

II. ENVIRONMENTAL MANAGEMENT PLAN

ACTIVITY	IMPACT AREA/S	MITIGATION/ENHANCEMENT MEASURE	COST(P)	RESPONSIBLE ENTITY/PERSON
Pre-Operation Phase				
1. Creation of Multi-disciplinary team(EO No. 8, S. 2013)	Technical knowledge on the program/project	Capability Programs/workshops/write shops, trainings/seminars/meetings		Provincial Program Management & Implementing Unit
2. Clearances	NCIP/DENR-EMB/LGUs/IPs	Public Consultation and social acceptability	30,000.00	SES/ENRO
Operational Phase				
1. Temporary increase in sedimentation during construction	Land Water Air	Proper disposal and compaction of spoils	Refer to Programs of Work	Contractor
2. Potential contamination of surface and groundwater with oil/grease	Groundwater table	Proper handling and disposal of waste oil and grease	20,000.00	Contractor
3. Potential contamination with human waste	Land Air	Set up adequate latrine/toilet facility at the base camp	5,000.00	Contractor/ENRO
4. Potential disruption of traffic flow	Commuters/road users	Keep the road open to traffic flow and minimize disruptions along the access road and/or construction area; Provide adequate warning signs and traffic personnel when necessary	Refer to Programs of Work	Contractor
5. Potential dust/mud nuisance during construction	Air Land	<ul style="list-style-type: none"> - Set up speed limits for vehicles, especially within residential areas - Regular watering system to avoid dust. 	5,000.00	Contractor/ENRO/OPE
6. Landslide/erosion of exposed road sides resulting in sedimentation of waterways	Land	Relatively benign terrain Others: RCPC	Refer to DED and Programs of Work	Contractor/OPE
7. Inadequate drainage resulting in flooding or ponding	Land	Installation of cross drain between stations: 2+000, 2+840, 3+480 and 3+840 (per station line has 7 pieces pipe culvert with 910mm sizes.)	Refer to DED/Programs of Work	Contractor/OPE
9. Potential upland forest development through establishment	Land	Subject for expansion for dairy forage with 8-hectares area in coordination with Department of Agrarian Reform	Refer to Organization and management of Malava	Proponent Group ENRO Municipality of Mallo