

	INTEGRATED MANAGEMENT SYSTEM Procedure Developed in line with ISO Standard Requirements				
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Method Statement	
Job Description	Control of Alien and Invasive Species
PPE	• Hard Hat, • Googles, Overall, • Safety Shoes, • Dust Mask, • Orange Rotating Light, • Gloves • Ear Protection

Work to be conducted:

Manage alien and invasive plant species during the construction, operation and rehabilitation phases of the project.

Location of works to be conducted:

ARBOUR NATURE ESTATES, GEORGE

ENVIRONMENTAL STANDARDS (list the applicable Environmental Standards to be met):

- National Environmental Management Act 107 of 1998 (NEMA)
- National Forest Act 84 of 1999
- Fertilizers, Farm Feeds, Seeds and Remedies Act 36 of 1947
- Biodiversity Act 10 of 2004
- ISO 14001:2015
- Environmental Authorization (Doc. No. 14/12/16/3/3/1/1549/MP1) & (Doc. No. 14/12/16/3/3/1/1545/MP1)
- Environmental Management Programme (Doc. No. KAI663.47 – HV Works) & (EMPr Overhead Line)
- The Fertilizers, Farm Feeds, Seeds and Remedies Act 36 of 1947

DESCRIPTION OF HOW POTENTIAL ENVIRONMENTAL IMPACTS WILL BE PREVENTED OR MANAGED (provide as much detail as possible, including annotated sketches and plans where possible):

Potential consequences associated with the presence of alien invasive plant species include:

- Loss of biodiversity.
- Increased fire risks.
- Increased erosion.
- Loss of wetland functions.
- Impacts on drainage lines.
- Increased water use.

The above mentioned potential environmental impacts will be prevented or managed as follows:

- The alien plant management plan shall be inclusive and cover the entire site of the proposed development.
- Ensure alien plants do not become dominant in parts or the whole landscape.
- Surveys for alien species shall be conducted regularly (during and every three months for the first year after construction).
- Alien and invasive plant species shall be cleared on site and re-vegetated by planting indigenous vegetation also refer to **ENV MP 17 Vegetation Plan**.
- Promote the planting of indigenous species.
- All rehabilitation areas and areas of natural vegetation shall be kept free of alien plant seedlings and coppice.
- No alien species shall be cultivated onsite. If vegetation is required for aesthetic purposes, then noninvasive, waterwise locally occurring species shall be used.
- Alien vegetation regrowth shall be controlled throughout the entire site during the project lifespan.
- All mobile machinery to be properly cleaned before moved to other sites to control the spread of weed seeds and pathogens that hitch a ride on machinery.
- Stay on designated roads to minimise the spread of fungal diseases to untracked areas especially on wet grounds.
- Do not move or remove fire wood from the area to other areas as this can spread invasive forest pests to different areas.