BUILDING PROJECTS
INITIAL ENVIRONMENTAL EXAMINATION (IEE) CHECKLIST REPORT FORM

I. ENVIRONMENTAL IMPACT AND MANAGEMENT PLAN

Possible Environmental/Social Impacts	Baseline Environment	Preventive/Mitigating Measures ☑Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost	Monitoring Parameters/ Implementation	Remarks
LAND				
☑ Consistency with land use	Current land use w/in 1km radius (as per zoning ordinance): ☐ Residential ☐ Commercial/ Institutional ☐ Industrial ☐ Agricultural/ Recreational ☐ Protected Areas ☐ Others, specify Actual land uses w/in 1km radius: ☐ Residential ☐ Commercial/ Institutional ☐ Industrial ☐ Agricultural/ Recreational ☐ Protected Areas ☐ Others, specify	☑ See attached proof of compatibility with land use ☑ Limit project activities to what is compatible to the land use ☐ Others , specify		

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		☑Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost		
☐ Land tenure / compatibility issue	Identify land tenure / compatibility issues: ☐ CARP ☐ CADC/ CADT/ CALC/ CALT ☐ ROW ☐ Informal settlers ☐ Ecologically sensitive or protected area ☐ Others, specify	☐ Obtain appropriate clearances/ permits from concerned agencies ☐ Resettlement Plan prepared ☐ Provide relocation/disturbance compensation packages ☐ Ensure participation of IPs in consultations and dialogues ☐ MOA prepared/signed ☐ Provide adequate buffer ☐ Others, specify	☑ Regularly monitor presence/absence of complaints ☑ Regular coordination with LGU or appropriate agencies ☐ Others, specify	
☐ Disturbance to wildlife due to vegetation clearing	Existing vegetation in the area: ☐ Forestland ☐ Marshland ☐ Grassland ☐ Mangrove ☐ Wetland ☐ Others, specify	☑ Comply with conditions of DENR/LGU SLUP, Tree Cutting Permit, ROW, PCA Permit ☑ Limit land clearing as much as possible ☑ Provide temporary fencing for vegetation that will be retained ☑ Promote restoration of damaged or destroyed vegetation where possible (e.g., tree planting)	☑ Annual inspection of area replanted/ re-vegetated ☐ Others, specify	

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☐ Change in surface landform/ topography/ terrain/slope ☐ Soil Erosion	Slope: ☐ Flat (0-3%) ☐ Gently sloping to rolling (3-18%) ☐ Steep (>18%) Is the project site located in an area identified by MGB/PAG-ASA/ PHIVOLCS as hazard prone? ☐ Yes ☐ No	Considering the natural hazards and climate projections in the area: ☐ Provide erosion control and slope protection measures ☐ Designate a Spoils Storage Area, with topsoil set aside for later use and allow maximum re-use of spoils ☐ Construct during dry season ☐ Stabilize embankment with grasses or other soil cover ☐ Conduct Engineering Geological and Geo-hazard Assessment (EGGA) and implement corresponding recommendation ☐ Others, specify	☐ Regular inspection of slope protection measures in erosion-prone areas ☐ Regular inspection for new eroded areas near the site ☐ Others, specify	☐ Slope/ Erosion Control Cost: ☐ Others, specify
Building of Structure and Improper solid waste disposal leading to: ☐ Impairment of visual aesthetics ☐ Devaluation of land values	Presence of visually significant landforms/landscape/structures? ☐ Yes ☐ No Solid Waste Management Scheme in the area: ☐ SLF ☐ MRF ☐ Composting ☐ Regular Collection of Solid Wastes	☐ Set up temporary fence around the construction area ☐ Implement landscaping and other beautification measures ☐ Provide adequate buffer ☐ Compensate adjacent property owners ☑ Implement re-use and recycling of waste materials ☑ Provide receptacles / bins for solid wastes and implement proper segregation, collection and disposal of domestic wastes in designated areas ☐ Coordinate with the municipal / city waste collectors	☑ Daily inspection of waste handling including segregation in waste/recycling bins ☑ Weekly inspection of waste accumulation and disposal ☐ Regular inspection of landscaping and other beautification activities ☐ Regular monitoring of buffer zones ☑ Regular monitoring for presence/absence of complaints from adjacent property owners	

<table>
<tr><th>Possible Environmental/Social Impacts</th><th>Baseline Environment</th><th>Preventive/Mitigating Measures
☑Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost</th><th>Monitoring Parameters/ Implementation</th><th>Remarks</th></tr>
<tr><td></td><td></td><td>☐ Engage third party company for waste collection
☐ Others, specify</td><td>☐ Others, specify</td><td></td></tr>
<tr><td colspan="5">WATER</td></tr>
<tr><td>☐ Increased siltation due to project activities
☐ Water quality degradation
☐ Others, specify</td><td>Specify nearest/receiving water body:
Distance to nearest/receiving water body:
☐ 0 to less than 0.5 km
☐ 0.5 to 1 km
☐ More than 1 km
Classification of nearest water body:<table><tr><td>☐ Freshwater</td><td>☐ Marine/ coastal water</td></tr><tr><td>☐ AA</td><td>☐ SA</td></tr><tr><td>☐ A</td><td>☐ SB</td></tr><tr><td>☐ B</td><td>☐ SC</td></tr><tr><td>☐ C</td><td>☐ SD</td></tr></table></td><td>☑ Set up proper and adequate sanitary facilities
☐ Ensure strict observance of proper waste handling and disposal and proper sanitation including by the contractors and its workers (if any)
☐ Provide wastewater treatment facility (e.g., oil and water separator, etc.)
☐ Set up silt trap/stilling ponds to minimize downstream siltation
☐ Provide three-chambered septic tank for domestic sewage
☐ Provide ring canals around fuelling tanks/ motorpool/ maintenance areas
☐ Others, specify</td><td>Regular (ocular) inspection of water body for:
☐ Drainage/canal systems
☐ Wastewater treatment facility (i.e., grease trap, septic tank, etc.
Regular monitoring of the following:<table><tr><th>Parameter</th><th>Frequency</th></tr><tr><td>☐ pH</td><td>☐ Annual
☐ Semi-annual
☐ Quarterly</td></tr><tr><td>☐ TSS concentration</td><td>☐ Annual
☐ Semi-annual
☐ Quarterly</td></tr><tr><td>☐ BOD</td><td>☐ Annual
☐ Semi-annual
☐ Quarterly</td></tr></table></td><td>☑ Cost integrated in the construction/ operation cost</td></tr>
</table>

Possible Environmental/Social Impacts	Baseline Environment	Preventive/Mitigating Measures ☑Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost	Monitoring Parameters/ Implementation	Remarks
	☐ D Current Use of nearest/ receiving water body: ☐ Fishery ☐ Tourist Zone / Park ☐ Recreational ☐ Industrial ☐ Agricultural ☐ Others, specify: Distance of project area to the nearest well used: ☐ 0 to less than 0.5 km ☐ 0.5 to 1 km ☐ More than 1 km Use of nearest well: ☐ Drinking/Domestic ☐ Industrial ☐ Agricultural			
☐ Competition in water use ☐ Depletion of water resources	Size of population using proposed water source: ☐ ≤ 1,000 persons ☐ >1,000 and ≤ 5,000 persons	☑ Implement rainwater harvesting and similar measures as an alternative source of water ☑ Observe water conservation measures	☑ Regular monitoring for presence/absence of complaints ☑ Regular coordination with concerned agencies	

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	☐ >5,000 persons Current Use of water source : ☐ Fishery ☐ Tourist Zone / Park ☐ Recreational ☐ Industrial ☐ Agricultural ☐ Others, specify Available/nearest water source. ☐ Deepwell ☐ Water district/LGU ☐ Surface water ☐ Others, specify	☐ Carefully select project site to avoid disruption of traditional water uses ☐ Obtain Water Permit from NWRB ☐ Improve efficiency of water supply and distribution system ☐ Others, specify	☑ Regular monitoring for occurrences of water shortages ☐ Others, specify	

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☐ Increased occurrence of flooding	Is the project site located in an area identified by MGB/ PAG-ASA as flood prone? ☐ Yes ☐ No	☐ Use appropriate design for project facilities ☐ Implement appropriate drainage system ☐ Regularly remove debris and other materials that may obstruct water flow ☐ Use appropriate technology (e.g., raised hand-pumps) to protect drinking water from flood contamination ☐ Others, specify	☑ Regular monitoring for presence/absence of complaints ☑ Regular coordination with concerned agencies ☑ Regular monitoring for increased frequency of flooding ☐ Others, specify	
AIR / NOISE				
Air quality degradation	Distance to nearest community: ☐ 0 to less than 0.5 km ☐ 0.5 to 1 km ☐ More than 1 km Is the wind direction blowing towards the nearest community most of the year? ☐ Yes ☐ No	☐ Properly operate and maintain all emission sources (e.g. vehicles, generator, etc) ☐ Strictly enforce good housekeeping practices ☐ Control vehicle speed to lessen suspension of road dust ☐ Conduct water spraying to suppress dust sources and minimize discomfort to nearby residents ☐ Use covered vehicles to deliver materials that may generate dust ☐ Others, specify	☑ Regular monitoring for presence/absence of complaints ☑ Quarterly Monitoring of TSP during construction stage Regular (ocular) inspection of: ☐ Absence of white or black smoke from vehicles, generator, etc. ☐ Presence of truck cover during deliveries	☑ Cost integrated in the construction/ operation cost

Possible Environmental/Social Impacts	Baseline Environment	Preventive/Mitigating Measures ☑Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost	Monitoring Parameters/ Implementation	Remarks
☐ Nuisance due to noise generation	Distance to nearest community: ☐ 0 to less than 0.5 km ☐ 0.5 to 1 km ☐ More than 1 km	☐ Properly operate and maintain all noise sources (e.g., vehicles, generator, etc.) ☐ Install appropriate noise control device/s (e.g., mufflers, silencer, sound barriers, etc.) ☐ Provide adequate buffer and planting of trees ☐ Others, specify	☑ Regular monitoring for presence/absence of complaints ☐ Regular monitoring of buffer zones	☑ Cost integrated in the construction/ operation cost
PEOPLE				
☐ Displacement of residents including indigenous people (if any) in the project site and within its vicinity ☐ Enhanced employment and/or livelihood opportunities ☐ Reduced employment and/or livelihood opportunities ☐ Increased revenues for LGU ☐ Disruption/ Competition in delivery of public services (e.g., education, peace	Size of population of host barangay: ☐ ≤ 1,000 persons ☐ >1,000 and ≤ 5,000 persons ☐ >5,000 persons ☐ Indigenous People Size: Classification of host barangay: ☐ Urban ☐ Rural Employment/Livelihood Opportunity Rate in the host Municipality: ☐ High	☐ Provide relocation/disturbance compensation packages ☑ Prioritize local residents for employment ☑ Promptly pay local taxes and other financial obligations ☑ Regular coordination with LGU ☐ Prior consultation and coordination to minimize disruption of daily domestic activities ☐ Ensure participation of IPs in consultations and dialogues & consider IP rights and cultural practices in the provision of relocation/disturbance compensation packages ☐ Provide appropriate traffic/warning signs, lighting, etc ☐ Others, specify	☑ Regular monitoring for presence/absence of complaints ☑ Regular coordination with LGU ☐ Others, specify	☑ Cost integrated in the construction/ operation cost

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and order, etc.) ☐ Enhanced delivery of public services (e.g., education, peace and order, etc.) ☐ Increase in traffic volume and worsening of traffic flow	☐ Low Description Available services within/near the host barangay: ☐ Schools (e.g. elementary, high school, college) ☐ Health facilities (e.g., clinics, hospitals, etc.) ☐ Peace and order (e.g., police outpost, Brgy. Tanod, etc.) ☐ Recreation and sports facilities ☐ Others, specify			
☐ Destruction/disturbance of physical cultural resources. *(✓ if project site has been identified to have such by NM, NHCP, NCAA and LGUs)*	Physical Cultural resources within the vicinity of the project site	☐ Implement appropriate protocols based on NM, NHCP, NCAA and LGU guidelines including those for chance finds (if any). Specify:	☐ Regular coordination with NM, NHCP, NCAA and LGU	

Possible Environmental/Social Impacts	Baseline Environment	Preventive/Mitigating Measures	Monitoring Parameters/ Implementation	Remarks
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☐ Impacts on community health and safety ☐ Others, specify	Source of risks (please specify) ☐ Explosives : ☐ Flammable substances: ☐ Toxic substances: ☐ Others, specify	☑ Regularly coordinate with LGU ☐ Provide appropriate warning signs, lighting and barricades, whenever practicable ☑ Observe proper housekeeping ☐ Provide on-site medical services for any emergency. ☐ Participate in public awareness programs on health and safety ☐ Implement appropriate safety programs for both community and workers ☑ Strictly comply with fire, safety and similar regulatory requirements ☐ Others, specify	☑ Regular monitoring for presence/absence of complaints ☑ Regular coordination with LGU ☑ Regular submission of reports to concerned agency ☐ Others, specify	☑ Cost integrated in the construction/ operation cost