Proposed Infrastructure at the Proposed Acetylene Gas Production Facility

**Legend**
- Project Boundary
- Proposed Infrastructure
- Arterial Route
- Secondary Road
- Other Roads
- Track and Hiking Trail
- Railway line
- Perennial River
- Non-Perennial River

**Client:**

ERM
Building 32, The Woodlands, Woodmead Drive, Woodmead, 2196, Johannesburg, South Africa
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Fax: +27 11 804 2289

**Scale:** 1:1500

**Size:** A3

**Date:** June 2014

**Checked:** VM
**Approved:** SP

**Drawing:** Project_Infrastructure Map.mxd

**Projection:** Transverse Mercator, CM 29, Datum: WGS 84

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Legend

- Project Boundary
- Arterial Route
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- Railway line
- Perennial River
- Non-Perennial River
- Wetlands
- Water Bodies
- Residential Areas
- Portions and Holdings

Vegetation Types
- Gh 15 - Carletonville Dolomite Grassland
- Gm 8 - Soweto Highveld Grassland
- Gm 9 - Tsakane Clay Grassland

Study Area

Regional Vegetation around the Proposed Acetylene Gas Production Facility

ERM Building 32, The Woodlands, Woodlands Drive, Woodmead, 2148
Johannesburg, South Africa
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Fax: +27 11 804 2289
Legend

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Vegetation

- Alien Bush clumps
- Alien species hedging
- Asparagus larcus clump
- Dumping & Rubble areas
- Elephantoriza-Heteropo
- Eucalyptus clump
- Gravel roads
- Melia & Searsia seedling
- Melia azedarach
- Mowed Grassland
- Searsia lancea
- Searsia pyroides
- Sorghum Eragrostis gra
- Sorted tree seedlings
- Tagetes minuta Patch
- Vitis spp (Grape Vine)
- Ziziphus Vernonia grass

Title: Vegetation Communities within Proposed Acetylene Gas Production Facility

Study Area

- Study Area
- NAM IBIA
- BOTSWANA
- NORTHERN CAPE
- LIMPOPO
- EASTERN CAPE
- FREE STATE
- WESTERN CAPE
- NORTH WEST
- MOZAMBIQUE
- KWAZULU-NATAL
- MPU MALANGA
- LESOTHO
- GAUTENG
- SWAZILAND
- ZIMBABWE

Scale: 1:1500

Drawing: Vegetation_Sampling_Points.mxd

Projection: Transverse Mercator, CM 29, Datum: WGS 84
Source: ESRi World Imagery layer - Digitalglobe

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Ecological sensitivity of the Site

Legend
- Project Boundary
- Arterial Route
- Secondary Road
- Other Roads
- Railway line
- Portions and Holdings

Sensitivity
- Low none
- Low
- Medium low
- Medium

Study Area

Scale:

C:\Gis Projects\0220780_AIR_PRODUCTS_SA\MXD\Sensitivity_Proposed_Site.mxd

Projection: Transverse Mercator, CM 29, Datum: WGS 84
Source: NGI - Vector, Source: ESRi World Imagery layer - Digitalglobe

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Current and Planned Developments in the Study Area

- **Proposed Tyre Pyrolysis Plant**
- **Existing Waste tyre Stockpiles**
- **Proposed Glen Douglas Burning Plant**
- **Existing Glen Douglas Plant**
- **Existing Glen Douglas Mine Lease Area**
- **Oilskip – Proposed Used Oil Treatment Facility**

**Legend**

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- Site Boundary
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- Water Bodies
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**Project Location**

- Witkopdorp – Daleside
- Highbury
- Randvaal Road
- Klip Rivier
- Lawa road

**Study Area**

- **Scale**: 1:35 000
- **Projection**: Transverse Mercator, CM 27, Datum: WGS 84

**ERM**

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**Air Products**

Scale: 1 : 35 000


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