

**APPENDIX K. Environmental screening checklist.**

**Purpose**

The purpose of this checklist is to provide information to assist the borrower and Agribank identify impacts from the proposal and to help Agribank decide whether an EIA is required.

**Instructions for applicants**

This environmental checklist asks you to describe some basic information about your proposal. Agribank will use this checklist to determine whether the environmental impacts of your proposal are significant, requiring a full EIA.

Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases you should be able to answer the questions from your own observations or project plans without the need to hire experts.

If you do not know the answer to the question, write: “do not know”.

If the question does not apply to your proposal, write: “N/A”

The checklist applies to all parts of your proposal, even if this is to be done over a period of time or on different parcels of land.

Attach any additional information that will help describe your proposal or its environmental effects.

<b>A. BACKGROUND</b>	
1. Name of proposed project, if applicable	
2. Name of applicant	
3. Address and phone number of applicant	
4. Date checklist prepared	
5. Do you have plans for future additions, expansions, or further activity related or connected with this proposal?  If yes - explain.	
6. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.	
7. Do you know whether applications are pending for Governmental approvals of other proposals directly affecting the property covered by your proposal?	

If yes - explain.	
8. List any Government approvals or permits that will be needed for your proposal, if known.	
9. Give a brief description of your proposal	
10. Location of the proposal (e.g. farm name & number, street address, etc.)  Attach a site map, plan, etc. of the area.	
<b>B. ENVIRONMENTAL ISSUES</b>	
<b>1. Earth</b>	
1.1 Give a general description of the area (e.g. flat, mountain/hills, etc.)	
1.2 What types of soils are found in the area (e.g. sand, clay, loam, silt, gravel, rocky, etc.)?  Provide the agricultural classification if known.	
1.3 Are there surface indications or history of unstable soils (e.g. saline, sodic, duplex, etc.) in the area?	
1.4 Describe the purpose, type and approximate quantities of any filling or grading proposed.	
1.5 Could erosion occur as a result of clearing, construction, or land use (e.g. farming activity)?  If yes - describe.	
1.6 Approximately what percentage of the area will be developed?	
1.7 Describe the proposed measures to reduce/control erosion?	
1.8 Describe any monitoring systems envisaged to reduce/control erosion?	

<b>2. Air</b>	
1.1 What types of emissions to the air would result from the proposal (e.g. dust, industrial, smoke, etc.) during construction and after completion?  Describe & provide quantities.	
2.2 Are there any off-site sources of emissions/odour that may affect your proposal (e.g. factory, smelters, etc.)?  Describe.	
2.3 Describe the proposed measures to reduce or control emissions or other impacts of air.	
<b>3. Water</b>	
<b>3.1 Surface water</b>	
3.1.1 Is there any surface water body on/in the immediate vicinity of the site (e.g. dams, rivers, streams, wetlands, lakes, etc.)?  If yes – describe.	
3.1.2 Will the project require any work in/adjacent (within 100m) of the described water source?  If yes – describe & attach plans.	
3.1.3 Will the project requires surface water withdrawal/diversion?  If yes – provide quantities.	
3.1.4 Does the proposal lie within a 100-year floodplain?  If yes – note the location on the site plan.	
3.1.5 Does the proposal involves any discharges of waste materials to the surface water?  If yes – describe the type of waste and quantities.	
3.1.6 Describe the proposed measures to reduce/control surface water pollution – if any.	

<b>3.2 Ground water</b>	
3.2.1 Will ground water be withdrawn or will water be discharged to ground water?  If yes – describe & provide quantities.	
3.2.2 Describe the wastewater that will be discharged from septic tanks or any other sources (e.g. domestic sewerage, industrial, agricultural, etc.).  Describe the general size of the system (e.g. number of houses/humans/animals to be served, etc.)	
3.2.3 Describe the proposed measures to reduce/control ground water pollution – if any.	
<b>3.3 Water runoff</b>	
3.3.1 Describe the source of runoff (e.g. storm water) and method of collection and disposal.  Where will this water flow? Will this water flow into other waters? If yes – describe.	
3.3.2 Could waste materials enter ground/surface waters?  If yes – describe.	
<b>3.4 Measures to reduce/control surface, ground, and runoff waters.</b>	
3.4.1 Describe measures.	
<b>4a. Plants</b>	
4.1 Describe the vegetation in the immediate area (e.g. Highland savannah, dominated by <i>Acacia mellifera</i> trees/shrubs and <i>Aristida</i> grasses, etc.).	
4.2 What kind and amount of vegetation will be removed during development operations, if	

applicable?	
4.3 List threatened, endangered & endemic plant species known to be on/near the site.	
4.4 Describe the proposed landscaping to preserve/enhance vegetation on the site after development operations.	
4.5 Relevant to bush control or wood harvesting/utilization (e.g. charcoal, fire wood sales, timber, etc.) practices: <ul style="list-style-type: none"> <li>• What species are to be utilized?</li> <li>• Documentation – permits, etc.?</li> <li>• Where will harvesting take place?</li> <li>• What areas will be avoided whilst harvesting?</li> <li>• Volumes to be harvested?</li> <li>• Size of area to be harvested?</li> <li>• FSC certification and/or principles applied?</li> <li>• Harvesting plan?</li> <li>• What mitigation measures will be in place during harvesting?</li> <li>• Post harvesting strategies?</li> <li>• What harvesting technique employed – e.g. chemical, mechanical, etc.?</li> </ul>	
4.6 Describe the proposed measures to reduce/control vegetation destruction & introduction of alien invasive plant species – if any.	
4.7 Describe the proposed vegetation monitoring procedures to be implemented – if any.	
4.8 Describe any staff training envisaged (e.g. plant identification, etc.).	
<b>4b. Veld management</b>	
4.1 What is the generally accepted (i.e. Dep. of Agriculture) stocking rate in the area?	

4.2 What is the size of the area (i.e. farm size in ha)?  How many camps? Average camp size?	
4.3 Give a breakdown of all the domestic stock currently on, or to be introduced to the farm?	
4.4 Give a breakdown of all the game currently on (approximate numbers – includes indigenous & exotic game species), or to be introduced to the farm?	
4.5 Describe the veld management strategy intended following (e.g. rotational grazing, continuous grazing, etc.).	
4.6 Describe the proposed measures to reduce/control stock (or game – e.g. game ranches) numbers – if any.	
4.7 Describe the proposed stock monitoring procedures to be implemented – if any.	
4.8 Describe any staff training envisaged (e.g. veld management, etc.).	
<b>5. Animals</b>	
5.1 Give a short description of the wild fauna in the immediate area.  Attach a list of species seen/known to occur in the area.	
5.2 List any threatened, endangered & endemic animal species (e.g. mammals, birds, reptiles, etc.) known to be on/near the site.	
5.3 Does the area fall within a recognised migration route for birds (inland & coastal areas), if applicable?	

5.4 Describe the measures envisaged to preserve (e.g. eliminate poaching & destructive use, etc.) or enhance indigenous wildlife in the area.	
5.5 Describe the proposed measures to reduce/control wildlife destruction & introduction of alien invasive animal species – if any.	
5.6 Describe the proposed wildlife monitoring procedures to be implemented – if any.	
5.7 Describe any staff training envisaged (e.g. general ecology & animal identification, etc.).	
<b>6. Environmental health</b>	
6.1 Are there any environmental health hazards (e.g. exposure to toxic chemicals, hazardous waste & spills, fire or explosion risk, etc.) that could occur as a result of this proposal?  If yes – describe. a). Describe emergency services. b). Proposed measures to reduce/control hazards.	
6.2 What types of noise exist in the area that may affect your project (e.g. traffic, equipment, operation, etc.)?	
6.3 What types of noise would be created/associated with the project – short & long term?	
6.4 Describe the proposed measures to control/reduce environmental health (e.g. waste, spill, fire, noise, etc.) impacts.	
6.5 Describe proposed waste disposal measures on a farm (e.g. household waste, mechanical waste, chemical waste – herbicides &	

insecticides, etc.)?	
6.6 Describe any staff training envisaged (e.g. first aid, AIDS awareness, etc.).	
<b>7. Land &amp; shoreline use</b>	
7.1 What is the current use of the site and adjacent properties?	
7.2 What is the current zoning classification of the site?	
7.3 Describe any structure(s) on the site.	
7.4 Will the structures be demolished?	
7.1 Has any part of the site been classified as an “environmentally sensitive” area?  If yes – specify.	
7.7 Approximately how many people would reside or work in the area?	
7.8 Approximately how many people would be replaced from the area?	
7.9 If applicable, What is the current shoreline master programme designation of the site?	
<b>8. Housing</b>	

8.1 Approximately how many units would be provided – if any? Indicate – high/medium/low income housing. Indicate – labourer accommodation (part time & full time employers - farms) & amenities (e.g. water, electricity, etc.).	
8.2 Approximately how many units would be eliminated?  Indicate – high/medium/low income housing.	
8.3 Describe the proposed measures to reduce/control housing impacts – if any.	
<b>9. Aesthetics</b>	
9.1 What is the tallest height of any proposed structure(s) proposed?	
9.2 What views in the immediate vicinity would be altered/obstructed?	
9.3 Describe the proposed measures to reduce/control aesthetic impacts – if any.	
<b>10. Recreation</b>	
10.1 What designated and informal recreational opportunities are in the immediate vicinity?	
10.2 Would the proposed project displace any existing recreational uses?  If yes – describe.	
10.3 Describe the proposed measures to reduce/control impacts on recreation (including recreational opportunities) – if any.	
<b>11. Historic &amp; cultural preservation</b>	
11.1 Are there any places/objects listed/proposed for national/regional/local preservation on/near site?  If yes- describe.	
11.2 Generally describe any landmarks or	

evidence of historic, archaeological, scientific or cultural importance known from the site.	
11.3 Describe the proposed measures to reduce/control – if any.	
<b>12. Transportation</b>	
12.1 Identify roads serving the site and describe proposed access to the existing road system if applicable.	
12.2 Is the site currently served with public access?  If not – what is the approximate distance to the nearest road?	
12.3 Will the proposal require any new roads/streets or improvements to existing roads/streets?  If yes – describe.	
12.4 Will the project use water/rail/air transportation?  If yes – describe?	
12.5 Describe the traffic volumes anticipated by this project.	
12.6 Describe the proposed measures to reduce/control transport issues – if any.	
<b>13. Public services</b>	
13.1 Would the project result in an increased need for public services (e.g. schools, health, police, etc.)?  If yes – describe.	
13.2 Describe the proposed measures to reduce/control public services issues – if any.	
<b>14. Utilities</b>	
14.1 Describe the existing utilities available at the site (e.g. electricity, water, refuse, etc.).	

14.2 Describe the utilities that are proposed for the project.	
<b>C. Signature</b>	
The above answers are true and complete to the best of my knowledge.	
I understand that Agribank is relying on them to make its decision.	
Signature:	
Date submitted:	