



REPORT TO SUBCOUNCIL
SUBCOUNCILS 3, 4, 5 & 6

1. ITEM NUMBER: **05SUB 16/8/2021**

2. SUBJECT

REPORT ON WINTER READINESS COVERING SUBCOUNCILS 3, 4, 5
AND 6

ONDERWERP:

VERSLAG OOR WINTERGEREEDHEID WAT SUBRAAD 3, 4, 5 EN 6 DEK

ISIHLOKO:

INGXELO EMALUNGA NOKULUNGELA UBUSIKA APHO IQUKA
AMABHUNGANA 3, 4, 5, NELE6

3. PURPOSE

The purpose of the Report is to inform Subcouncil of the Winter Readiness Program within Transport: Road Infrastructure and Management (RIM), District 3 Service area, covering their constituency.

4. FOR DECISION BY

Delegation: Part 24: Subcouncils

General - 24(1)(1)

To assess the performance of service delivery generally within their area of jurisdiction (outcome monitoring)

5. EXECUTIVE SUMMARY

The Transport: Road Infrastructure Management Department is responsible for the reactive and planned maintenance of all roads and stormwater systems. This excludes the major canals and river systems which fall under the authority and maintenance of Water & Sanitation Directorate: Catchment, Stormwater & River Management Department.

This report addresses the different maintenance activities and considerations for winter readiness programs.

6. RECOMMENDATIONS

- a) That the Winter Readiness Report to Subcouncil 3, 4, 5 and 6 **BE NOTED**.

AANBEVELINGS:

- a) Dat DAAR KENNIS GENEEM WORD van die wintergereedheidsverslag aan subraad 3, 4, 5 en 6.

IZINDULULO:

- a) Ukuba **MAKUQWALASELWE** iNgxelo engokuLungela uBusika ejoliswe kumaBhungana 3, 4, 5, nele6.

7. DISCUSSION/CONTENTS

- The service area includes Subcouncil 3, Wards 1 & 5, Subcouncil 4, Wards 25, 26, 27, 28 & 30, Subcouncil 5, Wards 13, 20, 24, 31, 50 & 106 and Subcouncil 6, Wards 2, 3, 9, 10, 12 & 22
- Transport: Roads Infrastructure and Management (RIM) - District 3 performs all their operational and maintenance functions through the services of 3 internal depots (Sacks, Arnold Wilhelm and Socony Depots) and contracted services, appointed via relevant term tenders.
- The services under RIMs control for this area includes approximately 1,850 km road length, 1,145 km stormwater pipes, 18,540 stormwater manholes, 26,780 stormwater catchpits and 141 stormwater ponds.
- The pipe system primarily caters for the minor storm durations of 1:2 to 1:5 years and the roads, ponds, canals and rivers cater for the major storm durations up to 1:50 year events.
- High risk areas, prone to flooding includes the following:
 - Flat areas
 - Low lying areas where no overland escape routes exist (trapped low points)
 - Where houses / properties are lower than road level (non-compliant in terms of building regulations)
 - Where internal stormwater from properties are not drained towards roads and/or municipal system
 - Where systems are abused through illegal dumping
 - Inlet / outlet structures of ponds and canals that ensure the operation of the system
- Winter readiness interventions includes the following:
 - Cleaning of catchpits and canals through a Labour Intensive Tender and pipes through a Mechanical Cleaning Tender
 - Preparation and implementation of Red Gulley programme at critical points to prevent flooding

- Cleaning in- and outlet structures to ponds, canals and rivers to ensure the system is operational through Labour Intensive and/or Mechanical Cleaning Tenders
- Implementation, Progress and Constraints includes:
 - Stormwater Catchpit cleaning
 - Annual program done throughout year by District through contracted services
 - Areas prone to flooding (also included in Red Gulley Program) done just before Winter
 - The program has been implemented on an ad-hoc basis by internal depot teams. The norm is that the program be implemented by contracted services via our Labour Intensive Tender, which unfortunately expired June 2020 (Tender 171S). It is expected that the tender should be available early in the next financial year, 2021/22.
 - With no term tender available, efforts are focused on Red Gulley locations done via JET VAC machine through the Mechanical Cleaning Tender, which became available end January 2021.
 - Available JET VAC machines: (also used for pipe cleaning)
 - Socony and Arnold Wilhelm Depot each has a machine, covering Parow and Goodwood areas (hired externally),
 - Sacks Depot has a machine, covering Bellville north and south of N1 (Council owned machine)
 - Delft does not have a machine available currently, as the term tender available was not awarded in the specific area due to non-compliance of contractor after due diligence assessment.
 - Pond cleaning
 - Done throughout year by District through contracted services
 - Ponds prone for flooding due to system abuse are done at least twice a year and just before Winter and/or expected high rainfall event.
 - The program has not been implemented in general, this due to lack of available Labour Intensive Tender. It is expected that the tender should be available early in the next financial year, 2021/22.
 - Efforts are done by internal depot to hand clean red gulley ponds
 - Pipe Cleaning
 - Done on ad-hoc basis where blockages are reported, this via the Mechanical Cleaning Tender.
 - Available JET VAC machines: (also used for Red Gulley cleaning)
 - Socony and Arnold Wilhelm Depot each has a machine, covering Parow and Goodwood areas (hired externally),
 - Sacks Depot has a machine, covering Bellville north and south of N1 (Council owned machine)
 - Delft does not have a machine available currently, as the term tender available was not awarded in the

specific area due to non-compliance of contractor after due diligence assessment.

7.1. Legal Implications

None

7.2. Staff Implications

Does your report impact on staff resources or result in any additional staffing resources being required?

No ☒

Yes ☐

7.3. Other Services Consulted

None

ANNEXURES

None

Johan Snyman

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FOR FURTHER DETAIL CONTACT:

Jeanine du Preez

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Regan Melody

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Comment:

EXECUTIVE DIRECTOR (ACTING)

Regan Melody

NAME

DATE