



Vaal River City, the Cradle of Human Rights

REPLACEMENT PAGES

(ITEM A3816)

AGENDA OF A SPECIAL COUNCIL MEETING OF THE
EMFULENI LOCAL MUNICIPALITY HELD IN THE MAYOR'S
PARLOUR, MUNICIPAL BUILDING, VANDERBIJLPARK ON
FRIDAY, 14 DECEMBER 2018 AT 11:00

THE ATTACHED PAGES REPLACE PAGES 26 - 29 OF ITEM
A3816 (*SANDF INTERVENTION IN EMFULENI LOCAL MUNICIPALITY*) OF
THE ABOVE-MENTIONED AGENDA WHICH IS ALREADY IN
YOUR POSSESSION.

**SANDF INTERVENTION
IN EMFULENI LOCAL MUNICIPALITY**

**ITEM A3816 (REPLACEMENT)
SANDF INTERVENTION IN EMFULENI LOCAL MUNICIPALITY
(SPEC MC 11-12-2018)**

PURPOSE OF THE REPORT

The purpose of this report is to inform Council on the intervention from SANDF in Emfuleni Local Municipality on the Vaal River system intervention project.

BACKGROUND

The sanitation system consists of gravity pipelines and, due to the flat terrain; it also consists of 46 sewage pump stations with associated rising mains. The sanitation network consists of the following elements:

- 2600 km of gravity sewer pipe lines
- 33 328 sewerage manholes
- 44 sewerage pump stations
- 34 km sewer pump pipe lines
- 94 sewer pumps

Emfuleni Municipality sanitation department currently operates under the following constraints:

- Aging sewer network and associated infrastructure;
- Under designed and insufficient sewer network and sewage treatment works for growing urban areas, infrastructure is not adjusted to urban expansion taking place; and
- The sewer network is dysfunctional and the expansion of the waste water treatment works without a functional sewer network deliver the same environmental consequence currently experienced within Emfuleni.

The Minister of Finance announced during the mid-term budget speech on the 24th October 2018 that SANDF will be assigned to Emfuleni Local Municipality to assist with addressing the sewer pollution into the Vaal River. The intervention will be focusing on Waste Water Treatment Works and sewer pumpstations. Refer to letter in **Annexure (page 30)**.

On 31st October 2018, a technical meeting was held between SANDF and Metsi-a-Lekoa to discuss the challenges and for the SANDF to get an overview of the status of sanitation infrastructure of the municipality.

The South African Army Engineers of the SANDF are part of the intervention in resolving the sewer challenges in Emfuleni Local Municipality.

The primary objectives of the intervention are as follows:

- To provide technical, and institutional support to local authorities to minimise infrastructure backlogs through the provision of at least basic levels of infrastructure services by means of joint venture between SA Army and Municipality
- To support infrastructure upgrades and other social programmes in Emfuleni Municipality.
- To promote local economic development and community empowerment and To promote skills development in the sewer treatment field
- Deploy troops to guard 46 various pump stations and 3 WWTP

The secondary objectives of the project are:

- To contribute towards building institutional capacity at the provincial and local government spheres in order to manage and sustain infrastructure projects.

- To contribute towards the creation of a conducive environment for poverty alleviation, training and creation of employment opportunities, especially amongst the youth, women and the disabled.
- To promote the different categories of municipal service partnerships in managing infrastructure development projects.
- To empower local SMME's and utilise emerging contractors in the infrastructure delivery sector –training and skills development

SANDF Program Approach:

- SANDF will be in Emfuleni for a period of 12 Months.
- A visual and technical assessment of the infrastructure.
- Identifying a location for the base camp.
- Securing pumpstations and Waste Water Treatment Works that are prone to theft and vandalism.
- Providing engineering skills to assist with the refurbishment of infrastructure (pumpstations and Waste Water Treatment Works).

The meeting of the 31st October was subsequently followed by a visit by the Chief of the South African Army: Lieutenant General L. Yam on 01st November 2018, where the SANDF team was introduced followed by a site visit to the pumpstations (4, 16 and 5) and Sebokeng Waste Water treatment works.

Site Visit by the Minister of Defence

Minister of Defence Visited Emfuleni on the 23rd November 2018. The sites visited were:

- Emfuleni Local Municipality (Head Office) – Briefing Meeting
- Boitumelo Pumpstation
- Leeuwkuil Waste Water Treatment Works
- Sebokeng Waste Water Treatment Works, including a press briefing.
- Base Camp Site (Vanderbijlpark Reservoirs)
- Bophelong Stadium – Community Meeting

DISCUSSION

Site for Base Camp

--- The site identified for the base camp is Vanderbijlpark Reservoirs which will also be declared as a military zone. Refer to letter in **Annexure (page 31)**, requesting permission to set up a temporal military base at the reservoirs.

Declaration of Military Zones

Areas to be declared military zones:

- Vanderbijlpark Reservoir
- Sites where the military will operate temporarily will also be declared a military zone. Where there is possible illegal entry; the Military will be mandated to arrest in liaison with the local SAPS.

Proposed Plan

Emfuleni Local Municipality has provided information relating to the sanitation challenges. The technical meetings were followed by site visits to the Waste Water Treatment Works and the pumpstations.

SANDF, ERWAT and Emfuleni Local Municipality have looked at the critical areas of concern, which lead to a development of the Plan of Action.

The Plan is divided into:

Short Term - (1-3 Months): To contain the sewer spillages

Medium Term (4-12 months): To ensure the infrastructure is maintained and Resource capacitation

Long term (> 12 months): Sustainability of the program

The plan has been divided into the three catchments:

Leeuwkuil Catchment

Pumpstations (36)

Rising mains and outfall sewers

Leeuwkuil Waste water Treatment Works

Rietspruit Catchment

Rietspruit Waste water Treatment Works

Rising mains and outfall sewers

Pumpstations (2)

Sebokeng Catchment

Pumpstations (4)

Sebokeng Waste Water Treatment Works

Outfall sewers

The following critical points have been identified on the three phases:

Short Term:

- Operations and Maintenance
- Security
- Sludge Management
- Repairs and Replacements

The Medium Term

- Training and capacitation
- Maintenance of Infrastructure

The Long Term

- Ensure sustainability of the program

The intervention is also linked to the current programmes (Water and Sanitation Infrastructure Grant) to ensure that there is one plan and to avoid duplication of scope. A technical Steering committee meets on a weekly basis to track progress and address the challenges encountered.

The committee comprises of:

- Emfuleni local Municipality
- SANDF
- ERWAT
- MISA
- DWS
- COGTA
- Rand Water.

Intervention programme:

- Project Start -18 November 2018

- Project completion -19 December 2019

Minister of Defence Social Programmes

The Minister has announced social programmes that will form part of the SANDF intervention which are:

- Exhibition on the defence force to the communities of Emfuleni to expose the various fields and opportunities available within the defence force including bursaries.
- Incorporation of young people to be part of the programme through in-service training.

PROGRESS

Security: Several areas are already secured by the SANDF:

- Vanderbijlpark Reservoir (Base Camp)
- Boitumelo Pumpstation
- Pumpstation 4 (Sharpeville)
- Pumpstation 5
- Exposing the discharge pipe for repairs at Sharpeville pumpstation
- Sebokeng Waste Water Care Works

Sludge Cleaning

- Work has commenced in cleaning the primary sedimentation tanks at Sebokeng Waste Water Treatment Works.

LEGAL IMPLICATIONS

The discussion around developing the MOU is still in process, a meeting between Provincial Department and Department of Defence (DoD) has been scheduled for 11 November 2018 to discuss the way forward on the MOU. The discussion is to clarify the decision taken at National Treasury meeting held with the stakeholders (DWS, Provincial Treasury, National Treasury, SANDF, Emfuleni) on 28 November 2018 that the MOU will be between Provincial Government and DoD since Emfuleni is under 139.

FINANCIAL IMPLICATIONS

Department of Defence is in the process of securing the funds through engagements with National Treasury.

It must be noted that, while the administrative processes for securing funds are ongoing, the SANDF has already commenced with the work in critical areas as indicated under progress.

There will be no funds from Emfuleni to support the intervention, however all the resources will be made available to assist the army in the intervention.

Security costs are reduced in areas where Emfuleni Infrastructure (pumpstations and waste Water Treatment Works) is secured by SANDF.

RECOMMENDED THAT

1. the report be noted;
2. Council be informed of the SANDF intervention; and
3. a Memorandum of Understanding be entered into between Emfuleni Local Municipality and South African National Defence Force (SANDF).