



DATE: 27 JANUARY 2017

REPORT TO: TRANSPORT PORTFOLIO COMMITTEE

LL24334

1. ITEM NUMBER **15SUB10/06/20 SM**

2. SUBJECT

WINTER READINESS PROGRAMME 2020

ONDERWERP

WINTERGEREEDHEIDSPROGRAM 2020

ISIHLOKO

INKQUBO ENGOKULUNGELA UBUSIKA KA-2020

3. DELEGATED AUTHORITY

In terms of delegation

This report is FOR NOTING BY

- ☒ **Committee name** : TRANSPORT PORTFOLIO COMMITTEE
☐ The Executive Mayor together with the Mayoral Committee (MAYCO)
☐ Council

4. DISCUSSION

The Department's Stormwater Maintenance Programme which guides the management and maintenance of stormwater infrastructure is necessary to ensure the continued functionality and repair of these infrastructure. To address the flood risk, the Department has in place the Proactive and Reactive Stormwater Maintenance Programme and this forms an integral component of the City's Flood Risk Management Strategy.

Cape Town's Stormwater Management System comprises an extensive network of approximately 7 500 km of pipes and culverts (underground conduits); 180 000 catchpits; 85 000 manholes; 850 stormwater ponds and 1 200 km of rivers, canals and open channels.

JMA

Efficient and effective maintenance of this stormwater systems is crucial to limit the impact of potential flooding on communities in preparation for the coming winter rainfall period, and form an integral part of the City's Winter Readiness Programme.

The Department's Winter Readiness Programme which started in July 2019 and ends June 2020, (2019/20 financial year) entails maintenance and cleaning of stormwater systems to ensure the stormwater network performs as intended during rainfall events. It is well known that large volumes of silt, vegetative matter and solid waste are washed into stormwater systems during rainfall events contributing to blockages and reduction in the conveyance capacity of the infrastructure.

The frequency of cleaning is based on the annual budget allocation per district and infrastructure type, e.g. pond and catchpit cleaning is undertaken at least every quarter, while pipe cleaning is undertaken on a monthly basis. An increase in the frequency of cleaning, in response to specific circumstances, impacts the allocated budget. In recent years there has been a significant increase in the need to clean and clear watercourses, rivers, open channels and stormwater ponds due to the increase in illegally dumping of refuse and litter. Higher cleaning frequencies (up to fortnightly) are therefore required in certain suburbs and for certain critical Infrastructure.

Maintenance Activities focus primarily on ensuring a reasonable level of cleanliness, functionality and repairs of the stormwater infrastructure in order to reduce flooding, as well as ensuring adequate response to both minor and major potential flood incidents includes. The Stormwater Maintenance Strategy are undertaken via 2 Maintenance Types

- **Proactive Maintenance** undertaken through the Annual Outsourced Contracted Services and contract managed by the Eight Transport District Operational Staff, below the status of current Term Tenders that are in place
 - Mechanical cleaning Tender – cleaning all underground pipes
 - Labour Intensive Cleaning Tender – cleaning all Catchpits, Ponds, open streams
 - CCTV – Underground Inspections
 - Minor Stormwater Works – repair to existing infrastructure
- **Reactive Maintenance** by the Depot Staff and is linked to C3/N Notification System, as well as ensuring an adequate response to both minor and major potential flood incidents. The Department is taking proactive steps - using the C3 flooding incidents to address all types of localised flooding problems residents experienced in previous years.

Given the high risk of infrastructure blockage, increase inspections and cleaning frequencies have been planned.

Additional teams from the Contractors are sourced and reassigned to the High Litter Dumping Sites and High Flood Risk Areas, in order to increase the cleaning frequencies as well as assisting with debris removal and cleaning of critical trash racks/inlets. Further discussion is underway with Solid Waste, to assist with the monitoring and enforcement of Illegal Dumping within the stormwater open systems.

Annexures A and A1 – A8 (available on CD), provides the various detailed stormwater cleaning and maintenance programmes for the metropole.

4.1. Financial Implications ☒ None ☐ Opex ☐ Capex

☐ Capex: New Projects

☐ Capex: Existing projects requiring additional funding

☐ Capex: Existing projects with no additional funding requirements

4.2. Policy and Strategy ☐ Yes ☒ No

4.3. Legislative Vetting ☐ Yes ☒ No

Legal Compliance ☐

4.4. Staff Implications ☐ Yes ☒ No

4.5. Risk Implications ☐ Yes ☒ No

5. RECOMMENDATIONS

It is recommended that this report be noted.

AANBEVELINGS

Daar word aanbeveel dat daar van hierdie verslag kennis geneem word.


IZINDULULO

Kundululwe ukuba mayiqwalaselwe le ngxelo.

ANNEXURES

Annexure A – Detailed Winter Readiness Programme 2020

FOR FURTHER DETAILS CONTACT

NAME	Henry du Plessis	CONTACT NUMBER	021 400 3720
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DIRECTORATE	TRANSPORT	FILE REF NO	
SIGNATURE : DIRECTOR ROADS INFRASTRUCTURE & MANAGEMENT	Henry du Plessis Director: Roads Department 		

EXECUTIVE DIRECTOR

NAME Ernest Sass COMMENT:

DATE 29/01/2020

SIGNATURE

248

LEGAL COMPLIANCE

NAME

Jean-Mari Holt

COMMENT:

DATE

30 / 01 / 2020

For information. JMH.

SIGNATURE

JMH

[Signature]

Comment:

MANAGER: SUBCOUNCIL 15

MARIETTE GRIESSEL

TEL NO 021 444-9797

DATE 10 MARCH 2020

Comment:

CHAIRPERSON: SUBCOUNCIL 15

ALDERMAN BRIAN WATKYN

TEL NO 021 444-9798

DATE 10 MARCH 2020

Making progress possible. Together.

**EXTRACT OF THE MINUTES OF THE TRANSPORT PORTFOLIO COMMITTEE
HELD IN THE COUNCIL CHAMBERS, 6TH FLOOR, PODIUM BLOCK, CIVIC
CENTRE CAPE TOWN ON THURSDAY, 6 FEBRUARY 2020 AT 11:00**

TRNS 16/02/20 WINTER READINESS PROGRAMME 2020

Cllr Jowell specified that weed spraying in areas should be addressed as it directly reflects on how the City is seen by visitors and residents and in order to be proactive, an oversight role should be incorporated into the Transport Portfolio Committee.

Cllr Liell-Cock suggested that the Winter Readiness Programme 2020 report be submitted to all Subcouncils as they are aware of all the hot spots in the areas within the City and that a comprehensive report be re-submitted to the Transport Portfolio Committee, which will include the comments from all the Subcouncils.

Cllr van der Merwe stated the following, that:

- a separate report be requested on the weed spraying within the areas of the City;
- it is important for the Winter Readiness Programme to start on time, that it is measurable and that, most importantly, there is oversight on it;
- a detailed report on winter readiness be submitted, indicating how it will be rolled out and in which areas;
- at the end of the period an investigation be conducted to determine which areas were omitted;
- the cleaning frequency reporting on the rivers and canals within the Kuils River and Eerste River areas indicates that it is cleaned between September to December annually and that winter readiness should be completed before winter.

The Chairperson proposed the following, that:

- the Winter Readiness Programme 2020 report be forwarded to all Subcouncils in order for the report to be included in the March Subcouncil Agendas;
- all Subcouncils are requested to submit a schedule of hot spot areas within their respective Subcouncils to H du Plessis, after consultation with their Ward Councillors;
- feedback regarding the implementation of the Winter Readiness Programme and the progress on the hot spots which were identified by the Subcouncils, be included on the Transport Portfolio Committee Agenda of May 2020;

- the feedback from the Transport Portfolio Committee be submitted to all Subcouncils for oversight, in order to avoid flooding within the problem areas.

Ald. Purchase stated that the report should be submitted to the Subcouncils for monitoring purposes and that the relationship between the Subcouncils and the Depots need to improve.

H du Plessis responded that the cd which included all the relevant information regarding the process and progress of the Winter Readiness Program within all Wards be forwarded to all Subcouncils.

RESOLVED that:

- (a) the Winter Readiness Programme 2020 report be noted;
- (b) the Winter Readiness Programme 2020 report be forwarded to all Subcouncils in order for the report to be included in the March Subcouncil Agendas;
- (c) all Subcouncils are requested to submit a schedule of hot spot areas within their respective Subcouncils to H du Plessis, after consultation with their Ward Councillors;
- (d) feedback regarding the implementation of the Winter Readiness Programme and progress on the hot spots which were identified by the Subcouncils, be included in the Transport Portfolio Committee Agenda of May 2020.

ACTION: H DU PLESSIS; J COOPER