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		

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 Tenure/ Compatibility Issue	Identify land tenure/compatibility issue/s: ☐ CARP ☐ CADC/ CADT/ CALC/ CALT ☐ ROW ☐ Informal settlers ☐ Ecologically sensitive or protected area ☐ Others, specify	☐ Obtain the following 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	☑ Annual inspection of area replanted/ re-vegetated ☐ Others, specify	

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
		(e.g., tree planting) ☐ Others, specify		
☐ 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	☐ Employ appropriate soil erosion control and slope protection measures considering the natural hazards and climate projections in the area ☐ 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	
Building of Structure and Improper solid waste disposal leading to: ☑ Impairment of visual	Solid Waste Management Scheme in the area: ☐ SLF ☐ MRF	☑ Implement recovery re-use and recycling of waste materials ☑ Provide receptacles / bins for solid wastes	☑ Daily inspection of waste handling including segregation in waste/recycling bins ☑ Weekly inspection of waste	

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
aesthetics ☐ Devaluation of land values	☐ Composting ☐ Regular Collection of Solid Wastes Presence of visually significant landforms/landscape/structures? ☐ Yes ☐ No	☐ Composting of Organic Wastes ☐ Coordinate with the municipal / city waste collectors ☐ Implement landscaping and other beautification measures ☐ Provide adequate buffer ☐ Compensate adjacent property owners ☐ Others, please specify	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 ☐ Others, specify	
WATER				
☐ Increased siltation due to project activities ☐ Water quality degradation ☐ Others, specify	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:	☑ 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., septic tank, oil and water separator, etc.) ☐ Set up silt trap/settling ponds to minimize downstream siltation ☐ Provide ring canals around fuelling tanks/ motor pool/ maintenance areas	Regular (ocular) inspection of water body and drainage/canal systems for: ☐ Turbidity and/or silted condition ☐ Floating wastes or debris Regular monitoring of ambient water for the following: Parameter: ☐ pH Frequency: ☐ Annual ☐ Semi-annual ☐ Quarterly	

Possible Environmental/Social Impacts	Baseline Environment	Preventive/Mitigating Measures	Monitoring Parameters/ Implementation	Remarks
		☑ Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost		
	☐ Freshwater / ☐ Marine/ coastal water ☐ AA / ☐ SA ☐ A / ☐ SB ☐ B / ☐ SC ☐ C / ☐ SD ☐ D Current Water Use: ☐ Fishery ☐ Tourist Zone / Park ☐ Recreational ☐ Industrial ☐ Agricultural ☐ Others, specify: Size of population using receiving surface water: ☐ ≤ 1,000 persons ☐ >1,000 and ≤ 5,000 persons ☐ >5,000 persons Distance of project area to the nearest well used: ☐ 0 to less than 0.5 km	☐ Others, specify	☐ TSS concentration: ☐ Annual ☐ Semi-annual ☐ Quarterly ☐ Color: ☐ Annual ☐ Semi-annual ☐ Quarterly ☐ Oil and Grease: ☐ Annual ☐ Semi-annual ☐ Quarterly	

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
	☐ 0.5 to 1 km ☐ More than 1 km Use of the nearest well: ☐ Drinking/Domestic ☐ Industrial ☐ Agricultural ☐ Others, specify			
☐ Competition in water use ☐ Depletion of water resources	Size of population using the source/s of water for the project: ☐ ≤ 1,000 persons ☐ >1,000 and ≤ 5,000 persons ☐ >5,000 persons Available/nearest water source. ☐ Deepwell ☐ Water district/LGU ☐ Surface water ☐ Others, specify	☐ Implement rainwater harvesting and similar measures as an alternative source of water ☐ Observe water conservation measures ☐ Others, specify	☑ Regular monitoring for presence/absence of complaints ☑ Regular coordination with concerned agencies ☑ Regular monitoring for occurrences of water shortages ☐ Others, specify	

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
☐ 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 ☐ Limit the depth and area of workspace ☐ 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				

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
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.) ☐ Install, when applicable, the appropriate air pollution control device/s ☐ 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 Regular (ocular) inspection forf: ☐ Absence of white or black smoke from vehicles, generator, etc. ☐ Presence of truck cover during deliveries Monitoring of ambient air for the following: Parameter: ☐ PM10 — Frequency: ☐ Annual ☐ Semi-annual ☐ Quarterly Parameter: ☐ TSP — Frequency: ☐ Annual ☐ Semi-annual ☐ Quarterly	
☐ 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.) ☐ Implement appropriate operating hours	☐ Regular monitoring for presence/absence of complaints ☐ Regular monitoring of buffer zones ☐ Quarterly monitoring of noise level ☐ Others, specify	

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
		☐ Provide adequate buffer *(e.g., Perimeter planting of trees to serve as sound buffer and greenbelt)* ☐ Others, specify		
PEOPLE				
☐ Displacement of residents including indigenous people 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 and order, etc.) ☐ Enhanced delivery of public services (e.g., education, peace and	Size of population of host barangay/s: ☐ ≤ 1,000 persons ☐ >1,000 and ≤ 5,000persons ☐ >5,000person ☐ Indigenous People Size: Classification of host barangay: ☐ Urban ☐ Rural Employment/Livelihood Opportunity Rate in the host Municipality: ☐ High ☐ Low	☐ 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	☑ Presence/Absence of complaints ☑ Regular coordination with LGU ☐ Others, specify	

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
order, etc.) ☐ Increase in traffic volume and worsening of traffic flow	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			

Possible Environmental/Social Impacts	Baseline Environment	Preventive/Mitigating Measures	Monitoring Parameters/ Implementation	Remarks
		☑ Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost		
☐ Impacts on community health and safety ☐ Others, specify		☑ Regular coordination 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 ☐ Strictly comply with requirements of RA 6969 ☐ Others, specify	☑ Regular monitoring for presence/absence of complaints ☑ Regular coordination with LGU ☑ Regular submission of reports to concerned agency ☐ Others, specify	