

Water Quality Monitoring

Water effluents are daily monitored by the Envi team. The impact of the mining operations in water quality is assessed through the analysis of total suspended solids as well as its potential hydrogen (pH). The result of the analysis is evaluated through comparison of the upstream stations against effluents. The measurement points out the main contributories to enable the TMC to identify which area is to be addressed.

In supplementary to in-house monitoring of water quality, a third party also conducts independent assessments quarterly and is compared to the measurements obtained by the in-house. Calibration of the instrument used in-house is also undertaken by in-house every year.

In the event of an exceedance, application of mitigating measures following a more detailed analysis on the cause of the exceedance is undertaken. These measures are eventually evaluated through re-sampling. These measures include but are not limited to: installation of silt curtains, modification of drainage systems, and renovation of silt ponds.