groundwater	SWL, EC, pH, TDS, As, Ni, Cu, Se, Zn, Hg, Pb, Cd, WAD CN
Surface water	SWL, EC, pH, TDS, As, Ni, Cu, Se, Zn, Hg, Pb, Cd, WAD CN, TPH, BTEX, Total P, Total N, Fe, Na, K, Ca, Mg, Cl, CO3, HCO3, NO3, F, Mn, SiO2
Land	TPH, BTEX an Pb – Contamination of soil @ the Bioremediation Farm
Air	Gravimetric Dust
Levels of Hydrocarbons in Washbays	TPH, BTEX

Quarterly data Collection at Jundee

Newmont's Boddington site is using MP-5's capabilities to manage high resolution data to the full. Their 5 second blasting and vibration data, 15 minute weather and 10 minute air quality data are all managed through the same MP-5 interface, with custom regulatory and compliance reports being automatically generated. Specifically, a database for blasting data has been created which has included setting up a monthly report, compliance targets and creating a mechanism to import handheld data and that from noise monitoring stations. A number of other specific databases have also been set up for Boddington which includes an air-quality database which included weather data and the set up of particular reports, an environment database and a separate weather database in addition.



Newmont's Boddington Operation