KNYSNA LOCAL MUNICIPALITY

Notice is hereby given of a

INFRASTRUCTURE SERVICES COMMITTEE MEETING

Which will be held on

Monday, 24 August 2026

at

09:00

In the Council Chamber

to consider the following items

MUNICIPAL OFFICES
KNYSNA

MR. BOY MANQOBA NGUBO
ACTING MUNICIPAL MANAGER

A G E N D A

Chairperson: **Cllr R Arends**
Members: Cllr R Kakora
Cllr N Louw
Cllr A Tsengwa
Cllr M Gericke
Cllr P Bester
Cllr C Vanston

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A G E N D A

1. Opening and Welcome

2. Attendance (as per attendance register)

   2.1 Members: Present
   2.2 Members: Absent with Leave
   2.3 Members: Absent Without Leave
   2.4 Other Councillors Present
   2.5 Officials Present
   2.6 Members of the Audit Committee Present
   2.7 Members of the Public Present

3. Noting the Provisions of Schedule 1 (Code of Conduct for Councillors) of the Local Government Municipal Systems act, 32 of 2000 and Code for Ethical Leadership as adopted by Council

4. MINUTES OF THE PREVIOUS MEETING

4.1 INFRASTRUCTURE SERVICES COMMITTEE MEETING: TUESDAY, 5 MAY 2026

That the minutes of the Infrastructure Services Committee meeting held on 05 May 2026, be confirmed.

KNYSNA LOCAL MUNICIPALITY

MINUTES

of a meeting of the

INFRASTRUCTURE SERVICES COMMITTEE

held in the Council Chamber

Tuesday, 05 May 2026

at

09:00

1. Opening and Welcoming

   At 09:04, the Chairperson welcomed Councillors, officials and members of the public to the meeting where after a roll call was conducted.

2. Attendance of Members:

   2.1 Members Present

   Cllr R Arends (Chairperson)
   Cllr M Gericke
   Cllr R Kakora (*from 09:55)*
   Cllr P Bester
   Cllr N Louw
   Cllr A Tsengwa
   Cllr C Vanston (*Via MSTEAMS*)

   2.2 Other Councillors Present

   Cllr M Khumelwana
   Cllr L Tyokolo (*Via MSTEAMS*)
   Cllr A Schalkwyk (*Via MSTEAMS)*
   Cllr L Nohana *(Via MSTEAMS)*

   2.3 Members Absent with leave

   None

   2.4 Members Absent without leave

   None

   2.5 Officials Present

Martin, R	Acting Municipal Manager
Douglas, J	Director: Community Services
Wesso, R	Director: Infrastructure Services
Dunywa, A	Director: Planning & Economic Development
Morne, M	Acting CFO
Maree, S	Manager: Roads & Public Works
Parry, R	Manager: Water and Sewer
Mbotho, L	Senior Manager: Electrical
Nzuzo, M	Manager: Project Management
Lakay, J	Head: Council Committees and Cllr Support
Gwayi, Z	Senior Clerk: Committees

   2.6 Members of the Audit Committee Present

   The meeting was live-streamed on YouTube and MSTeams.

   2.7 Members of the Public Present

   The meeting was live-streamed on YouTube.

2.8 Presentation:

Sibusiso - Knysna Municipality Meter Network

3. **NOTING OF THE PROVISIONS OF SCHEDULE 1 (CODE OF CONDUCT FOR COUNCILLORS) OF THE LOCAL GOVERNMENT MUNICIPAL SYSTEMS ACT, 2000 AND DECLARATION OF INTEREST**

RESOLVED

[a] That the provisions of Schedule 1 (Code of Conduct for Councillors) of the Local Government Municipal Systems Act, 2000, be noted; and

[b] That it be noted that no member or other Councillor declared any interest in any item on the Agenda.

4. CONFRIMATION OF THE PREVIOUS MEETING

4.1 **INFRASTRUCTURE SERVICES COMMITTEE MEETINGS: 03 & 04 MARCH 2026**

UNANIMOUSLY RESOLVED

That the minutes of the Infrastructure Services Committee Meetings held on the 03 March 2026 & 04 March 2026, be confirmed.

5. MATTERS SUBMITTED BY THE ACTING MUNICIPAL MANAGER

IS08/05/26 REPORT OF THE ROADS, TRANSPORT & STORM WATER & BUILDINGS MAINTENANCE DIVISION (RTSBMD) FOR QUARTER 3 (25/26)

UNANIMOUSLY RECOMMENED

That the Report of the Roads, Transport & Storm Water & Buildings Maintenance Division (RTSBMD) for Quarter 3 (25/26), be noted.

File Number: 9/1/2/1
Execution: Manager Water & Sewer

Chairperson and the Committee members agreed that IS08/05/26 be dealt with first.

IS01/05/26 REPORT ON THE IMPLEMENTATION OF WATER WASTEWATERSERVICES OPERATIONAL BUDGET 2025/2026 (JAN 2026 – MAR 2026

UNANIMOUSLY RECOMMENED

That the Report on the Implementation of Water Waste Water Services Operational Budget 2025/2026 (Jan 2026- Mar 2026), be noted.

File Number: 9/1/2/1
Execution: Manager: Water & Sewer

IS02/05/26 **REPORT ON EXPENDITURE OF GRANT FUNDS 2025/2026 FINANCIAL YEAR**

UNANIMOUSLY RECOMMENED

That the Report on Expenditure of Grant Funds for the 2025/2026 financial year, be noted.

File Number: 9/1/2/1
Execution: Manager PMU

IS03/05/26 **ELECTRICAL & MECHANICAL DEPARTMENT CAPITAL PROJECT REPORT FROM JANUARY TO FEBRUARY 2026**

UNANIMOUSLY RECOMMENED

That the Electrical & Mechanical Department Capital Project Report for the period January to February 2026, be noted.

File Number: 9/1/2/1
Execution: Manager: Electro Technical

6. Closure

The Chairperson thanked everyone present for their contributions and the meeting concluded at 13:15.

Approved:

…….. ……..
Chairperson: Cllr R Arends Date

-oOo-

5. MATTERS SUBMITTED BY THE ACTING MUNICIPAL MANAGER

5.1

IS01/08/26	**PROGRESS REPORT ON THE 2025 WATER INDABA RESOLUTIONS**

REPORT FROM THE DIRECTOR INFRASTRUCTURE SERVICES

PURPOSE OF THE REPORT

To inform Council of the June 2026 update on the Water and Sewer Indaba Resolutions.

PREVIOUS RESOLUTIONS

N/A

BACKGROUND

The Water and Sewer Indaba was held on 27and 28 March 2025, and the theme was water security and the provision thereof.

The main objective of the Water and Sanitation Indaba was to assess the state of the water sector and to reach a collective agreement on what needs to be done to address the current water challenges.

DISCUSSION

The Department of Water and Sanitation developed a reporting template that must be completed on a quarterly basis.

Below is a synopsis of the resolutions that were adopted.

Indaba Short Term Resolutions 2025

1. Resolutions related to delivery/ implementation models
2. Resolutions related to increasing investment through financing options and ensuring the financial viability of the sector
3. Resolutions related to enhancing and strengthening technical and operational capacity and efficiency
4. Resolutions related to building partnerships through building water sensitive and resilient communities
5. Resolutions related to fighting criminality and corruption in the water and sanitation sector.

Indaba Medium Resolutions

1. Resolutions related to enhancing and strengthening technical and operational capacity and efficiency
2. Resolutions related to fighting criminality and corruption in the water and sanitation sector

Indaba Long term resolutions

1. Resolutions related to delivery/ implementation models

2. Resolutions related to increasing investment through financing options and ensuring the financial viability of the sector

Attached is the spreadsheet for the Knysna Water Services Authority and Knysna Service Provider (Knysna Municipality are both entities).

FINANCIAL IMPLICATIONS

N/A

RELEVANT LEGISLATION

Water Services Act, Act no 108 of 1997
National Health Act, No.61 of 2003.
National Environmental Management Act, No.107 of 1998.
Water Act, No.36 of 1998.
Constitution, Republic of South Africa, No.108 of 1996.
Municipal Finance Management Act

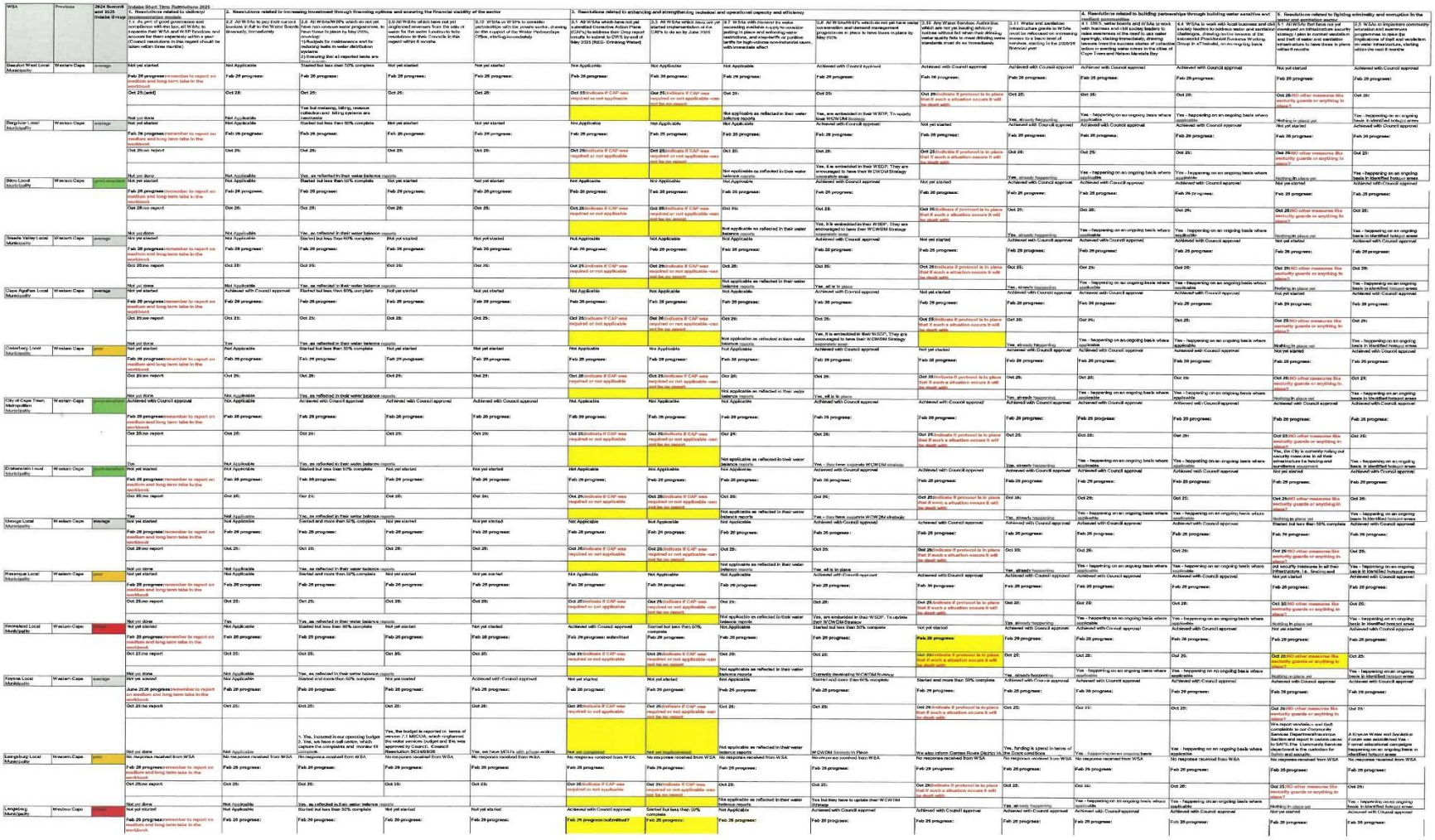
RECOMMENDATION OF THE ACTING MUNICIPAL MANAGER

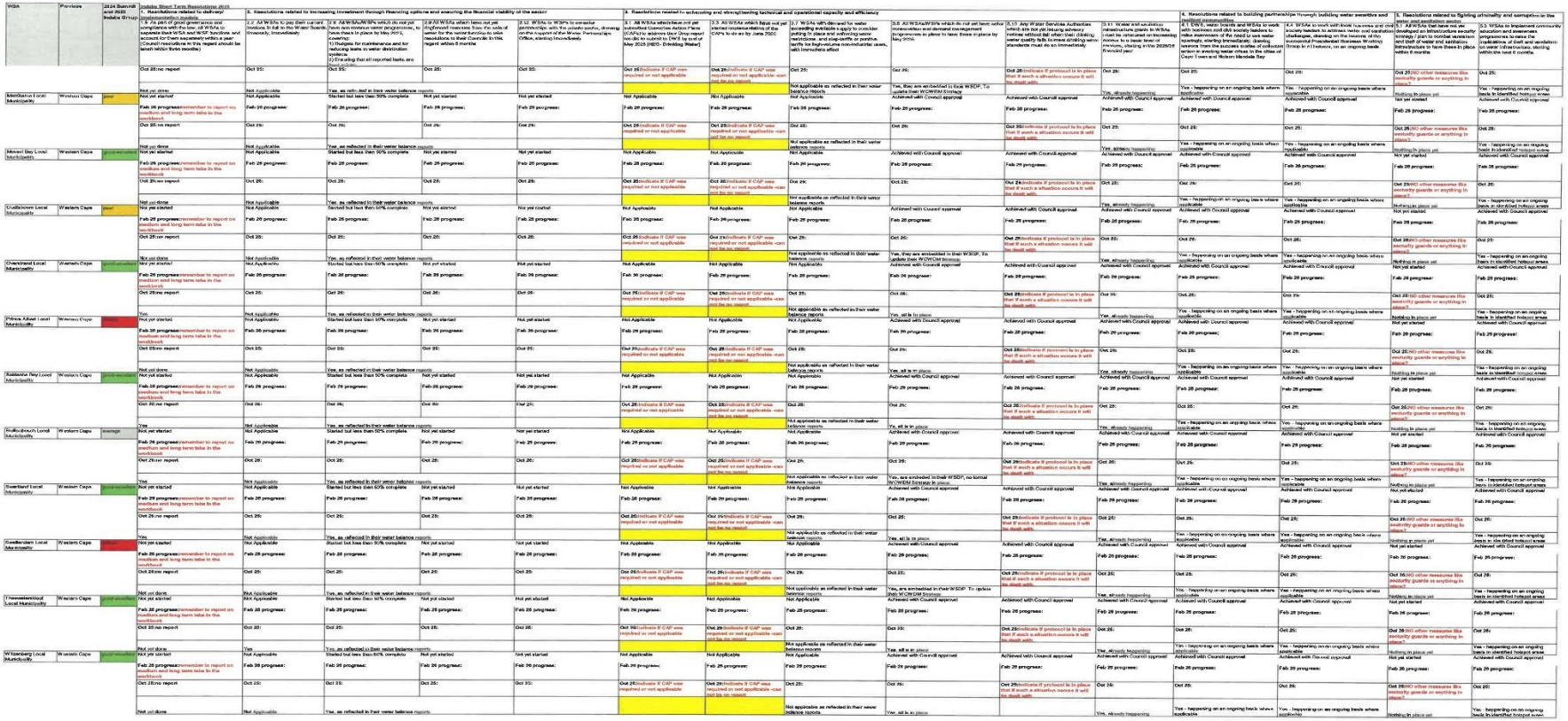
That Council note the contents of the report.

APPENDIX / ADDENDUM

Annexure A. Indaba Resolutions and Progress

File Number:	9/1/2/1
Execution:	Manager Water & Sewer





WSA	Province	2024 Summit and 2025 Indaba Group	Indaba Medium Resolutions	WSAs						
			Resolutions related to enhancing and strengthening technical and operational capacity and efficiency							**6. Resolutions related to fighting criminality and corruption in the water and sanitation sector**
			3.5 All WSAs to put in place plans to reduce demand, through communications campaigns and stakeholder engagements aimed at behaviour change, water restrictions and tariffs and technical interventions such as flow restrictors, pressure management and leak reduction, within a year.	3.6 All WSAs to implement leak detection and repair programmes to improve reliability through improving leak repair turnaround times; prioritizing the leaks which result in the highest losses, while fixing other leaks; and costing and implementing a programme of pipe replacement so that infrastructure remains within its design life	3.9 All WSA to put in place climate change and disaster response plans within a year	3.12 All WSPs to ensure that asset management plans are in place, including maintenance plans, within a year	3.13 All WSAs to ensure that their maintenance and repairs teams have the necessary tools of trade, within two years	3.14 All WSAs/WSPs to implement the local government professionalization framework, in terms of timeframes set by the Department of Cooperative Governance	3.17 All WSAs to prioritise creation and filling of key technical positions (process controllers, artisans, scientists and engineers) on an ongoing basis	3.15 All WSA's to review their bylaws with regard to enforcement of water and sanitation policies in line with national norms and standards, and address gaps within the next year	5.4 WSAs to consider establishing water committees to protect water and sanitation infrastructure, within a year
Beaufort West Local Municipality	Western Cape	average	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Bergrivier Local Municipality	Western Cape	average	No response received from WSA	No response received from WSA	No response received from WSA	No response received from WSA	No response received from WSA	No response received from WSA	No response received from WSA	No response received from WSA	No response received from WSA
			Feb 2026 Progress:	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Bitou Local Municipality	Western Cape	good-excellent	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Breede Valley Local Municipality	Western Cape	average	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Cape Agulhas Local Municipality	Western Cape	average	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Cederberg Local Municipality	Western Cape	poor	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
City of Cape Town Metropolitan Municipality	Western Cape	good-excellent	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Drakenstein Local Municipality	Western Cape	good-excellent	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
George Local Municipality	Western Cape	average	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Hessequa Local Municipality	Western Cape	poor	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Kannaland Local Municipality	Western Cape	[illegible]	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Knysna Local Municipality	Western Cape	average	Achieved with Council approval	Started but less than 50% complete	Started and more than 50% complete	Started but less than 50% complete	Started and more than 50% complete	Not yet started	Started but less than 50% complete	Started but less than 50% complete	Started and more than 50% complete
			Feb 2026 Progress:	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			Part of our Water Coservation and Demand StrategyStartegy	Contractor assisted with leak detection and repairs in high losses zones	Council adopted a Disaster plan and a the climate change plan is in draft format	We busy developing maintenance plans					Water and Sanitation Forum was established
Laingsburg Local Municipality	Western Cape	poor	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 26:
			July - No Report								
Langeberg Municipality	Western Cape	[illegible]	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**	**Feb 2026 Progress:**
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Matzikama Local Municipality	Western Cape	poor	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started

WSA	Province	2024 Summit and 2025 Indaba Group	Indaba Medium Resolutions	WSAs							
			Resolutions related to enhancing and strengthening technical and operational capacity and efficiency								6. Resolutions related to fighting criminality and corruption in the water and sanitation sector
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			Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Mossel Bay Local Municipality	Western Cape	good-excellent	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Oudtshoorn Local Municipality	Western Cape	poor	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Overstrand Local Municipality	Western Cape	good-excellent	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Pithos Albert Local Municipality	Western Cape	poor	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Saldanha Bay Local Municipality	Western Cape	good-excellent	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Stellenbosch Local Municipality	Western Cape	average	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Swartland Local Municipality	Western Cape	good-excellent	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 26:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Swellendam Local Municipality	Western Cape	poor	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 26:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Theewaterskloof Local Municipality	Western Cape	good-excellent	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								
Witzenberg Local Municipality	Western Cape	good-excellent	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
			Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:	Feb 2026 Progress:
			Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:	Oct 25:
			July - No Report								

WSA	Province	2024 Summit and 2025 Indaba Group	Indaba Long term resolutions	WSAs		
			1. Resolutions related to delivery/ implementation models		2. Resolutions related to increasing investment through financing options and ensuring the financial viability of the sector	
			1.3 All WSAs to implement a utility model for water and sanitation to ensure operational efficiency without losing municipal ownership, within three years (a utility can be a ring-fenced internal department, municipal entity, water board, special	1.6 All metropolitan municipalities to implement the Reform of Metropolitan Trading Services Programme - establish or appoint ring-fenced, professionally managed utilities (internal or external) for water & sanitation within	2.11 All WSAs to review their indigent registers and ensure the provision of free basic water to the indigent within two years. All other water users to be billed and revenue to be collected from all other users	2.14 DWS, the Water Boards and WSAs to increase their collaboration with the Infrastructure Fund to put in place more blended finance water projects, over the next three years
Beaufort West Local Municipality	Western Cape	average	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Bergrivier Local Municipality	Western Cape	average	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Bitou Local Municipality	Western Cape	good-excellent	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Breede Valley Local Municipality	Western Cape	average	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**Feb 26 Progress:**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Cape Agulhas Local Municipality	Western Cape	average	No response received from WSA	Not Applicable	No response received from WSA	No response received from WSA
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Cederberg Local Municipality	Western Cape	poor	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
City of Cape Town Metropolitan Municipality	Western Cape	good-excellent	Not yet started	Achieved with Council approval	Not yet started	Not yet started
			Feb 26 Progress:	**Feb 26 Progress:**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Drakenstein Local Municipality	Western Cape	good-excellent	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
George Local Municipality	Western Cape	average	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Hessequa Local Municipality	Western Cape	poor	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Kannaland Local Municipality	Western Cape	critical	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Knysna Local Municipality	Western Cape	average	Not yet started	Not Applicable	Started and more than 50% complete	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Laingsburg Local Municipality	Western Cape	poor	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Langeberg Municipality	Western Cape	critical	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Matzikama Local Municipality	Western Cape	poor	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Mossel Bay Local Municipality	Western Cape	good-excellent	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Oudtshoorn Local Municipality	Western Cape	poor	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**

Overstrand Local Municipality	Western Cape	good-excellent	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Prince Albert Local Municipality	Western Cape	critical	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Saldanha Bay Local Municipality	Western Cape	good-excellent	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Stellenbosch Local Municipality	Western Cape	average	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Swartland Local Municipality	Western Cape	good-excellent	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Swellendam Local Municipality	Western Cape	critical	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Theewaterskloof Local Municipality	Western Cape	good-excellent	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**
Witzenberg Local Municipality	Western Cape	good-excellent	Not yet started	Not Applicable	Not yet started	Not yet started
			Feb 26 Progress:	**NA**	**Feb 26 Progress:**	**Feb 26 Progress:**
			Oct 25:no report	**Oct 25:**	**Oct 25:**	**Oct 25:**

5.2

IS02/08/26 REPORT ON EXPENDITURE OF GRANT FUNDING 2025/2026 FINANCIAL YEAR – JUNE 2026

REPORT FROM THE DIRECTOR INFRASTRUCTURE SERVICES

PURPOSE OF THE REPORT

The purpose of this report is to inform the Section 80 Committee on the current spending status of external grants, challenges and make specific recommendations.

PREVIOUS RESOLUTIONS

N/A

BACKGROUND

The Municipality has received the following grant funding from external government departments;

- Water Services Infrastructure Grant **(WSIG)**
- Municipal Infrastructure Grant **(MIG)**
- Neighbourhood Development Partnership Grant **(NDPG)**
- Municipal Energy Resilience Grant **(MERG)**
- Water Resilience Grant **(WRG)**
- Integrated National Electrification Programme **(INEP)**

DISCUSSION

Below is the current spending status of the grants;

SUMMARY OF GRANTS RECEIVED IN 2025/2026

Grant Fund	Total Alloc.	Expenditure to Date	% Expend.	Comments
WSIG	R7 000 000	R7 000 000	100%	None Completed in February 2026
MIG	R27 765 000	R 27 765 000	103%	None Remaining 3 x projects overlapping to 2026/2027 Emergency Bulk Water Augmentation Surfacing of Gravel Roads – Rheenendal (Ward 5) Rheenendal Bulk Water Supply
MIG (Rollover)	R 3 995 945	R 3 995 945	100%	None 2 x rollover projects completed Mig Spending
NDPG	R 15 000 000	R 14,552,180.24	97%	Main Contractor on site as from beginning of June 2026. A small amount of funding

				was not spent. Project overlapping to 2026/2026 financial year
INEP	R10 000 000	R 10 000 000	100%	T21/2024/2025 was awarded in September 2025, for Knysna Main Intake Substation Upgrade. All programmed materials deposited for manufacturing.
WRG	R2 500 00	2 500 000	100%	Optimization of Pumpstations spending completed.
WRG (Rollover)	R4 773 348	R4 773 348	100%	Pumps Supplied completely through T24/2024/25
MERG (Rollover)	R574 764	R574 764	100%	Cost of Supply Study completed in March 2026

FINANCIAL IMPLICATIONS

None

RELEVANT LEGISLATION

Municipal Finance Management Act, Act 56 of 2003

RECOMMENDATION OF THE ACTING MUNICIPAL MANAGER

That the Section 80 Committee notes the summary report on expenditure of Infrastructure Development Grants allocated to Knysna Municipality within the 2025/2026 financial year.

APPENDIX / ADDENDUM

File Number: 9/1/2/1

Execution: Manager PMU

5.3

IS03/08/26 REPORT ON THE IMPLEMENTATION OF WATER AND WASTEWATER SERVICES OPERATIONAL BUDGET 2025/2026 (APRIL 2026 – JUNE 2026)

REPORT FROM THE DIRECTOR INFRASTRUCTURE SERVICES

PURPOSE OF THE REPORT

To report to Council on the execution of the Water and Wastewater Services Operational Budget 2025/2026 (April 2026- June 2026).

PREVIOUS RESOLUTIONS

N/A

BACKGROUND

Overview of Infrastructure and Human Resources
The department has a total staff complement of 95, and on the new organogram reflects a total of 170 to efficiently manage the department. The vacancies are currently at 45% in the department.

Overview of Services
The department manages infrastructure and networks which comprises of the following infrastructure and remains unchanged:

Water Infrastructure:

Dams	3
Water Treatment Schemes	9
Raw water pipelines	±42 km
Potable Water Mains	404 km
Reservoirs and Elevated Tanks	49
Water Pump stations	55

Sewer Infrastructure:

Sewer Treatment Plants	7
Sewer Pipelines	416 km
Sewer Pump stations	113
Generators	14
Gearboxes	38
Motor Control Centres	185

DISCUSSION

Maintenance
Below is a summary of complaints and activities of the department for the period April to June 2026.

*** It must be noted that all after hour complaints are channelled through the office and Fire Station. ***

Table 1: Complaints and Maintenance summary

ACTIVITY	APRIL 2026	MAY 2026	JUNE 2026	COMMENT
Water complaints received during working hours	135	43	42	Complaints such as burst pipe, pump failures, HH complaints
Water complaints received after Hours	76	17	15	Complaints received from the Fire station after normal working hours
Water Truck Deliveries (KM)	39	48	40	These figures only include residents/businesses that buy water. Deliveries to informal areas and various areas during emergencies is not included in this data
Water Deliveries by Contractor	0	57	30	
New water meter installations – new houses/applications	2	1	5	Normal domestic water meters
Sewer complaints received during working hours	150	85	77	Complaints such as sewer line blockages
Sewer Complaints received after hours	48	24	17	Complaints received from the Fire station
Septic Tank Removals	31	39	47	This data is only for the households or business removals requested. Challenges were experienced w.r.t. broken plant. Furthermore, there are more vacancies in the section, which were given to the department.
Sewer Loads removed by contractors	1400	1100	1163	
Faulty pre-paid water meter replacements	73	68	73	Batteries faulty, vandalism nuisance calls, meters not activated on system.
Faulty pre-paid water meter replacements after hours	23	17	10	Batteries faulty, vandalism nuisance calls, meters not activated on system.
Bypassed pre-paid water meter replacements	56	51	73	The Service Level Agreement was signed with the service provider. They are busy with phase 1 of synchronizing the data, etc.

				A follow-up meeting will be scheduled with the service provider to discuss the roll out program
Town planners' application of building control.	22	19	25	Scrutinised building plans and comments at developments and subdivisions.

Water Produced (Ml/m³) Greater Knysna	444	470	571	The consumption figures are for the entire Knysna Area
Water Treatment Plants compliance	All plants compliant.	All plants compliant.	All plants compliant.	The potable water conformed to SANS241-15 standards. Five Parameters consists of pH, Conductivity, Turbidity, Colour and Chlorine. Knysna WTP failed pH due to blocked soda ash line.
Effluent Produced (Ml/m³) Greater Knysna	274	278	274	Outflow meter readings were used on a by-pass that was opened because of a faulty electronic meter.
Waste Water Treatment Plants compliant (Biological) Total:7 Sewer Works	All plants compliant - except Knysna & Karatara	All plants compliant - except Knysna & Brenton	All plants compliant- except Knysna	Knysna was not compliant due to maturation pond and chlorine contact tank high solid content due to high rainfall events. Professional busy with compiling a tender.

Operational Tenders

Challenges in the Department	**Solutions**
We entered into a plea agreement regarding pollution incidents.	The budget was adjusted to assist the department in addressing to a certain extent the services.
Electrical failures which have led to infrastructure problems. Thus, an increase in contractors having to get involved in operational work as opposed to preventative work	MCC's must be upgraded with the necessary protection. The recent rains also lead to the increase in damages.
Increase in informal areas	Planning for new developments. Our department of Human Settlements to provide basic services in conjunction with IHS. New sewer solutions will be investigated. The department are finalising the Water and Sewer Masterplans. The Norms and Standards Policy was approved and must be Workshopped with the Cllrs.

• Shortage of key human resources	The superintendent commenced with work on 1 April 2026. Note that the principal technician and millwright posts were shortlisted, but no suitable candidates could be recommended due to the new staff regulations.
Stormwater intrusion in sewer network	The Consultant was appointed to deal with the Water and Sewer Masterplan. They are also busy with a storm water masterplan.
Sinkholes - sewer	The contractor fixed 1 sinkhole in June 2026 and the other sinkholes will be rolled out in the current 2026/207 financial year.
Pump breakdowns – constant breakdowns	Preventative maintenance needs to takes place, which include cleaning of sumps, oil and grease equipment. Currently there is no external service provider servicing the department.
Decreased overtime threshold that is causing substantial backlog on complaints resulting in decreased service delivery, longer reaction time and public irritability	The Department needs to be capacitated – by filling funded vacant posts. The organogram also must be reviewed to allow for dedicated resources in the mechanical, electrical and sewer sections.
Non-dedicated plant for the water and sewer department's operations, which needs to be hired or scheduled in from other departments or contractors	Purchase key Plant to reduce overtime and hiring efficiency to certain activities to fulfil mandate to deliver basic services. The increase in owned plant will also assist in terms of the new norms and standards policy that was approved and must be workshopped.
Financial challenges experienced by Municipality putting strain on operational and capital budgets	Additional funding required. System was rolled out from the early 70's. Each year backlogs form, which is not addressed and leads to premature failure of assets .
Aged reticulation that is prone to breakages in desperate need of an upgrade	Budget is required for upgrades on assets that are beyond its lifespan.
Inaccessibility to pump stations and other infrastructure – due to illegal dumping and establishment of informal settlement on Municipal services	An integrated approach needs to be implemented between all user Departments within the Municipality to deal with this challenge. In our masterplan we will investigate the reduction of sewer pump stations
By-law enforcement	Law Enforcement department must act on lawlessness with regard to water and sewer by-laws.

Overtime
Below table sums up the overtime in the water and sewer reticulation section for the Greater Knysna Area:

MONTH	**OVERTIME HOURS WORKED**
April 2026	5176
May 2026	5192
June 2026	4548

The above overtime includes the 60 hours that was worked during the storm events.

FINANCIAL IMPLICATIONS

Operating budget

Table 2 below summarizes the Operational budget expenditure for the period ending June 2026:

Table 2 Operating budget expenditure (CFO Monthly report as at June 2026)

WATER RETICULATION	2025 ORIGINAL BUDGET	YTD BUDGET	YTD ACTUAL %
Expenditure / Contracted services	6,430,521.00	3,379,641.34	53%
ESKOM Charges (Direct)	5,902,607.00	4,712,561.02	80%
Other Expenditure	3,988,862.00	3,339,509.67	84%
Hire Charges	5,973,170.00	3,607,654.80	60%
SEWER PURIFICATION			
Contracted Services	4,004,622.00	1,668,358.44	42%
Other Expenditure	56,176.00	30,581.25	54%
Hire Charges	1,000,000.00	799,597.54	80%
SEWER RETICULATION			
Contracted Services	2,381,060.00	928,547.36	39%
Other Expenditure	127,929.00	77,292.85	60%
SEWER SANITATION			
Contracted Services	151,151.00	103,407.15	68%
Other Expenditure	287,774.00	517,615.16	180%
WATER PURIFICATION			
Contracted Services	2,174,615.00	283,928.00	13%
Other Expenditure	20,658,142.00	7,731,815.73	37%
Hire Charges	46,200.00	57,078.77	124%
	53,182,829.00	**27,237,589.08**	**51%**

RELEVANT LEGISLATION

National Health Act, No.61 of 2003.
National Environmental Management Act, No.107 of 1998.
Water Act, No.36 of 1998.
Constitution, Republic of South Africa, No.108 of 1996.
Occupational Health and Safety Act
Basic Conditions of Employment Act
Municipal Finance Management Act

RECOMMENDATION OF THE ACTING MUNICIPAL MANAGER

Council note the content of the report.

APPENDIX / ADDENDUM

File Number: 9/1/2/1

Execution: Manager Water & Sewer

5.4

IS04/08/26 REPORT ON PROCUREMENT PLAN AND PROGRESS FOR INFRASTRUCTURE CAPITAL PROJECTS APRIL TO JUNE 2026

REPORT FROM THE DIRECTOR INFRASTRUCTURE SERVICES

PURPOSE OF THE REPORT

The purpose of this report is to submit the procurement plan and progress report for the capital budget for Quarter 4 of the 2025/2026 financial year to Section 80 Committee for noting.

PREVIOUS RESOLUTIONS

N/A

BACKGROUND

The Council has set aside a total original budget of R 125 791 382 and that was adjusted to a total of R 135 535 122 to implement capital projects. The Infrastructure Services Department has, after receipt of confirmation of approval of capital budget developed a final procurement plan for submission to Council.

Furthermore, part of the capital projects is confirmed grant funding of up to R 68 834 995 from external government departments.

A total amount of R 7 820 000 was said to be funded from the Department of Water and Sanitation through the Regional Bulk Infrastructure Programme. The Service Level Agreement for this funding is with Department of Water and Sanitation legal Department.

DISCUSSION

GRANT DETAIL	FUNDING RECEIVED
Water Services Infrastructure Grant **(WSIG)**	R 7 000 000
Municipal Infrastructure Grant including approved rollover **(MIG)**	R 33 760 995 (R 31 760 995 subject to confirmation by Treasury on regazetting)
Neighbourhood Development Partnership Grant **(NDPG)**	R 15 000 000
Water Resilience Grant **(WRG)**	R 2 500 000
Integrated National Electrification Programme **(INEP)**	R 10 000 000
Municipal Energy Resilience Grant approved rollover **(MERG)**	R 574 000
TOTAL	**R 68 834 995** **(66 834 995** subject to confirmation by Treasury on regazetting)

POTENTIAL ADDITIONAL GRANT FUNDING	
Regional Bulk Infrastructure Grant **(RBIG)**	**R 7 820 000 (SLA underway)**

The Municipality, through its internal funding will fund the remainder of the capital plan.

Note: Report on MS Excel Spreadsheet can be read as follows.

Professional Services are in place

No Professional Services in place

No need for Professional Services

FINANCIAL IMPLICATIONS

None

RELEVANT LEGISLATION

Municipal Finance Management Act, Act 56 of 2003

Division of Revenue Bill 2025

RECOMMENDATION OF THE ACTING MUNICIPAL MANAGER

That Council notes the procurement plan and progress on capital projects for Quarter 4 of 2025/2026 financial year.

APPENDIX / ADDENDUM

Annexure 1: Capital Expenditure per Directorate and Department

File Number: 9/1/2/1

Execution: Manager PMU

APPENDIX 8 : CAPITAL EXPENDITURE PER DIRECTORATE AND DEPARTMENT

Row Number	Directorate	Department	Capital Project Item Description	Project Description	Vote Number	Funding Source	Ward Allocation	CONSULTING ENGINEER IN PLACE(Y/N/NA)	COMMENTS	PROJECTED PROGRESS JUNE 2026	BIDDING METHOD	JUNE 2026 PROGRESS	CONSTRUCTION START
43	Vote 7 - Electrical Services	7.3 - Electricity Distribution	Relay replacement to reduce overloading	Professional Services for reduction of overloading at Substations	9/104-210177-360261	Internally Generated Funds	All	Y	Funding is linked to Main Intake Substation load management	100% Installed Relay at Main Intake Substation	Tender	Completed	03-Dec-25
44	Vote 7 - Electrical Services	7.3 - Electricity Distribution	Replacement of 2 RMU's Eastford and White location	Replacement of 2 RMU's Eastford and White location Supply Areas	9/104-213377-360193	Internally Generated Funds	All	NA	Funding is linked to planned infrastructure renewal programme	100% Installed 2 RMU's in eastford and White Location	Tender	On going using internal term tenders	25-Aug-25
45	Vote 7 - Electrical Services	7.3 - Electricity Distribution	Electrification of Informal Ward 3	Electrification of informal settlements in Ward 3 of Knysna	9/104-98-123	Internally Generated Funds	3	May-26	Virement made to revise the budget to make more informal connections	100% Connection of Informal Households	Tender	On going using internal term tenders	25-Aug-25
46	Vote 7 - Electrical Services	7.3 - Electricity Distribution	Electrification of informal areas (Ward 1, to Ward 11)	Electrification of informal settlements all Wards of Knysna Municipality	9/104-211577-60210	Internally Generated Funds	1,3,4,5,6,7,8,11	May-26	Funding is linked to electrification of informal settlements throughout Knysna Municipality	100% Connection of Informal Households across Knysna Municipality	Tender	On going using internal term tenders	14-Jan-26
47	Vote 7 - Electrical Services	7.3 - Electricity Distribution	Electrification of Formal Housing	Electrification of formal settlements all Wards of Knysna Municipality	9/104-112-138	Internally Generated Funds	1,3,4,5,6,7,8,11	May-26	Funding is linked to electrification of Formal settlements throughout Knysna Municipality	100% Connection of Formal Households	Tender	On going using internal term tenders	14-Jan-26
48	Vote 7 - Electrical Services	7.3 - Electricity Distribution	Refurbishment of Ring Main Units	RFQ for Professional Services	9/104-210177-60261	Internally Generated Funds	All	NA	Funding is linked to planned infrastructure refurbishmet programme	100% Refurbished RMU's across Knysna Municipality	Tender	On going using internal term tenders	25-Aug-25
49	Vote 7 - Electrical Services	7.3 - Electricity Distribution	Smart Meters Installation	RF29 Revenue Enicement Project	9/104-211377-60414	Internally Generated Funds	All	Y	Funding is linked to supply and installation of Smart Electricity Meters		Transversal Tender	Supply of Electricity Smart Meters for the Pilot Project is underway	25-Aug-25
50	Vote 7 - Electrical Services	7.3 - Electricity Distribution	20MVA66/22kV Knysna Main Intake Substation Ph2 (INEP)	Upgrade of Knysna Main Intake Substation to improve bulk capacity	9/104-210677-60176	National Government Grants	All	Y	Funding is linked to upgrade of the Knysna Main Intake Substation	100% completed Phase1 od the INEP Project	Tender	Contractor ordering long lead materials and equipment	02-Sep-25
51	Vote 7 - Electrical Services	7.3 - Electricity Distribution	New MV Transformers	Supply and Delivery of MV Transformers	9/104-211577-360227	Internally Generated Funds	All	NA	Funding is linked to supply and delivery of MV Transformers for replacement purposes	100% supply and delivery of new MV Transformers	Tender	On going using internal term tenders	26-Aug-25
53	Vote 8 - Technical Services	8.2 - Director Technical Services	Program Tools Equipment	Purchase of tools for the infrastructure services department	9/101-38-33	Internally Generated Funds	Head Office	NA	Ad hoc tools and equipment purchases by Infrastructure Service Department	100% supply of needed tools and equipment	Tender	Adhoc equipment purchses are ongoing	N/A
54	Vote 8 - Technical Services	8.5 - Roads, Sewerage/Water Drainage: Streets	Upgrade Gravel Roads Ward 4	Planning for surfacing of Gravel Roads for the next MTEF Period	9/110-100-188	Borrowings	4	N/A	PSP APPOINTED, SLA DRAFTED FOR FINAL APPROVAL	100% site establishment	Tender	Inception	10-Feb-27
55	Vote 8 - Technical Services	8.5 - Roads, Sewerage/Water Drainage: Streets	Upgrade Gravel Roads Ward 7	Planning for surfacing of Gravel Roads for the next MTEF Period	9/110-70277-60992	Internally Generated Funds	7	May-26	Funding linked to future upgrades of gravel roads in Ward 7. PSP's appointed through deviation to expedite progress	60% planning for Future Surfacing of Gravel Roads	Tender	Inception	10-Feb-27
56	Vote 8 - Technical Services	8.5 - Roads, Sewerage/Water Drainage: Streets	Upgrade Gravel Roads Ward 7	Budget Error	9/110-102-102	Borrowings	7	NA	BUDGET ERROR	NA	NA	BUDGET ERROR	NA
57	Vote 8 - Technical Services	8.5 - Roads, Sewerage/Water Drainage: Streets	Surfacing of Gravel Roads in Ward 5	Budget Error	9/110-66-86	National Government Grants	5	NA	BUDGET ERROR	NA	NA	BUDGET ERROR	NA
58	Vote 8 - Technical Services	8.5 - Roads, Sewerage/Water Drainage: Streets	MIG: Surfacing of Gravel Roads: Rheenendal: Ward 5	Surfacing of gravel roads in Rheendedal Ward 5	9/110-50787-360992	National Government Grants	5	Y	Construction expected commence in 2025	75% completed implementation of the project	Tender	CONTRACTOR ON SIN IMPLEMENTING THE PROJECT. PROGRESS AT 75%	01-Oct-25
59	Vote 8 - Technical Services	8.5 - Roads, Sewerage/Water Drainage: Streets	Upgrade of George Rex Drive	Upgrade of George Rex Drive which links the Knysna CBD with industrial areas, and eastern suburbs	9/110-90777-60992	Internally Generated Funds	9	Y	PSP in place, Design & Tender for Phase 1. PSP twice terminated for poor performance.	100% completion of Design and Tender	Tender	PSP IN PROCESS OF BEING TERMINATED DUE TO NO PERFORMANCE	N/A
60	Vote 8 - Technical Services	8.5 - Roads, Sewerage/Water Drainage: Streets	Resealing of streets	Resealing of multiple streets with poor road surface in Knysna Municipality	9/110-210777-360992	Internally Generated Funds	All	May-26	PSP appointed through deviation to expedite project progress	100% completion of Phase1 of the project	Tender	Development of tender for constructions	01-Sep-26
61	Vote 8 - Technical Services	8.5 - Roads, Sewerage/Water Drainage: Streets	MIG: Surfacing of Gravel Roads: Concordia: Ward 4	Surfacing of gravel roads in Concordia War 4	9/110-40787-360992	National Government Grants	4	Y	Tender stages	100% site establishment	Tender	PROJECT ON BEC STAGES	01-Jun-26
62	Vote 8 - Technical Services	8.5 - Roads, Sewerage/Water Drainage: Streets	MIG: Surfacing of Gravel Roads: Dam-Se-Bos: Ward 3	MIG: Surfacing of Gravel Roads Dam-Se-Bos Ward 3	9/110-30787-360992	National Government Grants	3	Y	Tender stages	30% completed implementation of the project	Tender	PROJECT ON BEC STAGES	01-Jun-26
63	Vote 8 - Technical Services	8.5 - Roads, Sewerage/Water Drainage: Streets	MIG: Surfacing of Gravel Roads: Concordia: Ward 7	Surfacing of gravel roads in Rheendedal War 5	9/110-70787-360992	National Government Grants	7	Y	Tender stages	30% completed implementation of the project	Tender	PROJECT ON BEC STAGES	01-Jun-26
64	Vote 8 - Technical Services	8.5 - Roads, Sewerage/Water Drainage: Streets	MIG: Surfacing of Gravel Roads: Sedgefield: Sizamile: Ward 1	Surfacing of gravel roads in Rheendedal War 5	9/110-10787-360992	National Government Grants	1	Y	Tender stages	Project tendered by end June 2026	Tender	TENDER ADVERTISEMENT STAGES	01-Sep-26
65	Vote 8 - Technical Services	8.5 - Roads, Sewerage/Water Drainage: Streets	Public Transport Facilities - Rehabilitation of Roads	Rehabilitation of Concordia Road which links the Knysna CBD and the Knysna Northern Areas	9/110-115-115	National Government Grants	3,4,7,8	Nov-25	Deviation to appoint Geotechnical Engineer to complete the Concordia Road Project	100% completed construction	Tender	Project on Construction, 15% complete	27-Apr-26
66	Vote 8 - Technical Services	8.6 - Sewerage Purification Services	Refurbishment of biodisk in Karatara	Rehabilitation of Sewer Biofilter in Karatara Waste Water Treatment Plant	9/111-20477-360737	Internally Generated Funds	2	NA	Retender to purchse new biodisks	100% supply of refurbished biofilter	Tender	Tender Awarded but contractor incapable. Possible re-advertisement or Deviation	08-Aug-26
67	Vote 8 - Technical Services	8.6 - Sewerage Purification Services	Refurbishment of biodisk in Belvedere	Rehabilitation of Sewer Biofilter in Belvidere Waste Water Treatment Plant	9/111-50477-360737	Internally Generated Funds	5	NA	Retender to purchse new biodisks	100% supply of refurbished biofilter	Tender	Tender Awarded but contractor incapable. New tender on Bid Specification by end June 2026	08-Aug-26
68	Vote 8 - Technical Services	8.7 - Sewerage Reticulation Services	Rehabilitation of the khayalethu sewer project	Re-routing of Khayalethu Sewer Bridge to mitigate sewer spillage challenges	9/112-70477-360737	Internally Generated Funds	7	Y	Project linked to directives to address sewer spillages and environmental pollution	Site Establishement complete	Tender	On BAC Stages for appointment of Main Contractor	01-Aug-26
69	Vote 8 - Technical Services	8.7 - Sewerage Reticulation Services	Refurbishment of Knysna Waste Water Treatment Works	Refurbishment of critical Mechanical Infrastructure at the Main Knysna Waste Water Treatment Plant	9/111-210477-60737	Internally Generated Funds	All	May-26	PSP appointed through deviation to expedite project progress	Final Detail Design submitted by the PSP	Tender	Detail design and Tender	01-Sep-26
70	Vote 8 - Technical Services	8.7 - Sewerage Reticulation Services	Upgrades of Hornlee Agter Street Sewer Pipeline	Re-routing of Hornlee Agter Street Outfall Sewer to mitigate sewer spillage challenges	9/112-90877-60737	Internally Generated Funds	11	May-26	PSP appointed through deviation to expedite project progress	Final Inception Report submitted by the PSP	Tender	Inception	01-Nov-26
71	Vote 8 - Technical Services	8.7 - Sewerage Reticulation Services	Replacement of Pump, Valves and rails	Replacement of critical Mechanical Infrastructure at Sewer Pumpstations	9/112-60-60	Borrowings	All	May-26	On going ad-hoc Pumpstation Infrastructure Purchases	100% completed repalcements	Tender	Inception	01-Sep-26
72	Vote 8 - Technical Services	8.7 - Sewerage Reticulation Services	MCC Replacement	Replacement of Faulty Motor Control Circuit at Water & Sewer Pumpstations	9/112-59-59	Internally Generated Funds	All	May-26	On going ad-hoc Pumpstation Electrical Mortor Control Circuit Purchases	Final Detail Design submitted by the PSP	RFQ	Inception	01-Sep-26
73	Vote 8 - Technical Services	8.7 - Sewerage Reticulation Services	Knysna Windhoewel WWTW	Planning for New Windhoewel Waste Water Treatment Plant	9/112-133-133	Internally Generated Funds	All	Y	PSP in place, project on prefeasibility and implementation readiness	100% completion of EIA, WULA Geotech, Survey , planning, design and tender	Tender	Concept and viability stages	01-Jul-27
74	Vote 8 - Technical Services	8.7 - Sewerage Reticulation Services	Salt River Sewer Pumpstation Upgrade & Outfall Sewers	Upgrade of Salt River Sewer Pumpstation and the relevant outfall sewers	9/112-103477-360737	Internally Generated Funds	10	Y	PSP in place, project on design and tender	100% completion of emergency works	Tender	Design and Tender for Phase 1	11-Oct-26
75	Vote 8 - Technical Services	8.7 - Sewerage Reticulation Services	Sedgefield Bulk Sewer Services Counter-Funding	Upgrade of Sedgefield Sewer Services to cater for future expansion	9/112-20877-360737	Internally Generated Funds	2	Y	Tender for Building and Mechenical Works on pre-BSC stages	100% completion of civil and mechnical works on PS 5 of Sedgefield	Tender	Tender for construction. Draft BOQ and designs submitted for final approval	01-Oct-26

New Number	Directorate	Department	Capital Project Item Description	Project Description	Vote Number	Funding Source	Ward Allocation	CONSULTING ENGINEER IN PLACE(Y/N/NA)	COMMENTS	PROJECTED PROGRESS JUNE 2026	BIDDING METHOD	JUNE 2026 PROGRESS	CONSTURCTION START
76	Vote 8 - Technical Services	8.7 - Sewerage Reticulation Services	Installation of Septic Tanks in Informal Areas		9/112-213277-360737	Internally Generated Funds	All	N/A	To be vired to Intergrated Human Settlements	100% completed planning, design and tender	Tender	Inception	28-Sep-26
77	Vote 8 - Technical Services	8.7 - Sewerage Reticulation Services	Replacement of Sewerage Line: Gordon Street	Repalcement of inert sewer line to mitigate sewer spillages and potential road collapse	9/112-100477-360737	Internally Generated Funds	10	Y	To be vired to CBD Main Sewer Project	100% completed planning, design and tender	Tender	Inception	20-Oct-26
78	Vote 8 - Technical Services	8.4 - Roads, Sewerage/Water Drainage: Stormwater	Upgrade Stormwater Infrastructure	Ad-hoc Stormwater Upgrades within the Knysna Municipal jurisdiction	9/117-19-19	Internally Generated Funds	All	N/A	No PSP needed	100% completed planning, design and tender	RFQ	Inception	On going ad-hoc stormwater structures construction
79	Vote 8 - Technical Services	8.4 - Roads, Sewerage/Water Drainage: Stormwater	Rehabilitation of Hornlee Internal Streets Counter Funding	Rehabilitation of Hornlee surfaced streets to mitigate severe layerworks and seal/surface failures	9/117-60977-361009	Internally Generated Funds	6.11	Y	PSP in place, contractor on site	100% completion of identified streets	Tender	Project on Construction 90% complete	On construction
80	Vote 8 - Technical Services	8.4 - Roads, Sewerage/Water Drainage: Stormwater	Brenton on Lake to Stormwater Management	Upgrade of the Brenton on Lake Stormwater Management System to mitigate localised flooding	9/117-50977-361009	Internally Generated Funds	5	Y	Project linked re-design and implementation of stormwater management measures to curb flooding in Brenton on Lake	Completed Design and Tender	RFQ	Phase 2 construction complete for emergency works	01-Mar-26
81	Vote 8 - Technical Services	8.4 - Roads, Sewerage/Water Drainage: Stormwater	Knysna Heights Retaining Wall	Installation of slope retainment structures in Circular, Lourie Street and Rio Street and in Knysna Heights	9/117-103577-361009	Internally Generated Funds	10	Y	Project linked design and implementation of stormwater management measures to curb flooding in slip failures in Knysna Heights	Completed Design and Tender	Tender	Project on Design and Tender for Phase 1	15-Oct-26
82	Vote 8 - Technical Services	8.10 - Water Reticulation	MIG: Upgrade of Rheenendal bulk Water Supply	Upgrade of Rheenendal Bulk Water Supply, Homtini River Pumpstations, Pumping Mainline, Reservoirs and various falities within the WTW	9/119-53287-360695	National Government Grants	5	Y	Projects linked to upgrade of bulk water supply in Rheenendal to unlock Human Settlements Development Projects	100% completed Phase 1 of Rheenendal Bulk Water Supply	Tender	Constractor on site 60% complete	27-Oct-25
83	Vote 8 - Technical Services	8.10 - Water Reticulation	Upgrade of Rheenendal Bulk Water Supply - Co-Fund	Upgrade of Rheenendal Bulk Water Supply, Homtini River Pumpstations, Pumping Mainline, Reservoirs and various falities within the WTW	9/119-99-99	Internally Generated Funds	5	Y	Projects linked to upgrade of bulk water supply in Rheenendal to unlock Human Settlements Development Projects	100% completed Phase of Rheenendal Bulk Water Supply	Tender	Constractor on site 60% complete	27-Oct-25
84	Vote 8 - Technical Services	8.10 - Water Reticulation	Water services infrastructure Grant	Implementation of Water Conservation and Demand Management Programme to improve water resource management, lower leaks and improve data	9/119-78-78	National Government Grants	All	Y	The funding is linked to Water Conservation and Demand Management	100% completed Phase 2 of Water Conservation and Demand Management Programme	Tender	Project complete by February 2026	Jul-25
85	Vote 8 - Technical Services	8.6 - Sewerage Purification Services	CBD Main Sewer Pumpstation	Upgrade of strategic sewer pipes and manholes within the Knysna CBD	9/112-61-61	Internally Generated Funds	10	Y	Tender for Phase 2. Minor emergency works implemented before December 2025 shutdown	50% completed Phase 2 of CBD Sewer Pumpstation and CBD Sewers	Tender	Design and Tender for Phase 2	01-Sep-26
86	Vote 8 - Technical Services	8.10 - Water Reticulation	Bulk Water Supply - Karatara	Upgrade of Karatara Bulk Water Supply, Karatara River Pumpstations, Pumping Mainline, Reservoirs and various falities within the WTW	9/119-101-101	Internally Generated Funds	2	Y	MIG Application provisionally approved	100% completed Phase 1 emegergency scope of work. 100% completed design and tender	Tender	Design and Tender, Provisional Approval received from DWS	Jan-27
87	Vote 8 - Technical Services	8.10 - Water Reticulation	Upgrade Howard Street Ward 9	Upgrade of Bulk Water Pipeline to mitigate constant pipe bursts	9/110-305-305	Internally Generated Funds	9	May-26	Project linked to upgrade of old and brittle water pipes to alleviate pipe bursts and water losses	100% completed planning, design and tender	Tender	Inception	01-Oct-26
88	Vote 8 - Technical Services	8.7 - Sewerage Reticulation Services	Brenton on Lake to Belvedere Sewer Link	New Sewer Pumpstation and Sewer Pipeline to pump sewer from Brenton on Lake to Brenton on Sea WWTW	9/112-65-65	Internally Generated Funds	5	Y	New Sewer Pumpstation and Sewer Pipeline to pump sewer from Brenton on Lake to Brenton on Sea WWTW	100% completed planning, design and tender	Tender	Redesign of pipe route after ROD suggested different route	14-Oct-26
89	Vote 8 - Technical Services	8.7 - Sewerage Reticulation Services	New Inlets at Sewer Pumpstations	Improvements of Sewer Pumpstation Inlets	9/112-213277-60737	Internally Generated Funds	All	Y	Virement to WWTW Rehabilitation	50% completed investigation	Tender	Inception	01-Sep-26
90	Vote 8 - Technical Services	8.7 - Sewerage Reticulation Services	Bulk Sewer Services Damsebos next to Uniondale Road	Construction of Outfall Sewer Pipeline along Uniondale Road and Reinstatement of Stormwater Drains	9/112-80-80	Internally Generated Funds	3	NA	RFQ used to complete the remaining component of finishing ancillary works for bulk sewer pipeline	100% completed outfall and reinstatement of stormwater drainage	RFQ	Construction	29-Jun-26
91	Vote 8 - Technical Services	8.10 - Water Reticulation	Municipal Water Resilience Grant - WCPA	Re-routing of Khayalethu Sewer Bridge to mitigate sewer spillage challenges	9/118-211877-60703	Provincial Government Grants	All	Y	Funding changed to fund oprimization of Bulk Water Pumpstattions	100% completed construction	Tender	Funding Completed, Akkerkloof PS Completed, others await long lead items, but operationally complete	01-May-26
92	Vote 8 - Technical Services	8.10 - Water Reticulation	Smart Meters Installation	RT29 Revenue Encement Project	9/119-211677-60720	Internally Generated Funds	All	Y	Pilot project underway	100% completed pilot project	Transversal Tender	To commence in July	31-Oct-25
93	Vote 8 - Technical Services	8.10 - Water Reticulation	Re-align Karawater pipeline	Re-alignment of Water Pipeline in Karatara	9/119-82-82	Internally Generated Funds	2	May-26	Re-allignement of pipeline in Karawater and establish municipal servitude	100% completed planning, design and tender	Tender	Inception	01-Oct-26
94	Vote 8 - Technical Services	8.10 - Water Reticulation	Purchase of new 20mm Water Meters	RT29 Revenue Encement Project	9/119-95-95	Borrowings	All	NA	Revised Programme awaited	Total Number of Water Meters supplied and installed	Transversal Tender	Pilot Project completed	N/A
95	Vote 8 - Technical Services	8.10 - Water Reticulation	Old Place Pipe replacement - Melkhoud, Old Toll Road, Camdeboo, Sand piper	Upgrade of Bulk Water Pipeline to mitigate constant pipe bursts	9/119-85-85	Internally Generated Funds	10	May-26	PSP appointed throgh deviation to expedite project progress. Project linked to upgrade of old and brittle water pipes to alleviate pipe bursts and water losses	100% completed planning, design and tender	Tender	Inception	01-Oct-26
96	Vote 8 - Technical Services	8.10 - Water Reticulation	Upgrade of Howard Street Pipeline	Upgrade of Bulk Water Pipeline to mitigate constant pipe bursts	9/119-91677-60635	Internally Generated Funds	9	May-26	PSP appointed throgh deviation to expedite project progress. Project linked to upgrade of old and brittle water pipes to alleviate pipe bursts and water losses	100% completed planning, design and tender	Tender	Inception	01-Oct-26
97	Vote 8 - Technical Services	8.10 - Water Reticulation	Upgrade of Reinecke Street pipeline	Upgrade of Bulk Water Pipeline to mitigate constant pipe bursts	9/119-91777-60635	Internally Generated Funds	6	May-26	PSP appointed throgh deviation to expedite project progress. Project linked to upgrade of old and brittle water pipes to alleviate pipe bursts and water losses	100% completed planning, design and tender	Tender	Inception	01-Oct-26
98	Vote 8 - Technical Services	8.10 - Water Reticulation	Upgrade of Agnar Street Pipeline	Upgrade of Bulk Water Pipeline to mitigate constant pipe bursts	9/119-918077-60635	Internally Generated Funds	6	May-26	PSP appointed throgh deviation to expedite project progress. Project linked to upgrade of old and brittle water pipes to alleviate pipe bursts and water losses	100% completed planning, design and tender	Tender	Inception	01-Oct-26
99	Vote 8 - Technical Services	8.10 - Water Reticulation	Upgrade of Westhill Pipeline	Upgrade of Bulk Water Pipeline to mitigate constant pipe bursts	9/119-1010077-60635	Internally Generated Funds	10	May-26	PSP appointed throgh deviation to expedite project progress. Project linked to upgrade of old and brittle water pipes to alleviate pipe bursts and water losses	100% completed planning, design and tender	Tender	Inception	01-Oct-26
100	Vote 8 - Technical Services	8.10 - Water Reticulation	Upgrade of Sandpiper Street Pipeline	Upgrade of Bulk Water Pipeline to mitigate constant pipe bursts	9/119-91877-60635	Internally Generated Funds	9	May-26	PSP appointed throgh deviation to expedite project progress. Project linked to upgrade of old and brittle water pipes to alleviate pipe bursts and water losses	100% completed planning, design and tender	Tender	Inception	01-Oct-26

Consultant Recently Appointed

Consultant already in place from previous panels

Consultant not Applicable

5.5

IS05/08/26 **STATUS QUO REPORT ON WATER SUPPLIES FOR THE GREATER KNYSNA APRIL TO JUNE 2026**

REPORT FROM THE DIRECTOR INFRASTRUCTURE SERVICES

PURPOSE OF THE REPORT

To report to Council on the Status Quo Report on water supplies for the Greater Knysna Area.

PREVIOUS RESOLUTIONS

N/A

BACKGROUND

The Greater Knysna water supply system continued to rely on a combination of surface water, groundwater, and spring water sources during the period April to June 2026. Water abstraction and treatment operations remained stable, with continuous monitoring undertaken to ensure compliance with drinking water quality standards in accordance with SANS 241:2015 and the requirements of the Department of Water and Sanitation (DWS).

DISCUSSION

The municipality's primary water sources comprised:

Throughout the reporting period, all water sources remained operational and capable of meeting consumer demand. Routine operational monitoring, process control, and compliance sampling were conducted to verify water quality and treatment performance. Borehole water quality remained within acceptable operational limits, while blending and operational controls continued to be implemented where necessary to optimise treated water quality.

No significant interruptions to potable water production were experienced during the reporting period. The municipality continued to implement preventative maintenance, routine source monitoring, and operational optimisation measures to safeguard water security and maintain compliance with statutory drinking water quality requirements.

Water Supply Status (February – April 2026)

Improvement in Supply Stability

By June 2026:

The municipality reported measurable progress in stabilising supply.

- Akkerkloof Dam ~ 34%,
- Karatara Dam: ~93%

- Rheenendal Dam: ~92%
- Glebe Dam: ~ 100%

3.2 System Performance

- Reservoir levels became relatively stable across the system.
- The Sedgefield Water Treatment Works remained fully operational.
- Augmentation sources (boreholes) significantly supported supply continuity.

3.3 Ongoing Risks

Despite improvements:

- River flows remained minimal in some catchments.
- The system remained fragile and vulnerable to demand spikes.

4. Current Status

- The system has transitioned from crisis to cautious stabilisation.
- Water supply is generally maintained
- Continued demand management
- Augmentation sources (groundwater)
- Level 4 restrictions remain in place to protect available resources.

5. Key Challenges

- High dependency on a single major storage dam (Akkerkloof)
- Infrastructure losses (leaks, ageing systems)
- Consumer behaviour and water demand

6. Conclusions

The period from April to June 2026 reflects a significant recovery trajectory for Knysna's water supply system:

The municipality's rapid response, augmentation projects, and demand management strategies have been effective in preventing system collapse.

7. Recommendations

- Maintain and enforce Level 4 water restrictions
- Accelerate long-term augmentation (groundwater, reuse, diversification)
- Continue leak detection and infrastructure upgrades
- Strengthen public awareness and water conservation behavior.
- Develop climate-resilient water resource planning

FINANCIAL IMPLICATIONS

Unable to quantify at this stage.

RELEVANT LEGISLATION

National Health Act, No.61 of 2003
National Environmental Management Act, No.107 of 1998
Water Act, No.36 of 1998
Constitution, Republic of South Africa, No. 108 of 1996
Occupational Health and Safety Act
Basic Conditions of Employment Act
Municipal Finance Management Act

RECOMMENDATION OF THE ACTING MUNICIPAL MANAGER

That Council note the contents of the report.

APPENDIX / ADDENDUM

Annexure A: Status Quo Reports April 2026 until June 2026

File Number:	9/1/2/1
Execution:	Manager Water & Sewer

STATUS QUO REPORT ON WATER SUPPLIES FOR THE GREATER KNYSNA	
APRIL 2026	
SEDGEFIELD	
a) Desalination Plant	: Plant not operational and in preservation mode (Derelict state)
b) Boreholes	: All boreholes operational
c) Water Treatment Works	: Fully operational
d) Weir in river	: Gates Closed
e) Karatara River	: Low Flow
f) Swartvlei	: Mouth open
g) Rainfall	: 90mm
h) Average Water Production	: 2,44ML/day
BUFFALO BAY	
a) Goukamma River	: Low Flow
b) The Goukamma River mouth	: Open
c) Water Works Plant	: Operational
d) Rainfall	: 75mm
e) Average Water Production	: 85KL/day
KARATARA	
a) Dam	: 100% (40 Ml capacity)
b) Karatara River	: Low Flow
c) Rainfall	: 63 mm
d) Average Water Production	: 0,15 ML/day
RHEENENDAL	
a) Dam	: 90% (1Ml capacity) raw water balancing storage is only designed to simplify dozing of chemicals
b) Homtini River	: Low Flow
c) Rainfall	: 82mm
d) Average Water Production	: 0,31 ML/day
KNYSNA	
a) Reverse Osmosis Plant	: Not Operational and in preservation mode, the membranes were purchased in 2020 but are now beyon
b) Boreholes	: Boreholes are not operational, due to vandalism and high iron content.
c) Knysna River	: Normal Low flow, Pumping. 1 pump operational. (The Environmental water release(EWR) level, is measured on a daily basis)
d) Gouna River	: 23 L/s
e) Akkerkloof Dam	: ± 26 % (860 Ml capacity)
f) Glebe Dam	: ± % (pumping)
g) Rainfall	: 55 mm
h) Average Water Production	: 12,23 ML/day

MAY 2026	
SEDGEFIELD	
a) Desalination Plant	: Plant not operational and in preservation mode (Derelict state)
b) Boreholes	: All boreholes operational
c) Water Treatment Works	: Fully operational
d) Weir in river	: Gates Closed
e) Karatara River	: Normal Flow
f) Swartvlei	: Mouth open
g) Rainfall	: 123,5mm
h) Average Water Production	: 1,73ML/day (POWER OUTAGE BETWEEN 12-15 MAY)
BUFFALO BAY	
a) Goukamma River	: High Flow
b) The Goukamma River mouth	: Open
c) Water Works Plant	: Operational
d) Rainfall	: 264mm
e) Average Water Production	: 42KL/day
KARATARA	
a) Dam	: % 95(40 Ml capacity)
b) Karatara River	: High Flow
c) Rainfall	: 68mm
d) Average Water Production	: 0,14ML/day
RHEENENDAL	
a) Dam	: 95% (1Ml capacity) raw water balancing storage is only designed to simplify dozing of chemicals
b) Homtini River	: High Flow
c) Rainfall	: 381mm
d) Average Water Production	: 0,33ML/day
KNYSNA	
a) Reverse Osmosis Plant	: Not Operational and in preservation mode, the membranes were purchased in 2020 but are now beyon
b) Boreholes	: Boreholes are not operational, due to vandalism and high iron content.
c) Knysna River	: High flow, Pumping. 1 pump operational. (The Environmental water release(EWR) level, is measured on a daily basis)
d) Gouna River	: 23 L/s
e) Akkerkloof Dam	: ± 21% (860 Ml capacity)
f) Glebe Dam	: ± % (pumping)
g) Rainfall	: 210mm
h) Average Water Production	: 11,25ML/day

STATUS QUO REPORT ON WATER SUPPLIES FOR THE GREATER KNYSNA	
JUNE 2026	
SEDGEFIELD	
a) Desalination Plant	: Plant not operational and in preservation mode (Derelict state)
b) Boreholes	: All boreholes operational
c) Water Treatment Works	: Fully operational
d) Weir in river	: Gates Closed
e) Karatara River	: High Flow
f) Swartvlei	: Mouth open
g) Rainfall	: 141mm
h) Average Water Production	: 2,10ML/day
BUFFALO BAY	
a) Goukamma River	: High Flow
b) The Goukamma River mouth	: Open
c) Water Works Plant	: Operational
d) Rainfall	: 100 mm
e) Average Water Production	: 85 KL/day
KARATARA	
a) Dam	: 93% (40 Ml capacity)
b) Karatara River	:High Flow
c) Rainfall	: 142 mm
d) Average Water Production	: 0,14 ML/day
RHEENENDAL	
a) Dam	: 92 % (1Ml capacity) raw water balancing storage is only designed to simplify dozing of chemicals
b) Homtini River	: Low Flow
c) Rainfall	: 185 mm
d) Average Water Production	: 0,35 ML/day
KNYSNA	
a) Reverse Osmosis Plant	: Not Operational and in preservation mode, the membranes were purchased in 2020 but are now beyon
b) Boreholes	: Boreholes are not operational, due to vandalism and high iron content.
c) Knysna River	: Very Low flow, Pumping. 1 pump operational. (The Environmental water release(EWR) level, is measured on a daily basis)
d) Gouna River	: 23 L/s
e) Akkerkloof Dam	: ± 34 % (860 Ml capacity)
f) Glebe Dam	: ± 100 % (pumping)
g) Rainfall	: 149 mm
h) Average Water Production	: 12,27 ML/day

5.6

IS06/08/26 WATER AND SEWER QUALITY REPORT – APRIL TO JUNE 2026

REPORT FROM THE DIRECTOR INFRASTRUCTURE SERVICES

PURPOSE OF THE REPORT

To report to Council on the implementation of the Water and Wastewater Services Operational Budget 2025/2026 (April to June 2026)

PREVIOUS RESOLUTIONS

N/A

BACKGROUND

The potable water quality monthly average compliance rate for June 2026, measured against drinking water quality parameters including microbiological, physical, and chemical indicators, was determined to be **96.13%,** with the Belvedere and Brenton Boreholes included in the assessment. **(See attached Annexure A.)**

The Greater Knysna wastewater treatment plants have shown a measurable improvement in effluent quality compliance; however, overall performance remains below the acceptable standard for several key physical and chemical parameters. These include Chemical Oxygen Demand (COD), Ammonia, Nitrates, and Total Suspended Solids (TSS).

The overall compliance for these parameters increased from **75% in March 2026 to 90% in June 2026**. Notwithstanding this improvement, some wastewater treatment plants continue to record lower compliance levels, highlighting the need for ongoing operational interventions to achieve sustained regulatory compliance. (See Annexure B.)

ANNEXURE A: GREATER KNYSNA DRINKING WATER QUALITY RESULTS JULY 2025 – JUNE 2026.

ANALYSIS OF WATER TREATMENT 2025/2026																												
BELVIDERE COMBINED BOREHOLES			(complaince Class 1= 1 : Class 2 = 0.5)																									
Parameter	Class 1	Class 2	Jul-25	OK	Aug-25	OK	Sep-25	OK	Oct-25	OK	Nov-25	OK	Dec-25	OK	Jan-26	OK	Feb-26	OK	Mar-26	OK	Apr-26	OK	May-26	OK	Jun-26	OK	% TOTAL COMPLIANCE	current month compliance
pH	5.5-9.7	4.0-10.0	6,46	1	6,2	1			6,54	1	6,9	1	6,8	1	7,0	1	7,1	1	6,65	1	6,7	1	7,3	1	7,2	1	100,00%	100,00%
E Conductivity	<170mS/m	170-370	76,4	1	85,3	1			77,5	1	77,8	1	83,3	1	83,4	1	74,3	1	73,7	1	57,1	1	63,2	1	57,1	1	100,00%	100,00%
Turbidity	<1 NTU	1-5 NTU	168	0	0,45	1			1,9	0,5	0,36	1	0,2	1	0,3	1	0,79	1	0,79	1,0	2,7	1	5,1	0	0,38	1	72,73%	100,00%
Colour	<15 mg/l	15-50	4	1	4	1			5	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	6	1	100,00%	100,00%
Calcium	<150 mg/l	150-300	19,8	1	21	1			25,0	1	26,2	1	20,2	1	19,2	1	18,7	1	17,5	1	21,7	1	24	1	23,2	1	100,00%	100,00%
Magnesium	<70 mg/l	70-100	10,3	1	11,4	1			11,4	1	12,1	1	12,3	1	11,1	1	10,4	1	8,6	1	7	1	9,2	1	8,9	1	100,00%	100,00%
Chloride	<300 mg/l	300-500l	155	1	170	1			174	1	169	1	178	1	174	1	173	1	159	1	140	1	157	1	127	1	100,00%	100,00%
Fluoride	<1.0 mg/l	1.0-1.5	0,5	1	0,5	1			0,5	1	0,99	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	100,00%	100,00%
Sodium	<200 mg/l	200-400	97,3	1	116	1			104	1	113	1	116	1	107	1	102	1	92,3	1	85,6	1	88,5	1	93,8	1	100,00%	100,00%
Potassium	<50 mg/l	50-100	1,5	1	1,3	1			1,9	1	2	1	1,4	1	1,1	1	1,1	1	1,2	1	1	1	1,2	1	1,2	1	100,00%	100,00%
Zinc	<5.0 mg/l	5.0-10.0	0,24	1	0,01	1			0,04	1	0,01	1	0,03	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	100,00%	100,00%
Ammonia	<1.0 mg/l	1.0-2.0	0,2	1	0,1	1			0,1	1	0,1	1	0,1	1	0,1	1	0,26	1	0,1	1	0,1	1	0,1	1	0,1	1	100,00%	100,00%
Nitrate/Nitrate	<11 mg/l	11-20	2,2	1	3,7	1			2,7	1	4,9	1	4	1	3,8	1	3,2	1	1,7	1	0,55	1	3,1	1	2,6	1	100,00%	100,00%
Sulphate	<250 mg/l	250-500	32,5	1	37,2	1			28,8	1	29,9	1	43,6	1	35,7	1	35,4	1	28,4	1	13,7	1	27,9	1	29,2	1	100,00%	100,00%
TDS	<1200 mg/l	1200-2400	500	1	560	1			508	1	510	1	552	1	558	1	502	1	496	1	370	1	422	1	380	1	100,00%	100,00%
Iron	<300 ug/l	300-2000	6019	0	79	1			209	1	40	1	20	1	23	1	90	1,0	25	1	37	1	20	1	20	1	90,91%	100,00%
Manganese	<100 ug/l	100-1000	743	0,5	20	1			20	1	20	1	20	1	20	1	20	1	20	1	20	1	20	1	20	1	95,45%	100,00%
Aluminium	<300 ug/l	300-500	40	1	40	1			40	1	40	1	40	1	40	1	40	1	40	1	40	1	40	1	40	1	100,00%	100,00%
																			Chemical compliance =								97,73%	100,00%
E.coli	NIL /100ml		1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100,00%	100,00%
Total Coliform	<10/ml		1	1	1	1			1	1	488	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	90,91%	100,00%
H Plate Count	<1000/ml		1	1	1	1			1	1	220	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100,00%	100,00%
																			Bacteriological compliance =								96,97%	100,00%
Comments																												
No samples for Sept 2025													**BELVIDERE BOREHOLES Total compliance Class 1 SANS 241 =**														**97,62%**	**100,00%**

ANALYSIS OF WATER TREATMENT 2025/2026

BUFFALO BAY WTW — (complaince Class 1= 1 : Class 2 = 0.5)

Parameter	Class 1	Class 2	Jul-25	OK	Aug-25	OK	Sep-25	OK	Oct-25	OK	Nov-25	OK	Dec-25	OK	Jan-26	OK	Feb-26	OK	Mar-26	OK	Apr-26	OK	May-26	OK	Jun-26	OK	% TOTAL COMPLIANCE	current month compliance
pH	5.5-9.7	4.0-10.0	7,1	1	6,9	1	6,5	1	7,4	1	9,3	1	9,4	1	8,00	1	9,00	1	7,70	1	5,7	1			9,20	1	100,00%	100,00%
E Conductivity	<170mS/m	170-370	28,1	1	39,3	1	39,1	1	310	0,5	76,3	1	57,1	1	179	1	38,0	1	551	0	55,1	1			34,7	1	86,36%	100,00%
Turbidity	<1 NTU	1-5 NTU	1,1	0,5	1,9	0,5	0,48	1	0,77	1	0,52	1	0,77	1	0,62	1	0,55	1	1,1	0,5	0,85	1			0,9	1	86,36%	100,00%
Colour	<15 mg/l	15-50	4	1	4	1	4	1	4	1	4	1	6	1	9	1	11	1	7	1	6	1			4	1	100,00%	100,00%
Calcium	<150 mg/l	150-300	7,9	1	12,3	1	10,1	1	37,5	1	9	1	7,5	1	16,0	1	7,4	1	37,2	1	8,1	1			7,9	1	100,00%	100,00%
Magnesium	<70 mg/l	70-100	4,1	1	5,3	1	5,4	1	57,3	1	12,6	1	7,9	1	28,3	1	5,2	1	93,5	0,5	9,3	1			6,0	1	95,45%	100,00%
Chloride	<300 mg/l	300-500l	66,8	1	90,9	1	81,8	1	917	0	198	1	146	1	450	0,5	89,1	1	1552	0	165	1			53,2	1	77,27%	100,00%
Fluoride	<1.0 mg/l	1.0-1.5	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1			0,50	1	100,00%	100,00%
Sodium	<200 mg/l	200-400	30,8	1	48,3	1	50,1	1	564	0	120	1	85,5	1	239	0,5	53,9	1	968	0	85,1	1			53,2	1	77,27%	100,00%
Potassium	<50 mg/l	50-100	1,0	1	1,4	1	1	1	18,8	1	4,4	1	2,8	1	8,9	1	1,8	1	30,5	1	2,8	1			2,5	1	100,00%	100,00%
Zinc	<5.0 mg/l	5.0-10.0	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1			0,01	1	100,00%	100,00%
Ammonia	<1.0 mg/l	1.0-2.0	0,1	1	0,1	1	0,15	1	0,1	1	0,1	1	0,1	1	0,3	1	0,1	1	0,22	1	0,1	1			0,1	1	100,00%	100,00%
Nitrate/Nitrate	<11 mg/l	11-20	0,2	1	0,2	1	0,44	1	0,37	1	0,24	1	0,29	1	0,2	1	0,2	1	0,2	1	0,66	1			0,63	1	100,00%	100,00%
Sulphate	<250 mg/l	250-500	8,5	1	12,6	1	10,2	1	115	1	27,9	1	16,5	1	52,9	1	10,8	1	197	1	18,2	1			14,2	1	100,00%	100,00%
TDS	<1200 mg/l	1200-2400	190	1	260	1	262	1	2030	0,5	500	1	340	1	1198	0	254	1	3650	0	360	1			222	1	77,27%	100,00%
Iron	<300 ug/l	300-2000	71	1	215	1	108	1	136	1	66	1	113	1	90	1	82	1	96	1	1	1			148	1	100,00%	100,00%
Manganese	<100 ug/l	100-1000	20	1	20	1	20	1	20	1	20	1	20	1	20	1	20	1	49	1	1	1			20	1	100,00%	100,00%
Aluminium	<300 ug/l	300-500	429	0,5	809	0	334	0,5	442	0,5	583	0	923	0	472	0,5	674	0	669	0	390	0,5			532	0	22,73%	0,00%
																							Plant Off due to heavy storm and flooding					
																			Chemical compliance =						90,15%	94,44%
E.coli	NIL /100ml		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1	100,00%	100,00%
Total Coliform	<10/ml		1	1	2	1	1	1	1	1	1	1	1	1	10	0	1	1	3	1	1	1			1	1	90,91%	100,00%
H Plate Count	<1000/ml		1	1	1	1	1	1	250	1	1	1	1	1	10	1	140	1	3	1	2	1			1	1	100,00%	100,00%
																			Bacteriological compliance =						96,97%	100,00%

Comments

BUFFALO BAY WTW Total compliance Class 1 SANS 241 = 91,13% 95,24%

ANALYSIS OF WATER TREATMENT 2024/2025

BRENTON BOREHOLES — (complaince Class 1= 1 : Class 2 = 0.5)

Parameter	Class 1	Class 2	Jul-24	OK	Aug-24	OK	Sep-24	OK	Oct-24	OK	Nov-24	OK	Dec-24	OK	Jan-25	OK	Feb-25	OK	Mar-25	OK	Apr-25	OK	May-25	OK	Jun-25	OK	% TOTAL COMPLIANCE	current month compliance
pH	5.5-9.7	4.0-10.0													6,9	1	7,74	1	7,49	1					6,7	1	100,00%	100,00%
E Conductivity	<170mS/m	170-370													153	1	142	1	152	1					118	1	100,00%	100,00%
Turbidity	<1 NTU	1-5 NTU													0,19	1	0,41	1	0,4	1					0,24	1	100,00%	100,00%
Colour	<15 mg/l	15-50													4	1	4	1	4	1					4	1	100,00%	100,00%
Calcium	<150 mg/l	150-300													74,1	1	73	1	69	1					76,7	1	100,00%	100,00%
Magnesium	<70 mg/l	70-100													18,2	1	17,7	1	17	1					18,5	1	100,00%	100,00%
Chloride	<300 mg/l	300-500l													336	0,5	331	0,5	331	0,5					273	1	62,50%	100,00%
Fluoride	<1.0 mg/l	1.0-1.5													0,5	1	0,5	1	0,5	1					0,5	1	100,00%	100,00%
Sodium	<200 mg/l	200-400													171	1	165	1	159	1					177	1	100,00%	100,00%
Potassium	<50 mg/l	50-100													2,1	1	2,2	1	2,2	1					2,2	1	100,00%	100,00%
Zinc	<5.0 mg/l	5.0-10.0													0,01	1	0,01	1	0,01	1					0,01	1	100,00%	100,00%
Ammonia	<1.0 mg/l	1.0-2.0													0,1	1	0,1	1	0,1	1					0,1	1	100,00%	100,00%
Nitrate/Nitrate	<11 mg/l	11-20													2,3	1	2,0	1	2,0	1					1,6	1	100,00%	100,00%
Sulphate	<250 mg/l	250-500													37,3	1	41,1	1	39,5	1					45,6	1	100,00%	100,00%
TDS	<1200 mg/l	1200-2400													1028	1	944	1	1010	1					788	1	100,00%	100,00%
Iron	<300 ug/l	300-2000													20	1	20	1,0	20	1					20	1	100,00%	100,00%
Manganese	<100 ug/l	100-1000													20	1	20	1	20	1					20	1	100,00%	100,00%
Aluminium	<300 ug/l	300-500													40	1	40	1	40	1					40	1	100,00%	100,00%
																			Chemical compliance =						97,92%	100,00%
E.coli	NIL /100ml														1	1	1	1	1	1					1	1	100,00%	100,00%
Total Coliform	<10/ml														1	1	1	1	1	1					1	1	100,00%	100,00%
H Plate Count	<1000/ml														1	1	1	1	1	1					1	1	100,00%	100,00%
																			Bacteriological compliance =						100,00%	100,00%

Comments

July - December 2025, No sample taken, Borehole unservicable
April - May 2026 Unserviceable pipe burst

BRENTON BOREHOLES Total compliance Class 1 SANS 241 = 98,21% 100,00%

ANALYSIS OF WATER TREATMENT 2025/2026

RHEENENDAL WTW — (complaince Class 1= 1 : Class 2 = 0.5)

Parameter	Class 1	Class 2	Jul-25	OK	Aug-25	OK	Sep-25	OK	Oct-25	OK	Nov-25	OK	Dec-25	OK	Jan-26	OK	Feb-26	OK	Mar-26	OK	Apr-26	OK	May-26	OK	Jun-26	OK	% TOTAL COMPLIANCE	current month compliance
pH	5.5-9.7	4.0-10.0	8,9	1	9,1	1	8,6	1	9,2	1	9,3	1	7,50	1	8,2	1	7,4	1	9,3	1	5,8	1	9,2	0	6,7	1	91,67%	100,00%
E Conductivity	<170mS/m	170-370	28,2	1	26,5	1	23,0	1	23,3	1	27,0	1	15,7	1	23,7	1	21,1	1	24,5	1	22,8	1	23,7	1	18,4	1	100,00%	100,00%
Turbidity	<1 NTU	1-5 NTU	0,79	1	0,57	1	0,23	1	0,39	1	0,67	1,0	0,91	1	0,71	1	1,5	0,5	1,2	0,5	1	1	0,93	1	3,6	0,5	87,50%	50,00%
Colour	<15 mg/l	15-50	4	1	4	1	5	1	4	1	7	1	6	1	4	1	4	1	4	1	8	1	14	1	14	1	100,00%	100,00%
Calcium	<150 mg/l	150-300	3,1	1	5,2	1	3,5	1	3,7	1	5,9	1	4,1	1	5,8	1	3,7	1	3,6	1	5,5	1	4,4	1	3,9	1	100,00%	100,00%
Magnesium	<70 mg/l	70-100	2,4	1	2,8	1	2,9	1	2,5	1	2,3	1	2	1	2,5	1	2,2	1	2,3	1	2,2	1	1,9	1	1,7	1	100,00%	100,00%
Chloride	<300 mg/l	300-500l	50,2	1	51,6	1	48,9	1	47,8	1	53,0	1	42,1	1	53	1	55,3	1	49,7	1	51,3	1	38,2	1	44	1	100,00%	100,00%
Fluoride	<1.0 mg/l	1.0-1.5	0,5	1	0,5	1	0,5	1	0,5	1	0,57	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	100,00%	100,00%
Sodium	<200 mg/l	200-400	43,8	1	41,2	1	31,8	1	37,7	1	44,4	1	19,5	1	30,5	1	33,0	1	32,5	1	45,6	1	35,7	1	27,6	1	100,00%	100,00%
Potassium	<50 mg/l	50-100	1	1,0	1,0	1	1,0	1	1,1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100,00%	100,00%
Zinc	<5.0 mg/l	5.0-10.0	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	100,00%	100,00%
Ammonia	<1.0 mg/l	1.0-2.0	0,1	1	0,1	1	0,27	1	0,1	1	0,1	1	0,1	1	0,13	1	0,1	1	0,11	1	0,1	1	0,1	1	0,1	1	100,00%	100,00%
Nitrate/Nitrate	<11 mg/l	11-20	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,23	1	0,2	1	0,2	1	100,00%	100,00%
Sulphate	<250 mg/l	250-500	5,9	1	5,6	1	6,8	1	5,6	1	4	1	2	1	4,7	1	3,4	1	2,0	1	3,8	1	3,8	1	5,9	1	100,00%	100,00%
TDS	<1200 mg/l	1200-2400	190	1	174	1	154	1	148	1	182	1	108	1	154	1	144	1	160	1	150	1	162	1	122	1	100,00%	100,00%
Iron	<300 ug/l	300-2000	27	1	20	1	20	1	21	1	68	1	47	1	34	1	92	1	135	1	283	1	63	1	149	1	100,00%	100,00%
Manganese	<100 ug/l	100-1000	31	1	25	1	21	1	24	1	31	1	48	1	36	1	44	1	49	1	31	1	37	1	20	1	100,00%	100,00%
Aluminium	<300 ug/l	300-500	438	0,5	184	1	70	1	176	1	1345	0	473	0,5	402	0,5	1122	0	1457	0	1120	0	680	0	2416	0	37,50%	0,00%
																			Chemical compliance =								95,37%	91,67%
E.coli	NIL /100ml		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100,00%	100,00%
Total Coliform	<10/ml		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100,00%	100,00%
H Plate Count	<1000/ml		1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	3	1	1	1	1	1	100,00%	100,00%
																			Bacteriological compliance =								100,00%	100,00%

Comments

RHEENENDAL WTW Total compliance Class 1 SANS 241 = 96,03% 92,86%

ANALYSIS OF WATER TREATMENT 2025/2026

SEDGEFIELD WTW — (complaince Class 1= 1 : Class 2 = 0.5)

Parameter	Class 1	Class 2	Jul-25	OK	Aug-25	OK	Sep-25	OK	Oct-25	OK	Nov-25	OK	Dec-25	OK	Jan-26	OK	Feb-26	OK	Mar-26	OK	Apr-26	OK	May-26	OK	Jun-26	OK	% TOTAL COMPLIANCE	current month compliance
pH	5.5-9.7	4.0-10.0	6,9	1	7,7	1	8,3	1	8,8	1	8,9	1	9,3	1	9,3	1	9,2	1	6,60	1	8,5	1	7,20	1	8,10	1	100,00%	100,00%
E Conductivity	<170mS/m	170-370	37,2	1	53,3	1	59,9	1	543	0	103	1	69,1	1	108	1	43,8	1	24,5	1	57,4	1	38,1	1	45,6	1	91,67%	100,00%
Turbidity	<1 NTU	1-5 NTU	0,52	1	0,67	1	0,34	1	0,63	1	0,76	1	0,83	1	0,50	1	6,6	0	1,70	0,5	2,6	1	1,30	0,5	0,53	1	83,33%	100,00%
Colour	<15 mg/l	15-50	4	1	4	1	4	1	6	1	4	1	12	1	4	1	4	1	4	1	11	1	5	1	4	1	100,00%	100,00%
Calcium	<150 mg/l	150-300	5,9	1	14,7	1	8,4	1	35,9	1	12,9	1	11,7	1	16,9	1	9,5	1	7,5	1	14,8	1	24	1	12,8	1	100,00%	100,00%
Magnesium	<70 mg/l	70-100	13,5	1	5,3	1	5,8	1	93,8	1	15,2	1	8,2	1	11,9	1	3,1	1	3,0	1	8,3	1	5,1	1	5,6	1	100,00%	100,00%
Chloride	<300 mg/l	300-500l	80,7	1	109	1	111	1	1551	0	259	1	172	1	245	1	82,3	1	71,0	1	158	1	92	1	117	1	91,67%	100,00%
Fluoride	<1.0 mg/l	1.0-1.5	0,5	1	0,5	1	0,5	1	0,75	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	100,00%	100,00%
Sodium	<200 mg/l	200-400	55,4	1	78,3	1	90,1	1	998	0	167	1	104	1	152	1	71,3	1	30,7	1	89,1	1	51,7	1	82,2	1	91,67%	100,00%
Potassium	<50 mg/l	50-100	1	1	1,1	1	1	1	29,8	1	5,1	1	3,3	1	4	1	1,0	1	1	1	3,1	1	2,3	1	1,6	1	100,00%	100,00%
Zinc	<5.0 mg/l	5.0-10.0	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,02	1	0,01	1	100,00%	100,00%
Ammonia	<1.0 mg/l	1.0-2.0	0,1	1	0,1	1	0,1	1	0,1	1	0,1	1	0,1	1	1,19	1	0,1	1	0,15	1	0,1	1	0,1	1	0,1	1	100,00%	100,00%
Nitrate/Nitrate	<11 mg/l	11-20	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,22	1	0,2	1	100,00%	100,00%
Sulphate	<250 mg/l	250-500	5,8	1	9,5	1	10	1	179	1	34,1	1	14,2	1	16,4	1	5,7	1	2,0	1	30,2	1	10,7	1	8,3	1	100,00%	100,00%
TDS	<1200 mg/l	1200-2400	246	1	348	1	402	1	3450	0	688	1	460	1	710	1	290	1	162	1	378	1	254	1	300	1	91,67%	100,00%
Iron	<300 ug/l	300-2000	21	1	49	1	28	1	64	1	220	1	514	0,5	137	1	436	0,5	669	0,5	114	1	155	1	89	1	87,50%	100,00%
Manganese	<100 ug/l	100-1000	20	1	20	1	20	1	33	1	101	0,5	51	1	46	1	83	1	52	1	44	1	29	1	32	1	95,83%	100,00%
Aluminium	<300 ug/l	300-500	168	1	545	0	192	1	913	0	352	0,5	244	1	215	1	728	0	522	0	1314	0	469	0,5	252	1	50,00%	100,00%
																			Chemical compliance =								93,52%	100,00%
E.coli	NIL /100ml		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100,00%	100,00%
Total Coliform	<10/ml		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100,00%	100,00%
H Plate Count	<1000/ml		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	100,00%	100,00%
																			Bacteriological comp po								100,00%	100,00%
Comments																												
															SEDGEFIELD WTW Total compliance Class 1 SANS 241 =									**94,44%**	**100,00%**

ANALYSIS OF WATER TREATMENT 2025/2026

KARATARA WTW — (complaince Class 1= 1 : Class 2 = 0.5)

Parameter	Class 1	Class 2	Jul-25	OK	Aug-25	OK	Sep-25	OK	Oct-25	OK	Nov-25	OK	Dec-25	OK	Jan-26	OK	Feb-26	OK	Mar-26	OK	Apr-26	OK	May-26	OK	Jun-26	OK	% TOTAL COMPLIANCE	current month compliance
pH	5.5-9.7	4.0-10.0	8,8	1	8,8	1	9,2	1	9,0	1	9,2	1	9,00	1	9,00	1	8,8	1	9,3	1	9,10	1	8,8	1	7,8	1	100,00%	100,00%
E Conductivity	<170mS/m	170-370	33,2	1	33,7	1	34,3	1	33,6	1	33,6	1	34,7	1	36,1	1	32,0	1	36,2	1	26,4	1	24,4	1	26,8	1	100,00%	100,00%
Turbidity	<1 NTU	1-5 NTU	0,9	1	0,32	1	0,5	1	0,5	1	1,3	1	0,55	1	0,31	1	0,49	1	0,85	1,0	0,42	1	0,28	1	0,41	1	100,00%	100,00%
Colour	<15 mg/l	15-50	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	6	1	100,00%	100,00%
Calcium	<150 mg/l	150-300	44,5	1	42,5	1	41,8	1	40,3	1	40,1	1	42,7	1	42,6	1	53,0	1	41,1	1	39	1	34,2	1	35,9	1	100,00%	100,00%
Magnesium	<70 mg/l	70-100	1,9	1	2,1	1	2,2	1	2,2	1	2,4	1	2,4	1	2,3	1	2,3	1	2,0	1	2,1	1	1,8	1	1,5	1	100,00%	100,00%
Chloride	<300 mg/l	300-500l	25,2	1	28,6	1	28,5	1	34,9	1	35,4	1	40,3	1	34,2	1	22,9	1	31,8	1	32,3	1	27,7	1	25,1	1	100,00%	100,00%
Fluoride	<1.0 mg/l	1.0-1.5	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,53	1	0,5	1	0,5	1	0,5	1	100,00%	100,00%
Sodium	<200 mg/l	200-400	12,9	1	15,1	1	15,7	1	17,1	1	18,1	1	17,5	1	16,3	1	15,8	1	14,2	1	15,8	1	12,7	1	11,6	1	100,00%	100,00%
Potassium	<50 mg/l	50-100	1	1	1	1	1	1	1,1	1	1	1	1	1	1	1	1,9	1	1	1	1	1	1	1	1,3	1	100,00%	100,00%
Zinc	<5.0 mg/l	5.0-10.0	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	100,00%	100,00%
Ammonia	<1.0 mg/l	1.0-2.0	0,1	1	0,1	1	0,1	1	0,1	1	0,1	1	0,1	1	0,1	1	0,1	1	0,1	1	0,1	1	0,1	1	0,1	1	100,00%	100,00%
Nitrate/Nitrate	<11 mg/l	11-20	0,39	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	100,00%	100,00%
Sulphate	<250 mg/l	250-500	99,4	1	79	1	79,9	1	84,1	1	79,1	1	67,8	1	64,1	1	90,3	1	79,4	1	57,5	1	58,5	1	69	1	100,00%	100,00%
TDS	<1200 mg/l	1200-2400	220	1	222	1	228	1	222	1	220	1	232	1	242	1	208	1	244	1	170	1	162	1	170	1	100,00%	100,00%
Iron	<300 ug/l	300-2000	20	1	20	1	20	1	20	1	253	1	20	1	20	1	27	1	20	1	20	1	36	1	26	1	100,00%	100,00%
Manganese	<100 ug/l	100-1000	20	1	20	1	20	1	20	1	20	1	20	1	31	1	20	1	20	1	20	1	20	1	20	1	100,00%	100,00%
Aluminium	<300 ug/l	300-500	230	1	329	0,5	300	0,5	183	1	330	0,5	261	1	196	1	631	0	337	0,5	287	1	226	1	1083	0	66,67%	0,00%
																											98,15%	94,44%
E.coli	NIL /100ml		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100,00%	100,00%
Total Coliform	<10/ml		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100,00%	100,00%
H Plate Count	<1000/ml		1	1	10	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	3	1	1	1	1	1	100,00%	100,00%
																			Bacteriological compliance =								100,00%	100,00%
Comments																												
															KARATARA WTW Total compliance Class 1 SANS 241 =									**98,41%**	**95,24%**

ANALYSIS OF WATER TREATMENT 2025/2026

KNYSNA WTW CONVENTIONAL WTP — (complaince Class 1= 1 : Class 2 = 0.5)

Parameter	Class 1	Class 2	Jul-25	OK	Aug-25	OK	Sep-25	OK	Oct-25	OK	Nov-25	OK	Dec-25	OK	Jan-26	OK	Feb-26	OK	Mar-26	OK	Apr-26	OK	May-26	OK	Jun-26	OK	% TOTAL COMPLIANCE	current month compliance
pH	5.5-9.7	4.0-10.0	3,9	0	8,8	1,0	5,0	0,5	9,5	1	9,40	1	6,4	1	5,60	1	5,30	0,5	5,10	0,5	4,90	0,5	4,20	0,5	4,8	0,5	66,67%	50,00%
E Conductivity	<170mS/m	170-370	23,1	1	29,7	1	25,1	1	33,6	1	30,2	1	24,8	1	24,6	1	20,2	1	23,4	1	32,9	1	24,5	1	22,1	1	100,00%	100,00%
Turbidity	<1 NTU	1-5 NTU	0,91	1	0,61	1	0,92	1	0,33	1	0,35	1	0,44	1	0,46	1	0,63	1	0,62	1	0,46	1	0,62	1	0,5	1	100,00%	100,00%
Colour	<15 mg/l	15-50	4	1	5	1	5	1	7	1	10	1	5	1	4	1	4	1	4	1	10	1	28	0,5	18	0,5	91,67%	50,00%
Calcium	<150 mg/l	150-300	2,4	1	3,5	1	3,7	1	3,8	1	4,3	1	3,2	1	4,7	1	3,8	1	4,5	1	5,2	1	6,3	1	3,2	1	100,00%	100,00%
Magnesium	<70 mg/l	70-100	3,4	1	3,9	1	4,0	1	4,5	1	5,1	1	3,9	1	3,8	1	3,5	1	3,7	1	6,3	1	3,9	1	4,2	1	100,00%	100,00%
Chloride	<300 mg/l	300-500l	55,5	1	57,1	1	60,4	1	73,9	1	69,7	1	67,8	1	63,5	1	57,8	1	63,5	1	99,0	1	62,6	1	60,6	1	100,00%	100,00%
Fluoride	<1.0 mg/l	1.0-1.5	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,50	1	0,50	1	0,50	1	0,5	1	100,00%	100,00%
Sodium	<200 mg/l	200-400	24,5	1	45,2	1	30,8	1	52,6	1	45,0	1	32,4	1	30,1	1	26,0	1	26,6	1	50,8	1	26,4	1	30,7	1	100,00%	100,00%
Potassium	<50 mg/l	50-100	1	1	1	1	1	1	1,3	1	1,3	1	1	1	1,1	1	1,0	1	1,0	1	1,6	1	2	1	1,8	1	100,00%	100,00%
Zinc	<5.0 mg/l	5.0-10.0	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,10	1	0,01	1	100,00%	100,00%
Ammonia	<1.0 mg/l	1.0-2.0	0,1	1	0,1	1	0,1	1	0,1	1	0,1	1	0,1	1	0,46	1	0,1	1	0,16	1	0,1	1	0,10	1	0,1	1	100,00%	100,00%
Nitrate/Nitrate	<11 mg/l	11-20	0,2	1	0,2	1	0,2	1	0,96	1	0,2	1	0,2	1	0,2	1	0,2	1	0,2	1	0,20	1	0,16	1	0,39	1	100,00%	100,00%
Sulphate	<250 mg/l	250-500	7,9	1	8,9	1	7,4	1	10,7	1	14,2	1	8,6	1	6,1	1	5,0	1	6,8	1	23,5	1	9,0	1	9,6	1	100,00%	100,00%
TDS	<1200 mg/l	1200-2400	170	1	194	1	162	1	210	1	202	1	162	1	162	1	140	1	158	1	222	1	166	1	142	1	100,00%	100,00%
Iron	<300 ug/l	300-2000	88	1	75	1	118	1	71	1	24	1	27	1	33	1	67	1	82	1	73	1	140	1	83	1	100,00%	100,00%
Manganese	<100 ug/l	100-1000	37	1	32	1	24	1	22	1	20	1	29	1	42	1	36	1	45	1	28	1	39	1	36	1	100,00%	100,00%
Aluminium	<300 ug/l	300-500	2387	0	979	0	982	0	727	0	250	1,0	236	1	176	1,0	664	0	982	0	328	0,5	1749	0	458	0,5	33,33%	50,00%
																			Chemical compliance =								93,98%	91,67%
E.coli	NIL /100ml		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	100,00%	100,00%
Total Coliform	<10/ml		1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	2	1	5	1	1	1	1	1	100,00%	100,00%
H Plate Count	<1000/ml		1	1	264	1	1	1	1	1	1	1	1	1	1	1	3	1	3	1	110	1	850	1	62	1	100,00%	100,00%
																			Bacteriological compliance =								100,00%	100,00%
Comments																												
															KNYSNA WTW Total compliance Class 1 SANS 241 =									**94,84%**	**92,86%**

ANALYSIS OF WATER TREATMENT 2025/2026

KNYSNA WTW DAF WTP			(complaince Class 1= 1 : Class 2 = 0.5)																															
Parameter	Class 1	Class 2	Jul-25	OK	Aug-25	OK	Sep-25	OK	Oct-25	OK	Nov-25	OK	Dec-25	OK	Jan-26	OK	Feb-26	OK	Mar-26	OK	Apr-26	OK	May-26	OK	Jun-26	OK	% TOTAL COMPLIANCE	current month compliance
pH	5.5-9.7	4.0-10.0	3,6	0	9,1	1	5,5	1	9,7	1	5,50	1	9,1	1	8,00	1	5,90	1	7,50	1	6,5	1,0	4,30	0,5	6,5	1	87,50%	100,00%
E Conductivity	<170mS/m	170-370	25,6	1	39,2	1	28,6	1	51,8	1	28,4	1	29,7	1	28,5	1	20,8	1	33,0	1	32,0	1	23,8	1	26,7	1	100,00%	100,00%
Turbidity	<1 NTU	1-5 NTU	0,81	1	0,32	1	1,10	0,5	0,26	1	0,3	1	0,36	1	0,54	1	0,85	1	0,35	1	1,3	0,5	0,92	1	1,6	0,5	87,50%	50,00%
Colour	<15 mg/l	15-50	4	1	4	1	4	1	5	1	4	1	5	1	34	0,5	4	1	7	1	4	1	26	0,5	9	1	91,67%	100,00%
Calcium	<150 mg/l	150-300	2,4	1	3,5	1	5	1	3,4	1	4,3	1	3,4	1	3,3	1	3,7	1	3,9	1	5,1	1	5,8	1	3,1	1	100,00%	100,00%
Magnesium	<70 mg/l	70-100	3,4	1	3,9	1	4,5	1	4,3	1	5,2	1	3,9	1	3,3	1	3,5	1	3,9	1	5,6	1	4,1	1	4,3	1	100,00%	100,00%
Chloride	<300 mg/l	300-500l	55,8	1	66,1	1	68,1	1	74,2	1	74,5	1	70,1	1	58,8	1	59,5	1	64,9	1	87,9	1	65,2	1	66,1	1	100,00%	100,00%
Fluoride	<1.0 mg/l	1.0-1.5	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,50	1	0,50	1	0,5	1	100,00%	100,00%
Sodium	<200 mg/l	200-400	24,4	1	68,9	1	37,2	1	98,1	1	37,9	1	43,6	1	43,5	1	29,4	1	45,1	1	44,0	1	29,5	1	47,6	1	100,00%	100,00%
Potassium	<50 mg/l	50-100	1	1	1	1	3,6	1	1,3	1	1,2	1	1,1	1	1	1	1	1	1	1	1,3	1	2,2	1	2	1	100,00%	100,00%
Zinc	<5.0 mg/l	5.0-10.0	0,01	1	0,01	1	0,02	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	0,01	1	87,90	0	0,01	1	0,01	1	91,67%	100,00%
Ammonia	<1.0 mg/l	1.0-2.0	0,1	1	0,1	1	0,41	1	0,1	1	0,1	1	0,1	1	0,45	1	0,10	1	0,15	1	0,1	1	0,10	1	0,1	1	100,00%	100,00%
Nitrate/Nitrate	<11 mg/l	11-20	0,2	1	0,20	1	0,20	1	0,20	1	0,20	1	0,20	1	0,20	1	0,20	1	0,20	1	0,20	1	0,71	1	0,42	1	100,00%	100,00%
Sulphate	<250 mg/l	250-500	8,5	1	9,8	1	10,9	1	11,4	1	13,2	1	9,1	1	5,7	1	5,2	1	7,0	1	18,5	1	9,60	1	10,5	1	100,00%	100,00%
TDS	<1200 mg/l	1200-2400	170	1	260	1	188	1	330	1	188	1	190	1	190	1	144	1	220	1	210	1	160	1	168	1	100,00%	100,00%
Iron	<300 ug/l	300-2000	107	1	37	1	42	1	39	1	20	1	28	1	79	1	48	1	53	1	42	1	160	1	104	1	100,00%	100,00%
Manganese	<100 ug/l	100-1000	38	1	37	1	46	1	21	1	20	1	35	1	33	1	33	1	40	1	24	1	40	1	39	1	100,00%	100,00%
Aluminium	<300 ug/l	300-500	1659	0	481	0,5	629	0	670	0	122	1	380	0,5	1132	0	487	0,5	634	0	637	0	1563	0	884	0	20,83%	0,00%
																			Chemical compliance =								93,29%	91,67%
E.coli	NIL /100ml		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100,00%	100,00%
Total Coliform	<10/ml		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100,00%	100,00%
H Plate Count	<1000/ml		1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100,00%	100,00%
																			Bacteriological compliance =								100,00%	100,00%
Comments																												
															KNYSNA WTW Total compliance Class 1 SANS 241 =											94,25%	92,86%

ANALYSIS OF WATER TREATMENT 2025/2026 : JUNE 2026__ ALL WTW & BOREHOLES

		current month compliance
Total Chemical compliance =	95,01%	95,49%

		current month compliance
Total Bacteriological compliance =	99,24%	100,00%

		current month compliance
ALL KNYSNA WTW Total compliance Class 1 SANS 241 =	95,62%	96,13%

Comments:
The overall water quality compliance for the Greater Knysna Water Treatment Plants for the period **July 2025 to June 2026** is **95,62%**, while the water quality compliance for the **current reporting month** is recorded at **96,13%**.

ANNEXURE B: GREATER KNYSNA WASTEWATER QUALITY RESULTS JULY 2025 – JUNE 2026

ANALYSIS OF SEWERAGE FINAL EFFLUENT 2025/2026

BELVIDERE WWTW																				(complaince = 1)														
Parameter	General Limit	Jul-25	OK	Aug-25	OK	Sep-25	OK	Oct-25	OK	Nov-25	OK	Dec-25	OK	Jan-26	OK	Feb-26	OK	Mar-26	OK	Apr-26	OK	May-26	OK	Jun-26	OK	% TOTAL COMPLIANCE	current month compliance
pH	5.5-9.5	7	1	6,9	1	7	1	7,4	1	7,5	1	7,4	1	7,4	1	7,5	1	7,6	1	6,8	1	7	1	7,4	1	100,00%	100,00%
E Conductivity	150 mS/m	143	1	138	1	156	1	116	1	114	1	112	1	110	1	113	1	86,8	1	176	0	148	1	114	1	100,00%	100,00%
COD	75 mg/l	74,8	1	88,8	0	204	0	107	0	83,2	0	65,5	1	39,8	1	79,6	1	23,2	1	122	0	113	0	104	0	41,67%	0,00%
Amonia Nitrogen	6 mg/l	10,4	1	23,6	0	31,8	0	13,2	0	0,1	1	7,5	0	10,7	0	2	1	0,68	1	0,1	1	7,8	0	1,7	1	50,00%	100,00%
Nitrate/Nitrate	15 mg/l	15,8	0	14,1	1	0,2	1	12,7	1	17,7	0	18,5	0	5,8	1	14,8	1	5,6	1	42	0	7	1	17,5	0	58,33%	0,00%
TSS	25 mg/l	36	0	16	1	108	0	43	0	14	1	13	1	22	1	15	1	9	1	19	1	61	0	45	0	58,33%	0,00%
Ortho Phosporus	10 mg/l	5,2	1	6,1	1	7,2	1	9,1	1	11,8	0	7,4	1	5	1	9,7	1	2,6	1	7,7	1	2,9	1	5,4	1	91,67%	100,00%
																										Chemical compliance =								71,43%	57,14%
Faecal Coliforms	1000org/100ml	1	1	1	1	2419	0	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	91,67%	100,00%
																										Bacteriological compliance =								91,67%	100,00%
														BELVIDERE WWTW TOTAL compliance =																73,96%	62,50%

ANALYSIS OF SEWERAGE FINAL EFFLUENT 2025/2026

BRENTON WWTW																						(complaince = 1)														
Parameter	Parameter	General Limit	Jul-25	OK	Aug-25	OK	Sep-25	OK	Oct-25	OK	Nov-25	OK	Dec-25	OK	Jan-26	OK	Feb-26	OK	Mar-26	OK	Apr-26	OK	May-26	OK	Jun-26	OK	% TOTAL COMPLIANCE	current month compliance
pH	pH	5.5-9.5	5,9	1	6,3	1	5,5	1	7,4	1	Plant faulty						7,6	1	7,5	1	7	1	7	1	7	1	100,00%	100,00%
E Conductivity	E Conductivity	150 mS/m	90,1	1	85,4	0	107	1	88	1							98,3	1	110	1	75,3	1	83,7	1	81,8	1	88,89%	100,00%
COD	COD	75 mg/l	89,2	0	171	0	70,6	1	51,6	1							70,1	1	97	0	40,9	1	82,9	0	48,1	1	55,56%	100,00%
Amonia Nitrogen	Amonia Nitrogen	6 mg/l	0,12	1	3,8	0	0,16	1	0,1	1							0,24	1	1	1	0,1	1	11,2	0	0,1	1	77,78%	100,00%
Nitrate/Nitrate	Nitrate/Nitrate	15 mg/l	16,3	0	30,1	1	31,5	0	19,3	0							34,8	0	8,9	1	17,2	0	0,52	1	6,5	1	44,44%	100,00%
TSS	TSS	25 mg/l	38	0	66	0	33	0	18	1							5	1	33	0	4	1	42	0	5	1	44,44%	100,00%
Ortho Phosporus	Ortho Phosporus	10 mg/l	3	1	4,8	1	6,4	1	3,4	1							5	1	3,8	1	0,68	1	0,2	1	0,2	1	100,00%	100,00%
																										Chemical compliance =								73,02%	100,00%
Faecal Coliforms	Faecal Coliforms	1000org/100ml	1	1	219	1	1	1	1	1							328	1	411	1	1	1	2419	0	1	1	88,89%	100,00%
																										Bacteriological compliance =								88,89%	100,00%
	Comments																	BRENTON WWTW TOTAL compliance =														75,00%	100,00%
	Plant not sampled November _ December 2025- Faulty																																	
	Plant not sampled January 2026 - Maintenance																																	

ANALYSIS OF SEWERAGE FINAL EFFLUENT 2025/2026

KARATARA WWTW — (complaince = 1)

Parameter	General Limit	Jul-25	OK	Aug-25	OK	Sep-25	OK	Oct-25	OK	Nov-25	OK	Dec-25	OK	Jan-26	OK	Feb-26	OK	Mar-26	OK	Apr-26	OK	May-26	OK	Jun-26	OK	% TOTAL COMPLIANCE	current month complianc e
pH	5.5-9.5	7,32	1	6,8	1	7,5	1	7,6	1	7,9	1	7,8	1	7,7	1	7,7	1	7,8	1	7,7	1	7,2	1	6,9	1	100,00%	100,00%
E Conductivity	150 mS/m	111	1	116	1	143	1	117	1	117	1	109	1	152	0	106	1	114	1	103	1	70,2	1	73	1	91,67%	100,00%
COD	75 mg/l	67,6	1	70,9	1	114	0	96,9	0	55,6	1	66,7	1	68,4	1	92,1	0	72,4	1	64,2	1	69,6	1	95,8	0	66,67%	0,00%
Amonia Nitrogen	6 mg/l	28,1	0	34,3	0	41,2	0	68,2	0	45,9	1	44,7	0	60,9	0	53,1	0	50,5	0	45	0	20	0	22	0	8,33%	0,00%
Nitrate/Nitrate	15 mg/l	12,4	1	14,7	1	4,1	1	4,5	1	6	1	6,1	1	0,2	1	0,2	1	0,2	1	1,6	1	0,38	1	0,26	1	100,00%	100,00%
TSS	25 mg/l	10	1	84	0	28	0	18	1	14	1	13	1	17	1	21	1	13	1	11	1	19	1	18	1	83,33%	100,00%
Ortho Phosporus	10 mg/l	5,7	1	5,7	1	6,7	1	6,9	1	6,1	1	6,4	1	6,1	1	5,2	1	4,9	1	8,4	1	2,5	1	2,9	1	100,00%	100,00%
																								Chemical compliance =		78,57%	71,43%
Faecal Coliforms	1000org/100ml	5	1	1	1	14	1	1	1	19	1	1	1	1	1	10	1	1	1	1553	0	1	1	1	1	100,00%	100,00%
																								Bacteriological compliance =		100,00%	100,00%

KARATARA WWTW TOTAL compliance = 81,25% 75,00%

ANALYSIS OF SEWERAGE FINAL EFFLUENT 2025/2026

KNYSNA WWTW — (complaince = 1)

Parameter	Special Standard	Jul-25	OK	Aug-25	OK	Sep-25	OK	Oct-25	OK	Nov-25	OK	Dec-25	OK	Jan-26	OK	Feb-26	OK	Mar-26	OK	Apr-26	OK	May-26	OK	Jun-26	OK	% TOTAL COMPLIANCE	month complian
pH	5.5-7.5	6,5	1	7	1	6,5	1	6,9	1	7	1	7,2	1	7	1	7,1	1	7,5	1	7	1	6,7	1	6,9	1	109,09%	100,00%
E Conductivity	100 mS/m	183	0	171	0	140	0	163	0	101	0	110	0	120	0	107	0	160	0	252	0	58,3	1	94,4	1	18,18%	100,00%
COD	30 mg/l	49,6	0	57	0	72,5	0	74,7	0	56,7	0	79,5	0	78,8	0	47,3	0	112	0	94	0	36,3	0	99,9	0	0,00%	0,00%
Amonia Nitrogen	1 mg/l	9,4	0	8,3	0	9,6	0	4	0	13,7	0	27,6	0	29,2	0	35,2	0	42	0	23,5	0	1,6	0	1,5	0	0,00%	0,00%
Nitrate/Nitrate	1.5 mg/l	6,2	0	7,7	0	7,1	0	8,6	0	7,9	0	4,5	0	1,7	0	0,26	1	0,2	1	0,42	1	3,1	0	8,5	0	27,27%	0,00%
TSS	10 mg/l	16	0	18	0	23	0	28	0	5	1	14	0	17	0	18	0	23	0	13	0	8	1	20	0	18,18%	0,00%
Ortho Phosphate	1 mg/l	0,42	1	0,84	1	1,4	0	0,2	1	1,3	0	2,2	0	0,76	1	0,88	1	0,2	1	1	1	0,2	1	0,2	1	81,82%	100,00%
																										36,36%	0,00%
E.coli	100org/100ml	1	1	1	1	1	1	152	0	1	1	2419	0	2419	0	2419	0	2419	0	921	0	2419	1	276	0	45,45%	0,00%
																								Bacteriological compliance =		45,45%	0,00%

KNYSNA WWTW TOTAL compliance = 37,50% 37,50%

ANALYSIS OF SEWERAGE FINAL EFFLUENT 2025/2026

RHEENENDAL WWTW — (complaince = 1)

Parameter	General Limit	Jul-25	OK	Aug-25	OK	Sep-25	OK	Oct-25	OK	Nov-25	OK	Dec-25	OK	Jan-26	OK	Feb-26	OK	Mar-26	OK	Apr-26	OK	May-26	OK	Jun-26	OK	% TOTAL COMPLIANCE	current month complianc e
pH	5.5-9.5	7	1	5,9	1	4,4	0	7,8	1	7,8	1	no sample pump faulty.		7,4	1	7,5	1	6,2	1	8	1	6	1	Plant Off due to vand		90,00%	100,00%
E Conductivity	150 mS/m	128	1	114	1	125	1	159	0	233	0			131	1	100	1	114	1	89,6	1	63,9	1			80,00%	100,00%
COD	75 mg/l	48	1	176	0	108	0	112	0	61,1	1			63,3	1	92,4	1	101	0	117	0	57,5	1			50,00%	100,00%
Ammonia Nitroger	6 mg/l	0,48	1	5,8	1	0,54	1	0,27	1	0,1	1			0,33	1	11,2	0	1,8	1	6,1	0	2	1			80,00%	100,00%
Nitrate/Nitrate	15 mg/l	75,6	0	66,9	0	74,5	0	104	0	159	0			80,9	0	62,9	0	60,3	0	60,7	0	36,7	0			0,00%	0,00%
TSS	25 mg/l	5	1	145	0	35	0	72	0	7	0			4	1	35	0	30	0	45	0	27	0			20,00%	0,00%
Ortho Phosphate	10 mg/l	7,1	1	8,3	1	8,8	1	5,8	1	1,2	1			16	0	7,8	1	7,5	1	7,5	1	6,9	1			90,00%	100,00%
																								Chemical compliance =		58,57%	71,43%
Faecal Coliforms	1000org/100ml	1	1	1	1	10	1	1	1	1	1			387	1	547	1	1	1	1	1	1	1			100,00%	100,00%
																								Bacteriological compliance =	0	100,00%	100,00%

COMMENTS

Dec 2025 - No sample inlet pump faulty

June 2026 - Plant off due to Vandalism

RHEENENDAL WWTW TOTAL compliance = 63,75% 75,00%

ANALYSIS OF SEWERAGE FINAL EFFLUENT 2025/2026

SEDGEFIELD WWTW — (complaince = 1)

Parameter	General Limit	Jul-25	OK	Aug-25	OK	Sep-25	OK	Oct-25	OK	Nov-25	OK	Dec-25	OK	Jan-26	OK	Feb-26	OK	Mar-26	OK	Apr-26	OK	May-26	OK	Jun-26	OK	% TOTAL COMPLIANCE	current month complianc e
pH	5.5-9.5	5,8	1	5	0	6,1	1	7,5	1	6,2	1	7	1	7,2	1	7,4	1	7,6	1	7,3	1	7,06	1	7	1	91,67%	100,00%
E Conductivity	150 mS/m	119	1	121	1	132	1	260	0	200	0	299	0	179	0	165	1	144	1	135	1	94,9	1	100	1	66,67%	100,00%
COD	75 mg/l	56	1	57	1	25,9	1	74,5	1	11	1	62,4	1	65,7	1	68	1	47,6	1	74,9	1	23,6	1	31,5	1	100,00%	100,00%
Amonia Nitrogen	6 mg/l	0,1	1	0,14	1	0,1	1	0,1	1	0,1	1	0,27	1	7,9	0	0,16	1	0,1	1	0,1	1	0,1	1	0,1	1	91,67%	100,00%
Nitrate/Nitrate	15 mg/l	44,1	0	29,7	0	27,3	0	2,9	1	15,3	0	3,7	1	4,3	1	34,3	0	3,9	1	15,7	0	9,6	1	7,9	1	50,00%	100,00%
TSS	25 mg/l	13	1	4	1	4	1	28	0	4	1	4	1	11	1	17	1	50	0	5	1	6	1	4	1	83,33%	100,00%
Ortho Phosphate	10 mg/l	6,6	1	4,6	1	5,8	1	9,3	1	2,8	1	2,4	1	6,1	1	7,5	1	5,6	1	15,9	0	4,8	1	0,62	1	91,67%	100,00%
																								Chemical compliance =		82,14%	100,00%
Faecal Coliforms	1000org/100ml	4	1	1	1	1	1	13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100,00%	100,00%
																								Bacteriological compliance =		100,00%	100,00%

SEDGEFIELD WWTW TOTAL compliance = 84,38% 100,00%

ANALYSIS OF SEWERAGE FINAL EFFLUENT 2025/2026: JUNE 2026 ALL WWTW

		current month compliance
Total Chemical compliance =	66,68%	80,00%
Total Bacteriological compliance =	72,85%	100,00%

		current month compliance
ALL KNYSNA WWTW TOTAL compliance =	69,31%	90,00%

Comments

The overall effluent quality compliance for the Greater Knysna Wastewater Treatment Plants for the period of July 2025 to June 2026 is **69,31%**, while the effluent quality compliance for the current reporting month stands at **90,00%**.

As part of ongoing water quality monitoring in the Knysna area, final effluent and estuarine sampling points are tested regularly by the Garden Route District Municipality to assess compliance with national water quality standards. During the most recent sampling cycle, 6 points of the 14 surrounding the Knysna Estuary constantly shows non-compliant results (particularly **Greenhole; Bongani; Kada; Long Street; Queen Street; Salt River and Train Station**).

The primary contributing factor identified is the frequent overflow and spillage incidents at wastewater pump stations located in proximity to the estuary. These spillages are often caused by mechanical failures, electrical outages, aging infrastructure, or blockages in the reticulation system.

GARDEN ROUTE DISTRICT MUNICIPALITY WATER QUALITY RESULTS IN AND AROUND KNYSNA ESTUARY March 2026

Sample information					Remedial actions				
Sample point	No of samples	C	N/C	H & H	Non	F.Non	F.u S	F/P	Results (Ecoli/100 ml
1. The Heads	1	1	0	-	-	-	-	-	
2. Green hole	1	0	1	-	-	-	-	-	
3. Bigia	1	1	0	-	-	-	-	-	E. coli > 700
4. Bollard Bay	1	1	0	-	-	-	-	-	
5. Bongani	1	0	1	-	-	-	-	-	E. coli > 5800
6. Costa Sarda	1	0	1	-	-	-	-	-	E. coli > 9300
7. Queen Street	1	0	1	-	-	-	-	-	E. coli > 800
8. Long Street	1	0	1	-	-	-	-	-	E. coli > 5700
9. Train Station	1	0	1	-	-	-	-	-	E. coli > 35600
10. Kada	1	0	1	-	-	-	-	-	E. coli > 900
11. Salt River	1	0	1	-	-	-	-	-	E. coli > 45600
12. Lake Brenton	1	1	0	-	-	-	-	-	
13. Crabs Creek	1	1	0	-	-	-	-	-	
14. Belvidere	1	1	0	-	-	-	-	-	

C = Compliant **N/C = Non Compliant**

DISCUSSION

POSSIBLE CAUSES OF POOR WASTEWATER QUALITY

The following are likely contributing factors to the continued poor wastewater quality:

- Overloaded systems: rapid urban growth has increased influent volumes beyond what the systems were designed to handle in areas such as Karatara, Knysna and

Sedgefield (informal areas). This overload compromises critical treatment stages such as biological nutrient removal, secondary clarification, and disinfection. Peaks during wet weather events exacerbate hydraulic surges, resulting in overflow bypasses or partial treatment.

- ***Karatara and Rheenendal Treatment works will be upgraded, when housing development will commence and Windheuwel Works in Knysna to mitigate the situation.***

- Vandalism and Inadequate maintenance: vandalism and lack of routine upkeep has led to frequent breakdowns in critical equipment like aerators, pumps and etc. Several critical components including aerators, pumps, sludge return systems, and backup power units are either intermittently functional or entirely inoperative. In particular, the failure of aeration blowers and return activated sludge (RAS) pumps has led to poor biological treatment efficiency and solids washout.

- Skills shortages: Some facilities such as Sedgefield and Knysna WWTW suffer from insufficient process control supervisors. The absence of real-time process control systems, such as Supervisory Control and Data Acquisition (SCADA) and automated sensors for key parameters (e.g., DO, pH, MLSS, etc), prevents timely response to process upsets. Process Controllers must rely on manual sampling and delayed lab results, limiting proactive intervention and consistent compliance with permit conditions.

  - ***Senior process controller position/ supervisor recruitment in process.***

- Environmental and public health implications: Non-compliant effluent discharges with elevated BOD, TSS, and nutrient loads pose risks to receiving water bodies, aquatic life, and downstream users.

  - ***All the issues are dealt with through section 154 action plan.***

FINANCIAL IMPLICATIONS

Regulatory Fines: Potential fines under the National Water Act/Environmental Management Act or equivalent can result into a hefty fine for non-compliance.

Emergency Repairs: Short-term mechanical fixes are significantly costlier than scheduled maintenance.

Long-Term Liability: Continued non-compliance may lead to lawsuits, environmental remediation orders, and restricted operating permits.

- ***This cannot be quantified as costing for rehabilitation plans will be required.***

RELEVANT LEGISLATION

National Health Act, No.61 of 2003.

National Environmental Management Act, No.107 of 1998.

Water Act, No.36 of 1998.

Constitution, Republic of South Africa, No.108 of 1996.

Municipal Finance Management Act

Risks of Continued Non-compliance

If poor performance persists, the following risks may materialise:

Environmental degradation: Discharge of untreated or partially treated effluent can pollute rivers, estuaries, lagoons and wetlands.

Public health threats: Pathogens in effluent may contaminate water sources and pose health risks to nearby communities.

Regulatory penalties: The Department of Water and Sanitation may issue directives or impose fines.

Reputational damage: Ongoing failures can erode public trust in municipal services.

Legal liability: Non-compliance may expose the municipality to litigation from affected stakeholders or environmental groups.

RECOMMENDATION OF THE DIRECTOR INFRASTRUCTURE SERVICES

Immediate Mitigation Measures Taken

- Appoint a dedicated mechanical and electrical contractor to respond promptly to emergencies and equipment breakdowns at the plants.
- Appointments of certified and skilled Water and Sewer Treatment works Supervisors at Knysna WTP, Knysna WWTW, Sedgefield WTP and Sedgefield WWTW to comply with DWS Regulation 3630.
- Assign dedicated personnel to carry out proactive maintenance activities at the water and wastewater treatment facilities.
- Commencement of desludging programs at overloaded facilities. Clean and restore drying beds for sludge wastage.
- Pump sludge from old oxidation ponds.

Strategic Recommendations to Improve Wastewater Quality

a) Technical Upgrades

- Undertake phased upgrades of critical infrastructure (e.g. mechanical screens, aeration systems, clarifiers, mixers, valves, compressors and etc.).
- Install automated monitoring equipment for real-time quality control such as inline DO, pH, TSS, and CODs to allow immediate response to changes in water and effluent quality, optimizing treatment processes and ensuring compliance with regulations and utilise ozone for disinfection as an alternative for chlorine gas disinfection.
- Procure laboratory equipment for continuous and effective quality control.

b) Financial Investment

- Allocate sufficient operational budget for maintenance.

- Apply for infrastructure grants from the Municipal Infrastructure Grant (MIG) and Water Services Infrastructure Grant (WSIG).
- Explore Public-Private Partnerships for large-scale refurbishments.

c) Policy and Regulatory Alignment

- Ensure alignment with the **National Water Act (Act 36 of 1998)** and **Water Services Act (Act 108 of 1997)**.
- Update Standard Operating Procedures to align with **General and Special Authorisations under the NWA**.
- Adhere to the draft norms and standards that will be promulgated in 2026.

d) Risk Mitigation and Monitoring

- Implement the updated Wastewater Risk Management Plan, including contingencies for spills.
- Conduct a full technical assessment of the affected pump stations to identify root causes and infrastructure limitations.
- Implement and enforce a strict preventative maintenance schedule for all pump stations and associated sewer networks.
- Prioritise the upgrade of aging infrastructure and installation of emergency power systems (generators) at critical stations.

Conclusion and way forward

While the drinking water quality is acceptably compliant, the wastewater quality performance is currently unsatisfactory but gradually improving. Continued urgent interventions, supported by structured investment and capacity development, are required to reverse the non-compliances and meet regulatory obligations. A coordinated effort involving technical, financial, and governance reforms will be essential to restore compliance and protect environmental and public health.
The health of the Knysna estuary and the integrity of the municipal sanitation system are of strategic environmental and public health importance. Immediate interventions are necessary to address pump station failures and reduce the risk of estuarine contamination. The implementation of the above recommendations will support legal compliance, environmental protection, and sustainable service delivery.

RECOMMENDATION OF THE ACTING MUNICIPAL MANAGER

That Council note the contents of the report.

File Number: 9/1/2/1
Execution: Manager Water & Sewer

5.7

IS07/08/26 ELECTRICAL & MECHANICAL SERVICES KNYSNA MUNICIPAL FLEET FROM APRIL TO JUNE 2026

REPORT FROM THE DIRECTOR INFRASTRUCTURE SERVICES

PURPOSE OF THE REPORT

This document aims to present an overview of the monthly activities carried out by the Municipal Workshop, along with the associated costs. It will detail all the initiatives undertaken during the period of April to June 2026.

PREVIOUS RESOLUTIONS

N/A

BACKGROUND

The fleet of the Knysna Municipality comprises a total of 288 vehicles, as demonstrated in Table 1.

Table 1: Knysna Municipal Fleet

Fleet Type	Community Services	Corporate Services	Financial Services	Infrastructure Services	Planning & HIS Services	Grand Total
Backhoe Loader				5		5
Chipper	5					5
Combi	1				1	2
Digger Loader	1			1		2
Forklift			1			1
Mobile generator				2		2
Grader				2		2
LDV	28		3	59	4	94
Motorcycle	2		23	1		26
Panel Van			1	1		2
Roller				2		2
Sedan	11	1			1	13
Sweeper	3			1		4
Tractor	11			1		12
Trailer	23			25		54
Truck	34			28		60
Grand Total	**125**	**1**	**28**	**128**	**6**	**288**
Not driving vehicles						**67**
Vehicles						**221**

DISCUSSION

1.1 Vehicle repaired

Vehicles that was booked in for repaires at the workshop for the the period April to June 2026 is 55 for the Municipality

The booking process has uncovered several ongoing issues, including worn brake pads, suspension problems, disc wear, and hydraulic leaks on compactors. Most vehicles in the municipality are expected to return to the workshop monthly due to their age. Breakdowns of these older vehicles occur more frequently since they are utilized daily for service delivery in the greater Knysna area, which complicates matters for the workshop.
The breakdown of compactors is a major worry, as the municipality invests a significant amount to maintain their functionality. The regular failures of compactor slides and shoes, coupled with auto electrical problems, pose considerable challenges.
Additionally, the municipality has three service providers ready to assist with major vehicle repairs; however, the absence of a budget hinders the prompt completion of these repairs. The municipal workshop faces numerous limitations that obstruct the repair process. One of the most crucial elements is the staffing situation. To guarantee an efficient workshop, the municipality needs to recruit 3 qualified mechanics, along with the necessary equipment for all repair tasks, which would help minimize the amount of work outsourced to service providers.

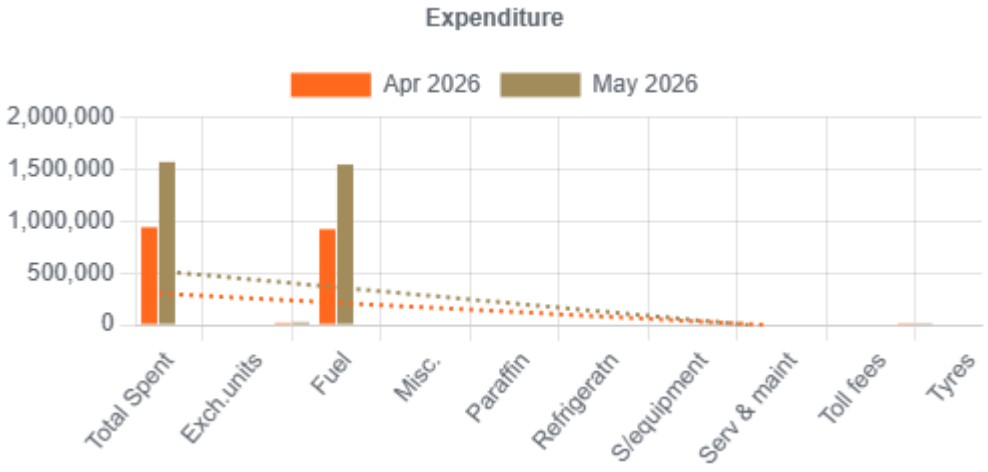
The table below demonstrates the sum allocated for the repair of the vehicles displayed above.

Row Labels	BRANCH DESCRIPTION	April	May	June
2. Corporate	INFORMATION TECHNOLOGY	0,00	0,00	4 588,00
	PUBLIC PARTICIPATION	810,00	0,00	0,00
2. Corporate Total		**810,00**	**0,00**	**4 588,00**
3,Housing Services	HUMAN SETTLEMENT	2 538,33	2 048,00	0,00
3,Housing Services Total		**2 538,33**	**2 048,00**	**0,00**
3. Finance	METER READING	892,00	1 351,22	26 856,60
3. Finance Total		**892,00**	**1 351,22**	**26 856,60**
5,Planning & Development	ENVIRONMENTAL MANAGEMENT	0,00	0,00	0,00
5,Planning & Development Total		**0,00**	**0,00**	**0,00**
6. Community	CLEANSING REFUSE REMOVAL SERV.	224 627,40	237 225,28	358 020,49
	LIBRARY	1 650,00	0,00	0,00
	PARKS RECREATION	19 288,97	9 558,27	34 536,45
	SAFETY FIRE BRIGADE SERVICES	6 990,44	7 745,45	4 929,75
	SAFETY LAW ENFORCEMENT	1 095,65	0,00	80 507,58
	SAFETY TRAFFIC DEPARTMENT	10 541,00	934,00	12 022,00
6. Community Total		**264 193,46**	**255 463,00**	**490 016,27**
7,Electrical	ELECTRICITY DISTRIBUTION	8 068,00	20 775,00	0,00
		67 738,60	17 400,00	40 251,74
	WORKSHOP DEPOT	5 219,24	0,00	66 367,78
7,Electrical Total		**81 025,84**	**38 175,00**	**106 619,52**
8,Technical Services	WATER PURIFICATION WORKS	2 430,00	29 348,00	127 842,64
	RDS,S/WTR,DRAINAGE:STORMWATER	0,00	0,00	0,00
	RDS,S/WTR,DRAINAGE:STREETS	171 869,03	43 424,90	307 307,35
	SEWERAGE PURIFICATION SERVICES	0,00	6 758,22	50 684,67
	SEWERAGE RETICULATION SERVICES	1 730,00	1 055,00	34 733,08
	SEWERAGE SANITATION SERVICES	23 216,00	1 150,00	30 373,50
	WATER RETICULATION	26 488,78	4 435,23	53 340,39
8,Technical Services Total		**225 733,81**	**86 171,35**	**604 281,63**
Grand Total		**575 193,44**	**383 208,57**	**1 232 362,02**

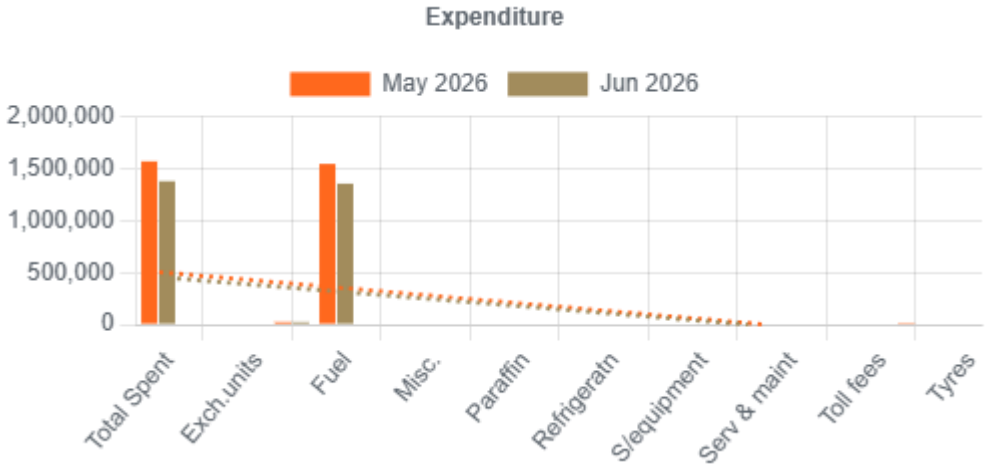
Furthermore, the conduct of drivers in the municipality is troubling, as there seems to be insufficient accountability for their actions. It is crucial to tackle this problem to guarantee that

drivers are held accountable for their behavior on the roads. Managers and supervisors across all sections must oversee the drivers**.**

Fuel cunsumtion for the intire municipalty for the period April to June 2026 see table below



Cost centre name	Total spent Apr 2026	Total spent May 2026
CORPORATE SERVICES	5891,38	5561,87
FINANCIAL SERVICES	16659,51	20154,85
TECHNICAL SERVICES	436006,56	826665,42
INFRASTRUCTUCE SERVICES	119375,23	137492,43
LOCAL ECONOMIC	1066,86	860,91
BUDGET	5296,93	9904,08
PLANNING & HIS SERVICES	16271,26	22335,34
COMMUNITY SERVICES	338519,41	544463,54
	939,087.14	1,567,438.44



Cost centre name	Total spent May 2026	Total spent Jun 2026
CORPORATE SERVICES	5561,87	8059,2
FINANCIAL SERVICES	20154,85	22338,75
TECHNICAL SERVICES	826665,42	683380,75
INFRASTRUCTUCE SERVICES	137492,43	138639,24
LOCAL ECONOMIC	860,91	2358,09
PLANNING & HIS SERVICES	22335,34	14272,56
BUDGET	9904,08	7720,33
COMMUNITY SERVICES	544463,54	499696,53
	1,567,438.44	1,376,465.45

Vehciles up for auction

The municipalityhave to auction off all vehicles that are over 20 years old, as it is no longer financially feasible to continue repairing these aging vehicles. Once the auction is completed, all revenue generated from the sale of these vehicles should be allocated to replace them. This approach will enable the municipality to function more efficiently and provide services to the public in a timely manner.

Below is a list of vehicles available for auction; however, each directorate must decide which vehicles will be placed up for auction.

Reg No. CX		Description	Type	Model	Directorate	Department
10515		GMC	Truck	1981	Community Services	Safety: Fire Brigade
25532		Trailer	Trailer	1988	Technical Services	Rds, S/Wtr, Drainage: Streets
3903		Trailer Watertanker	Trailer	1989	Community Services	Parks & Recreation
34739		MASSEY FERGUSSON	Tractor	1995	Community Services	Parks & Recreation
8830		MOBARK CHIPPER	Chipper	1997	Community Services	Solid Waste
9222		Cherry Picker Trailer	Trailer	1997	Technical Services	Electricity Distribution
12819		Nissan UD80 Tipper	Truck	1998	Technical Services	Rds, S/Wtr, Drainage: Streets
13488		Nissan UD70 + Crane	Truck	1998	Technical Services	Rds, S/Wtr, Drainage: Streets
10438		Trailer	Trailer	2000	Technical Services	Electricity Distribution
23185		Trailer (Genset)	Genset	2000	Technical Services	Water Reticulation Services
13294		TRAILER - HOME BUILT	Trailer	2001	Technical Services	Water Reticulation Services
13995		Sleepwa (Vullis)	Sweeper	2001	Community Services	Solid Waste
17319		Nissan UD80 Vullistrok (Hok)	Truck	2001	Community Services	Solid Waste
20309		TOYOTA HILUX 2.4D	LDV	2001	Technical Services	Electricity Distribution
21535		Nissan Cabstar UD20	Truck	2001	Community Services	Parks & Recreation
26867		YAMAHA SR 250 DZI Motorcycle SR 250cc	Motorcycle	2002	Financial Services	Income: Meter Reading
30329		LANDINI 8860	Tractor	2003	Community Services	Parks & Recreation
30852		Landini Tractor	Tractor	2003	Community Services	Parks & Recreation
33528		Trailer	Trailer	2003	Community Services	Parks & Recreation

1741		**Hollard TLB (Backhoe/Loader)**	**Digger Loader**	**2005**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
26418		**Nissan Cabstar UD20**	**Truck**	**2005**	**Technical Services**	**Electricity Distribution**
44033		**Nissan UD80 Vullistrok Compactor**	**Truck**	**2005**	**Community Services**	**Solid Waste**
44803		**Colt 2.8D LDV**	**LDV**	**2005**	**Technical Services**	**Water Reticulation Services**
44804		**Colt 2.8D LDV**	**LDV**	**2005**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
45107		**New Holland Tractor**	**Tractor**	**2005**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
4058		**Nissan UD70 Honeysucker**	**Truck**	**2007**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
10320		**Nissan LDV**	**LDV**	**2007**	**Community Services**	**Solid Waste**
27392		**YAMAHA SR 250 DZI Motorcycle SR 250cc**	**Motorcycle**	**2008**	**Financial Services**	**Income: Meter Reading**
31019		**YAMAHA SR 250 DZI Motorcycle SR 250cc**	**Motorcycle**	**2008**	**Financial Services**	**Income: Meter Reading**
20022		**BASHAN XPLODE 250**	**Motorcycle**	**2013**	**Technical Services**	**Karatara**
24742		**Nissan NP300**	**LDV**	**2013**	**Technical Services**	**Water Reticulation Services**
25016		**Nissan NP300**	**LDV**	**2013**	**Technical Services**	**Sewerage Sanitation Services**
53081		**NISSAN A330 Compactor**	**Truck**	**2013**	**Community Services**	**Solid Waste**
3721		**TRAILER-BRINTO Truck Water Tanker**	**Trailer**		**Community Services**	**Safety: Fire Brigade**
39387		**NISSAN NP300**	**LDV**	**2015**	**Technical Services**	**Mechanical Workshop**
35350		**NISSAN NP300**	**LDV**	**2015**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
16313		**BIG BOY MOTORCYCLE**	**Motorcycle**	**2016**	**Financial Services**	**Income: Meter Reading**
27867		**Trailer tipper**	**Trailer**	**1980**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
20375		**Nissan 2,5D NP300**	**LDV**	**2011**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
35482		**Nissan 2.4 Petrol 1 Ton LDV**	**LDV**	**2003**	**Technical Services**	**Mechanical Workshop**

22174		**MERCEDES BENZ ATECO Water Tanker**	**Truck**	**2005**	**Community Services**	**Safety: Fire Brigade**
31857		**NISSAN CABSTAR 3T**	**Truck**	**2008**	**Community Services**	**Solid Waste**
53955		**BANDIT BRUSH CHIPPER**	**Chipper**	**2011**	**Community Services**	**Solid Waste**
42821		**TRAILER FIRE FIGHTER (Alliance)**	**Trailer**	**2004**	**Community Services**	**Safety: Fire Brigade**
43246		**MERCEDES BENZ FIRE TRUCK**	**Truck**	**1980**	**Community Services**	**Safety: Fire brigade**
28603		**New Holland Tractor**	**Tractor**	**2007**	**Community Services**	**Parks & Recreation**
4084		**Trailer (Karatara)**	**Trailer**	**1984**	**Community Services**	**Parks & Recreation**
19680		**NISSAN NP300 2.5D**	**LDV**	**2011**	**Technical Services**	**Sewerage Reticulation Services**
15016		**FORD 5500**	**Tractor**	**1996**	**Community Services**	**Parks & Recreation**
11842		**VENTER TRAILER**	**Trailer**	**1990**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
30569		**Chipper**	**Chipper**	**2002**	**Community Services**	**Parks & Recreation**
3600		**Nissan 2.7D H Body**	**LDV**	**2004**	**Technical Services**	**Mechanical Workshop**
44801		**Colt 2.8D LDV**	**LDV**	**2005**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
43651		**TATA LPTA 713S**	**Truck**	**2008**	**Community Services**	**Safety: Fire Brigade**
48602		**Chevrolet Corsa**	**LDV**	**2011**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets,Buildings**
46933		**ANCHOR TRAILER (JET MACHINE)**	**Trailer**	**2006**	**Technical Services**	**Water Reticulation Services**
18638		**NISSAN NP 300 2.5D**	**LDV**	**2011**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
19660		**TRAILER**	**Trailer**	**1984**	**Community Services**	**Parks & Recreation**
3323		**TRAILER MULTI**	**Trailer**	**1987**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
24885		**TRAILER GENSET**	**Genset**	**1988**	**Technical Services**	**Electricity Distribution**
24232		**FORD 5000**	**Tractor**	**1989**	**Community Services**	**Parks & Recreation**
25939		**BOMAG Roller**	**Roller**	**1991**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**

26599		**Trailer Water Tanker**	**Trailer**	**1991**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
26995		**Vulcan Herbiecide Trailer**	**Trailer**	**1992**	**Community Services**	**Parks & Recreation**
27849		**VENTER TRAILER**	**Trailer**	**1992**	**Community Services**	**Parks & Recreation Belvidere**
32347		**MERCEDES 1114 Tipper**	**Truck**	**1994**	**Community Services**	**Solid Waste**
17384		**TRAILER**	**Trailer**	**1996**	**Community Services**	**Parks & Recreation**
8604		**ISUZU FTR 800 Tipper**	**Truck**	**1997**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
9186		**NISSAN UD70 Water Tanker**	**Truck**	**1997**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
10334		**VENTER TRAILER**	**Trailer**	**1997**	**Community Services**	**Safety: Fire Brigade**
15219		**NISSAN UD60**	**Truck**	**1999**	**Technical Services**	**Sewerage Sanitation Services**
16172		**TRAILER**	**Trailer**	**1999**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
19893		**TRAILER**	**Trailer**	**2000**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
19897		**NISSAN CABSTAR Cherry Picker**	**Truck**	**2000**	**Technical Services**	**Electricity Distribution**
21172		**TRAILER**	**Trailer**	**2000**	**Community Services**	**Parks & Recreation**
10260		**TOYOTA HILUX 2000**	**LDV**	**2001**	**Community Services**	**Parks & Recreation**
14638		**MOTORCYCLE TRAILER**	**Trailer**	**2001**	**Technical Services**	**Mechanical Workshop**
19103		**TRAILER - HOMEBUILT**	**Trailer**	**2001**	**Community Services**	**Parks & Recreation**
22775		**NISSAN CABSTAR Tipper**	**Truck**	**2001**	**Technical Services**	**Mechanical Workshop**
23767		**CONCRETE MIXER (SPRINGBOK)**	**Trailer**	**2001**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
23883		**TOYOTA HILUX 2.4D**	**LDV**	**2001**	**Technical Services**	**Electricity Distribution**
23980		**TOYOTA HILUX 2000**	**LDV**	**2001**	**Community Services**	**Parks & Recreation**
22626		**CHIPPER**	**Chipper**	**2002**	**Community Services**	**Parks & Recreation**
26960		**NISSAN 2.7D**	**LDV**	**2002**	**Technical Services**	**Mechanical Workshop**
28640		**PAINT TRAILER**	**Trailer**	**2002**	**Community Services**	**Safety: Law Enforcement**
28385		**NISSAN UD85 Compactor**	**Truck**	**2003**	**Community Services**	**Solid Waste**

29757		**NISSAN 2.7D**	**LDV**	**2003**	**Technical Services**	**Mechanical Workshop**
30331		**LANDINI 8860**	**Tractor**	**2003**	**Community Services**	**Parks & Recreation**
32844		**DEZZI GRADER MG 80T**	**Grader**	**2003**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
33578		**NISSAN UD70 Vacuum Tanker**	**Truck**	**2003**	**Technical Services**	**Sewerage Sanitation Services**
34028		**NISSAN UD80 Tipper**	**Truck**	**2003**	**Community Services**	**Solid Waste**
35459		**WATER TANK**	**Truck**	**2003**	**Community Services**	**Parks & Recreation**
35492		**Trailer**	**Trailer**	**2003**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
35476		**NISSAN 2.0 16V**	**LDV**	**2003**	**Community Services**	**Parks & Recreation**
35700		**Nissan Cabstar UD35 Tipper**	**Truck**	**2003**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
42334		**TRAILER**	**Trailer**	**2003**	**Technical Services**	**Sewerage Reticulation Services**
3028		**NISSAN 2.7D**	**LDV**	**2004**	**Technical Services**	**Electricity Distribution**
4656		**NISSAN 2.7D**	**LDV**	**2004**	**Community Services**	**Parks & Recreation**
4990		**NISSAN 2.7 D**	**LDV**	**2004**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
41127		**TRAILER**	**Trailer**	**2004**	**Technical Services**	**Electricity Distribution**
42822		**TRAILER FIRE FIGHTER (Alliance)**	**Trailer**	**2004**	**Community Services**	**Safety: Fire Brigade**
2810		**TRAILER**	**Trailer**	**2005**	**Technical Services**	**Electricity Distribution**
21993		**CATERPILLAR 424 D**	**Digger Loader**	**2005**	**Technical Services**	**Water Reticulation Services**
25575		**NISSAN 2.7D**	**LDV**	**2005**	**Technical Services**	**Water Reticulation Services**
27882		**YAMAHA XT660**	**Motorcycle**	**2005**	**Community Services**	**Safety: Traffic Department**
29634		**YAMAHA SR 250 DZI SR 250**	**Motorcycle**	**2005**	**Financial Services**	**Income: Meter Reading**
33927		**YAMAHA SR 250 DZI SR 250**	**Motorcycle**	**2005**	**Financial Services**	**Income: Meter Reading**
37755		**Nissan Cabstar UD35**	**Truck**	**2005**	**Community Services**	**Parks & Recreation**

37866		**Nissan Cabstar UD35**	**Truck**	**2005**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
44032		**NISSAN UD80 Compactor**	**Truck**	**2005**	**Community Services**	**Solid Waste**
44800		**COLT 2.8D**	**LDV**	**2005**	**Community Services**	**Parks & Recreation Belvidere**
44941		**NISSAN CABSTAR UD40**	**Truck**	**2005**	**Technical Services**	**Water Reticulation Services**
44956		**NISSAN CABSTAR**	**Truck**	**2005**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
17040		**NISSAN UD290 Vacuum Tanker**	**Truck**	**2006**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
28470		**VENTER TRAILER**	**Trailer**	**2006**	**Community Services**	**Safety: Fire Brigade**
39940		**NISSAN 2.7D**	**LDV**	**2006**	**Community Services**	**Parks & Recreation**
13058		**MECHANICAL BROOM**	**Sweeper**	**2007**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
13574		**NISSAN 3.2D 4X4**	**LDV**	**2007**	**Community Services**	**Safety: Fire Brigade**
19201		**YAMAHA SR 250 DZI SR 250**	**Motorcycle**	**2007**	**Financial Services**	**Income: Meter Reading**
34368		**NISSAN CABSTAR**	**Truck**	**2007**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
34649		**NISSAN CABSTAR**	**Truck**	**2007**	**Community Services**	**Parks & Recreation Belvidere**
39574		**NISSAN 2.7D**	**LDV**	**2007**	**Technical Services**	**Electricity Distribution**
39578		**NISSAN 2.7D**	**LDV**	**2007**	**Technical Services**	**Electricity Distribution**
39580		**NISSAN 2.7D**	**LDV**	**2007**	**Planning & HIS Services**	**Housing Administration**
39594		**NISSAN 2.7D**	**LDV**	**2007**	**Technical Services**	**Electricity Distribution**
39596		**NISSAN TIIDA 1600**	**Sedan**	**2007**	**Community Services**	**Safety: Traffic Department**
39608		**NISSAN TIIDA 1600**	**Sedan**	**2007**	**Community Services**	**Safety: Traffic Department**
2503		**YAMAHA SR 250 DZI SR 250**	**Motorcycle**	**2008**	**Financial Services**	**Income: Meter Reading**
4491		**NISSAN UD80 Tipper**	**Truck**	**2008**	**Community Services**	**Solid Waste**
11219		**NISSAN NP200**	**LDV**	**2008**	**Community Services**	**Safety: Law Enforcement**
19213		**LANDINI 5860**	**Tractor**	**2008**	**Community Services**	**Parks & Recreation**

32404		**ISUZU FTR 800 Tipper**	**Truck**	**2008**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
36206		**NISSAN NP200**	**LDV**	**2008**	**Financial Services**	**Budget Office**
36968		**CASE 580 S**	**Digger Loader**	**2008**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
37721		**TRAILER WATER BOWSER**	**Trailer**	**2008**	**Technical Services**	**Water Reticulation Services**
39105		**CASE 621D**	**Digger Loader**	**2008**	**Community Services**	**Solid Waste**
40131		**NISSAN NP300**	**LDV**	**2008**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
40142		**NISSAN NP300**	**LDV**	**2008**	**Technical Services**	**Water Reticulation Services**
42392		**TOYOTA HILUX 2.0**	**LDV**	**2008**	**Community Services**	**Solid Waste**
44371		**TRAILER DIESEL BOWSER**	**Trailer**	**2008**	**Technical Services**	**Water Reticulation Services**
18227		**ISUZU FSR**	**Truck**	**2009**	**Technical Services**	**Sewerage Sanitation Services**
24741		**TATA LPT 1518C Crane**	**Truck**	**2009**	**Technical Services**	**Rds, S/Wtr, Drainage: Streets**
30994		**NISSAN UD90 Compactor**	**Truck**	**2009**	**Community Services**	**Solid Waste**
41457		**NISSAN UD90 Compactor**	**Truck**	**2009**	**Community Services**	**Solid Waste**
44154		**NISSAN UD85 compactor**	**Truck**	**2009**	**Community Services**	**Solid Waste**
47616		**TRAILER**	**Trailer**	**2009**	**Community Services**	**Parks & Recreation Belvidere**
47660		**NISSAN NP300**	**LDV**	**2009**	**Technical Services**	**Water Reticulation Services**
NO CX		**STREET SWEEPER**	**Sweeper**	**2009**	**Community Services**	**Solid Waste**
9709		**TRAILER BANTAM (Sweeper)**	**Sweeper**	**2010**	**Community Services**	**Solid Waste**
NO CX		**QUADRUCYCLE - Z60 XL OffRoad**	**Motorcycle**	**2010**	**Community Services**	**Parks & Recreation Belvidere**
4429		**MULTIWAGON WORKHORSE**	**Trailer**	**2011**	**Technical Services**	**Water Reticulation Services**
8351		**NISSAN UD80 TANKER TRUCK**	**Truck**	**2011**	**Technical Services**	**Belvidere**

12804		NISSAN NP 300 2.5D	LDV	2011	Technical Services	Sewerage Reticulation Services
13431		Nissan NP 300 2.5D	LDV	2011	Technical Services	Sewerage Reticulation Services
16129		NISSAN NP 300 2.5D	LDV	2011	Technical Services	Water Reticulation Services
17186		NISSAN NP300 2.5D	LDV	2011	Community Services	Cemetery Services
24179		NISSAN NP300	LDV	2011	Technical Services	Electricity Distribution
24573		NISSAN NP300	LDV	2011	Technical Services	Electricity Distribution
49570		YAMAHA SR 250 DZI	Motorcycle	2011	Financial Services	Income: Meter Reading
49571		YAMAHA SR 250 DZI	Motorcycle	2011	Financial Services	Income: Meter Reading
49572		YAMAHA SR 250 DZI	Motorcycle	2011	Financial Services	Income: Meter Reading
50047		CHEVROLET AVEO 1.6	Sedan	2011	Community Services	Safety: Traffic Department
20130		NISSAN NP300 2.5D	LDV	2012	Technical Services	Water Reticulation Services
19189		Nissan NP300	LDV	2013	Technical Services	Sewerage Reticulation Services
22667		NISSAN NP 300 2.5D	LDV	2013	Technical Services	Water Reticulation Services
29697		NISSAN UD40 with SAFELIFT 12000	Truck	2013	Technical Services	Electricity Distribution
47765		NISSAN JUKE	Sedan	2013	Community Services	Safety: Traffic Department
49620		NISSAN JUKE	Sedan	2013	Community Services	Safety: Traffic Department
53563		NISSAN JUKE	Sedan	2013	Community Services	Safety: Traffic Department
45882		NISSAN NP300 2.5D	LDV	2014	Community Services	Safety: Law Enforcement
54466		NISSAN NP300 2.5D	LDV	2014	Financial Services	Expenditure: Stores
9757		NISSAN NP300	LDV	2015	Community Services	Solid Waste
7185		NISSAN NP300	LDV	2015	Community Services	Parks & Recreation
14872		NISSAN NP300	LDV	2015	Community Services	Safety: Law Enforcement
23974		NISSAN NP300	LDV	2015	Technical Services	Sewerage Sanitation Services
28750		NISSAN NP300 4X4	LDV	2015	Technical Services	Water Reticulation Services
57297		NISSAN NP300	LDV	2016	Technical Services	Sewerage Sanitation Services

46738		**NISSAN NV200**	**Combi**	**2016**	**Planning & HIS Services**	**Housing Administration**
16775		**BIG BOY MOTORCYCLE**	**Motorcycle**	**2016**	**Financial Services**	**Income: Meter Reading**
12887		**BIG BOY MOTORCYCLE**	**Motorcycle**	**2016**	**Financial Services**	**Income: Meter Reading**

Fleet section has drafted a policy that is included in the as annexture A

FINANCIAL IMPLICATIONS

The exorbitant expenses associated with repairs significantly impede the institution's capacity to provide services, a predicament that can be mitigated through the complete implementation of the Facility Management System (FMS).

The following can be achieved within a single financial year if this budget receives approval in the upcoming financial year. However, each directorate is responsible for budgeting new vehicles for their respective sections.

It is crucial for the municipality to commence the replacement of older vehicles.

The amount listed below serves merely as an estimate for this meeting to assess the potential expenditure of the municipality when vehicles are replaced.

If the municipality can replace all old vehicles the projected amount will be 53 million for the replacement of the following vehicles

- 3 X vacuum tankers
- 5 X honey suckers
- 3 X TLBs
- 2 X 8000L water tankers
- 3 X 6000L water tankers
- 5 X 8 ton tipper trucks
- 6 X 4 ton tipper trucks

And a further 15 million to replace all LDVs and sedans totaling 68 million to replace all old fleet

The amount above is without the fire service

To achieve the objectives outlined above over a span of three financial years for the municipality:

1st Financial Year:

Procure essential yellow equipment, including:

- Honey suckers

- Water tankers

- Vacuum tankers

2nd Financial Year:

Acquire LDVs for the entire municipality.

3rd Financial Year:

Address all outstanding equipment and vehicles.

Tippers trucks

Hire of vehicles
As of the current date, the municipality possesses a total of 25 Light Duty Vehicles (LDVs) distributed throughout the entire municipality, as detailed in the list below.

Infrastructure:
Water and Sewer: 16 LDVs
Community Service
Solid Waste: 3 LDVs

Law Enforcement: 3 LDVs
Integrated Human Settlement:
1 LDV
Environmental Service:
2 LDVs

The total expenditure for the hiring of LDVs across the entire municipality amounts to R8,389,591.31.

Main Reasons:
Infrastructure Maintenance: This involves executing work related to water and sewerage maintenance across the broader Knysna municipal area.

Operational Flexibility: This is aimed at enlarging the existing municipal fleet to manage temporary surges in vehicle breakdowns, as the vehicles currently in use are aging and frequently experience breakdowns.

Regarding the hiring of yellow plant equipment, the municipality has spent approximately 55 million under the contract T17/2023/24.

RELEVANT LEGISLATION

N/A

RECOMMENDATION OF THE ACTING MUNICIPAL MANAGER

That Council note the contents of the report.

APPENDIX / ADDENDUM

Annexure A: Fleet Management Policy

File Number:	9/1/2/1
Execution:	Manager Electro Technical

Draft policy

Knysna
Municipality || Munisipaliteit || uMasipala
inclusive || innovative || inspired

FLEET MANAGEMENT POLICY

TABLE OF CONTENTS

1. PURPOSE

1.1 Regulate, control and monitor the use of Municipal vehicles of Knysna Municipality.

1.2 Ensure that the users of Municipal vehicles comply with a uniform policy and procedures in respect of fleet management.

1.3 Ensure that Municipal vehicles are optimally and effectively used for the rendering of municipal services.

1.4 Ensure cost-effective and efficient usage of available funding in respect of fuel and maintenance.

1.5 Prevent possible abuse/misuse of Municipal vehicles.

1.6 Enhance safe driving and usage practices in respect of Municipal vehicles.

2. DEFINITIONS

For this Policy, the following definitions shall apply:

Officials

*A*ny person who is permanently or temporary employed or contracted by the Knysna Municipality.

Municipal Vehicle

All vehicles registered in the name of Knysna Municipality and all vehicles from the Provincial Government of the Western Cape made available by way of an official agreement to be utilise by Knysna Municipality.

Leased / hired vehicle

Authorised Driver

An authorised driver is an official of Knysna Municipality who holds the prescribed applicable valid driver's License and are competent to operate such vehicle, and who has been duly authorised to drive an official vehicle from external service prover by a Vehicle Administrator who has the authority to grant such approval.

Vehicle Administrator

Vehicle administrator is a designated Senior Fleet Officer/Manager of Electrical and Mechanical department who is responsible for the allocation of Municipal vehicles to duly authorised drivers.

3. STATURORY AND LEGAL FRAMEWORK

This policy must comply with all relevant legislative requirements including:

3.1 The Constitution of the Republic of South Africa, 1996.
3.2 Municipal Structures, Act 117 of 1998.
3.3 Municipal Systems, Act 32 of 2000.
3.4 Municipal Finance Management, Act 56 of 2003.
3.5 National Road Traffic (NRTA), Act 93 of 1996.
3.6 Occupational Health and Safety, Act 85 of 1993.
3.7 Knysna Municipality: Asset Management Policy.

4. SCOPE

4.1 This policy applies to all officials and Councillors of Knysna Municipality, and governs the use and maintenance of all the Municipal vehicles of the Knysna Municipality.
4.2 Members of the public may not operate/drive an Municipal vehicle.
4.3 Any employee, who receives essential vehicle assistance, traveling allowance or any other form of transportation allowance, may not operate/drive an official vehicle, subject to approval being granted as stipulated in 4.4 below.
4.4 If the requirement arises that an unauthorised driver/operator requires to use an official vehicle to fulfil his/her official duties, prior permission can be granted by the relevant departmental Director in writing. The usage may be required either due to:
4.4.1. His/her vehicle not available, in which case repayment or partial repayment may be required,
4.4.2 A requirement to operate a specialised vehicle, such as a cherry picker, Crane truck, Vacuum Truck, refuse compactor truck, emergency services vehicle, etc.
4.4.3 A group of municipal officials/councillors requires the use of the minibus to conduct their official duties. The minibus can be booked at the relevant Directorate.
4.5 A group of members of a statutory committee(s) of the Municipal Council may be transported for official business purposes in a minibus subject to approval by the relevant Director.
4.6 Authorisation from the relevant Director/Manager of an Municipal vehicle shall be submitted to Fleet Management before the use of the official vehicle.

5. VEHICLES OF EXTERNAL SERVICE PROVIDERS (RENTAL VEHICLES)

Where an official of Knysna Municipality utilises a vehicle from an external service provider, the policies and conditions of the service provider must be accepted and adhered to by such an authorised driver.

3. STATURORY AND LEGAL FRAMEWORK

This policy must comply with all relevant legislative requirements including:

3.1 The Constitution of the Republic of South Africa, 1996.
3.2 Municipal Structures, Act 117 of 1998.
3.3 Municipal Systems, Act 32 of 2000.
3.4 Municipal Finance Management, Act 56 of 2003.
3.5 National Road Traffic (NRTA), Act 93 of 1996.
3.6 Occupational Health and Safety, Act 85 of 1993.
3.7 Knysna Municipality: Asset Management Policy.

4. SCOPE

4.1 This policy applies to all officials and Councillors of Knysna Municipality, and governs the use and maintenance of all the Municipal vehicles of the Knysna Municipality.
4.2 Members of the public may not operate/drive an Municipal vehicle.
4.3 Any employee, who receives essential vehicle assistance, traveling allowance or any other form of transportation allowance, may not operate/drive an official vehicle, subject to approval being granted as stipulated in 4.4 below.
4.4 If the requirement arises that an unauthorised driver/operator requires to use an official vehicle to fulfil his/her official duties, prior permission can be granted by the relevant departmental Director in writing. The usage may be required either due to:
4.4.1. His/her vehicle not available, in which case repayment or partial repayment may be required,
4.4.2 A requirement to operate a specialised vehicle, such as a cherry picker, Crane truck, Vacuum Truck, refuse compactor truck, emergency services vehicle, etc.
4.4.3 A group of municipal officials/councillors requires the use of the minibus to conduct their official duties. The minibus can be booked at the relevant Directorate.
4.5 A group of members of a statutory committee(s) of the Municipal Council may be transported for official business purposes in a minibus subject to approval by the relevant Director.
4.6 Authorisation from the relevant Director/Manager of an Municipal vehicle shall be submitted to Fleet Management before the use of the official vehicle.

5. VEHICLES OF EXTERNAL SERVICE PROVIDERS (RENTAL VEHICLES)

Where an official of Knysna Municipality utilises a vehicle from an external service provider, the policies and conditions of the service provider must be accepted and adhered to by such an authorised driver.

The Knysna Municipal policy shall also apply to the rental vehicle.

6. RESPONSIBILITIES OF FLEET MANAGEMENT

The Fleet Management Section is largely responsible for the management and control of the vehicle fleet regarding:

6.1 Procurement of vehicles and related fixtures;
6.2 Maintenance and servicing of vehicles and related fixtures;
6.3 Safeguarding of vehicles;
6.4 Financial and other administrative record-keeping related to vehicles;
6.5 Inspection of all vehicles on at least a quarterly basis;
6.6 Ensure allocation of vehicles to vehicle administrators/authorized drivers;
6.7 Deal/assist with investigations regarding any incidents related to misuse/in appropriate use and accidents; with regard to the fleet;
6.8 Financial and other administrative duties (including record-keeping) related to the fleet, and
6.9 Ensure timely communication regarding matters related to fleet management to all affected stakeholders.

7. RESPONSIBILITIES OF AUTHORISED DRIVERS

7.1 The full cooperation of all employees that make use and are dependent on the Municipal vehicle to execute their official duties are always required to ensure that Knysna Municipality's Fleet Management System functions in an effective and efficient manner.
7.2 All authorised drivers are expected to accept and exercise the responsibilities associated with the operation of vehicles, as prescribed in this policy.
7.3 The authorised drivers shall be held accountable for the vehicle in his/her possession.
7.4 Appropriately, licensed and duly authorised officials whom has undergone a competency-driving test with the municipal traffic officer shall only drive the vehicles authorised for.
7.5 All Officials must ensure that their driving licenses are always valid and are renewed before the expiry date.

7.6 All authorised drivers shall sign the handover document in line with the Fleet Management Policy before they are permitted to drive an Municipal vehicle.
7.7 All Municipal vehicles must be issued with a logbook (hard copy or electronic). The authorised driver is responsible to record all his/her trips in the logbook on a daily basis.
7.8 Authorised drivers shall use the Municipal vehicles only for execution of official duties.
7.9 Officials may not tamper with the speedometer or any part of an official vehicle.

7.10 Municipal vehicles may only be utilised as per the applicable prescribed license requirements.

7.11 No Municipal vehicle shall be used for unofficial training.

7.12 When a Municipal vehicle requires fuel, the authorised driver may use the closes filling station if safe to do so and shall keep the transection slips safe and be submitted to his/her supervisor. The supervisor is then required to keep record of all fuel slips.

7.13 Authorised drivers shall adhere to the manufacturer's specifications and the National Road Traffic, Act 93 of 1996 (NRTA) to prevent overloading or incorrect load distributions.

7.14 All loads shall be properly secured.

7.15 Authorised drivers shall accept responsibility for the Municipal vehicle and its load, and for safe driving practices.

7.16 Authorised drivers shall adhere to all traffic regulations whilst supporting green band driving. (Green band driving is a measure of the use of the most efficient range of the engine).

7.17 No water shall be used to top up engine coolant. Only pre-mix antifreeze shall be used and can be obtained from the Municipal Mechanical Workshop.

7.18 Officials who are authorised to drive an official vehicle must have of a valid driver's license in terms of the National Road Traffic, Act 93 of 1996 (NRTA) for the particular class of vehicle utilised by him/her.

7.19 It is the responsibility of the official to inform his/her dedicated vehicle administrator in the event of his/her driver's license being revoked or suspended.

7.20 Vehicle administrators must ensure that no official operates an Municipal vehicle without a valid driver's license and competent-driving test certificate issued by the Knysna Municipal traffic department.

7.21 All vehicle are fitted with tracking device and all drivers shall be issued with an driver identification tag. It is the responsibility of the authorised driver to safe guard the ID tag and should the authorise driver damage of loose the ID tag He/she will be liable to pay for new ID tag.

7.22 **Professional Driving Permit (PrDP)**

7.22.1 Authorised drivers who in terms of prescribed legislation must have of PrDP must ensure that their PrDP are always valid and are renewed before the expiry date.

7.22.1 Knysna Municipality will bear the costs of all authorised drivers who in terms of their job requirements must possess a PrDP.

7.23 **Public Image**

7.23.1 All Municipal vehicles shall be driven safely and courteously, which will promote the Knysna Municipality's public image.

7.23.1 All Municipal vehicles must be branded with an identifiable approved official logo, excluding Municipal vehicles utilised by Councillors.

7.24 **Tidiness**

7.24.1 Municipal vehicles should at all times be kept in a neat and tidy condition by employees.

7.24.2 Upon returning from each trip, Municipal vehicles must be cleared of all items not belonging in the vehicle (refuse, personal items, etc.).

7.24.3 Vehicle administrators shall ensure that all Municipal vehicles are washed and vacuumed at least on a bi-weekly basis.

7.25 **Careful Handling**

Municipal vehicles shall at all times be driven and handled with proper care and attention to obtain the best mechanical service and avoid infringements of the law.

7.26 **Inspections of Municipal vehicles**

7.26.1 Pre- and post-inspections of Municipal vehicles are to be carried out by each authorised driver before embarking on a trip and after completion of a trip and/or daily to ensure that the vehicle is in a roadworthy, safe working and clean condition, by also completing the prescribed inspection form indicated in annexure A.

7.26.2 The relevant authorised driver must grease all yellow machines (i.e. digger loaders, graders, excavators, compactors) as per manufacturer's specifications.

7.26.3 Refuse compactors will be greased weekly by the relevant authorised driver, based on the schedule provided by the vehicle administrator.

7.26.4 The abovementioned inspection forms must be presented to his/her vehicle administrator on a weekly basis.

7.26..1 Any damage/defects found by the authorised driver during the course of the inspection must be reported in writing the same day to his/her supervisor and traffic department who must report it to the insurance section for further action.

7.26..2 The last authorised driver of a Municipal vehicle will be held responsible for any unreported damage/defects/loss.

7.26..3 If during an inspection it is found by an authorised driver that a license disc and/or number plate is lost, destroyed, expired or illegible, matter(s) must be reported without delay to his/her supervisor who must report it to the Fleet Management Department for further

action. The vehicle shall not be utilised until at such a time that the vehicle is deemed roadworthy.

7.26..4 8 All Municipal vehicles must be available for periodical inspection upon the instruction of the Fleet Management Department.

7.26..5 Employees may not display and/or affix any private signs, mascots, stickers or advertising material, on a Municipal vehicle.

7.26..6 All vehicles fitted with a turbocharger must be idled for 2 minutes after start-up, and before switching the engine off the engine must also be idled for 2 minutes.

7.27 **Safety**

7.27..1 Authorised drivers shall adhere to traffic rules and legislation and ensure that their passengers also adhere to such legislation, including the fastening of seat belts.

7.27..2 Any vehicle that is not deemed to be roadworthy will not be allowed to be operated and must be reported to the Fleet Management office by the relevant supervisor immediately.

7.27..3 All hydraulic lifting equipment shall annually be safety tested by an authorised load testing facility as prescribed by the Occupational Health and Safety, Act 85 of 1993. Lifting equipment not tested will be deemed unsafe and will not be used.

7.27..4 Cell phones shall not be used (including texting) whilst the authorised driver is operating a Municipal vehicle.

8. SAFE DRIVING

8.1 Traffic Fines

All drivers of Municipal fleet must adhere to the following legislative requirements pertaining to traffic fines as the driver is responsible for the payment of all fines:

8.1..1 In terms of the National Road Traffic Act, Act 93 of 1996,

8.1..2 Section 56 notice: A section 56 notice is issued by a traffic officer and usually involves an offence that happened while the vehicle was moving.

8.1..3 You have 14 days to pay and will need to attend court on the appointed date, which will be within 4 months.

8.1..4 When a 341 notice is sent to a motorist by post for violations caught on a traffic camera. It doesn't have a court date on it but is a first of 2 notices before the summons. If you fail to pay your fine after the notice, you will receive a summons. If you pay your fine you won't receive a summons.

8.1..5 Should a driver not pay the fine as stipulated above, the respective fleet officer will with the consent of the driver be send to the salary department for deduction. In order to prevent fines to be assigned to the municipal proxy (Director Infrastructure).

8.1..6 No authorised drivers will receive any financial assistance from the Municipality for payment of any fines and the official driver must ensure that the traffic fine(s) is paid on or before the due date as stipulated in the Fine Notice.

8.1..7 Traffic fines shall be transferred or redirected to the authorised driver.

8.2 **Speed Limit**

8.2.1 In terms of section 59(4) of the National Road Traffic, Act 93 of 1996 (NRTA), no person shall drive a vehicle on a public road at a speed in excess of the general speed limit, which applies in terms of that road or at a speed in excess of a speed limit indicated by an appropriate road traffic sign or in excess of the speed limit prescribed by the Minister in respect of the class of vehicle concerned.

8.2.2 Municipal vehicles may not be driven at a speed limit that may endanger the lives of passengers and/or other road users.

8.2.3 The speed must be adjusted to suit weather conditions, road conditions and the particular type of vehicle being used. Traffic and any other regulations applicable to the users of the road must be strictly adhered to at all times. All speeding infringements shall be redirected to driver and the municipality will not be liable.

8.3 **Night Driving: Correct use of Vehicle Lights**

All authorised drivers of Municipal vehicles must strictly adhere to Regulation 157 of the National Road Traffic, Act 93 of 1996 (NRTA); which requires, inter alia, that vehicle lights be operational at any time from sunset to sunrise and “at any other time when, due to insufficient light or unfavourable weather conditions and or persons and vehicles upon the public road are not clearly visible at a distance of 150 meters”.

8.4 **Unattended Municipal vehicles**

The authorised driver of a Municipal vehicle must turn off the ignition, close all windows and lock the doors and, if applicable, close and lock the boot or canopy windows and doors of the vehicle, whenever the vehicle is left unattended, excluding emergency vehicles when operationally active.

8.5 **Testing of Authorised Drivers**

Any authorised driver can at any time be instructed by Fleet Management to pass a competency test at the Traffic Department.

9. DUTIES OF VEHICLE ADMINISTRATORS (supervisors)

9.1 When a Municipal vehicle is issued to an authorised driver, the vehicle keys, vehicle logbook and fuel card must be handed over to the driver and care must be exercised that all the issued items are returned to the vehicle administrator.

9.2 The authorised driver must, at the end of his/her trip record the details as required in the Municipal vehicle logbook and sign off the logbook, before handing the logbook back to the vehicle administrator:

9.2..1 On receipt of the vehicle logbook, the vehicle administrator must check that all trips that were undertaken by the authorised driver are recorded on the vehicle log sheet to ensure accuracy and completeness.

9.2..2 If the vehicle administrator is satisfied that the information on the vehicle log sheet is correct, he/she must sign off the vehicle log sheet(s) as evidence that the information is correct, where after it must be submitted to the relevant Manager for signature then to Fleet Management Department by no later than the 7th working day of each month.

9.2..3 The vehicle administrator must submit to the Fleet Management Department, by no later than the 7th working day of each month, fuel slips, attached to the relevant copies of the vehicle log sheets for fuel/oil and tolls.

9.2..4 Vehicle inspection sheets will be kept on file by the driver and shall be made available to the Fleet Management Department for inspection from time to time. The driver of a vehicle must always ensure that the vehicle is roadworthy, with specific attention paid to the steering, brakes, lights, wipers, indicators, wheel nuts, tyre condition, and seatbelts

9.3 It is the responsibility of the vehicle administrator (supervisor) to ensure that all vehicles are timeously cleaned, greased, booked for services and repairs with the Fleet Management Department.

10. VEHICLE LOGBOOKS

Each authorised driver shall record in the vehicle logbook legibly and accurately details of the trip, as well as the closing Kilometre reading of the odometer upon return of the Municipal vehicle to establish the distances travelled per journey.

11. VEHICLE KEYS

11.1 All Municipal vehicle keys must be safely secured in a lockable storage facility (provided by the supervisor of each section) when the vehicle is not in use.

11.2 A designated driver to whom a Municipal vehicle is entrusted must personally and at all times ensure that the vehicle keys are in safe custody and that they are not lost or do not fall into the hands of unauthorised persons.

11.3 Should vehicle keys be lost, measures should immediately be taken by the authorised driver to safeguard the vehicle against theft or unauthorised usage. The loss of the vehicle keys must be reported immediately to the supervisor and Fleet Management. There after the matter shall be investigated by the establish committee.

12. SAFEGUARDING OF VEHICLES

The authorised driver of the Municipal vehicle of Knysna Municipality must take all reasonable steps to ensure the safeguarding of municipal property in Municipal vehicles (i.e. fuel, accessories, and tools) against theft and/or damage, even in instances when the official vehicle is vacated by the authorised driver.

13. FUEL AND OIL SLIPS

Fuel card must be booked in and out from the departmental supervisor of each section. The relevant authorised driver of a Municipal vehicle must hand in the fuel slips to the supervisor on weekly basis. Additionally it is imperative for the section manager to monitor fuel consumption on a monthly basis to encourage drivers to be more conservative with their fuel usage.

13.1 **Supply**

13.1..1 Where employees in charge of Municipal vehicles require fuel and/or oil, they shall obtain supplies from the nearest designated supply point. Drivers are to ensure that the fleet number, odometer reading and quantity of fuel supplied are entered correctly on the appropriate fuel station device or payment machine.

13.1..2 No oil shall be purchased from any fuel station; the authorised driver should ensure that there is adequate oil during the daily vehicle inspection.

13.2 **Fuel saving**

Some factors that have a major bearing on fuel economy are set out below for the guidance of all concerned:

13.2.1 Personal concern for the consumption obtained over specific distances or periods keeps interest alive and is an incentive towards obtaining better results. Abnormal increases in consumption indicate losses such as those caused by careless driving, theft, leakage, mechanical defects or errors in recording at fuel dispensing points.

13.2.2 Incidences identified in 13.2.1 must be reported to the Fleet Manager on a monthly basis.

13.2.3 The Fleet Manager will co-ordinate the information gathered in 13.2.2 and provide a report to Directors for the necessary attention.

13.2.4 Wastage due to the overfilling of the fuel tank must be avoided and vehicles must, wherever possible, be parked on level ground and in the shade.

13.2.5 Vehicles must at all times be driven in the gear ratio appropriate to the road conditions.

13.2.6 Road speeds must be kept as constant as possible.

13.2.7 Acceleration and braking must be executed smoothly and gently. The most uneconomical use of fuel occurs during acceleration and with the engine idling in a stationary vehicle.

13.2.8 Any strong smell of fuel must be investigated immediately, especially if noticed while the vehicle is in motion. Besides causing wastage, petrol leakage is highly dangerous.

13.2.9 The driver should not allow the engine of any vehicle or machine to run unnecessarily.

13.2.10 The supervisor of the department is tasked with overseeing the distribution and retrieval of fuel cards for each designated section, ensuring that no driver retains the fuel card longer than necessary for the purpose of refueling their vehicle. It is imperative that the authorized driver of a government vehicle promptly submits both the fuel receipts and the card following the refueling process. Additionally, the supervisor is obligated to scan these receipts and forward them to the fleet officer on a monthly basis.

13.2.11 Furthermore, it is crucial to maintain a comprehensive daily log of jerry can usage. This log should include specific details such as the date of each fill-up, the daily consumption of fuel (for instance, 7 liters used for a chainsaw, with 43 liters remaining), and the final balance of the jerry can at the end of each day. Such meticulous record-keeping is vital for effective fuel management and accountability.

13.2.12 By adhering to these protocols, the department can ensure efficient fuel usage and maintain accurate records, which are essential for operational transparency and resource management. The systematic approach to managing fuel cards and documenting jerry can usage not only promotes accountability among drivers but also supports the overall efficiency of the fleet operations.

13.3 **Fuel in separate containers**

The transporting of additional quantities of fuel in separate containers will be allowed only for small plant.

14. AFTER HOUR USAGE

14.1..1 Authorised drivers of Knysna Municipality may be approved to utilise Municipal vehicles after normal working hours or over weekends based on operational requirements. That only the officials on

standby duty be allowed to take the municipal vehicle to his/her residence after normal working hours. A Standby roster shall be submitted to fleet section/fleet officer prior commencement of standby. Such vehicles must be parked or locked in a safe area.

14.1..2 In the event where the authorized driver is not on the standby the roster shall submitted to the fleet officer, and he/she is required to perform standby duties. Therefore the line manager shall authorize the driver to utilize the vehicle after normal working hours in writing and the updated standby roster shall submitted to the fleet officer

14.1..3 Where Municipal vehicles have to be utilised after normal working hours the applicable vehicle administrator must authorise the prescribed official vehicle for overnight usage.

14.1..4 The authorised driver shall ensure that the official vehicle is parked at a secure location, as the authorized driver will be held accountable for any damages or loss whilst the vehicle is in his/her possession.

15. IRREGULAR USE OF MUNICIPAL VEHICLES

15.1 **Alcohol/Drugs/Prescribed Medicine/Personal Gain**

15.1..1 Authorised drivers may not drive an official vehicle when under the influence of alcohol or drugs.

15.1..2 Authorised driver not to use municipal vehicle for own transport.

15.1..3 Authorised drivers may not smoke any tobacco products while in an official vehicle.

15.1..4 Authorised drivers may not drink any liquor and/or take any illegal drugs while being in or on an official vehicle.

15.1..5 Authorised driver who are on any form of prescribed medication which may affect his/her driving capabilities must notify his/her supervisor accordingly by providing a letter from a registered medical practitioner.

15.2 **Passengers**

15.2.1 Any passenger who is not in the employment of Knysna Municipality must be authorized by the municipal manager/ Director Infrastructure to be transported for the purposes of official business of the Municipality.

15.2.2 The last-mentioned approved passenger must sign the prescribed indemnity form before embarking on a journey.

16. PROHIBITION OF EMPLOYEES FROM DRIVING MUNICIPAL VEHICLES

The Municipal Manager reserves the right to prohibit an employee from driving an official vehicle, either on a temporary or permanent basis, should circumstances deem it necessary.

17. USE OF VEHICLES OUTSIDE MUNICIPAL JURISDICTION

Municipal vehicles are primarily used for official business within the municipal boundaries. Use outside the municipal boundaries requires prior authorisation based on legitimate need.

17.1 **Authorisation process**: A written request outlining the purpose, destination, estimated duration, and justification for travel outside municipal jurisdiction must be submitted to the designated approver (e.g. Fleet Officer, line Manager and or Director). The request should include details on:

- Driver information (valid driver's license)
- Passengers if any
- Anticipated mileage

Pre-trip inspections are mandatory for all vehicles traveling outside the jurisdiction.

18. LIABILITY FOR LOSS OR DAMAGE.

An employee of Knysna Municipality, who has been found guilty in terms of the Disciplinary Procedure and Code Collective Agreement for the loss of or damage to an official vehicle, may be held liable for such loss or damage.

19. PUBLIC LIABILITY

The use of Municipal vehicles may expose an employee to public liability in the event of an accident if the accident is found to be caused by the driver's negligence.

20. MAINTENANCE OF MUNICIPAL VEHICLES

20.1 To guarantee that all Municipal vehicles are timely released for service and that the vehicle is delivered (and collected from) the designated Mechanical Workshop, the vehicle administrator must maintain a record of all vehicle servicing.

20.2 Any defects, faults or breakdowns, which are experienced on the route during official journeys, must be reported by the authorised driver to the vehicle administrator, who must make the necessary arrangements with Fleet Management Department for repairs to be executed.

21. TRACKING DEVICE

All personnel should be aware that Municipal vehicles are fitted with a tracking and video devices and is monitored. This measure aims to safeguard the driver, and municipal vehicles who is considered one of the municipality's most valuable assets.

Vehicle monitoring systems is crucial for effective municipal policy, and there are key aspects to monitor:

21.1 **Vehicle usage:** Track hoe often vehicles are used, by whom, and for what purpose. This can be done through trip logs, GPS tracking system. Monitoring usage helps ensure vehicles are being used appropriately and identifies potential inefficiencies.

21.2 **Maintenance:** Monitor and adherence to preventative maintenance schedules. Track repair cost and identify any recurring issues that might suggest a need for preventive maintenance adjustments.

21.3 **Accident:** Monitor accident rates and investigate causes to identify areas for improvement in driver training or vehicle safety features.

21.4 **Fuel efficiency:** Monitor consumption to identify opportunities for improvement.

22. MECHANICAL OR OPERATIONAL FAILURE

22.1 When mechanical or operational deficiencies occur while an official vehicle is being used, the employee must immediately contact the relevant vehicle administrator who must arrange with the Fleet Management Department to attend to the matter.

22.2 Under no circumstances may an employee of Knysna Municipality continue to operate an official vehicle if the operation could endanger any person, property or the vehicle itself.

22.3 When Municipal vehicles are experiencing breakdowns or are stuck, the authorised driver of such a vehicle shall inform his vehicle administrator who must arrange with the Fleet Management Department for the recovery of the vehicle. No person is authorised to tow an official vehicle unless approved by the Fleet Management Department.

23. VEHICLE REPLACEMENT

This policy establishes guidelines for replacing vehicles within the municipal fleet. It aims to optimize resource allocation, ensure safety, and promote cost-effective service delivery.

The Municipal Fleet Officer shall be responsible for the identification of vehicles requiring replacement according in compliance with Supply Chain Management.

If a vehicle is considered to be beyond economic repair all supporting information should be sent to the CFO for submission by way of report to the Council for consideration.

23.1 **Objectives**

- Replace vehicles when continued use becomes inefficient or unsafe.
- Promote responsible use of public funds.
- Maintain a reliable and efficient fleet to support municipal operations.
- Minimize environmental impact through newer, potentially more fuel-efficient vehicles.

23.2 **Replacement Criteria**

Vehicles may be considered for replacement based on a combination of factors:

- **Age:** Establish a baseline age limit for different vehicle categories (e.g., cars at 10 years, trucks at 12 years).
- **Mileage:** Set a maximum mileage threshold beyond which maintenance costs become excessive.

- **Condition:** Regular inspections by qualified mechanics will identify safety concerns or excessive repair needs.
- **Fuel Efficiency:** Consider replacing older vehicles with newer, more fuel-efficient models to reduce operating costs and environmental impact.
- **Operational Needs:** Changes in departmental needs might necessitate replacing a vehicle with a new fit-for-purpose vehicle.

24. ACCIDENTS

In the event of an accident / incident, the following procedures shall apply, irrespective of the severity of the accident/incident:

24.1 Where possible authorised driver/employees on the scene must contact the law enforcement officers for assistance and inform the Fleet Management Department.

24.2 Under no circumstances shall liability be admitted or unguarded statements be made to any person or payment offered or made to a third party.

24.3 Obtain as soon as possible the following information:

24.3..1 Registration number, make and type of vehicle involved in accident

22.3.2 Names and addresses of persons involved in the accident/incident

22.3.3 Insurance particulars of involved parties

22.3.4 Names and addresses of any person that can act as a witness, including occupants of involved vehicles

22.3.5 Take photos of the accident/ incident with your cell phone if available.

24.4 It is the responsibility of the authorised driver of an official vehicle to also immediately report any accident/incident to the relevant vehicle administrator and the South African Police Service, subject thereto that if it is not possible to report the accident immediately, it must be reported within 24 hours.

24.5 If involved in any kind of accident/incident the authorised driver where possible, shall submit within 24 hours after the accident to his/her vehicle administrator all documentation as per the Knysna Municipality.

24.6 The vehicle administrator shall within 48 hours submit the documentation as prescribed above (in 22.3) to the Assets Department.

24.7 The vehicle administrator shall return the affected vehicle and copies of documentation prescribed above (in 22.3) to the Fleet Management Department within 48 hours.

25. DISCIPLINARY ACTION

An employee who transgresses the prescriptions of this Fleet Management Policy will be subject to the possibly disciplinary action.

26. CRIMINAL PROCEDURES

The Municipal Manager, a third party or the National Prosecuting Authority of South Africa may institute criminal charges against an employee in a court of law should applicable legislation deemed it necessary.

27. EFFECTIVE DATE

The Fleet Management Policy will become effective upon approval by the Council of Knysna Municipality.

Policy Section	Fleet Management
Current update	
Previous review	
Approval by Council	

Weekly Inspection Register Municipal Vehicles

Vehicle Registration _____ User Department _____

Month_____ Date Start ____/____/____ Date End____/____/____

ODO Meter start _____ ODO Meter end _____

ITEM	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Interior							
Seats/floor							
Gear lever /handbrake/padel cluster							
Instrument panel/ sufficient fuel							
Hooter /Steering mechanism/ wipers							
Exterior							
Registration Plates							
Vehicle clean /body and paintwork undamaged							
Tyres : tread dept./wheel nuts rims/spare wheel							
Head lights (main and dipped beam /park lights							
Indicators							
Brake lights/ reverse light							
Windows/side mirrors clean and undamaged							
Engine Compartment							
Radiator full							
Oil level correct							
No oil and water leaks							
Operational							
Steering correctly							
Braking efficiently							
Gears/Clutch operating properly							
Print name (driver) and signature each day							
Supervisor name and signature							
Date inspected.....	**Fuel**	**Fuel**	**Fuel**	**Fuel**	**Fuel**	**Fuel**	**Fuel**
Driver comments							

5.8

IS08/08/26 REPORT ON THE ELECTRICAL & MECHANICAL DEPARTMENT CAPITAL PROJECTS FROM APRIL TO JUNE 2026

REPORT FROM THE DIRECTOR INFRASTRUCTURE SERVICES

PURPOSE OF THE REPORT

This report serves to provider report back to Council through the Section 80 Committee on the Capital Projects budgeted for under the Electrical & Mechanical Department.

PREVIOUS RESOLUTIONS

N/A

BACKGROUND

The Electrical and Mechanical Department budget year 2025/2026 entails the following projects.

1. Electrical & Mechanical department Capital projects
2. 100% Access to electricity for all households
3. Unplanned outages restoration outages

DISCUSSION

1. Capital Projects

ELECTRIFICATION PROJECTS				
WARDS	**AREA**	**FORMAL/INFORMAL**	**NO. OF HOUSES**	**AMOUNT SPENT**
3	HLALANI	FORMAL	34	
	HLALANI	INSTALLATION OF PREPAID METERS	32	
	NEKKIES	INFORMAL	6	
	DAM SE BOS	FORMAL	1	
	OUPAD	INFORMAL	10	
	OUPAD	FORMAL	2	
TOTAL			**75**	**R 672 147.95**
4	NEW REST	INFORMAL	16	
	QOLWENI	FORMAL	4	
	QOLWENI	INFORMAL	4	
	RHOBOLOLO	FORMAL	10	
TOTAL			**34**	**R 350 433.66**

6	SUNDRIDGE	INFORMAL	6	
	HEATHERDALE	FORMAL	3	
	HEATHERDALE	INFORMAL	5	
	GREEN OAKS	INSTALLATION OF MV NETWORK	0	
	FRAAISIG	FLOOD LIGHTS INSTALLATION	3	
	CABLE THEFT	INFORMAL	6	
TOTAL			**20**	**R 784 030.76**
7	BONGANI	ELECTRICITY METER INSTALLATION	95	
	EDAMENI	INFORMAL	15	
TOTAL			**110**	**R 680 734.53**
11	MOUNTAIN VIEW	INFORMAL	**18**	
	DIFFERENT AREAS IN WARD 11	INFORMAL	**16**	
	LOWER PEZULA	INFORMAL	**19**	
	JUNE VALLEY	INFORMAL	**26**	
			79	**R1099 094.24**
8	ZWELITSHA	INFORMAL	4	
	CONCORDIA SOUTH	FORMAL	9	
	PINE VALLEY	INFORMAL	6	
	CABLE THEFT	INFORMAL	20	
TOTAL			**31**	**R 555 048.53**

ELECTRICAL MATERIAL

ITEM	QUANTITY	AMOUNT
100KVA TRANSFORMER	**4**	**R821 406.42**

2. 100% Access to electricity for all households

2.1 Achieving 100% access to electricity for all households, often driven by frameworks like the Integrated National Electrification Programme (INEP) in South Africa, involves a hybrid operational approach combining grid expansion, off-grid solutions (solar home systems), and significant budgetary allocations to overcome rural challenges.

2.2 **Network Planning & Expansion:** The Department of Electricity & Energy (DEE) oversees the Integrated National Electrification Programme (INEP) to map settlements and extend medium and low-voltage lines. This includes upgrading

existing infrastructure to handle higher loads.

2.3 **Proactive Maintenance & Monitoring:** Utilizing digital grids and smart meters allows for real-time monitoring and proactive maintenance to ensure service quality.

2.4 **Free Basic Electricity (FBE) Administration:** Managing the indigent registers and implementing FBE (e.g., 70kWh/month) via pre-paid meters to ensure that poor households can afford to use the electricity once connected.

Budget and Financial Aspects

- **Funding Mechanism:** Electrification is largely funded by the state through conditional grants (fiscus) distributed by the National Treasury to municipalities.
- **Rising Costs:** To reach universal access by 2030, studies indicate that annual spending needs to increase, with some estimates suggesting a 200% increase in budgetary allocations for rural projects.

Challenges to 100% Access

Service Backlogs: The "hard-to-reach" nature of the remaining households makes the final stages of electrification slow and expensive.

- **Network Constraints:** Substantial network upgrades are needed in some areas like Smutsville to handle new connections.
- **Financial Sustainability:** The inability to recover operational costs from low-income rural consumers means long-term dependence on government subsidies.
- **Informal Settlement Growth:** The rapid growth of informal, often non-metered, households makes meeting defined targets difficult.
- **Operational Challenges:** A key challenge is that in many rural areas, electricity consumption is too low to cover the operating costs, meaning they require ongoing subsidization.
- **High Costs for Remote Areas:** Rural and "deep rural" connections are significantly more expensive than urban connections, requiring substantial capital investment per household.

3. Unplanned outages restoration

The target for restoring unplanned power outages is generally **100% within 24 hours** after the incident has been reported to the municipality's call centre.

Key Aspects of Municipal Power Restoration Policies:

- **100% Restoration Target:** The commitment is to restore 100% of unplanned power outages within 24 hours of reporting.
- **Excluded Cases:** This 24-hour target often excludes cases of vandalism, cable theft, or severe damage to electrical infrastructure that require extensive repairs.
- **Reporting Mechanism:** Residents are urged to report outages via official channels, such as the municipal call centre, by providing account details or specific location information.
- **Contingency Planning:** Municipalities maintain disaster management plans for emergencies that, according to Knysna Municipality, define outages as unexpected losses of electricity caused by equipment failure, damage, or natural disasters.

1.1. Common causes of unplanned outages

Vandalism and cable theft are major drivers of unplanned power outages in Knysna Municipality, damaging key substations, exploding mini-substations, and stripping copper wires. Criminal acts targeting the local electrical grid cost the municipality millions of rands and leave neighbourhoods unexpectedly in the dark.

1.2. Impacts on the Community

- **Prolonged Outages:** Repairs require specialized parts and heavy labour, delaying power restoration.
- **Financial Strain:** Unplanned repair costs drain municipal budgets meant for basic service delivery.
- **Secondary Dangers:** Exposed wires and broken panels create severe electrocution and fire hazards.

FINANCIAL IMPLICATIONS

N/A

RELEVANT LEGISLATION

N/A

RECOMMENDATION OF THE ACTING MUNICIPAL MANAGER

That the council notes the impacts of infrastructure vandalism to service delivery.

APPENDIX / ADDENDUM

N/A

File number: 9/1/2/1

Execution: Manager Electro Technical

5.9

IS09/08/26 REPORT OF THE ROADS, TRANSPORT & STORM WATER & BUILDINGS MAINTENANCE DIVISION (RTSBMD) FOR QUARTER 4 (25/26)

REPORT FROM THE DIRECTOR INFRASTRUCTURE SERVICES

PURPOSE OF THE REPORT

To report on the performance and actual percentage budget spent for all approved Roads and Storm water Maintenance Projects for Quarter 4 of the 2025 – 2026 financial year. The report will also serve as portfolio of evidence in terms of the SDBIP.

PREVIOUS RESOLUTIONS

N/A

BACKGROUND

The Key Performance Areas (KPA's) of the Division relates to Operations and Maintenance of the roads and storm water networks on municipal property, and the subsidized maintenance of the N2/Main Street. The Division also maintains existing and paints new traffic markings, acts as the maintenance agent for repairs to municipal buildings for the user department's account, and does other ad-hoc activities with and behalf of other directorates.

DISCUSSION

Budget expenditure
The Repairs and Maintenance expenditure report up to 30 June 2026 is shown in Table 1 and is based on the report prepared by the CFO's office.
Table 1: Maintenance Budget Expenditure

Activity	Original Budget	Adjustment Budget	Expenditure	% Expenditure
General road maintenance	3 800 000	3 677 323	1 925 871	52%
Gravel Roads	1 800 000	1 776 863	1 072 233	60%
Storm water drains	1 000 000	999 969	532 185	53%

SDBIP
Table 2 lists the division's SDBIP indicators, targets and achievements to date in terms of the units prescribed in the SDBIP. The achievements are also split between 'Internal' meaning achieved using own internal resources and 'External' meaning achieved through outsourcing.
Table 2: Maintenance outputs vs the SDBIP (Internal and External)

KPI Ref.	Unit of Measurement	KPI	Annual Target	Achievements up to 30 June 2026

D227	General road maintenance (m²)	Perform repairs and maintenance on the roads network	5000	Internal 3 767 External 516 **Total 4 283**
D229	Gravel roads (km)	Regravelling and blading of gravel roads	10	Internal 25 External 0 **Total 25**
D 230	Storm water drains (no.) (including manholes, catch pits and outlets)	Cleaning of stormwater structures	100	Internal 369 External 0 **Total 369**
	Storm water pipes (m) (including open drains and ditches)	Cleaning of stormwater structures	Not specified	Internal 10 217 External 0 **Total 10 217**

Resources
Knysna suffered from heavy rainstorms during May and June 2026 respectively, which led to roads and stormwater infrastructure damages. The division was able to employ a total of 80 temporary workers between Knysna and Sedgefield from 19 May 2026 until 18 June 2026 to assist with mopping up operations, general repairs and general maintenance to the affected areas. The appointment of the contract workers was of great assistance the division is crippled with staff shortages due to the high percentage vacancy rate of 74%.
The Senior Superintendent (Roads & Storm water), Senior Superintendent Gravel and Superintendent (Sedgefield) have been advertised as well as two driver/operator positions and 5 general assistants, the latter posts closed in April 2026 and is currently at shortlisting stage.

Maintenance program
Due to the rainstorms in May and June 2026, the division had to prioritize mop up operations on major arterials to restore access to formal and informal areas. After the mop up operations our teams were directed to focus on the Oyster Festival readiness program where we repaired potholes in and around the CBD areas as well as around the festival venues. This unfortunately meant we had to divert teams and could not follow our routine maintenance program during the fourth quarter.
Conclusions
In respect of the SDBIP, storm water and gravel roads met the annual targets, and this is mainly due to the employment of the temporary workers and the insourcing of a complete gravel plant unit. Purchase orders for stormwater cleaning was generated in May 2026 order amounts were not depleted. However, the RFQ's are still valid, and shortfall orders were generated in the new financial year.
In respect of surfaced road maintenance, the SDBIP target was not met due to the internal teams diverted to mop up operations after the two rainstorm events in May and June respectively. During the 2025/2026 financial year the division experienced some challenges

which resulted in delays in service delivery. The high vacancy rate, and especially the high number of vacant positions, makes efficiency and legal compliance almost impossible to achieve simultaneously. This will be alleviated by the appointment of the critical positions currently at the shortlisting stage.

FINANCIAL IMPLICATIONS

N/A

RELEVANT LEGISLATION

N/A

RECOMMENDATION OF THE ACTING MUNICIPAL MANAGER

That Council note the report.

APPENDIX / ADDENDUM

Annexure 1 Maintenance Report for Regravelling 2025-2026 Financial Year
Annexure 2 Maintenance for Stormwater Cleaning 2025.2026 Financial Year
Annexure 3 Maintenance Report for Pothole Repairs 2025-2026 Financial Year

File Number:	9/1/2/1
Execution:	Manager Public Works

KNYSNA MUNICIPALITY
MAINTENANCE REPORT FOR REGRAVELLING : 2025/2026 FINANCIAL YEAR

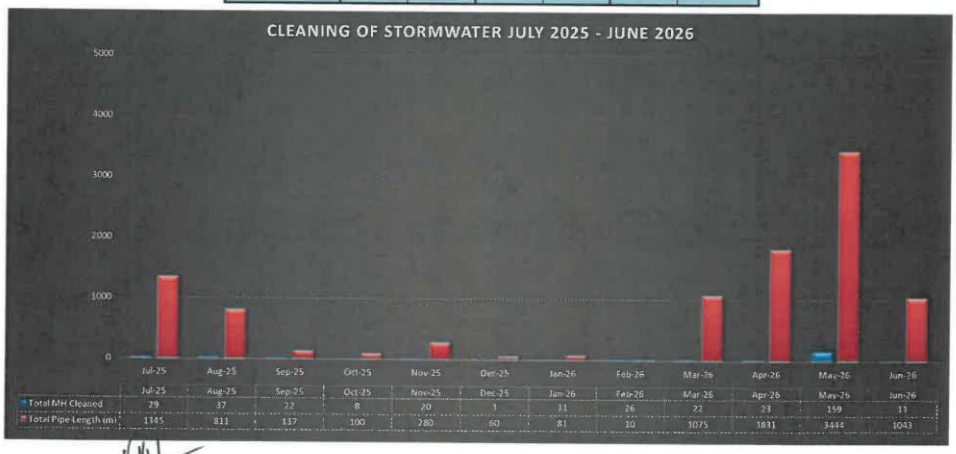
No.	Month	INTERNAL TEAMS	EXTERNAL CONTRACTORS	Total Length(km)
		Length(km)	Length(km)	
1	Jul-25	0,0	0,0	0,0
2	Aug-25	1,5	0,0	1,5
3	Sep-25	3,9	0,0	3,9
4	Oct-25	0,0	0,0	0,0
5	Nov-25	1,3	0,0	1,3
6	Dec-25	7,0	0,0	7,0
7	Jan-26	2,0	0,0	2,0
8	Feb-26	1,2	0,0	1,2
9	Mar-26	3,5	0,0	3,5
10	Apr-26	1,3	0,0	1,3
11	May-26	1,2	0,0	1,2
12	Jun-26	2,2	0,0	2,2
TOTAL		25,1	0,0	25,1

SIGNATURE : MANAGER

SIGNATURE : DIRECTOR

KNYSNA MUNICIPALITY
MAINTENANCE REPORT FOR STORMWATER CLEANING : 2025/2026 FINANCIAL YEAR

No.	Month	INTERNAL TEAMS		EXTERNAL CONTRACTORS		SUMMARY	
		No. of MH cleaned	Pipe Length (m)	No. of MH cleaned	Pipe Length (m)	Total MH Cleaned	Total Pipe Length (m)
1	Jul-25	29	1345	0	0	29	1345
2	Aug-25	37	811	0	0	37	811
3	Sep-25	22	137	0	0	22	137
4	Oct-25	8	100	0	0	8	100
5	Nov-25	20	280	0	0	20	280
6	Dec-25	1	60	0	0	1	60
7	Jan-26	11	81	0	0	11	81
8	Feb-26	26	10	0	0	26	10
9	Mar-26	22	1075	0	0	22	1075
10	Apr-26	23	1831	0	0	23	1831
11	May-26	159	3444	0	0	159	3444
12	Jun-26	11	1043	0	0	11	1043
TOTAL		369	10217	0	0	369	10217



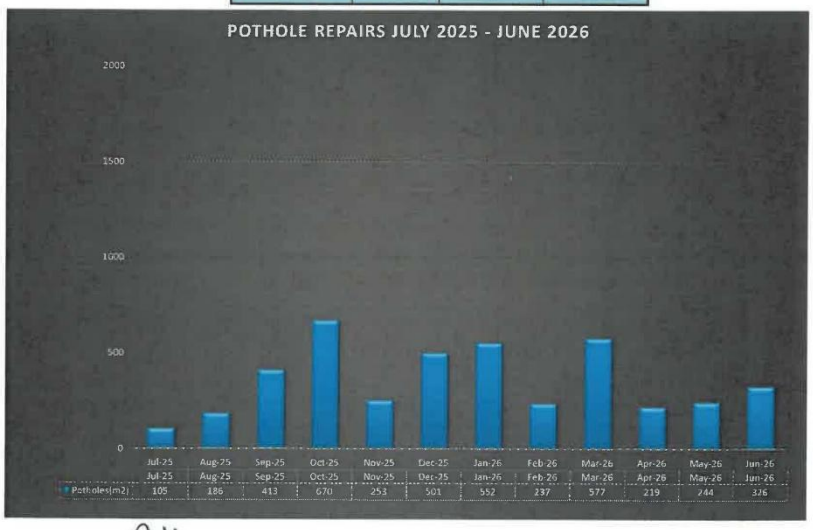
SIGNATURE : MANAGER

SIGNATURE : DIRECTOR

KNYSNA MUNICIPALITY
MAINTENANCE REPORT FOR POTHOLE REPAIRS : 2025/2026 FINANCIAL YEAR

SUMMARY

No.	Month	INTERNAL TEAMS	EXTERNAL TEAMS	TOTAL
		Area (m2)	Area (m2)	
1	Jul-25	105	0	105
2	Aug-25	186	0	186
3	Sep-25	413	0	413
4	Oct-25	670	0	670
5	Nov-25	253	0	253
6	Dec-25	501	0	501
7	Jan-26	372	181	552
8	Feb-26	99	138	237
9	Mar-26	379	198	577
10	Apr-26	219	0	219
11	May-26	244	0	244
12	Jun-26	326	0	326
TOTAL		3767	516	4283



SIGNATURE : MANAGER

SIGNATURE : DIRECTOR

5.10

IS10/08/26 AMENDMEND OF THE GREATER KNYSNA WATER RESTRICTIONS

REPORT FROM THE DIRECTOR INFRASTRUCTURE SERVICES

PURPOSE OF THE REPORT

To inform Council that we need to review the water restriction in terms of the item approved by Council in 2016.

PREVIOUS RESOLUTIONS

AMENDMENT OF THE GREATER KNYSNA WATER RESTRICTIONS SCHEME

UNANIMOUSLY RESOLVED

(By the Mayoral Committee on 12 May 2016)

[a] That the report on the Amendment of the Greater Knysna Water Restrictions Scheme, be noted;

[b] That approval be granted to the following Levels for the water conservation strategy with immediate implementation:

Proposed amended water restrictions

To elevate the above the department proposes the following levels in terms of Water Conservation stages dependent on dam storage levels.

Level	Storage	Water Supply Days	Final Measure
Level 1	100%- 61%	85 – 44 Days	Current water restriction
Level 2	60% - 41%	43 – 30 Days	Tariff Management: Implement Drought Tariff Stage 1
Level 3	40% - 31%	29 – 22 Days	Introduce Water Management Devices and Approved Drought Tariff Stage 2
Level 4	30% - 21%	21 – 15 Days	Introduce Water shedding and Drought Tariff Stage 3
Level 5	20% - 0%	<14 Days	Water rationing

[c] That these measures be part of the approved water conservation strategy.

SC01/01/26 DECLARATION OF THE GREATER KNYSNA MUNICIPAL AREA AS A LOCAL STATE OF DISASTER

UNANIMOUSLY RESOLVED

[a] That Council take note of the report from the Directors of Community Services and Infrastructure;

[b] That Council take note that the Knysna Municipality is currently experiencing severe water and infrastructure challenges;

[c] That the Department of Agriculture be urgently requested to conduct an Assessment report on the agricultural areas within the Knysna Municipal Area to establish the impact of the drought in this area;

[d] That Council resolve that the Greater Knysna Municipal Area be declared as a Local Disaster Area due to the current drought situation and Water Reticulation Ageing Infrastructure Challenges.
[e] That the Garden Route District Municipality be requested to support the classification and declaration of a local state of disaster in the Knysna Municipal Area;
[f] That the Garden Route District Municipality be requested to assist the established Local Joint Operation Centre (JOC) with the coordination of both short- and long-term interventions needed to address this crisis;
[g] That Council take note of the Water Augmentation Projects as indicated under the heading Operational Response and JOC Coordination;
[h] That Council reconfirm the continuation of the Local Joint Operation Centre under the Directorate of Community Services;
[i] That Council acknowledges, with appreciation, the support received thus far from the Western Cape Department of Local Government, BOCMA, the National Department of Water and Sanitation;
[j] That Council resolve that the contingency measures and the necessary preparations be made to implement, should we reach "DAY ZERO" in line with the relevant Policy Restriction Levels and also engage communities on measures on how to avoid "DAY ZERO";
[k] That the Community be informed through the Public Participation Unit on the protocol process of "DAY ZERO", if activated;
[l] That Council acknowledge contributions by civic society, namely Gift of the Givers, The Muslim Council, PG Bison, KIG, Asivekelane, Greater Knysna Business Chamber, Knysna Infrastructure Group and others;
[m] That disciplinary action be implemented against those officials accountable for failing to take action to avoid the current water crisis.

BACKGROUND

The Greater Knysna Area was declared a drought disaster area on 16 January 2026 as per Council resolution [d] "That Council resolve that the Greater Knysna Municipal Area be declared as a Local Disaster Area due to the current drought situation and Water Reticulation Ageing Infrastructure Challenges."

DISCUSSION

As the pumping systems stabilized and more flow became available in the rivers, Council could pump more water constantly for storage in our Off-Channel Dam.
After the two motors were repaired at Charlesford Pump Station we steadily increased the level approximately 4% per week.
Akkerkloof Dam is currently at 46%, which is the barometer that we use to alter the water restrictions. At the current rate of replenishment from the Charlesford and Glebe pumping schemes, the Akkerkloof Augmentation Dam is filling at an average of just under 0.764% per day and therefore implying approximately 71 days until 100% is reached and no service interruptions are experienced, therefore by 30 September 2026. The latter estimate also assumes good health of the Knysna river at the Charlesford Pumpstation abstraction point.
The Council Resolution of 16 January 2026 determined that level 4 water restrictions must apply and stage 1 tariffs be implemented.
The water restriction level must now be adjusted to level 2, which is in the bracket between 40 – 60 % of the Akkerkloof Dam capacity and stage 1 tariffs must be implemented and to remain in place. It is however recommended that level 3 water level restrictions be implemented and that the Acting Municipal Manager be authorized to review how level 3 water level restrictions can be refined which may include the installation of water management devices and flow restrictors.

FINANCIAL IMPLICATIONS

Drought Tariff stage 1 must be implemented in terms of the 2026/27 Medium-Term Revenue and Expenditure Framework.

RELEVANT LEGISLATION

N/A

RECOMMENDATION OF THE ACTING MUNICIPAL MANAGER

[a] Council note the contents of the report; and

[b] That Council Implement Level 3 Water Restriction, including implementing Drought Tariff Stage 1 as per the Medium-term Revenue and Expenditure Framework.

[c] That Acting Municipal Manager be authorized to review the water level restrictions and remove the drought tariffs once the Akkerkloof Augmentation Dam levels rise above 60%.

APPENDIX / ADDENDUM

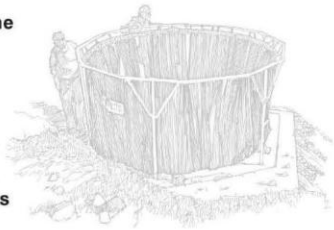
Annexure A: Water Restrictions

File Number:	9/1/2/1
Execution:	Manager Water & Sewer

TECHNICAL NOTES ON DRINKING-WATER, SANITATION AND HYGIENE IN EMERGENCIES 9

How much water is needed in emergencies

Water is essential for life, health and human dignity. In extreme emergency situations, there may not be sufficient water available to meet basic needs and in these cases, supplying a minimum level of safe drinking-water for survival is of critical importance. Insufficient water and the consumption of contaminated water are usually the first and main causes of ill health to affect displaced populations during and after a disaster. This technical note considers the minimum quantities of water that are required for survival in emergencies.



Factors affecting water requirements

The amount of water required to support life and health in an emergency varies with climate, the general state of health of the people affected and their level of physical fitness. Of equal importance in deciding how much water is needed are the expectations people have. A poor rural community may have far lower expectations concerning the quantity of water that is essential for life than people used to living in a wealthy urban environment. As a result, the poorer community is likely to consume less.

The Sphere Standards

Attempts have been made in the past to define minimum water quantities required in emergencies. In 2004, a cluster of relief agencies developed the document entitled *Sphere Humanitarian Charter and Minimum Standards in Disaster Response* which set standards for the minimum level of services people affected by an emergency should receive. For water supply, it states that all people should "have safe and equitable access to sufficient quantity of water for drinking, cooking and personal and domestic hygiene" and that public water points should be "sufficiently close to households to enable use of the minimum water requirement".

Most major relief agencies and their donors have accepted the Sphere Standards as the foundation for acceptable relief services. Sphere also describes *indicators* which relate to the delivery of the standards, including water quantity standards. Indicators are not binding like the standards; rather, they are suggestions of what might be a *reasonable interpretation* of the standards.

This technical note uses the Sphere indicators for guidance. Carefully consider your local situation to be sure that they are appropriate for the conditions you are dealing with.

How much water does an individual use?

People use water for a wide variety of activities. Some of these are more important than others. Having a few litres of water to drink each day, for example, is more important than having water for personal hygiene or laundry, but people will still want and need to wash for the prevention of skin diseases and meeting other physiological needs. Other uses of water have health and other benefits but decrease in urgency as Figure 9.1 demonstrates.

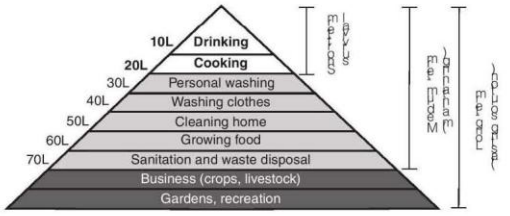


Figure 9.1. Hierarchy of water requirements (after Maslow's hierarchy of needs)

How much water is needed in emergencies

Priorities for water

People do not always have predictable needs. In some cultures, the need to wash sanitary towels or to wash hands and feet before prayer may be perceived to be more important than other water uses. Talk to people to understand their priorities. People may also have quite specific needs concerning the use of water for anal cleansing.

Women and men may have different priorities. Women may be concerned about basic household water requirements and water to wash during menstruation, whilst men may have concerns about livestock. In the assessment, waste spillage and leaks also need to be taken into consideration.

The Sphere Standards suggest a basic survival-level water requirement to use as a starting point for calculating demand (see Table 9.1). However, research indicates that 20 liters per capita per day is the minimum quantity of safe water required to realise minimum essential levels for health and hygiene. Therefore, efforts should be made to incrementally secure this amount for each individual.

Water sources and quality

People do not have to get all their water from a single source. They may be provided with bottled drinking-water, but use water from a stream to wash their clothes.

As demand for water increases, generally the quality required for each use can be reduced. Water for cleaning a floor does not have to be of the same quality as drinking-water and water for growing subsistence crops can be of a lower quality still.

Table 9.1. Simplified table of water requirements for survival (per person)

Type of need	Quantity	Comments
Survival (drinking and food)	2.5 to 3 lpd	Depends on climate and individual physiology
Basic hygiene practices	2 to 6 lpd	Depends on social and cultural norms
Basic cooking needs	3 to 6 lpd	Depends on food type, social and cultural norms
Total	**7.5 to 15 lpd**	lpd: Litres per day

Source: Adapted from Sphere. Also see WHO, 2011. *Guidelines for drinking-water quality, 4th edition.* World Health Organization, Geneva. http://www.who.int/water_sanitation_health/publications/2011/dwq_chapters/en/index.html

Sanitation and water requirement

The type of sanitation provided has a big impact on water requirement. Water-borne types of sanitation, such as flush toilets, require a large volume of water (up to 7L per person per use).

Pit latrines, or simple pour-flush toilets (Figure 9.3) have a much lower water requirement.

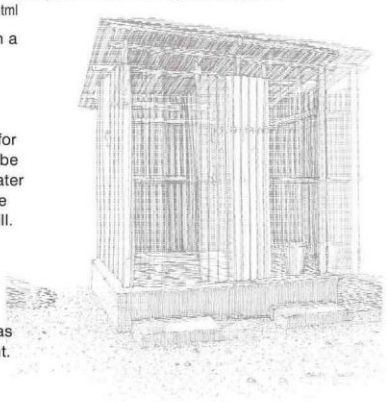


Figure 9.3. Pour-flush pit latrines

Accessibility

Even if plenty of water is provided, there may be other limits to its use, such as the time taken for people to travel and queue to collect it. If it takes more than 30 minutes to collect water, the amount they will collect will reduce (see Figure 9.4).

Providing washing and laundry facilities near the water points reduces the need to transport water.

Box 9.1. Minimum provision of domestic water containers

Two vessels 10-20L for collecting water plus one 20L vessel for water storage, (narrow necks and covers) per 5 person household.

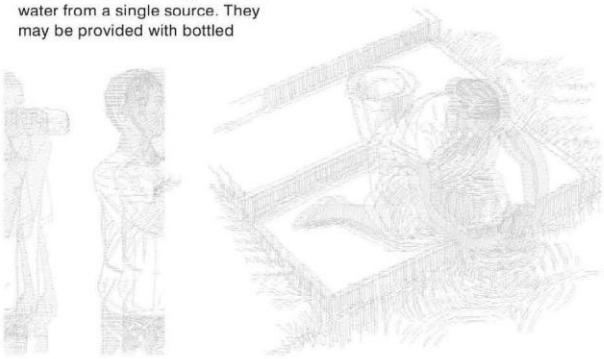


Figure 9.2. Water does not have to be of the same quality for all uses

How much water is needed in emergencies

Sphere (2004) suggests that in emergencies the maximum distance from any household to a water point be 500 metres and the maximum waiting time to collect water be 15 minutes.

Water for non-domestic use

Water is essential for many other services provided in emergencies, especially health care. Affected communities may also want to use water for religious activities and agriculture. Users, not providers, decide how they will use a scarce supply of water. If people consider their livestock to be more important than doing the laundry, then they will distribute the available water accordingly. Ensure that there is enough water to meet people's priority needs with enough left over to meet the priorities related to effectively managing the emergency! Table 9.2 suggests minimum water quantities for non-domestic uses.

Step-by-step improvements

In the first phase of an emergency, it may not be possible to meet all the water needs of the community. A staged-approach should be adopted with initial efforts focused on meeting survival needs (Figure 9.5). The service can be gradually be improved with time as resources allow (see Table 9.3).

Figure 9.5. Meeting survival needs

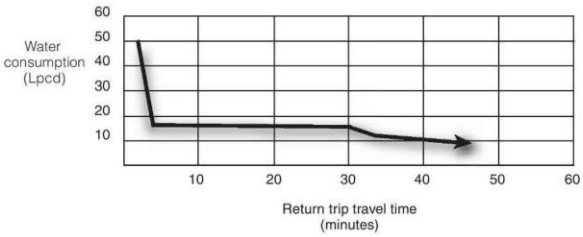


Figure 9.4. Relationship between water collection journey time and domestic consumption

Table 9.2. Guidelines for minimum emergency water quantities for non-domestic use

Use	Guideline quantity
Health centres and hospitals	5 litres/out-patient 40-60 litres/in-patient/day. Additional quantities may be needed for laundry equipment, flushing toilets, etc.
Cholera centres	60 litres/patient/day 15 litres/carer/day
Therapeutic feeding centres	30 litres/in-patient/day 15 litres/carer/day
Operating theatre/maternity	100 litres / intervention
SARS isolation	100 litres / isolation
Viral Haemorrhagic Fever isolation	300-400 litres / isolation
Schools	3 litres/pupil/day for drinking and hand washing (use for toilets not included: see below)
Mosques	2-5 litres/person/day for washing and drinking
Public toilets	1-2 litres/user/day for hand washing 2-8 litres/cubicle/day for toilet cleaning
All flushing toilets	20-40 litres/user/day for conventional flushing toilets connected to a sewer 3-5 litres/user/day for pour-flush toilets
Livestock/day	Cattle, horses, mules: 20-30 litres per head goats, sheep, pigs: 10-20 litres per head, Chickens: 10-20 litres per 100
Vegetable gardens	3-6 litres per square metre per day

Source: Adapted from Sphere

Table 9.3. Suggested quantities of water, and distances of water points from shelters at different stages of an emergency response

Time – from initial intervention	Quantity of water (litres/person/day)	Maximum distance from shelters to water points (km)
2 weeks to 1 month	5	1
1 to 3 months	10	1
3 to 6 months	15 (+)	0.5

Source: Adapted from Sphere. Also see WHO, 2008. *Essential environmental health standards in health care.* World Health Organization, Geneva. http://www.who.int/water_sanitation_health/hygiene/settings/ehs_hc/en/

How much water is needed in emergencies

Calculating water demand

A large number of assumptions have to be made to calculate the total water requirements in an emergency. Often, basic information is not available and the situation changes very quickly. Box 9.2 shows how total water demand can be estimated and the types of assumption that have to be made. Remember, it is only an estimate! Demand can be much higher or lower than estimated, so allow as much flexibility as possible in the amount of water you can actually provide.

Ensuring supply has an impact

Providing water does not always mean it will have the desired impact on, for example, the protection of health. Look at the entire water supply system and identify weak points. Providing more water to a tap stand will not necessarily increase consumption if it is too far away, or if people do not have enough water containers. Providing more water may cause drainage problems if there are no facilities for disposing of sullage. Regularly check how much water people are actually using; when and where are they using it; and how they are using it.

Box 9.2. A sample calculation

How much water is needed for a camp of 5,000 displaced people (including 1,000 primary school age children), 25 relief agency staff, and 75 cows?

The camp has a mosque and a small health centre without patient facilities. Each family has been provided with a pit latrine and most people use water for anal cleansing. A feeding centre is currently provided but is expected to close once the health of the population has stabilized. A primary school will be constructed at a later stage.

Decisions

- Water for crops will not be provided.
- Staff will be resident during the initial stages of the emergency but will be able to travel into the camp at a later date and are not normally included in this calculation.
- Assume 10% wastage from spills, leaks and waste.

Phase 1: Survival supply (litres)			
Domestic use:	5,000 x 7.5	=	37,500
Feeding centre (small children estimated number):	500 x 30	=	15,000
Carers:	500 x 15	=	7,500
Relief staff:	25 x 30	=	750
Health centre : (assume 250 visits per day):	250 x 5	=	1,250
Mosque (assume all adults visit daily):	3,000 x 2	=	6,000
Cattle:	75 x 20	=	1,500
Total :		=	*69,500*
Add 10% leakage:		=	6,950
Approximate litres per day:		=	76,450
Phase 2: Long-term solution (litres)			
Domestic use (assume population remains static):	5,000 x 15	=	75,000
Staff office (daily office use only):	25 x 5	=	125
School:	1,000 x 3	=	3,000
Health centre:	250 x 5	=	1,250
Mosque:	3,000 x 5	=	15,000
Cattle (allow for some growth in numbers):	100 x 30	=	3,000
Total		=	*97,375*
Add 10% leakage		=	9,737
Approximate litres per day:		=	107,112

Further information

House, Sarah and Reed, Bob (2000) *Emergency Water Sources: Guidelines for selection and treatment,* WEDC, Loughborough University, UK. http://wedc.lboro.ac.uk/publications/

The Sphere Project (2004) *Humanitarian Charter and Minimum Standards in Disaster Response.* The Sphere Project: Geneva, Switzerland. http://www.sphereproject.org

U.S. Agency for International Development, Bureau for Humanitarian Response, Office of Foreign Disaster Assistance (OFDA) (1998) *Field Operations Guide for Disaster Assessment and Response* http://www.usaid.gov/our_work/humanitarian_assistance/disaster_assistance/resources/index.html#fog

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MAYORAL COMMITTEE MEETING **March 2016**

AMENDMENT OF WATER RESTRICTIONS IN THE GREATER KNYSNA AREA TO ALLOW FOR CATOGARIES IN THE WATER RESTRICTIONS

REPORT FROM DIRECTOR TECHNICAL SERVICES:

PURPOSE OF THE REPORT

To amend the current water restrictions to allow for steps (categories) in the water restrictions as the water level changes in the dam.

BACKGROUND

The Greater Knysna Area make use of perennial rivers as its primary source of potable water. To overcome these conditions towns must have alternative storage or other schemes.
Under normal circumstances towns must have a storage capacity of at least six months or more. The Knysna Dam (Akkerkloof) and Glebe Dam only have the capacity to store 85 days (almost 3 months) raw water, which is clearly insufficient.
The department is in the process of finilise the next bulk scheme for Knysna, which will deal with the long term water demands.
On the other side of the equation the town must implement sterner water restriction as people are way above the 70litres (WHO guideline – Annexure A) per day which can sustain a person. The current rate is more than 200liters per capita per day (l/day).
Due the above and to distribute water fairly the current water restrictions must be amended. The restrictions will also take into account the availability of water.

The current water restrictions only allow for one category (level) that does not differentiate on the availability of the water resource. The department needs to improve the current water restriction by adding more categories that can be implemented on water availability.

Current Greater Knysna's Water Restrictions

The current approved water restriction are:

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[a] That the water restrictions be further relaxed to allow watering for one hour 3 days a week;

[b] That the use of hosepipes for gardening and other purposes and the use of irrigation systems be permitted from **18h00 to 19h00 during December to May (Summer) and 17h00 to 18h00 during June to November (Winter)** as follows:

[i] Mondays, Wednesdays and Fridays – Residents with even street numbers;

[ii] Tuesdays; Thursdays and Saturdays – Residents with odd street numbers;

[c] That residents obtain permission from the Director Technical Services before filling swimming pools and undertaking maintenance;

[d] That the amended water restrictions be published in the local newspapers and on the website; and

[e] That the Director: Technical Services communicate to the public the reason for not fully lifting the water restrictions in the Greater Knysna Area in terms of storage, supply and sources of water.

The above water restrictions were then adopted. The above restrictions are clearly insufficient and should be based on a risk profile. Businesses are excluded from these measures.

Proposed amended water restrictions

To elevate the above the department proposes the following levels in terms of Water Conservation stages dependent on dam storage levels.

Level	Storage	Water Supply Days	Final Measure
Level 1	100%- 61%	72 – 44 Days	Current water restriction – Allow watering times etc. (Will be lifted when we have more than 6 months storage)
Level 2	60% - 41%	43 – 30 Days	Tariff Management- Approved Drought Tariff Stage 1 (As approved in the 2015/16 Budget)
Level 3	40% - 31%	29 – 22 Days	Restrictive Devices to non-compliant customers , Approved Drought Tariff – Stage 2
Level 4	30% - 21%	21 – 15 Days	Water shedding – Drought Tariff Stage 3

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COMMENTS: COMMUNITY SERVICES

COMMENTS: CORPORATE SERVICES

EXECUTIVE SUMMARY / UITVOERENDE OPSOMMING

COMMENTS: LEGAL SERVICES

RECOMMENDATION

1. That council adopts these measures to be part of the approved water conservation strategy.
2. That council approves the following stages for the water conservation strategy for immediate implementation:
    a) Level 1 - Current water restriction Approved;
    b) Level 2 - Tariff Management- Approved Stage 1;
    c) Level 3 - Restrictive Devices to non-compliant customers, Approved Drought Tariff – Stage 2;
    d) Level 4 - Water shedding – Drought Tariff Stage 3; and
    e) Level 5 – Full Disaster Declaration with water rationing.

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6. CLOSURE

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