

## **WATER QUALITY MONITORING**

Water is one of our most precious natural resources; it is two-thirds of earth's surface and our source of oxygen. As weather patterns change, supply of clean water also changes. So much groundwater is being pumped out and likewise spring and surface water from creeks/streams also utilized for domestic water use. This has led to some strict regulations on water usage with increased rates and penalties for excessive use of resources.

In compliance to Republic Act 9275 "Philippine Clean Water Act of 2004" and in coordination with National Water Resources Board (NWRB) which stipulated on ECC conditions, Cagdianao Mining Corporation secured two (2) Water Permits on December 3, 2002.

CMC has established 11 water quality (ambient), 4 freshwater, 2 Groundwater, 8 Potable Water, and 11 Effluent Water monitoring and 6 Chromium Hexavalent stations to determine the impacts of its operations on the receiving bodies of water (Dinagat Sound). For 2022, CMC will continue to implement its EMoP and committed to implement monthly pH and TSS monitoring. And a quarterly monitoring of the required parameters under nickel mining industry according to DAO 2016-08 and DAO 2021-19.

Php 14,510,000.00 financial target includes the Php 660,000.00 budget for water sampling analysis. Also, includes the budget for the four (4) quarter third party monitoring by the Fast Laboratories. Other expenses will be distributed for the procurement of prescribed PPEs for the environment monitoring personnel and the scheduled calibration and maintenance of multi parameter tester.