

WATER RESOURCES

Pollution control structures such as series of settling ponds, silt collector sumps, impounding dikes and drainage system we're already constructed strategically to accommodate surface run-off during rains. These structures are designed to arrest and contain surface run-off from one mine bit and other areas and ensure effluent discharges are within the DENR prescribed levels of Total Suspended Solids (TSS) concentrations before it reaches the receiving body of water. Regular maintenance activities such as mechanical de-silting and manual de-silting will be implemented to maintain the effectiveness of these structures. Likewise, construction and maintenance of stockyard drainage canals are also implemented.

For this year, construction of additional settling ponds and sumps will be implemented strategically at Magkahuyog, Kaskag watershed, Area 12, Campandan and Cortes area. Establishment of drainage beams or curtain canals, in-pit catchment ponds or sumps and dike structures will also be undertaken as temporary measures to manage water during unpredictable weather condition.

On the other hand, HMC aims to have 12% reduction in wastes generation based on the previous year. HMC will implement its pilot project on Biogas technology. This project aims to maximize the upcycling of food wastes and make it more useful and sustainable.

HMC will continue to implement coastal enhancement programs such as mangrove reforestation, coastal and under water clean-ups and maintain its artificial coral reef enhancement and assessment. Moreover, mariculture projects such as soft-shell crabs, crab fattening and fish production will be continued, wherein site locations are in close proximity to the project sites. This is the indicator that water quality in these areas is clean and productive.

HMC will extend its program thru a collaborative project (Adopt a River Program) with the local government of Tagana-an, Surigao del Norte and DENR-PENRO-SDN in adopting the Tagana-an River and Kinabutan River in Surigao City, respectively. The "Adopt-a-River Program" aims to restore rehabilitate and/or enhance the present condition of the said water bodies.