APPENDIX C

ACTIVITIES WITH THE POTENTIAL FOR A SUBSTANTIAL DETRIMENTAL EFFECT ON THE ENVIRONMENT

(AS IDENTIFIED UNDER SECTION 21 OF THE ENVIRONMENT CONSERVATION ACT, 1989 (ACT NO 73 OF 1989))
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The following activities which are listed in Schedule 1 have been identified by the Minister of Environmental Affairs and Tourism as being those which in general may have substantial detrimental effect on the environment. These were published in the Government Gazette No 18261 of 5 September 1997. The implications regarding noise related to the fact that many of these activities have a noise component which will require evaluation if an EIA is undertaken.

SCHEDULE 1

1. The construction or upgrading of:

   (a) facilities for commercial electricity generation and supply;

   (b) nuclear reactors and installations for the production, enrichment, reprocessing and disposal of nuclear fuels and wastes;

   (c) transportation routes and structures, and manufacturing, storage, handling or processing facilities for any substance which is dangerous or hazardous and is controlled by national legislation;

   (d) roads, railways, airfield and associates structures outside the borders of town planning schemes;

   (e) marinas, harbours and all structures below the high-water mark of the sea;

   (f) cableways and associates structures;

   (g) structures associated with communication networks, other than telecommunication lines and cables, as well as access roads leading to these structures;

   (h) racing tracks for motor-powered vehicles and horse racing, excluding indoor tracks;

   (i) canals and channels, including diversion of the normal flow of water in a river bed and water transfer schemes between water catchments and impoundments;

   (j) dams, levees or weirs affecting the flow of a river;

   (k) reservoirs for public water supply;

   (l) schemes for the abstraction or utilisation of ground or surface water for bulk supply purposes;
(m) public and private resorts and associates infrastructure;

(n) sewage treatment plants and associates infrastructure; and

(o) buildings and structures for industrial and military manufacturing and storage of explosives or ammunition or for testing disposal of such explosives for ammunition.

2. The change of land-use from:

(a) residential use to industrial or commercial use; (deleted 27 March 1998);

(b) light industrial use to heavy industrial use; (deleted 27 March 1998);

(c) agricultural or undetermined use to any other land-use;

(d) use for grazing to any other form of agricultural use; and

(e) use for nature conservation or zoned open space to any other land-use.

3. The concentration of livestock in a confined structure for the purpose of mass commercial production.

4. The intensive husbandry of, or importation of, any plant or animal that has been declared a weed or an invasive alien species.

5. The release of any organism outside its natural area of distribution that is to be used for biological pest control.

6. The genetic modification of any organism with the purpose of fundamentally changing the inherent characteristics of that organism.

7. The reclamation of land below the high-water mark of the sea and inland water including wetlands.
