

ANNEX J: Potential Environmental Impacts Associated with Land Conversion Projects

POTENTIAL ENVIRONMENTAL IMPACTS ASSOCIATED WITH LAND CONVERSION PROJECTS

A. Project Siting/Design

1. Ecologically-sensitive are:
 - a. Will the land conversion affect ecologically-sensitive areas like wetlands, forest, mineral reserve, etc. and threaten their survival/integrity?
2. Historical/Cultural Features:
 - a. Does the land conversion threaten the fabric or reduce the value of historical/cultural features?
 - b. Is tourism likely to be affected?
 - c. Does the project design accommodate the road to protect historical/cultural values?
3. Settlements/Resettlements:
 - a. Will the land conversion affect rural settlements, including life styles/basic needs?
 - b. Have the project costs included adequate provisions/compensation for those persons/communities that will be affected / to be resettled?
4. Land Value/Use Changes:
 - a. Is the project likely to depreciate land values/uses? Are these provisions to protect land values/uses or compensate for loss?
5. Landform/ Drainage Alteration
 - a. Will there be modification to the topographic features such as to affect passageways for communities or drainage (rivers/creeks) pattern?
 - b. Has adequate attention been given to minimize/avoid loss of natural resources, pollution of water resources, flooding, etc.?
6. Noise/Vibration/Pollution
 - a. Will there be noise/vibration, fumes, dust generated by the project?
 - b. Will buffer zones or other means be provided to minimize them?
7. Worker Health and Safety
 - a. Are there adequate provisions for workers health and safety during construction/operation phases?

B. Project Operation/Maintenance

1. Construction Impacts:

- a. Have provisions been made to minimize/avoid impediments to natural drainage (e.g. uncontrolled silt runoff), noise, dust?
2. Project Maintenance:
 - a. Are operations and maintenance provisions sufficient to protect the environment?
3. Land Management:
 - a. Land Management: Is there a management scheme to monitor potential soil erosion, vegetation clearance operations, etc.?