



ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED ERADICATION OF
CONSERVANCY TANKS WITHIN THE EDENDALE AREA (DC22/042/2016):
MSUNDUZI MUNICIPALITY
NOVEMBER 2016



1. INTRODUCTION

The proposed project has been initiated by the Msunduzi Municipality to eliminate the use of conservancy tanks within the Edendale area.

2. LEGAL REQUIREMENTS

In accordance with the 2014 Environmental Impact Assessment (EIA) Regulations, published in terms of sections 24(2) and 24D of the National Environmental Management Act (Act No. 107 of 1998), the developer is required to carry out a Basic Assessment Process for the following activities:

Listing Notice 1

Activity 19: The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from-

(i) a watercourse;

Background:

The laying of pipes within a watercourse.

Listing Notice 3

Activity 12: Clearance of an area of 300 square metres of more of indigenous vegetation within a Critical biodiversity area.

Background:

The proposed development will entail the removal vegetation within a CBA.

Activity 14: The proposed development will entail the construction of bridges exceeding 10 square metres in size and bulk storm water outlet structures exceeding 10 square metres in size within a watercourse that is located in a Critical biodiversity area.

Background:

The proposed development may entail the laying of pipes within a CBA.

3. ENVIRONMENTAL ASSESSMENT PRACTITIONER

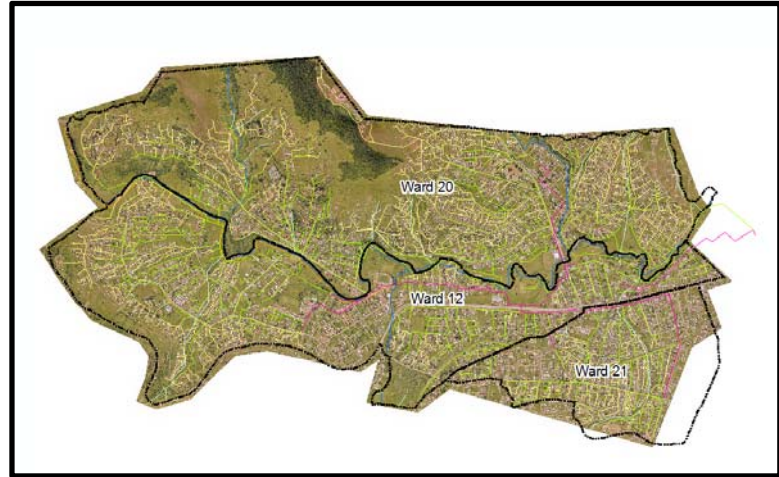
K2M Environmental has been appointed by the applicant as the independent Environmental Assessment Practitioner (EAP) responsible for undertaking the Environmental Impact Assessment.

4. SITE DESCRIPTION

4.1 Location and Direction to the site

The project area is located within the total extent of Wards 12, 20 and 21 of the Msunduzi Local Municipality. Access to the project area is obtained via Sinathiingi Road. Travel from Pietermaritzburg CBD, for approximately 5.3km on Moses Mabhida Road which then becomes Sutherland Road. Continue onto Selby Msimang Road/Sinathiingi Road for approximately 2km which will lead to the project area.

Figure 1: Proposed Project Area



4.2 Project Co-ordinates

Latitudinal Extent: 29° 38' 49.58" S

Longitudinal Extent: 30° 17' 38.89" E

5. CURRENT AND SURROUNDING LAND USE

The land of the proposed project area is not zoned however an informal settlement has been established on the land. The current land use includes low dense households. The surrounding land use constitutes of low dense households.

6. DESCRIPTION OF PROPOSED ACTIVITY

The project entails the decommissioning of the existing conservancy tanks within the Edendale area and the construction of new sewerage pipelines which will link up to the municipal sewer. The Msunduzi Local Municipality aims to eliminate the use of conservancy tanks, thereby saving in maintenance costs and alleviating the health risks associated with overflowing conservancy tanks.

7. POTENTIAL ENVIRONMENTAL ISSUES

Geophysical and biophysical (including biodiversity) issues include:

- The proposed development will have limited environmental impacts, and any environmental impacts which do occur as a result of the proposed development will be limited to the construction phase of the proposed development. These may include site clearance (where necessary), and the excavation and digging of foundations, bulk earthworks and structural works, which pose risks with regards to soil erosion and storm water management.
- Environmental impacts associated with the proposed development are expected to be limited as a result of development activities being restricted to occurring within the project area.

