

ENVIRONMENTAL AND SOCIAL MONITORING OF COGENERATION PLANT

Project Overview

For the past 8 years Matrix has been monitoring the environmental, health, safety and social (EHSS) performance of an electricity/steam cogeneration plant near Monterrey, México. The results of this annual audit assist the Inter-American Development Bank (IADB) with its loan approval process.

Prior to approval for construction, Matrix was retained to conduct an EHSS due diligence review for the planned cogeneration facility. Then, during construction, Matrix monitored compliance with EHSS performance requirements specified in the IADB loan agreement and evaluated the adequacy of emergency response plans and implementation of mitigation measures. To accomplish these objectives, Matrix reviewed a wide range of documentation including hazard assessment and control plans and procedures, progress reports and the results of air quality and noise monitoring programs. Quarterly site visits were used to confirm compliance with the terms of the loan agreement and to evaluate the success of implemented mitigation measures.



Matrix's Role

With the cogeneration plant now in its operational phase, Matrix continues to monitor compliance with the IADB loan agreement as well as applicable Mexican standards. Matrix prepares a report following each annual site visit, confirms the compliance status of loan agreement terms, and makes recommendations for improving EHSS performance through review and update of management systems and operational procedures as required.