

## II. ENVIRONMENTAL IMPACTS AND MANAGEMENT PLAN

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

Possible Environmental/ Social Impacts	Baseline Environment	Preventive/ Mitigating Measures	Monitoring Parameters/ Implementation	Remarks
		<input checked="" type="checkbox"/> Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost		
<input type="checkbox"/> Land tenure / compatibility issue	Identify land tenure / compatibility issues: <input type="checkbox"/> CARP <input type="checkbox"/> CADC/ CADT/ CALC/ CALT <input type="checkbox"/> ROW <input type="checkbox"/> Informal settlers <input type="checkbox"/> Ecologically sensitive or protected area <input type="checkbox"/> Others, specify	<input type="checkbox"/> Obtain appropriate clearances/ permits from concerned agencies:  <input type="checkbox"/> Resettlement Plan prepared <input type="checkbox"/> Provide relocation/disturbance compensation packages <input type="checkbox"/> Ensure participation of IPs in consultations and dialogues <input type="checkbox"/> MOA prepared/signed <input type="checkbox"/> Provide adequate buffer <input type="checkbox"/> Others, specify	<input checked="" type="checkbox"/> Regularly monitor presence/absence of complaints <input checked="" type="checkbox"/> Regular coordination with LGU or appropriate agencies <input type="checkbox"/> Others, specify	
<input type="checkbox"/> Disturbance to wildlife due to vegetation clearing	Existing vegetation in the area: <input type="checkbox"/> Forestland <input type="checkbox"/> Marshland <input type="checkbox"/> Grassland <input type="checkbox"/> Mangrove <input type="checkbox"/> Wetland	<input checked="" type="checkbox"/> Compliance with conditions of DENR/LGU SLUP, Tree Cutting Permit, ROW, PCA Permit <input checked="" type="checkbox"/> Limit land clearing as much as possible <input checked="" type="checkbox"/> Provide temporary fencing for vegetation that will be retained	<input checked="" type="checkbox"/> Annual inspection of area replanted/ re-vegetated <input type="checkbox"/> Others, specify	

Possible Environmental/ Social Impacts	Baseline Environment	Preventive/ Mitigating Measures	Monitoring Parameters/ Implementation	Remarks
		<input checked="" type="checkbox"/> Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost		
	<input type="checkbox"/> Others, specify	<input checked="" type="checkbox"/> Promote restoration of damaged or destroyed vegetation where possible (e.g. tree planting); <input type="checkbox"/> Provide adequate buffer zone		
<input type="checkbox"/> Change in surface landform/ topography/ terrain/slope  <input type="checkbox"/> Soil Erosion	Slope: <input type="checkbox"/> Flat (0-3%) <input type="checkbox"/> Gently sloping to rolling (3-18%) <input type="checkbox"/> Steep (>18%)  Is the project site located in an area identified by MGB/PAGASA/ PHIVOLCS as hazard prone? <input type="checkbox"/> Yes <input type="checkbox"/> No	Considering the natural hazards and climate projections in the area: <input type="checkbox"/> Employ appropriate erosion control and slope protection measures <input type="checkbox"/> Designate a spoils storage area, with topsoil set aside for later use and allow maximum re-use of spoils <input type="checkbox"/> Construct during dry season <input type="checkbox"/> Stabilization of embankment with grasses or other soil cover <input type="checkbox"/> Conduct Engineering Geological and Geo-hazard Assessment (EGGA) and implement corresponding recommendation <input type="checkbox"/> Others, specify	<input type="checkbox"/> Regular inspection of slope protection measures in erosion-prone areas <input type="checkbox"/> Regular inspection for new eroded areas near the site <input type="checkbox"/> Others, specify	

Possible Environmental/ Social Impacts	Baseline Environment	Preventive/ Mitigating Measures	Monitoring Parameters/ Implementation	Remarks
		<input checked="" type="checkbox"/> Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost		
<div><input type="checkbox"/> Soil/Land contamination due to materials leakage</div> <div><input type="checkbox"/> Depletion of soil nutrient content/soil productivity/Change in acidity/alkalinity of soil</div>	<div>Existing soil type in the area:</div> <div><input type="checkbox"/> Sandy</div> <div><input type="checkbox"/> Clay</div> <div><input type="checkbox"/> Sandy-loam</div> <div><input type="checkbox"/> concrete/cement</div> <div><input type="checkbox"/> Others, specify</div> <div>Soil acidity/alkalinity</div> <div><input type="checkbox"/> acidic</div> <div><input type="checkbox"/> basic</div> <div>Soil test/analysis (secondary data)</div> <div>N =</div> <div>P =</div> <div>K =</div> <div>Trace metals/micro nutrients =</div>	<div><input checked="" type="checkbox"/> Secondary containment (pls. specify) :</div> <div><input checked="" type="checkbox"/> Engage third party company for waste collection</div> <div><input type="checkbox"/> Others, specify</div>	<div><input checked="" type="checkbox"/> Regular inspection for leakage of materials that can cause land/soil contamination.</div> <div><input checked="" type="checkbox"/> Monitoring of soil physical and chemical properties</div> <div><input type="checkbox"/> Others, specify</div>	

Possible Environmental/ Social Impacts	Baseline Environment	Preventive/ Mitigating Measures	Monitoring Parameters/ Implementation	Remarks				
		<input checked="" type="checkbox"/> Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost						
Building of Structure and Improper solid waste disposal leading to <input type="checkbox"/> Impairment of visual aesthetics <input type="checkbox"/> Devaluation of land values	Solid Waste Management Scheme in the area: <input type="checkbox"/> SLF <input type="checkbox"/> MRF <input type="checkbox"/> Composting <input type="checkbox"/> Regular Collection of Solid Wastes Presence of visually significant landforms/landscape/structures? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Implement landscaping and other beautification measures <input checked="" type="checkbox"/> Provide adequate buffer <input type="checkbox"/> Composting of Organic Wastes <input checked="" type="checkbox"/> Coordinate with the municipal / city waste collectors <input type="checkbox"/> Implement landscaping and other beautification measures <input checked="" type="checkbox"/> Provide adequate buffer  <input type="checkbox"/> Compensate adjacent property owners <input type="checkbox"/> Others, specify	<input checked="" type="checkbox"/> Daily inspection for presence of garbage in the facility <input checked="" type="checkbox"/> Weekly inspection of waste accumulated <input checked="" type="checkbox"/> Regular inspection of landscaping and other beautification activities <input checked="" type="checkbox"/> Regular monitoring of buffer zones <input checked="" type="checkbox"/> Regularly monitor presence/absence of complaints from adjacent property owners <input type="checkbox"/> Others, specify					
WATER								
<input type="checkbox"/> Increased siltation due to project activities <input type="checkbox"/> Water quality degradation <input type="checkbox"/> Thermal pollution <input type="checkbox"/> Others, specify	Specify nearest/receiving water body:   Distance to nearest/receiving water body: <input type="checkbox"/> 0 to less than 0.5 km	<input checked="" type="checkbox"/> Set-up proper and adequate sanitary facilities <input checked="" type="checkbox"/> Ensure strict observance of proper waste handling and disposal and proper sanitation including by the contractors and its workers (if any)  Provision of wastewater treatment facility <input checked="" type="checkbox"/> For process wastewater, specify	Regular (ocular) inspection of: <input checked="" type="checkbox"/> Drainage / canal systems <input checked="" type="checkbox"/> Water treatment facility  Regular monitoring of ambient water quality: <table border="1"> <thead> <tr> <th>Parameter</th><th>Frequency</th></tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/> pH</td><td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly               </td></tr> </tbody> </table>	Parameter	Frequency	<input checked="" type="checkbox"/> pH	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	
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Possible Environmental/ Social Impacts	Baseline Environment	Preventive/ Mitigating Measures	Monitoring Parameters/ Implementation		Remarks																														
		<input checked="" type="checkbox"/> Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost																																	
	<input type="checkbox"/> 0.5 to 1 km <input type="checkbox"/> More than 1 km  Classification of nearest/receiving water body: <table border="1"> <tr> <td><input type="checkbox"/> Freshwater</td><td><input type="checkbox"/> Marine/ coastal water</td></tr> <tr> <td><input type="checkbox"/> AA</td><td><input type="checkbox"/> SA</td></tr> <tr> <td><input type="checkbox"/> A</td><td><input type="checkbox"/> SB</td></tr> <tr> <td><input type="checkbox"/> B</td><td><input type="checkbox"/> SC</td></tr> <tr> <td><input type="checkbox"/> C</td><td><input type="checkbox"/> SD</td></tr> <tr> <td><input type="checkbox"/> D</td><td></td></tr> </table>  Current Water Use: <input type="checkbox"/> Fishery <input type="checkbox"/> Tourist Zone / Park <input type="checkbox"/> Recreational <input type="checkbox"/> Industrial <input type="checkbox"/> Agricultural  Distance of project area to the nearest well used: <input type="checkbox"/> 0 to less than 0.5 km <input type="checkbox"/> 0.5 to 1 km <input type="checkbox"/> More than 1 km	<input type="checkbox"/> Freshwater	<input type="checkbox"/> Marine/ coastal water	<input type="checkbox"/> AA	<input type="checkbox"/> SA	<input type="checkbox"/> A	<input type="checkbox"/> SB	<input type="checkbox"/> B	<input type="checkbox"/> SC	<input type="checkbox"/> C	<input type="checkbox"/> SD	<input type="checkbox"/> D		type of treatment facility:   <input checked="" type="checkbox"/> For domestic wastewater, specify type of treatment facility:      <input checked="" type="checkbox"/> Set up silt traps to minimize downstream siltation <input type="checkbox"/> Thermal pollution control system, please specify:   <input checked="" type="checkbox"/> Provide oil containment system (ie. ring canal, grease traps) for fuel tanks/ motor pool/ maintenance areas <input checked="" type="checkbox"/> Others, specify	<table border="1"> <tr> <td><input checked="" type="checkbox"/> TSS concentration</td><td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly           </td></tr> <tr> <td><input checked="" type="checkbox"/> BOD</td><td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly           </td></tr> <tr> <td><input checked="" type="checkbox"/> Color</td><td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly           </td></tr> <tr> <td><input checked="" type="checkbox"/> Oil and Grease</td><td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly           </td></tr> <tr> <td><input type="checkbox"/> Trace Metals (Pb, Cd, Hg, Cr(VI), As)</td><td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly           </td></tr> </table> Regular monitoring of plant effluent: <table border="1"> <thead> <tr> <th>Parameter</th><th>Frequency</th></tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/> pH</td><td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly           </td></tr> <tr> <td><input checked="" type="checkbox"/> TSS concentration</td><td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly           </td></tr> <tr> <td><input checked="" type="checkbox"/> BOD</td><td> <input type="checkbox"/> Annual           </td></tr> </tbody> </table>	<input checked="" type="checkbox"/> TSS concentration	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> BOD	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Color	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Oil and Grease	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	<input type="checkbox"/> Trace Metals (Pb, Cd, Hg, Cr(VI), As)	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	Parameter	Frequency	<input checked="" type="checkbox"/> pH	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> TSS concentration	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> BOD	<input type="checkbox"/> Annual		
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	Use of the nearest well: <input type="checkbox"/> Drinking/Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Agricultural			<input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	
			<input checked="" type="checkbox"/> Color	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	
			<input checked="" type="checkbox"/> Oil and Grease	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	
			<input type="checkbox"/> Heavy Metals (Pb, Cd, Hg, Cr(VI), As)	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	
<input checked="" type="checkbox"/> Competition in water use <input checked="" type="checkbox"/> Depletion of water resources	Size of population using receiving surface water: <input type="checkbox"/> ≤ 1,000 persons <input type="checkbox"/> >1,000 and ≤ 5,000 persons <input type="checkbox"/> >5,000 person Current Water Use: <input type="checkbox"/> Fishery <input type="checkbox"/> Tourist Zone / Park <input type="checkbox"/> Recreational <input type="checkbox"/> Industrial <input type="checkbox"/> Agricultural Available/nearest water source. <input type="checkbox"/> Deep well <input type="checkbox"/> Water district/LGU <input type="checkbox"/> Surface water	<input type="checkbox"/> Implement rainwater harvesting, community ponds and/ or similar measures as an alternative source of water <input type="checkbox"/> Observe water conservation measures; <input type="checkbox"/> Careful selection of project site to avoid disruption of traditional water uses <input type="checkbox"/> Obtain Water Permit from NWRB <input type="checkbox"/> Improve efficiency of water supply and distribution system <input type="checkbox"/> Increase, when practical, storage capacities of water supply structures for resilience to greater climate variations and extremes <input type="checkbox"/> Others, specify	<input checked="" type="checkbox"/> Regularly monitor presence/absence of complaints <input checked="" type="checkbox"/> Regular coordination with concerned agencies <input checked="" type="checkbox"/> Regularly monitor occurrences of water shortages <input type="checkbox"/> Others, specify		

Possible Environmental/ Social Impacts	Baseline Environment	Preventive/ Mitigating Measures	Monitoring Parameters/ Implementation	Remarks
		<input checked="" type="checkbox"/> Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost		
	<input type="checkbox"/> Others, specify			
<input type="checkbox"/> Increased occurrence of flooding	Is the project site located in an area identified by MGB/PAG-ASA as flood prone? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Use appropriate design for project facilities <input type="checkbox"/> Implement appropriate drainage system <input type="checkbox"/> Regularly remove debris and other materials that may obstruct water flow <input type="checkbox"/> Use appropriate technology (e.g., raised hand-pumps) to protect drinking water from flood contamination <input type="checkbox"/> Others, specify	<input checked="" type="checkbox"/> Regularly monitor presence/absence of complaints <input checked="" type="checkbox"/> Regular coordination with concerned agencies <input checked="" type="checkbox"/> Regularly monitor increased frequency of flooding <input type="checkbox"/> Others, specify	
AIR / NOISE				
<input checked="" type="checkbox"/> Air quality degradation	Distance to nearest community: <input type="checkbox"/> 0 to less than 0.5 km <input type="checkbox"/> 0.5 to 1 km <input type="checkbox"/> More than 1 km	<input checked="" type="checkbox"/> Properly operate and maintain all emission sources (e.g. vehicles, pumps, generator, etc) <input checked="" type="checkbox"/> Install appropriate air pollution control device/s, please specify:	<input checked="" type="checkbox"/> Regularly monitor presence/absence of complaints  Regular (ocular) inspection of: <input checked="" type="checkbox"/> Absence of white or black	



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		<input checked="" type="checkbox"/> Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost																
		<input checked="" type="checkbox"/> Strictly enforce good housekeeping practices <input type="checkbox"/> Control vehicle speed to lessen suspension of road dust <input type="checkbox"/> Conduct water spraying to suppress dust sources and minimize discomfort to nearby residents <input checked="" type="checkbox"/> Use covered vehicles to deliver materials that may generate dust <input type="checkbox"/> Other, specify	smoke from vehicles, heavy equipment and generator <input checked="" type="checkbox"/> Absence of black smoke from stack/s <input checked="" type="checkbox"/> Presence of truck cover during deliveries  Regular monitoring of ambient air quality: <table border="1"> <thead> <tr> <th>Parameter</th><th>Frequency</th></tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/> PM10</td><td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly               </td></tr> <tr> <td><input checked="" type="checkbox"/> TSP</td><td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly               </td></tr> <tr> <td><input checked="" type="checkbox"/> NO<sub>2</sub></td><td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly               </td></tr> <tr> <td><input checked="" type="checkbox"/> SO<sub>2</sub></td><td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly               </td></tr> <tr> <td><input type="checkbox"/> Trace metals:</td><td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly               </td></tr> <tr> <td><input type="checkbox"/> Others , specify</td><td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual               </td></tr> </tbody> </table>	Parameter	Frequency	<input checked="" type="checkbox"/> PM10	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> TSP	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> NO <sub>2</sub>	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> SO <sub>2</sub>	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	<input type="checkbox"/> Trace metals:	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	<input type="checkbox"/> Others , specify	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual	
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		<input checked="" type="checkbox"/> Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost	<div> <input type="checkbox"/> Quarterly </div> <div>Regular monitoring of stack emissions:</div> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/> PM10</td> <td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly </td> </tr> <tr> <td><input checked="" type="checkbox"/> TSP</td> <td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly </td> </tr> <tr> <td><input checked="" type="checkbox"/> NO<sub>x</sub></td> <td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly </td> </tr> <tr> <td><input checked="" type="checkbox"/> SO<sub>x</sub></td> <td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly </td> </tr> <tr> <td><input type="checkbox"/> Trace metals:</td> <td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly </td> </tr> <tr> <td><input type="checkbox"/> Others specify</td> <td> <input type="checkbox"/> Annual  <input type="checkbox"/> Semi-annual  <input type="checkbox"/> Quarterly </td> </tr> </tbody> </table>		Parameter	Frequency	<input checked="" type="checkbox"/> PM10	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> TSP	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> NO <sub>x</sub>	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> SO <sub>x</sub>	<input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly	<input type="checkbox"/> Trace metals:
Parameter	Frequency														
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		<input checked="" type="checkbox"/> Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost		
<input checked="" type="checkbox"/> Nuisance due to noise generation	Distance to nearest community: <input type="checkbox"/> 0 to less than 0.5 km <input type="checkbox"/> 0.5 to 1 km <input type="checkbox"/> More than 1 km	<input checked="" type="checkbox"/> Properly operate and maintain all noise sources (e.g. vehicles, pumps, generator, etc) <input checked="" type="checkbox"/> Install when applicable, the appropriate noise control device/s (e.g., mufflers, silencer, sound barriers, etc.) <input type="checkbox"/> Implement appropriate operating hours <input checked="" type="checkbox"/> Provide adequate buffer and/or planting of trees <input type="checkbox"/> Others, specify	<input checked="" type="checkbox"/> Regularly monitor presence/absence of complaints <input checked="" type="checkbox"/> Regular monitoring of buffer zones <input checked="" type="checkbox"/> Quarterly monitoring of noise level <input checked="" type="checkbox"/> Others, specify	
<input type="checkbox"/> Nuisance due to generation of obnoxious/unpleasant odor	Distance to nearest community: <input type="checkbox"/> 0 to less than 0.5 km <input type="checkbox"/> 0.5 to 1 km <input type="checkbox"/> More than 1 km  Is the wind direction blowing towards the nearest community most of the year? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Use of environment-friendly deodorizer or odor masking substances <input type="checkbox"/> Provide adequate buffer and/or planting of trees <input type="checkbox"/> Others, specify	<input checked="" type="checkbox"/> Regularly monitor presence/absence of complaints <input type="checkbox"/> Others, specify:	
PEOPLE & CULTURE				

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		<input checked="" type="checkbox"/> Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost		
<input type="checkbox"/> Displacement of residents including indigenous people (if any in the project site and within its vicinity) <input type="checkbox"/> Enhanced employment and/or livelihood opportunities <input checked="" type="checkbox"/> Increased revenues for LGU <input type="checkbox"/> Disruption/Competition in delivery of public services (e.g., education, peace and order, etc.) <input type="checkbox"/> Enhanced delivery of public services (e.g., education, peace and order, etc.) <input type="checkbox"/> Increase in traffic volume and worsening of traffic flow	<p>Size of population of host barangay/s:</p> <input type="checkbox"/> ≤ 1,000 persons <input type="checkbox"/> >1,000 and ≤ 5,000persons <input type="checkbox"/> >5,000person <input type="checkbox"/> Indigenous People Size:  <p>Classification of host barangay:</p> <input type="checkbox"/> Urban <input type="checkbox"/> Rural  <p>Employment/Livelihood Opportunity Rate in the host Municipality:</p> <input type="checkbox"/> High <input type="checkbox"/> Low Description:   <p>Available services within/near the host barangay:</p>	<input type="checkbox"/> Provide relocation/disturbance compensation packages <input checked="" type="checkbox"/> Prioritize local residents for employment <input checked="" type="checkbox"/> Promptly pay local taxes and other financial obligations <input checked="" type="checkbox"/> Regular coordination with LGU <input type="checkbox"/> Conduct prior consultation and coordination to minimize disruption of daily domestic activities <input type="checkbox"/> Ensure participation of IPs in consultations and dialogues & consider IP rights and cultural practices in the provision of relocation/disturbance compensation packages <input type="checkbox"/> Provide appropriate traffic/warning signs, lighting, etc. <input type="checkbox"/> Others, specify		

Possible Environmental/ Social Impacts	Baseline Environment	Preventive/ Mitigating Measures	Monitoring Parameters/ Implementation	Remarks
		<input checked="" type="checkbox"/> Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost		
	<div><input type="checkbox"/> Schools (e.g. elementary, high school, college)</div> <div><input type="checkbox"/> Health facilities (e.g., clinics, hospitals, etc.)</div> <div><input type="checkbox"/> Peace and order (e.g., police outpost, Brgy. Tanod, etc.)</div> <div><input type="checkbox"/> Recreation and sports facilities</div> <div><input type="checkbox"/> Others, specify</div>			
<div><input type="checkbox"/> Destruction/disturbance of physical cultural resources. <i>(✓ if project site has been identified to have such by NM, NHCP, NCAA and LGUs)</i></div>	Physical Cultural resources within the vicinity of the project site:	<div><input type="checkbox"/> Implement appropriate protocols based on NM, NHCP, NCAA and LGU guidelines including those for chance finds (if any). Specify:</div>		
<div><input checked="" type="checkbox"/> Impacts on community health and safety</div> <div>Safety Risks</div> <div><input checked="" type="checkbox"/> Fire</div> <div><input type="checkbox"/> Explosions</div> <div><input type="checkbox"/> Release of toxic materials</div>	<div>Source of risks (please specify)</div> <div><input type="checkbox"/> Explosives :</div>	<div><input checked="" type="checkbox"/> Regular coordination with LGU</div> <div><input type="checkbox"/> Provide appropriate warning signs, lighting and barricades, whenever practicable</div> <div><input checked="" type="checkbox"/> Observe proper housekeeping</div> <div><input type="checkbox"/> Provide on-site medical services for any emergency.</div>	<div><input checked="" type="checkbox"/> Presence/absence of complaints</div> <div><input checked="" type="checkbox"/> Regular coordination with LGU</div> <div><input type="checkbox"/> Others, specify</div>	

Possible Environmental/ Social Impacts	Baseline Environment	Preventive/ Mitigating Measures	Monitoring Parameters/ Implementation	Remarks
		<input checked="" type="checkbox"/> Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost		
<input checked="" type="checkbox"/> Structural failure	<div><input type="checkbox"/> Flammable substances:</div> <div><input type="checkbox"/> Toxic substances:</div> <div><input type="checkbox"/> Others, specify</div>	<div><input type="checkbox"/> Participate in public awareness programs on health and safety</div> <div><input type="checkbox"/> Implement appropriate safety programs for both community and workers</div> <div><input checked="" type="checkbox"/> Strictly comply with fire, safety and similar regulatory requirements</div> <div><input type="checkbox"/> Strictly comply with requirements of RA 6969</div> <div><input type="checkbox"/> Others, specify</div>		