

# Worksheet 1: Effective Monitoring of Mining Projects: From EPEP and MMT Monitoring Report Insights to Practical Implementation

This workshop will engage participants in accessing and analyzing Environmental Protection and Enhancement Program (EPEP) and Mine Monitoring Team (MMT) reports, focusing on evaluating environmental impacts, mitigation measures, and spending. By the end of the session, participants will develop a short presentation about their findings and recommendations on how to better implement the EPEP of the mining company.

**Group Number:**

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## Section 1: Impact Analysis

- 1. Step 1. Identification of Key Environmental Impacts:**  
*(Using the Annual EPEP, describe at least one of the impacts of the mining company on Water Resources: Mine Water Supply, Acid Mine Drainage, Drainage System, Water Dilution to Control pH Level etc.)*
- 2. Step 2. Mitigation Measures Proposed in the EPEP:**  
*(Based on the Annual EPEP and MMT Report, what specific activities have been proposed to mitigate these impacts on Water Resources? List and describe them briefly.)*
- 3. Step 3. Current Implementation Status (from MMT Report):**  
*(Based on the MMT COMPLIANCE MONITORING AND VALIDATION REPORT (CMVR) FORM FOR MINING INDUSTRIES as of the 4th Quarter of 2023, how effectively are these measures being implemented based on the report. What challenges or gaps exist in their implementation?)*
- 4. Step 4. Spending on Mitigation Efforts:**  
*(Based on the Physical and Financial Accomplishment Report, how much is the annual budget for Water Resources in 2023? How much was the actual expenditure as of December 2023?)*

<p>Description of Key Environmental Impacts on Water Resources</p>	
<p>Mitigation Measures or Activity Proposed for Water Resources in the Annual EPEP</p>	
<p>Current Implementation Status from MMT Report.</p>	
<p>Spending on Mitigation Efforts</p>	<p>Annual Budget for Water Resources (2023): (Enter budget)</p> <hr/> <p>Actual Expenditure as of Dec 2023: (Enter actual expenditure)</p> <hr/> <p>Percentage Spent: (Calculate the percentage of the budget spent: Actual Expenditure / Annual Budget x 100%)</p>

## **Section 2: Recommendations**

*The recommendation/s need not be very comprehensive. The goal of this workshop is to introduce the participants on how to access and analyze EPEP and MMT reports.*

### **1. Proposed Improvements to EPEP Implementation:**

*(Based on your analysis, what changes or improvements can be made to enhance the effectiveness of the EPEP? Are there ways to improve and optimize spending on mitigation to ensure better environmental outcomes?)*