

I. ENVIRONMENTAL IMPACT 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 <input type="checkbox"/> Commercial/ Institutional <input type="checkbox"/> Industrial <input type="checkbox"/> Agricultural/ Recreational <input type="checkbox"/> Protected Areas <input type="checkbox"/> Others, specify </p> <p>Actual land uses w/in 1km radius:</p> <p> <input type="checkbox"/> Residential <input type="checkbox"/> Commercial/ Institutional <input type="checkbox"/> Industrial <input type="checkbox"/> Agricultural/ Recreational <input type="checkbox"/> Protected Areas <input type="checkbox"/> Others, specify </p> | <p> <input checked="" type="checkbox"/> See attached proof of compatibility with land use <input checked="" type="checkbox"/> Limit project activities to what is compatible to the land use <input type="checkbox"/> Others, specify </p> | <p>Actual land uses w/in 1km radius:</p> <p> <input type="checkbox"/> Residential <input type="checkbox"/> Commercial/ Institutional <input type="checkbox"/> Industrial <input type="checkbox"/> Agricultural/ Recreational <input type="checkbox"/> Protected Areas <input type="checkbox"/> Others, specify </p> | | |

Initial Environmental Examination (IEE) Checklist Report Form for Food, Food By-product & Beverages Manufacturing/Processing Plant Projects

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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"/> 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 the following 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"/> Comply 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"/> Promote restoration of damaged or | <input checked="" type="checkbox"/> Annual inspection of area replanted/ re-vegetated <input type="checkbox"/> Others, specify | |

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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"/> Others, specify | <input type="checkbox"/> 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 soil 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"/> Stabilize 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 | |

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| | | <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 recovery re-use and recycling of waste materials <input checked="" type="checkbox"/> Provide receptacles / bins for solid wastes <input checked="" type="checkbox"/> Implement proper segregation, collection and disposal of domestic wastes in designated areas <input type="checkbox"/> Composting of Organic Wastes <input type="checkbox"/> Coordinate with the municipal / city waste collectors <input type="checkbox"/> Implement landscaping and other beautification measures <input type="checkbox"/> Provide adequate buffer <input type="checkbox"/> Compensate adjacent property owners <input type="checkbox"/> Others, please specify | <input checked="" type="checkbox"/> Daily inspection of waste handling including segregation in waste/recycling bins <input checked="" type="checkbox"/> Weekly inspection of waste accumulation and disposal <input type="checkbox"/> Regular inspection of landscaping and other beautification activities <input type="checkbox"/> Regular monitoring of buffer zones <input checked="" type="checkbox"/> Regular monitoring for presence/absence of complaints from adjacent property owners <input type="checkbox"/> Others, specify | |
| <input type="checkbox"/> Soil/Land contamination due to materials (including fuel) leakage <input type="checkbox"/> Depletion of soil nutrient content/soil productivity/Change in acidity/alkalinity of soil | Existing soil type in the area: <input type="checkbox"/> sandy <input type="checkbox"/> clay <input type="checkbox"/> sandy-loam <input type="checkbox"/> concrete/cement <input type="checkbox"/> Others, specify | <input type="checkbox"/> Secondary containment (pls. specify): <input type="checkbox"/> Engage third party company for waste collection | <input type="checkbox"/> Regular inspection for leakage of materials that can cause land/soil contamination. <input type="checkbox"/> Testing of soil physical and chemical properties <input type="checkbox"/> Quarterly <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 | | |
| | Soil acidity/alkalinity <input type="checkbox"/> acidic <input type="checkbox"/> basic | <input type="checkbox"/> Others, specify | <input type="checkbox"/> Annual <input type="checkbox"/> Others, specify | |
| WATER | | | | |

| Possible Environmental/Social Impacts | Baseline Environment | Preventive/Mitigating Measures | Monitoring Parameters/ Implementation | Remarks | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------------------------|---|-----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|--|---|---|-----------|-----------|--|---|---|---|---|---|---|---|--|---|--|---|--|
| <input type="checkbox"/> Increased siltation due to project implementation <input checked="" type="checkbox"/> Water quality degradation <input type="checkbox"/> Others, specify _____ | Specify nearest/receiving water body: <div style="margin-left: 60px;">Distance to nearest/receiving water body:</div> <div style="margin-left: 90px;"> <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 </div> <div style="margin-left: 60px;">Classification of nearest/receiving water body:</div> <table border="1" style="width: 80%; margin-left: auto; margin-right: auto;"> <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> | <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 | | <input checked="" type="checkbox"/> Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost <div style="margin-bottom: 20px;"><input checked="" type="checkbox"/> Set up proper and adequate sanitary facilities</div> <div style="margin-bottom: 20px;"><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)</div> <div style="margin-bottom: 20px;"><input checked="" type="checkbox"/> Provision of wastewater treatment facility</div> <div style="margin-bottom: 20px;"><input checked="" type="checkbox"/> For process wastewater, specify type of treatment facility:</div> <div style="margin-bottom: 20px;"><input checked="" type="checkbox"/> For domestic wastewater, specify type of treatment facility:</div> <div style="margin-bottom: 20px;"><input checked="" type="checkbox"/> Set up silt traps/settling basins and other similar facilities to minimize downstream siltation</div> <div style="margin-bottom: 20px;"><input checked="" type="checkbox"/> Provide oil containment system (ie. ring canal, grease traps) for fuel tanks/ motorpool/ maintenance areas</div> <div><input checked="" type="checkbox"/> Others, specify _____</div> | Regular (ocular) inspection of: <div style="margin-top: 20px;"> <input checked="" type="checkbox"/> Drainage / canal systems <input checked="" type="checkbox"/> Water treatment facility (i.e., grease trap, septic tank, etc.) </div> Regular monitoring of ambient water quality: <table border="1" style="width: 100%;"> <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 <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"/> Total Coliform</td><td> <input type="checkbox"/> Annual <input 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<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"/> 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <input checked="" type="checkbox"/> Color | <input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Total Coliform | <input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|---|--|--|--|-----------|-----------|--|---|---|---|---|---|---|---|--|---|--|---|--|
| | | <input checked="" type="checkbox"/> Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost | | | | | | | | | | | | | | | | |
| | <p>Current Water Use:</p> <p><input type="checkbox"/> Fishery</p> <p><input type="checkbox"/> Tourist Zone / Park</p> <p><input type="checkbox"/> Recreational</p> <p><input type="checkbox"/> Industrial</p> <p><input type="checkbox"/> Agricultural</p> <p><input type="checkbox"/> Others, specify:</p> <p>Size of population using receiving surface water:</p> <p><input type="checkbox"/> ≤ 1,000 persons</p> <p><input type="checkbox"/> >1,000 and ≤ 5,000 persons</p> <p><input type="checkbox"/> >5,000 persons</p> <p>Distance of project area to the nearest well used:</p> <p><input type="checkbox"/> 0 to less than 0.5 km</p> <p><input type="checkbox"/> 0.5 to 1 km</p> <p><input type="checkbox"/> More than 1 km</p> <p>Use of the nearest well:</p> <p><input type="checkbox"/> Drinking/Domestic</p> <p><input type="checkbox"/> Industrial</p> <p><input type="checkbox"/> Agricultural</p> | | <p>Regular monitoring of plant effluent:</p> <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 <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"/> Total Coliform</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> </tbody> </table> | 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 <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"/> Total Coliform | <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 | |
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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"/> Competition in water use <input 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 persons Available/nearest water source. <input type="checkbox"/> Deepwell <input type="checkbox"/> Water district/LGU <input type="checkbox"/> Surface water <input type="checkbox"/> Others, specify | <input type="checkbox"/> Implement rainwater harvesting and similar measures as an alternative source of water <input type="checkbox"/> Observe water conservation measures <input type="checkbox"/> Carefully select 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 storage capacities of water supply structures for resilience to greater climate variations and extremes <input type="checkbox"/> Others, specify | <input checked="" type="checkbox"/> Regular monitoring for 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 | |
| <input type="checkbox"/> Increased occurrence of flooding | Is the project site located in an area identified by MGB/PAGASA as flood prone? <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Use appropriate design for project facilities including appropriate drainage mechanism considering the existing local 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 | <input checked="" type="checkbox"/> Regular monitoring for presence/absence of complaints <input checked="" type="checkbox"/> Regular coordination with concerned agencies <input checked="" type="checkbox"/> Regular monitoring for increased frequency of flooding <input type="checkbox"/> Others, specify | |

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| | | <input checked="" type="checkbox"/> Cost of preventive/mitigating as well as monitoring integrated in the construction /operation cost drinking water from flood contamination <input type="checkbox"/> Others, specify | | | | | | | | |
| | | | | | | | | | | |
| AIR / NOISE | | | | | | | | | | |
| <input 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 Is the wind direction blowing towards the nearest community most of the year? <input type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Properly operate and maintain all emission sources (e.g. vehicles, pumps, generator, etc) <input checked="" type="checkbox"/> Install the appropriate air pollution control device/s <input checked="" type="checkbox"/> Strictly enforce good housekeeping practices <input checked="" 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 | <input checked="" type="checkbox"/> Regular monitoring for presence/absence of complaints Regular (ocular) inspection of: <input type="checkbox"/> Absence of white or black smoke from vehicles, heavy equipment and generator <input type="checkbox"/> Absence of black smoke from stack/s <input 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 </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 | |
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| | | | <table border="1"> <tr> <td></td><td><input type="checkbox"/> Quarterly</td></tr> <tr> <td><input checked="" type="checkbox"/> NO₂</td><td> <input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly </td></tr> <tr> <td><input checked="" type="checkbox"/> SO₂</td><td> <input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly </td></tr> </table> <p>Regular monitoring of stack emissions:</p> <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_x</td><td> <input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly </td></tr> <tr> <td><input checked="" type="checkbox"/> SO_x</td><td> <input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly </td></tr> </tbody> </table> | | <input type="checkbox"/> Quarterly | <input checked="" type="checkbox"/> NO ₂ | <input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly | <input checked="" type="checkbox"/> SO ₂ | <input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly | 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 _x | <input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly | <input checked="" type="checkbox"/> SO _x | <input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly | |
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| 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 _x | <input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> SO _x | <input type="checkbox"/> Annual <input type="checkbox"/> Semi-annual <input type="checkbox"/> Quarterly | | | | | | | | | | | | | | | | | | | |
| <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 | <input type="checkbox"/> Regular clean-up and good housekeeping practices <input type="checkbox"/> Use of environment-friendly deodorizer or odor masking substances | <input checked="" type="checkbox"/> Regularly monitoring for presence/absence of complaints <input type="checkbox"/> Others, specify | | | | | | | | | | | | | | | | | |

Project Name: _____

Initial Environmental Examination (IEE) Checklist Report Form for Food, Food By-product & Beverages Manufacturing/Processing Plant Projects

| 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 | | |
| | Is the wind direction blowing towards the nearest community most of the year? <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Spraying natural / microbial disinfectants <input type="checkbox"/> Provide adequate buffer and/or planting of trees <input type="checkbox"/> Others, specify | | |
| <input 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 type="checkbox"/> Properly operate and maintain all noise sources (e.g. vehicles, pumps, generator, etc) <input 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 type="checkbox"/> Provide adequate buffer and/or planting of trees <input type="checkbox"/> Others, specify | <input type="checkbox"/> Regular monitoring for presence/absence of complaints <input type="checkbox"/> Regular monitoring of buffer zones <input type="checkbox"/> Quarterly monitoring of noise level <input type="checkbox"/> Others, specify | |
| PEOPLE & CULTURE | | | | |

Initial Environmental Examination (IEE) Checklist Report Form for Food, Food By-product & Beverages Manufacturing/Processing Plant Projects

| 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"/> Displacement of residents including indigenous people in the project site and within its vicinity <input type="checkbox"/> Enhanced employment and/or livelihood opportunities <input type="checkbox"/> Reduced 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 | Size of population of host barangay: <input type="checkbox"/> ≤ 1,000 persons <input type="checkbox"/> >1,000 and ≤ 5,000 persons <input type="checkbox"/> >5,000 persons <input type="checkbox"/> Indigenous People Size Classification of host barangay: <input type="checkbox"/> Urban <input type="checkbox"/> Rural Employment/Livelihood Opportunity Rate in the host Municipality: <input type="checkbox"/> High <input type="checkbox"/> Low Description: Available services within/near the host barangay: <input type="checkbox"/> Schools (e.g., elementary, high school, college) <input type="checkbox"/> Health facilities (e.g., clinics, hospitals, etc.) | <input type="checkbox"/> Provide relocation/disturbance compensation packages <input type="checkbox"/> Prioritize local residents for employment <input type="checkbox"/> Promptly pay local taxes and other financial obligations <input type="checkbox"/> Regularly coordinate 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 | <input checked="" type="checkbox"/> Regular monitoring for presence/absence of complaints <input checked="" type="checkbox"/> Regular coordination with LGU <input type="checkbox"/> Others, specify | |

Project Name: _____

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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"/> Peace and order (e.g., police outpost, Brgy. Tanod, etc.) <input type="checkbox"/> Recreation and sports facilities <input type="checkbox"/> Others, specify | | | |
| <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> | Physical Cultural resources within the vicinity of the project site: | <input type="checkbox"/> Implement appropriate protocols based on NM, NHCP, NCAA and LGU guidelines including those for chance finds (if any). Specify: | <input type="checkbox"/> Regular coordination with NM, NHCP, NCAA and LGU | |
| Safety Risks <input checked="" type="checkbox"/> Fire <input type="checkbox"/> Structural Failure | Source of risks <input type="checkbox"/> Flammable substances, please specify <input type="checkbox"/> Toxic substances, please specify | <input checked="" type="checkbox"/> Regularly coordinate with LGU <input type="checkbox"/> Provide appropriate warning signs, lighting and barricades, whenever practicable <input checked="" type="checkbox"/> Observe proper housekeeping <input type="checkbox"/> Provide on-site medical services for any emergency. <input type="checkbox"/> Participate in public awareness programs on health and safety <input type="checkbox"/> Implement appropriate safety programs for both community and workers | <input checked="" type="checkbox"/> Regular monitoring for presence/absence of complaints <input type="checkbox"/> Regular monitoring of buffer zones <input checked="" type="checkbox"/> Regular coordination with LGU <input checked="" type="checkbox"/> Regular submission of reports to concerned agency <input type="checkbox"/> Others, specify | |

Project Name: _____

Initial Environmental Examination (IEE) Checklist Report Form for Food, Food By-product & Beverages Manufacturing/Processing Plant Projects

| 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"/> Strictly comply with fire, safety and similar regulatory requirements <input type="checkbox"/> Strictly comply with requirements of RA 6969 <input type="checkbox"/> Others, specify | | |

Project Name: _____