KNYSNA LOCAL MUNICIPALITY

Notice is hereby given of a

TECHNICAL SERVICES COMMITTEE MEETING

which will be held on

Wednesday, 12 February 2020

at

09:00

in the Council Chamber

to consider the following items

MUNICIPAL OFFICES

KNYSNA

S VATALA

MUNICIPAL MANAGER

A G E N D A

Cllr T Matika – [ANC] – Chairperson

Members: Cllr M Naki
Cllr S Kwinana
Cllr L Davis
Cllr E van Aswegen
1. OPENING AND WELCOME 3
2. ATTENDANCE: 3
  2.1 MEMBERS: PRESENT 3
  2.2 MEMBERS: ABSENT WITH LEAVE 3
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  2.4 Other Councillors Present 3
  2.5 Officials Present 3
  2.6 Members of the Audit Committee Present 3
  2.7 Members of the Public Present 3
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8. CLOSURE 47
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 of the Provisions of Code of Conduct for Councillors and Declaration of Interest

4. Presentation
   
   No presentation received
5. **MINUTES OF THE PREVIOUS MEETING**

5.1 **TECHNICAL SERVICES COMMITTEE MEETING 6 AUGUST 2019**
That the minutes of the Technical Services Committee meeting held on 06 August 2019, be confirmed.
KNYSNA LOCAL MUNICIPALITY

MINUTES

of a meeting of the

TECHNICAL SERVICES COMMITTEE

held in the Council Chamber on

Tuesday, 6 August 2019

at

12:30
1. Opening and Welcoming

At 12:30 the Chairperson welcomed Councillors, officials and member of the Audit Committee to the meeting.

2. Attendance of Members:

2.1 Members Present

Cllr M Salaze Chairperson
Cllr L Davis
Cllr M Naki
Cllr S Kwinana
Cllr A Tsengwa

2.2 Members Absent with leave

None

2.3 Members Absent without leave

None

2.4. Other Councillors Present

Cllr M Skosana
Cllr M Matiwane
Cllr S Ngqezu
Cllr T Matika
Cllr C Croutz
Cllr M Wasserman
Cllr E Van Aswegen
Cllr I Uys

2.5 Officials Present

Mr Phillips, E Acting Municipal Manager and Director : Community Services
Mr Van Niekerk, P Acting: Director: Planning and Development
Mr Hariparsad, P Director: Technical Services
Mr Parry, R Manager: Water and Sewer
Mr Maree, S Manager: Roads and Public Works
Mr Mattheus, C Manager: Administration
Mr Lawrence, J Manager: Electricity
Ms Botha, M Legal Service Officer
Ms Lakay, J Head: Committee and Councillor Support
Ms Fandese, N Committee Officer

Mr Ngxolwana, B Interpreter

2.6. Members of the Audit Committee Present:
Mr R Thorpe

2.7. Members of the Public Present

None


**RESOLVED**

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

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

4. **MINUTES OF THE PREVIOUS MEETING: 10 APRIL 2018**

**RESOLVED**

That the minutes of the meeting held on 10 April 2019, be approved.

5. **MATTERS SUBMITTED BY THE MUNICIPAL MANAGER**

**T01/08/19 REPORT ON CUSTOMER SERVICE REQUESTS**

**UNANIMOUSLY RESOLVED**

That the report on Customer Service requests, be noted.

File Number: 9/1/2/1
Execution: Director: Technical Services

**T02/08/19 GRAVEL ROAD UPGRADE PROJECT STATUS REPORT**

Refer to item T14/08/19.

File Number: 9/1/2/1
Execution: Manager Public Works
Cllr Davis left the meeting at 13:50 and did not return.

Cllr Tsengwa stepped out of the Council Chamber at 14:06 and returned at 14:31.

T03/08/19  FURTHER REPORT ON INCIDENT AT THE KNYSNA WASTE WATER TREATMENT WORKS

UNANIMOUSLY RESOLVED

That the contents of the further report on an incident at the Knysna Waste Water Treatment Works, be noted.

T04/08/19  REPORT ON OPERATIONS AND MAINTENANCE: WATER AND SEWER FOR MARCH AND APRIL 2019

UNANIMOUSLY RESOLVED

That the contents of the report on Operations and Maintenance: Water and Sewer for March and April 2019, be noted.

T05/08/19  DEPARTMENTAL PERFORMANCE MANAGEMENT REPORT [SERVICE DELIVERY AND BUDGET IMPLEMENTATION PLAN]

UNANIMOUSLY RESOLVED

That the Departmental Performance Management Report [Service Delivery and Budget Implementation Plan], be noted.

T06/08/19  KNYSNA BULK WATER AUGMENTATION: DAM PHASING

UNANIMOUSLY RECOMMENDED

[a] That the content of the Knysna Bulk Walter Augmentation: Dam Phasing report, be noted;

[b] That the phasing of a dam on Kruisvallei River, be supported; and

[c] That Director Technical Services continue with the feasibility for a new Dam for Knysna.

File Number:  9/1/2/1
Director: Technical Services

T07/08/19  ELECTRO-TECHNICAL OPERATIONS REPORT

UNANIMOUSLY RESOLVED

That the contents of the Electro – Technical Operations Report for March to April 2019, be noted.
UNANIMOUSLY RECOMMENDED

[a] That it be noted that no formal application process exists frustrating customers into illegal installations alternatively abandoning projects as per Table 2 in mitigation of risks and consequences.

[b] That an application template for new/existing installations to the Electro-Technical department limiting customers to 25% NMD. (Annexure 1), be recommended;

[c] That a new supply level agreement (Annexure 2) is signed with customer detailing conditions of supply; and

[d] That a policy be drafted to established to resolve metering, tariffs and systems for larger installations.

UNANIMOUSLY RESOLVED

That the contents of the report on the Municipal fleet, be noted.

UNANIMOUSLY RESOLVED

That the contents of the report on the operations and maintenance to stormwater and roads for March to May 2019, be noted.

File Number: 9/1/2/1
Execution: Manager Electro Technical
Director: Technical Services
Manager: Stormwater and roads
**MAINTENANCE PROGRAMME FOR ROADS AND STORM WATER, 2019/2020**

**UNANIMOUSLY RECOMMENDED**

That the report on the Maintenance Programme for Roads and Storm Water, 2019/2020, be noted.

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

**CBD RENEWAL PROGRAMME-GREY STREET PROJECT STATUS REPORT**

**UNANIMOUSLY RECOMMENDED**

That the contents of the CBD renewal programme – Grey Street Project Status report, be noted.

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

**STATUS OF CAPITAL PROJECTS 2018/19**

**UNANIMOUSLY RECOMMENDED**

That the report on the Capital Project Implementation for the 2018/2019 financial year, be noted.

File Number: 9/1/2/  
Execution: Director Technical Services  
Manager: PMU  
Manager: Public Works  
Manager: Water & Sewer

**GRAVEL ROAD UPGRADE PROJECT STATUS REPORT**

**UNANIMOUSLY RECOMMENDED**

That the report on the gravel road upgrade project be noted, and thereafter be forwarded to Council for perusal.

File Number: 9/1/2/9  
Execution: Director: Technical Services
7. Closure

The Chairperson thanked everybody present for their contribution and the meeting concluded at 16:20.

Approved:

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Chairperson: Cllr W Salaze

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Date
6. MATTERS ARISING FROM THE MINUTES
7. MATTERS SUBMITTED BY THE MUNICIPAL MANAGER

7.1

REPORT FROM THE DIRECTOR TECHNICAL SERVICES

PURPOSE OF THE REPORT


PREVIOUS RESOLUTIONS

N/A

BACKGROUND

Electro-Technical Department budget year 2019/2020, the following activity’s as per capital budget.
a. INEP Electrification
b. Electrification (Municipal funding)

DISCUSSION

1.1 INEP Electrification

A meeting between the Department of Energy and Knysna Municipal representatives convened on the 14th August 2019.

Matters arising in summary

1. Roll over of service connections
2. Incomplete Electrification Projects.

The rollover of service connections between two financial years, due to unforeseen constraints in regards to the completion of formal housing was in contravention of the allocation agreement between the municipality and the Department of Energy (DOE).
All DOE funding Bulk and Electrification funding is withdrawn for the 2019/2020 financial year until roll over connections are completed. The gazetted letter dated 1 October 2019 to Knysna Municipality.

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Number of connections</th>
<th>Status</th>
<th>Residence Type</th>
<th>Fiscal Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Happy Rest</td>
<td>44</td>
<td>Completed</td>
<td>Formal</td>
<td>17/18</td>
</tr>
<tr>
<td>Oupad</td>
<td>65</td>
<td>incomplete</td>
<td>Formal</td>
<td>17/18</td>
</tr>
<tr>
<td>Qolweni (Phase 1)</td>
<td>50</td>
<td>incomplete</td>
<td>Formal</td>
<td>17/18</td>
</tr>
<tr>
<td>Bloemfontein Phase 1</td>
<td>75</td>
<td>100% complete</td>
<td>Formal</td>
<td>17/18</td>
</tr>
<tr>
<td>Qolweni (Phase 2)</td>
<td>110</td>
<td>Incomplete</td>
<td>Formal</td>
<td>18/19</td>
</tr>
<tr>
<td>Bloemfontein Phase 2</td>
<td>75</td>
<td>Incomplete</td>
<td>Formal</td>
<td>18/19</td>
</tr>
<tr>
<td>Beverley Hills</td>
<td>60</td>
<td>Completed</td>
<td>Formal</td>
<td>18/19</td>
</tr>
</tbody>
</table>

A rollover application was submitted to DOE for Qolweni (Phase 2) and the DOE approved Oupad, the rollover application. The table illustrates the approved by DOE.

<table>
<thead>
<tr>
<th>Old Project</th>
<th>New Project</th>
<th>Number of connections</th>
<th>Status</th>
<th>Residence Type (New Project)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oupad</td>
<td>Slangerpark</td>
<td>65</td>
<td>incomplete</td>
<td>Informal</td>
</tr>
<tr>
<td>Qolweni (Phase 2)</td>
<td>Bongani Valley</td>
<td>24</td>
<td>Incomplete</td>
<td>Informal</td>
</tr>
<tr>
<td>Qolweni (Phase 2)</td>
<td>Love Corner</td>
<td>30</td>
<td>Completed</td>
<td>Informal</td>
</tr>
<tr>
<td>Qolweni (Phase 2)</td>
<td>Ethembeni</td>
<td>56</td>
<td>Completed</td>
<td>Informal</td>
</tr>
</tbody>
</table>

The electrification remainder completed after adjustment budget as per external funding regulations Future INEP funding applications is dependent upon the completion of historical housing projects.
1.2 Electrification (Municipal funding)
Informal settlements electrical connections completed April 2019

<table>
<thead>
<tr>
<th>Project name</th>
<th>Housing Type</th>
<th>Allocated connections</th>
<th>Number of connections completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blade Square</td>
<td>Informal</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>Slangerpark</td>
<td>Informal</td>
<td>90</td>
<td>90</td>
</tr>
<tr>
<td>Robololo</td>
<td>Informal</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>Endlovini</td>
<td>Informal</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>Bongani Valley</td>
<td>Informal</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>270</strong></td>
<td><strong>270</strong></td>
</tr>
</tbody>
</table>

Table 2 Municipal 2018/19 connections table

**Electrification of Informal Areas (Municipal funding Adjustment) 2018/2019**

An additional R2.7mil on the adjustment budget allocated to informal settlement electrification excluding a minor carryover from the original budget. The following settlements selected for electrification.

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Housing Type</th>
<th>Number of connections</th>
<th>Status</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ezweni</td>
<td>Informal</td>
<td>40</td>
<td>Completed</td>
<td>Customers can register for Electricity</td>
</tr>
<tr>
<td>Bongani Valley</td>
<td>Informal</td>
<td>42</td>
<td>Completed</td>
<td>Customers can register for Electricity</td>
</tr>
<tr>
<td>Blade Square</td>
<td>Informal</td>
<td>23</td>
<td>Completed</td>
<td>Customers can register for Electricity</td>
</tr>
<tr>
<td>Notzie</td>
<td>Informal</td>
<td>10</td>
<td>In progress</td>
<td>Waiting for an outage to change transformer</td>
</tr>
<tr>
<td>7 de laan</td>
<td>Informal</td>
<td>20</td>
<td>In progress</td>
<td>Waiting for lv enclosure to be installed</td>
</tr>
<tr>
<td>Robololo</td>
<td>Informal</td>
<td>70</td>
<td>Complete</td>
<td>Customers can register for Electricity</td>
</tr>
<tr>
<td>Makapela</td>
<td>Informal</td>
<td>40</td>
<td>Completed</td>
<td>Customers can register for Electricity</td>
</tr>
</tbody>
</table>

A planning session held with each councillor for the 2019/2020 electrification budget, an amount of R 2,160 000.00 allocated with ward areas identified tabulated below.
<table>
<thead>
<tr>
<th>Ward</th>
<th>Project Name</th>
<th>Number of connections</th>
<th>Status</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Ezweni</td>
<td>12</td>
<td>In progress</td>
<td>Bulk &amp; service connections QTY dependant on design.</td>
</tr>
<tr>
<td>8</td>
<td>Rose More</td>
<td>16</td>
<td>In progress</td>
<td>Bulk &amp; service connections QTY dependant on design.</td>
</tr>
<tr>
<td>3</td>
<td>Love Corner (BQ)</td>
<td>15</td>
<td>In progress</td>
<td>Service connections QTY dependant on design.</td>
</tr>
<tr>
<td>7</td>
<td>Katanga/Edameni</td>
<td>0</td>
<td>In progress</td>
<td>Infrastructure as per Councillors 2 year Master Plan, Ring-fence service connections in final Year. SOW dependent on design further consultation required.</td>
</tr>
<tr>
<td>4</td>
<td>Rhobololo 2</td>
<td>16</td>
<td>In progress</td>
<td>Bulk &amp; service connections QTY dependant on design.</td>
</tr>
<tr>
<td>1</td>
<td>Beverlyhills (West ERF 4157)</td>
<td>43</td>
<td>In progress</td>
<td>Service connections QTY dependant on design.</td>
</tr>
</tbody>
</table>

The construction period dependent upon each design as per Tender criteria with the appointed contractor. The project start date is 26 November 2019 and completion date is 25 March 2020.

A project schedule forwarded ward councillors, indicating contractor activity and expected completion.

**RELEVANT LEGISLATION**
N/A

**RECOMMENDATION OF THE MUNICIPAL MANAGER**

That the contents of the Electro-Technical Electrification Report for January 2020, be noted.

**APPENDIX / ADDENDUM**
N/A

File Number: 9/1/2/1

Execution: Manager Electro Technical
7.2

| T02/02/20 | RESURFACING OF ROADS – UPDATE REPORT |

REPORT FROM THE DIRECTOR TECHNICAL SERVICES

PURPOSE OF THE REPORT

The purpose of this item is to update Council on what was achieved during the first half of the financial year on the current resurfacing project.

PREVIOUS RESOLUTIONS

MT63/11/19 RESURFACING OF ROADS – UPDATE REPORT

RESOLVED BY THE MAYORAL COMMITTEE

That the contents of the resurfacing of Roads Update Report, be noted.

File Number : 9/1/2/1
Execution : Director : Technical Services
Manager : Public Works

BACKGROUND

The project was approved in the 2019/2020 Operating budget and is implemented in terms of the Roads Policy and RRAMS. This report is to be read together with the report submitted in September 2019 which explains the implementation rationale in detail.

DISCUSSION

The project commenced in July 2019 and is currently nearing completion. In the first half of the year the department spent 62.7% of the budget and Table 1 list the streets that have been resurfaced to date.
Table 1 Roads resealed for the year 2019/2020

<table>
<thead>
<tr>
<th>Ward</th>
<th>% Budget Allocation</th>
<th>Street Names</th>
<th>Length(km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>19</td>
<td>Walker, Grysbok, Duiker, Park</td>
<td>0,7</td>
</tr>
<tr>
<td>6</td>
<td>10</td>
<td>Shamrock, Stroebel</td>
<td>0,38</td>
</tr>
<tr>
<td>7</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>27</td>
<td>Boyce, Wilson, Fraser, Waenhout, Boswerker, Howard</td>
<td>2,87</td>
</tr>
<tr>
<td>10</td>
<td>20</td>
<td>Watsonia, Old Cape, Union</td>
<td>1,97</td>
</tr>
<tr>
<td>Total</td>
<td>100</td>
<td></td>
<td>5,92</td>
</tr>
</tbody>
</table>

**FINANCIAL IMPLICATIONS**

Funding for the project has been approved in the budget to the value of R 21 169 000 excluding VAT of which R 13 286 533,59 excluding VAT or 62,7% has been certified for payment up to the end of December 2019.

**RELEVANT LEGISLATION**

N/A

**RECOMMENDATION OF THE MUNICIPAL MANAGER**

That the contents of the Resurfacing of Roads update report, be noted.

**APPENDIX / ADDENDUM**

N/A

File Number: 9/1/2/1
Execution: Manager Public Works
7.3

REPORT FROM THE DIRECTOR TECHNICAL SERVICES

PURPOSE OF THE REPORT

To report to Council on the Operations and Maintenance to the Storm water and Roads for the 2019/2020 Financial year, for the period 1 July 2019 to 31 December 2019.

PREVIOUS RESOLUTIONS

N/A

BACKGROUND

The Key Performance Areas (KPA’s) of the department relates to operations and maintenance of the roads and storm water systems on municipal property and, the subsidized maintenance of the N2/Main Street between Azalea Street and George Rex Drive.
The department has a total staff compliment of 97 on the payroll and 37 temporary personnel members were employed during the year. The department has been allocated a total Adjusted operational budget of R 68 487 676 for the financial year.

DISCUSSION

Maintenance

During the said period the department received 174 official complaints and managed to resolve 136 (78%) with the majority being roads related according to the Customer Care report. In this regard, the department has delivered the outputs as per Table 1 over the period: Table 1 Complaints and Maintenance summary.

<table>
<thead>
<tr>
<th>WARD</th>
<th>PW</th>
<th>ROADS</th>
<th>SW</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>WARD UNKNOWN</td>
<td>2</td>
<td>2</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>WARD 1</td>
<td>1</td>
<td>1</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>WARD 2</td>
<td>1</td>
<td>2</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>WARD 3</td>
<td>5</td>
<td>5</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>WARD 4</td>
<td>2</td>
<td>3</td>
<td>8</td>
<td>13</td>
</tr>
<tr>
<td>WARD 5</td>
<td>6</td>
<td>3</td>
<td>9</td>
<td>18</td>
</tr>
<tr>
<td>WARD 6</td>
<td>5</td>
<td>7</td>
<td>12</td>
<td>24</td>
</tr>
<tr>
<td>WARD 7</td>
<td>1</td>
<td>1</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>WARD 8</td>
<td>1</td>
<td>3</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>WARD 9</td>
<td>3</td>
<td>35</td>
<td>1</td>
<td>39</td>
</tr>
<tr>
<td>WARD 10</td>
<td>2</td>
<td>61</td>
<td>14</td>
<td>77</td>
</tr>
<tr>
<td>WARD 11</td>
<td>1</td>
<td>1</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>TOTAL</td>
<td>10</td>
<td>120</td>
<td>44</td>
<td>174</td>
</tr>
</tbody>
</table>
Table 2 quantifies the outputs of the department for the financial as its KPA’s.

**Table 2 Outputs for Public Works for the year 2018/2019**

<table>
<thead>
<tr>
<th>Ward</th>
<th>Pothole Repairs (m²)</th>
<th>Stormwater Cleaning (m)</th>
<th>Regravelling (km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>747</td>
<td>100</td>
<td>12,64</td>
</tr>
<tr>
<td>2</td>
<td>493</td>
<td></td>
<td>7,34</td>
</tr>
<tr>
<td>3</td>
<td>30</td>
<td>400</td>
<td>2,90</td>
</tr>
<tr>
<td>4</td>
<td>44</td>
<td></td>
<td>1,75</td>
</tr>
<tr>
<td>5</td>
<td>204</td>
<td>783</td>
<td>5,00</td>
</tr>
<tr>
<td>6</td>
<td>191</td>
<td>450</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>131</td>
<td>95</td>
<td>1,17</td>
</tr>
<tr>
<td>8</td>
<td>212</td>
<td>30</td>
<td>3,89</td>
</tr>
<tr>
<td>9</td>
<td>539</td>
<td>772</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>641</td>
<td>1,887</td>
<td>1,16</td>
</tr>
<tr>
<td>11</td>
<td>233</td>
<td>1,982</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>3,464</strong></td>
<td><strong>6,499</strong></td>
<td><strong>35,85</strong></td>
</tr>
</tbody>
</table>

**Projects**

The resealing contractor commenced work during July 2019 and completed the works in 4 wards. The table below lists the streets completed during this phase of the project.

**Table 3 Roads Resurfaced for the year 2019/2020**

<table>
<thead>
<tr>
<th>Ward</th>
<th>% Budget Allocation</th>
<th>Street Names</th>
<th>Length (km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6</td>
<td>Walker, Grysbok, Duiker, Park</td>
<td>0,7</td>
</tr>
<tr>
<td>2</td>
<td>12</td>
<td>Shamrock, Stroebel</td>
<td>0,38</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>19</td>
<td>Boyce, Wilson, Fraser, Waenhout, Boswerker, Howard</td>
<td>2,87</td>
</tr>
<tr>
<td>6</td>
<td>10</td>
<td>Watsonia, Old Cape, Union</td>
<td>1,97</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100</strong></td>
<td></td>
<td><strong>5,92</strong></td>
</tr>
</tbody>
</table>
FINANCIAL IMPLICATIONS

Table 3 below summarizes the Operational budget expenditure for the period ending 31 December 2019.

Table 3 Operating budget expenditure (CFO Monthly report as at 31 December 2019)

<table>
<thead>
<tr>
<th>ITEM</th>
<th>ORIGINAL BUDGET</th>
<th>ADJUSTED BUDGET</th>
<th>ACTUALS (DEC 2019)</th>
<th>ACTUALS (DEC 2019) %</th>
<th>COMMITMENTS</th>
<th>TOTAL (DEC 19)</th>
<th>AVAILABLE AFTER COMMITMENTS (DEC 2019)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Stormwater (R&amp;M) Total</td>
<td>3 336 320</td>
<td>3 336 320</td>
<td>1 320 773</td>
<td>40</td>
<td>113 612</td>
<td>1 434 385</td>
<td>57</td>
</tr>
<tr>
<td>Stormwater drains</td>
<td>2 186 780</td>
<td>2 186 780</td>
<td>1 270 392</td>
<td>58</td>
<td>113 612</td>
<td>1 384 004</td>
<td>37</td>
</tr>
<tr>
<td>Other Roads (R&amp;M) Total</td>
<td>31 313 102</td>
<td>31 313 102</td>
<td>14 595 223</td>
<td>47</td>
<td>9 662 043</td>
<td>24 257 266</td>
<td>23</td>
</tr>
<tr>
<td>General Repairs</td>
<td>5 114 566</td>
<td>5 114 566</td>
<td>775 573</td>
<td>15</td>
<td>511 236</td>
<td>1 286 809</td>
<td>75</td>
</tr>
<tr>
<td>Regravelling</td>
<td>3 430 000</td>
<td>3 430 000</td>
<td>1 173 699</td>
<td>34</td>
<td>436 447</td>
<td>1 610 146</td>
<td>53</td>
</tr>
<tr>
<td>Resealing</td>
<td>20 580 000</td>
<td>20 580 000</td>
<td>12 012 946</td>
<td>58</td>
<td>8 603 937</td>
<td>20 616 883</td>
<td>0</td>
</tr>
</tbody>
</table>

RELEVANT LEGISLATION

Occupational Health and Safety Act
Basic Conditions of Employment Act
MFMA

RECOMMENDATION OF THE MUNICIPAL MANAGER

That the contents of the report on the Operations and Maintenance to Storm Water and Roads for the Financial period 1 July 2019 to 31 December 2019, be noted.

APPENDIX / ADDENDUM

N/A

File Number: 9/1/2/1
Execution: Manager Public Works
7.4

REPORT FROM THE DIRECTOR TECHNICAL SERVICES

PURPOSE OF THE REPORT

To inform the Section 80 Technical Committee meeting on the present status of MIG projects.

PREVIOUS RESOLUTIONS

N/A

BACKGROUND

The department of Infrastructure Services is required to submit a report to the MIG Department on the projects and expenditure that are presently in implementation phase.

DISCUSSION

Attached are the annexures for Annexure A – MIG Monthly Report.

FINANCIAL IMPLICATIONS

MIG funds that were allocated will be spent by the end of the financial year.

RELEVANT LEGISLATION

MIG Regulations

RECOMMENDATION OF THE MUNICIPAL MANAGER

That the contents of the report on the status of the Municipal Infrastructure Grant Projects, be noted.

APPENDIX / ADDENDUM


File Number: 9/1/2/1
## Municipal Infrastructure Grant Monthly and Quarterly Reporting Template

### Project Information

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Project Description</th>
<th>Cost ($)</th>
<th>Contractual Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project 1</td>
<td>Infrastructure Upgrade</td>
<td>120,000</td>
<td>April 2020 - March 2021</td>
</tr>
<tr>
<td>Project 2</td>
<td>Protective Equipment</td>
<td>80,000</td>
<td>January 2020 - December 2020</td>
</tr>
</tbody>
</table>

### Project Implementation

- **Phase 1**: Design and Planning
- **Phase 2**: Construction
- **Phase 3**: Commissioning

### Project Status

- **Undertaken**: 75%
- **Completed**: 30%
- **Ongoing**: 25%

### Key Actions

1. **Dedicated Team**: Full-time project manager
2. **Budget Monitoring**: Monthly reports
3. **Progress Tracking**: Weekly updates

### Signatures

**Chief Financial Officer**

**Manager**

**Deputy Manager**

**Municipal Manager**

---

23 | Page
# TECHNICAL SERVICES COMMITTEE
## MINUTES
### 12 FEBRUARY 2020

## Expenditure Information

<table>
<thead>
<tr>
<th>Regional HSE Funds</th>
<th>Counter Funding</th>
<th>Total Actual Expenditure</th>
<th>Total Actual Expenditure on HSE Funds (YTD to 30/09/2020)</th>
<th>Budgeted HSE Funds (YTD to 30/09/2020)</th>
<th>Minimum Purchase Unit</th>
<th>HSE Funds available for expenditure (30/09/20)</th>
</tr>
</thead>
<tbody>
<tr>
<td>R 16200000 60% 10%</td>
<td>R 16200000 60% 10%</td>
<td>R 16200000 60% 10%</td>
<td>R 16200000 60% 10%</td>
<td>R 16200000 60% 10%</td>
<td>R 16200000 60% 10%</td>
<td>R 16200000 60% 10%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week</th>
<th>Actual</th>
<th>Budgeted</th>
<th>Difference</th>
<th>% Actual Expenditure</th>
<th>% Budgeted Expenditure</th>
<th>% Expenditure on HSE Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10000</td>
<td>10000</td>
<td>0</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>20000</td>
<td>20000</td>
<td>0</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
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<td>30000</td>
<td>0</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>40000</td>
<td>40000</td>
<td>0</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>5</td>
<td>50000</td>
<td>50000</td>
<td>0</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>6</td>
<td>60000</td>
<td>60000</td>
<td>0</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>7</td>
<td>70000</td>
<td>70000</td>
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<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>8</td>
<td>80000</td>
<td>80000</td>
<td>0</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>9</td>
<td>90000</td>
<td>90000</td>
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<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>10</td>
<td>100000</td>
<td>100000</td>
<td>0</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

## 2020 Financial Year Expenditure

<table>
<thead>
<tr>
<th>Week</th>
<th>Actual</th>
<th>Budgeted</th>
<th>Difference</th>
<th>% Actual Expenditure</th>
<th>% Budgeted Expenditure</th>
<th>% Expenditure on HSE Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10000</td>
<td>10000</td>
<td>0</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>20000</td>
<td>20000</td>
<td>0</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>30000</td>
<td>30000</td>
<td>0</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>40000</td>
<td>40000</td>
<td>0</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>5</td>
<td>50000</td>
<td>50000</td>
<td>0</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>6</td>
<td>60000</td>
<td>60000</td>
<td>0</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>7</td>
<td>70000</td>
<td>70000</td>
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<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>8</td>
<td>80000</td>
<td>80000</td>
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<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>9</td>
<td>90000</td>
<td>90000</td>
<td>0</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>10</td>
<td>100000</td>
<td>100000</td>
<td>0</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

24 | Page
### TECHNICAL SERVICES COMMITTEE
### MINUTES
### 12 FEBRUARY 2020

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2021-22 Mix</td>
<td>2022-23 Mix</td>
<td>Allocation</td>
<td>2021-22 Mix</td>
<td>Allocation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>10</td>
<td>15</td>
<td>20</td>
<td>25</td>
<td>30</td>
<td>35</td>
<td>40</td>
<td>45</td>
<td>50</td>
<td>55</td>
<td>60</td>
<td>65</td>
<td>70</td>
<td>75</td>
<td>80</td>
<td>85</td>
<td>90</td>
<td>95</td>
<td></td>
</tr>
</tbody>
</table>

#### Employment Figures

<table>
<thead>
<tr>
<th>Period</th>
<th>Full Time</th>
<th>Part Time</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-RFT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cumulative</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Main Action

<table>
<thead>
<tr>
<th>Action</th>
<th>Adult Men</th>
<th>Adult Women</th>
<th>Young Men</th>
<th>Young Women</th>
<th>PhD Men</th>
<th>PhD Women</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project 1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Project 2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Project 3</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Project 4</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Project 5</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Project 6</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Project 7</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
7.5

T05/02/20 REPORT ON THE OPERATIONS AND MAINTENANCE TO WATER AND SEWER FOR SEPTEMBER TO DECEMBER 2019

REPORT FROM THE DIRECTOR TECHNICAL SERVICES

PURPOSE OF THE REPORT

To report to Council on the Operations and Maintenance done by the Water and Sewer Department.

PREVIOUS RESOLUTIONS

N/A

BACKGROUND

At the previous Section 80 meeting it was requested that Technical Services submit an overview of the operation and maintenance of the department.

Overview of Infrastructure and Human Resources

The department has a total staff compliment of 104, and on the new organogram reflects a total of 170 to efficiently manage the department.

Overview of Services

The department manage networks that are made up of the following infrastructure:

Water Infrastructure

<table>
<thead>
<tr>
<th>Infrastructure</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dams</td>
<td>3</td>
</tr>
<tr>
<td>Water Treatment Schemes</td>
<td>9</td>
</tr>
<tr>
<td>Raw water pipelines</td>
<td>+- 42km</td>
</tr>
<tr>
<td>Potable Water Mains</td>
<td>404 km</td>
</tr>
<tr>
<td>Reservoirs and Elevated Tanks</td>
<td>49</td>
</tr>
<tr>
<td>Water Pump stations</td>
<td>55</td>
</tr>
</tbody>
</table>

Sewer Infrastructure

<table>
<thead>
<tr>
<th>Infrastructure</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sewer Treatment Plants</td>
<td>7</td>
</tr>
<tr>
<td>Sewer Pipelines</td>
<td>416 km</td>
</tr>
<tr>
<td>Sewer Pump stations</td>
<td>110</td>
</tr>
</tbody>
</table>
DISCUSSION

Human Resources

The department had not recruited new staff for the period.

Overtime

The overtime has decreased with more than 400 hours as at the same period as last year.

Maintenance

Below is a summary of complaints and activities of the department for March and April 2019.

Table 2: Complaints and Maintenance summary

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Sewer Reticulation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Complaints received</td>
<td>99</td>
<td>254</td>
<td>80</td>
<td>85</td>
<td></td>
</tr>
<tr>
<td>Water complaints received</td>
<td>26</td>
<td>70</td>
<td>60</td>
<td>200</td>
<td>Received from the fire station</td>
</tr>
<tr>
<td>Water Truck Deliveries</td>
<td>1</td>
<td>2</td>
<td>0</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>New water meter installations</td>
<td>2</td>
<td>2</td>
<td>7</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Sewer Complaints received</td>
<td>98</td>
<td>181</td>
<td>100</td>
<td>85</td>
<td></td>
</tr>
<tr>
<td>Sewer Pump station cleaned</td>
<td>11</td>
<td>18</td>
<td>11</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>Water and Sewer Purification</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Produced (Ml) Greater Knysna</td>
<td>362</td>
<td>309</td>
<td>400</td>
<td>495</td>
<td></td>
</tr>
<tr>
<td>Effluent Produced (Ml) Greater Knysna</td>
<td>234</td>
<td>266</td>
<td>303</td>
<td>273</td>
<td></td>
</tr>
<tr>
<td>Waste Water Treatment Plants non-compliant (Biological) Total: 7 Sewer Works</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>Sep 2019: Karatara Works- a bio-disc was broken and subsequently replaced. Oct 2019: Belvidere Works: Pumps were faulty and subsequently repaired. Knysna and Belvidere WWTW: High rainfall event Knysna WWTW: Aerators were serviced on the inspection day</td>
</tr>
</tbody>
</table>
Table 2: Internal complaints generated through internal systems

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Work orders for mechanical and electrical breakdowns</td>
<td>285</td>
<td>241</td>
<td>370</td>
<td>282</td>
<td>The work orders were generated for pump, gearboxes, motor control panels, telemetry panels and other mechanical infrastructure.</td>
</tr>
<tr>
<td>Work orders for breakdowns after hours</td>
<td>53</td>
<td>62</td>
<td>74</td>
<td>123</td>
<td>This is emergency after hours call outs.</td>
</tr>
</tbody>
</table>

**Capital Projects**

The department also assist the Project Management Unit with managing the projects on a technical level.

*Upgrade CBD sewer pump station*

The project is lagging behind program, but the elements are scheduled to be completed in this financial year.

*Knysna North and North East Bulk Water Project*

The pipeline, zoning of the water network, water pump station and Reservoir are progressing ahead of the program.

*Upgrade Knysna WWTW*

The contractor was appointed for the inlet works. The tender for the Mechanical and Electrical work, for the Sequential Batch Reactor, is at Bid Adjudication stage.

*Upgrade Hornlee Sewer for the Infill Scheme Projects*

The tender is in the appeal period stage.

*Charlesford Raw Water Pumping Scheme: Upgrade and Refurbishment of Charlesford and Eastford Pump Stations*

The tender has commenced for the Mechanical and electrical work. The Civil work is at Bid Adjudication stage.

*CBD Water Pipe Replacement*

Phase 1 of the project will be completed at the end February 2020.

*Upgrade Hornlee Water Reticulation system*

Phase 2 is at Bid Adjudication stage.
Operating Projects

**Desalination and RO Plant Operating and Maintenance Tender**

The repairs have commenced at the two plants. The Knysna plant produced water in December 2019. The Sedgefield Plant need more maintenance to operate. It was found during the commissioning that the Motor control panels were corroded and must be replaced.

**Emergency Repair Tender**

The tender was awarded and certain emergency projects has commenced.

**Challenges**

- Compulsory Leave: Staff must take compulsory leave in the year and make activities difficult to execute;
- High staff turnover: Time, effort and money are invested in staff over a long period and these position cannot be filled form people of the street;
- Irate public: Public threaten staff when they do their normal duties;

**FINANCIAL IMPLICATIONS**

**Operating budget**

Table 2 below summarizes the Operational budget expenditure for the period ending 30 April 2019.

<table>
<thead>
<tr>
<th>ITEMS</th>
<th>2019 ORIG BUDGET</th>
<th>YTD ACTUAL</th>
<th>ACTUAL % AFTER BUDGET</th>
<th>COMMITTED</th>
<th>TOTAL</th>
<th>ACTUAL % AFTER COMMITMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEWERAGE PURIFICATION SERVICES</td>
<td>4 157 395,00</td>
<td>2 787 288,63</td>
<td>67%</td>
<td>985 115,64</td>
<td>384 986,73</td>
<td>9%</td>
</tr>
<tr>
<td>Other (R&amp;M)</td>
<td>313 083,00</td>
<td>36 789,43</td>
<td>45%</td>
<td>2 375 69</td>
<td>21 362,35</td>
<td>10%</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>3 911 229,00</td>
<td>2 713 709,77</td>
<td>69%</td>
<td>956 493,20</td>
<td>261 026,03</td>
<td>7%</td>
</tr>
<tr>
<td>SEWERAGE RETICULATION SERVICES</td>
<td>1 754 696,00</td>
<td>1 199 922,62</td>
<td>68%</td>
<td>428 563,50</td>
<td>126 209,88</td>
<td>7%</td>
</tr>
<tr>
<td>Other (R&amp;M)</td>
<td>42 848,00</td>
<td>19 105,96</td>
<td>45%</td>
<td>2 375 69</td>
<td>21 362,35</td>
<td>10%</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>1 669 000,00</td>
<td>1 161 710,70</td>
<td>69%</td>
<td>423 804,14</td>
<td>81 485,16</td>
<td>5%</td>
</tr>
<tr>
<td>WATER PURIFICATION WORKS</td>
<td>12 134 242,00</td>
<td>7 303 657,63</td>
<td>60%</td>
<td>3 584 954,08</td>
<td>1 245 629,69</td>
<td>10%</td>
</tr>
<tr>
<td>Other (R&amp;M)</td>
<td>39 230,00</td>
<td>243 345,12</td>
<td>82%</td>
<td>1 928,44</td>
<td>45 956,44</td>
<td>18%</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>3 665 791,00</td>
<td>2 154 885,09</td>
<td>60%</td>
<td>1 005 522,27</td>
<td>460 433,64</td>
<td>13%</td>
</tr>
<tr>
<td>Desalination plant</td>
<td>2 500 000,00</td>
<td>1 350 186,81</td>
<td>54%</td>
<td>1 120 021,09</td>
<td>29 792,10</td>
<td>1%</td>
</tr>
<tr>
<td>Telemetry</td>
<td>1 712 200,00</td>
<td>1 077 110,40</td>
<td>63%</td>
<td>442 032,17</td>
<td>193 075,43</td>
<td>11%</td>
</tr>
<tr>
<td>WATER RETICULATION</td>
<td>3 987 452,00</td>
<td>1 590 582,60</td>
<td>40%</td>
<td>1 777 632,55</td>
<td>619 236,85</td>
<td>16%</td>
</tr>
<tr>
<td>Other (R&amp;M)</td>
<td>620 260,00</td>
<td>456 776,10</td>
<td>74%</td>
<td>70 403,06</td>
<td>93 080,84</td>
<td>15%</td>
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<tr>
<td>Infrastructure</td>
<td>2 746 932,00</td>
<td>677 030,40</td>
<td>25%</td>
<td>1 636 826,43</td>
<td>433 075,17</td>
<td>16%</td>
</tr>
</tbody>
</table>

**RELEVANT LEGISLATION**

National Health Act, No.61 of 2003.
Occupational Health and Safety Act
Basic Conditions of Employment Act
Municipal Finance Management Act

RECOMMENDATION OF THE MUNICIPAL MANAGER

That the report on the Operations and Maintenance to Water and Sewer for September to December 2019, be noted.

APPENDIX / ADDENDUM

Annexure A: STATUS QUO REPORT ON WATER SUPPLIES FOR THE GREATER KNYSNA

File Number: 9/1/2/1
Execution: Manager Water & Sewer
### STATUS QUO REPORT ON WATER SUPPLIES FOR THE GREATER KNYSNA

**December 2019**

**SEDGEFIELD**
- a) Desalination Plant: Plant not operational (borehole pumps need to be replaced)
- b) Boreholes: Three boreholes operational
- c) Water Treatment Works: Fully operational
- d) Weir in river: Gates Closed
- e) Karatara River: Normal Flow
- f) Swartvlei: Mouth closed
- g) Rainfall: 22 mm
- h) Average Water Production: 2.50 Ml/day

**BUFFALO BAY**
- a) Goukamma River: Normal Flow
- b) The Goukamma River: Mouth open
- c) Water Works Plant: Plant operating
- d) Rainfall: 14 mm
- e) Average Water Production: 0.31 Ml/day

**KARATARA**
- a) Dam: 100% (40 Ml capacity)
- b) Karatara River: Average Flow
- c) Rainfall: 27 mm
- d) Average Water Production: 0.18 Ml/day

**RHEENENDAL**
- a) Dam: 100% (1 Ml capacity) raw water balancing storage, only to simplify processing
- b) Homtini River: Average Flow
- c) Rainfall: 31 mm
- d) Average Water Production: 0.40 Ml/day

**KNYSNA**
- a) Reverse Osmosis Plant: Not Operational
- b) Boreholes: Boreholes are operational
- c) Knysna River: Normal flow (± 90 mm) over the weir, pumping 130 l/s
- d) Gouna River: Normal flow (± 90 mm) over the weir, pumping 37.0 l/s
- e) Akkerkloof Dam: ± 89% (860 Ml capacity)
- f) Giebe Dam: ± 80% (150 Ml capacity)
- g) Gouna Pump Station: Pumps operational
- h) Rainfall: 16 mm
- i) Average Water Production: 14.16 Ml/day
REPORT FROM THE DIRECTOR TECHNICAL SERVICES

PURPOSE OF THE REPORT

To inform the Section 80 Technical Committee meeting on the present status of capital projects.

PREVIOUS RESOLUTIONS

N/A

BACKGROUND

The Department of Technical Services is required to submit a report to the Infrastructure Section 80 meeting on capital projects that are presently in implementation phase.

DISCUSSION

(Annexure “A”)
Capital Project Status Report for 2019/20

FINANCIAL IMPLICATIONS

- Financial – All payments to the relevant contractors are up to date.
- Legal – All legal requirements related to contract are abided by on a continuous basis.
- Communication – Communication on the projects occurs in terms of Project Site meetings and Project Technical meetings that take place on site. The Department of Technical Services provides project information to the respective Ward Councillor who in return pass the information on to the public via community meetings.
- Service Delivery Implications – The completed project have outputs that are services rendered orientated.

RELEVANT LEGISLATION

IDP
Capital Budget
Supply Chain Policy

RECOMMENDATION OF THE MUNICIPAL MANAGER

That the report on the present status of Capital Project Implementation for the 2019/2020 financial year, be noted.
APPENDIX / ADDENDUM

Annexure 1) T32 2017-2018 Resurfacing & Ancillary works on Roads Greater Knysna

Annexure 2) [a] T42.2018/2019 Eastford Substation Upgrade 
[b] T42.2018/2019 Brenton Power Upgrade Phase 2 
[c] T42.2018/2019 Hornlee and Oupad Power Upgrade Phase


Annexure 4) T63 Electrification of Informal Areas

Annexure 5) T22.2019/2020 Knysna WWTW SBR

File Number: 9/1/2/1
Execution: Manager Water & Sewer
Manager Public Works
Manager Electro Technical
Director Technical Services
## TECHNICAL SERVICES COMMITTEE
### MINUTES
#### 12 FEBRUARY 2020

### TECHNICAL SERVICES MONTHLY REPORTING

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Project No.</th>
<th>NSG</th>
<th>DWAP</th>
<th>Council Vote</th>
<th>Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESURFACING &amp; ANCILLARY WORKS ON ROADS IN THE GREATER KNYSNA AREA</td>
<td>202/2017/2018</td>
<td></td>
<td></td>
<td>368952 律</td>
<td>Dec '19</td>
</tr>
</tbody>
</table>

### PROJECT SCOPE

- Resurfacing of roads within the speciﬁed area in the Greater Knysna Area in high quality and long life resistance. The work to be undertaken includes:
  - Milling and removal of existing thin tarmacadam surfaces layers
  - Placement of new thin tarmacadam surfaces layers
  - Lifting and levelling of manholes in mangers
  - Application of road markings
  - Auxiliary works
  - RTif (Rustic Treated Bitum).

### SOCIAL

### DATA

#### LOCALITY

<table>
<thead>
<tr>
<th>Calendar Year</th>
<th>Locality</th>
<th>Beneficiaries</th>
<th>Environmental/Safety</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Various Sites</td>
<td>Knysna Local Municipality</td>
<td>No. of Beneficiaries</td>
</tr>
<tr>
<td></td>
<td>Man</td>
<td>3-3-3-3 &amp; 11</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MDA Amount</th>
<th>EXPENDITURE/ CASHFLOW</th>
<th>SERVICE PROVIDERS</th>
<th>IMPLEMENTATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSG</td>
<td>Jul '19</td>
<td>R 1,338,000.00</td>
<td>Engineers</td>
</tr>
<tr>
<td>Other</td>
<td>Aug '19</td>
<td>R 3,500,000.00</td>
<td>EDD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PREV. YEARS EXPENDITURE</th>
<th>LABOUR TARGETS</th>
<th>GENERAL COMMENTS</th>
</tr>
</thead>
</table>
|                          |                | Benefi

### TEAM

- Project Manager
- Quantity Surveyor
- Civil Engineer

### TOTAL EXPENDITURE

<table>
<thead>
<tr>
<th>Total Expenditure</th>
<th>R 13,268,533.59</th>
</tr>
</thead>
</table>
## TECHNICAL SERVICES COMMITTEE
### MINUTES
#### 12 FEBRUARY 2020

### KNYSNA MUNICIPALITY
#### MONTHLY REPORTING

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Project No.</th>
<th>MEG</th>
<th>DWAF</th>
<th>Council Vote</th>
<th>Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eastford Substation Phase 2</td>
<td>142/2018-2019</td>
<td>N/A</td>
<td>N/A</td>
<td>9/104-60-77</td>
<td>Jan-20</td>
</tr>
</tbody>
</table>

### PHOTOS

1. Install 11kV underground cable between Eastford Substation and Ring Main Unit RMU-Green Pastures.
2. Install and commission an 11kV Ring Main Unit- RMU-Green Pastures.

### DATA

<table>
<thead>
<tr>
<th>LOCALITY</th>
<th>LAT</th>
<th>BENEFICIARIES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Kimberley Local Municipality</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MDA AMOUNT</th>
<th>EXPENDITURE/CASHFLOW</th>
<th>SERVICE PROVIDERS</th>
<th>IMPLEMENTATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.00</td>
<td>Jun-19</td>
<td>R 0.00</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100 000.00</td>
<td>Nov-19</td>
<td>R 0.00</td>
<td></td>
</tr>
<tr>
<td>1 100 000.00</td>
<td>Sep-19</td>
<td>R 0.00</td>
<td></td>
</tr>
<tr>
<td>Oct-19</td>
<td>R 309 622.85</td>
<td>Contractors</td>
<td></td>
</tr>
<tr>
<td>Nov-19</td>
<td>R 146 771.82</td>
<td>MDL Engineering</td>
<td></td>
</tr>
<tr>
<td>Oct-19</td>
<td>R 42 207.04</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PREV. YEARS EXPENDITURE</th>
<th>LABOUR TARGETS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan-20</td>
<td>Standard</td>
</tr>
<tr>
<td>Feb-23</td>
<td>Total No</td>
</tr>
<tr>
<td>Mar-20</td>
<td>0</td>
</tr>
<tr>
<td>Apr-20</td>
<td>Women</td>
</tr>
<tr>
<td>May-20</td>
<td>Male</td>
</tr>
<tr>
<td>Jun-20</td>
<td>Total</td>
</tr>
<tr>
<td>Jul-20</td>
<td>4</td>
</tr>
<tr>
<td>Aug-20</td>
<td></td>
</tr>
<tr>
<td>Sep-20</td>
<td></td>
</tr>
<tr>
<td>Oct-20</td>
<td></td>
</tr>
<tr>
<td>Nov-20</td>
<td></td>
</tr>
</tbody>
</table>

| TOTAL PROJECT COSTS     | R 100 000.00   |
|                        | Apr-20         |
|                        | Disabled       |

| Total Expenditure       | R 577 562.11   |

### SOCIAL

Steve Van Lier is an Occupational Health & Safety Agent to oversee safety issues.

### ENVIRONMENTAL/SAFETY

### GENERAL COMMENTS

---

35 | P a g e
### TECHNICAL SERVICES COMMITTEE

**MINUTES**

**12 FEBRUARY 2020**

---

#### KNYSNA MUNICIPALITY

**MONTHLY REPORTING**

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Project No.</th>
<th>NGIP</th>
<th>DWAIP</th>
<th>Council Vote</th>
<th>Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breton power upgrade</td>
<td>14272018-2019</td>
<td>N/A</td>
<td>N/A</td>
<td>9/104-63-80</td>
<td>Jan-20</td>
</tr>
</tbody>
</table>

---

#### PHOTOS

1. Construct a new 11kV brick building switchroom.
2. Upgrade a further section of approximately 350m of existing 11kV bare conductor overhead line between Breton and Salt River Substation.

---

#### LOCALITY

<table>
<thead>
<tr>
<th>Coordinates</th>
<th>Lot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lon.</td>
<td>Pop.</td>
</tr>
<tr>
<td>Lat.</td>
<td>Knyansa Local Municipality</td>
</tr>
<tr>
<td>Ward</td>
<td>5</td>
</tr>
</tbody>
</table>

---

#### DATA

<table>
<thead>
<tr>
<th>NGIP Amount</th>
<th>EXPENDITURE/CASHFLOW</th>
<th>SERVICE PROVIDERS</th>
<th>IMPLEMENTATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jul-19</td>
<td>Engineers</td>
<td>CMR Consulting Engineers</td>
<td>Start Date 24/09/2019</td>
</tr>
<tr>
<td>Aug-19</td>
<td>SSD</td>
<td></td>
<td>End Date 30/09/2019</td>
</tr>
<tr>
<td>Sep-19</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oct-19</td>
<td>R55 622.55</td>
<td>Contractors</td>
<td>% Complete 16.00%</td>
</tr>
<tr>
<td>Nov-19</td>
<td></td>
<td>MCI Engineering</td>
<td>% Budget Complete 16.00%</td>
</tr>
</tbody>
</table>

#### PREV. YEARS EXPENDITURE

<table>
<thead>
<tr>
<th>Month</th>
<th>MCI Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan-19</td>
<td>Standard</td>
</tr>
<tr>
<td></td>
<td>Total No.</td>
</tr>
</tbody>
</table>

#### LABOUR TARGETS

<table>
<thead>
<tr>
<th>Contracts Value</th>
<th>Total No.</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1 852 900.00</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>R186 900.00</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>TOTAL PROJECT COSTS</td>
<td>R1 990 000.00</td>
<td>0</td>
</tr>
</tbody>
</table>

---

#### SOCIAL

Steve Van Lier is the appointed Occupational Health & Safety Agent.

---

#### ENVIRONMENTAL/SAFETY

OSCMA permit has been approved with the conditions that we appoint the Environmental Control Officer and inform the neighbours about the approval.

---

#### GENERAL COMMENTS

The construction is projected to commence on the 16 February 2020, after the appointment of ECO.

---

**Page** 36
## TECHNICAL SERVICES COMMITTEE
### MINUTES
### 12 FEBRUARY 2020

### KNYSNA MUNICIPALITY
#### MONTHLY REPORTING

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Project No.</th>
<th>MIG</th>
<th>DINAf</th>
<th>Council Vote</th>
<th>Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horriss and Duped Power upgrade</td>
<td>142/2018-2019</td>
<td>N/A</td>
<td>N/A</td>
<td>9/104-64-81</td>
<td>Jan-20</td>
</tr>
</tbody>
</table>

### PHOTOS

**TECHNICAL**

1. Install approximately 800m of 3x185mm² 11kV underground cable between Shamrock Switching station and GPO 5S: 2. Commission the Shamrock 5S

### DATA

<table>
<thead>
<tr>
<th>LOCALITY</th>
<th>Recipients</th>
<th>At</th>
<th>Beneficiaries</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**ENVIRONMENTAL/SAFETY**

Steve Van Lier is an Occupational Healthy & Safety Agent to oversee safety issues.

### GENERAL COMMENTS

---

### SOCIAL

---

### LABOUR TARGETS

<table>
<thead>
<tr>
<th>Month</th>
<th>Standard</th>
<th>Total %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan-20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Feb-20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mar-20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Apr-20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>May-20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jun-20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jul-20</td>
<td></td>
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</tr>
<tr>
<td>Aug-20</td>
<td></td>
<td></td>
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<tr>
<td>Sep-20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oct-20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nov-20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TOTAL PROJECT COSTS: R1 700 000.00

Total expenditure: R1 332 209.24
**KNYSNA MUNICIPALITY**  
**MONTHLY REPORTING TEMPLATE**

**TECHNICAL SERVICES COMMITTEE**  
**MINUTES**  
**12 FEBRUARY 2020**

### Phase 2C-1 and Phase 2C-2:
- **Phase 2C-1**: Water Treatment Works (WTW) - Upgrading of NARE pumps at the StellenECW Pump Station, including building work to raise the roof. New 220mm rising main section to connection to the 350mm NARE rising main, relocation of flow meter to WTW reservoir, Concordia reservoir zone - new 220mm gravity main, and reservoir outlet chamber pipework. Cross connections in the existing, and new gravity mains.
- **Phase 2C-2**: Heidelberg - Construction of new 3 ML Heidelberg reservoir, pump station, and rising main.

---

### Project Details

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Project No.</th>
<th>HES</th>
<th>ERP</th>
<th>Council Vote</th>
<th>Needs</th>
</tr>
</thead>
<tbody>
<tr>
<td>KNYNSA NORTH &amp; NORTH EAST BULK WATER SUPPLY 2C</td>
<td>TEC 2621.14</td>
<td>320022</td>
<td>N/A</td>
<td>Jan-20</td>
<td></td>
</tr>
</tbody>
</table>

---

### Data

<table>
<thead>
<tr>
<th>Locality</th>
<th>Owner</th>
<th>Population Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knysna</td>
<td>NARE</td>
<td>Population Group 20</td>
</tr>
</tbody>
</table>

---

### Project Scope

<table>
<thead>
<tr>
<th>Project</th>
<th>Implementation</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase 2C-1</td>
<td>WTW - New NARE pumps, building work, new 220mm rising main, relocation of flow meter, Concordia reservoir zone - new 220mm gravity main, reservoir outlet chamber pipework. Cross connections in the existing, and new gravity mains.</td>
<td></td>
</tr>
<tr>
<td>Phase 2C-2</td>
<td>Heidelberg - Construction of new 3 ML reservoir, pump station, and rising main.</td>
<td></td>
</tr>
</tbody>
</table>

---

### Project Details

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 20</td>
<td>Start</td>
<td>Construction of new NARE pumps and building work to raise the roof.</td>
</tr>
<tr>
<td>Feb 20</td>
<td>Test</td>
<td>NARE pumps commissioned.</td>
</tr>
</tbody>
</table>

---

### Technical Details

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb 20</td>
<td>Test</td>
<td>Flow meter installed and commissioned.</td>
</tr>
<tr>
<td>Mar 20</td>
<td>Test</td>
<td>Reservoir outlet chamber pipework commissioned.</td>
</tr>
</tbody>
</table>

---

### Environmental Safety

<table>
<thead>
<tr>
<th>Event</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test</td>
<td>Flow meter and new outlet chamber pipework commissioned.</td>
</tr>
</tbody>
</table>

---

### General Comments

- IQC allocated for OHC agent, Site Working Procurement has been awarded to a successful bidder for construction of the first phase.

---

### KNYNSA NORTH & NORTH EAST BULK WATER SUPPLY 2C

<table>
<thead>
<tr>
<th>Project</th>
<th>Project No.</th>
<th>HES</th>
<th>ERP</th>
<th>Council Vote</th>
<th>Needs</th>
</tr>
</thead>
<tbody>
<tr>
<td>KNYNSA NORTH &amp; NORTH EAST BULK WATER SUPPLY 2C</td>
<td>TEC 2621.14</td>
<td>320022</td>
<td>N/A</td>
<td>Jan-20</td>
<td></td>
</tr>
</tbody>
</table>

---

### Project Details

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 20</td>
<td>Start</td>
<td>Construction of new NARE pumps and building work to raise the roof.</td>
</tr>
<tr>
<td>Feb 20</td>
<td>Test</td>
<td>NARE pumps commissioned.</td>
</tr>
</tbody>
</table>

---

### Technical Details

<table>
<thead>
<tr>
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<tbody>
<tr>
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### Environmental Safety

<table>
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</tr>
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### General Comments

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</table>

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### General Comments

- IQC allocated for OHC agent, Site Working Procurement has been awarded to a successful bidder for construction of the first phase.
## TECHNICAL SERVICES COMMITTEE
### MINUTES
#### 12 FEBRUARY 2020

### ELECTRIFICATION OF INFORMAL AREAS

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Project No.</th>
<th>MSO</th>
<th>DWAFF</th>
<th>Council Vote</th>
<th>Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELECTRIFICATION OF INFORMAL AREAS</td>
<td>TV3 2017/18</td>
<td>N/A</td>
<td>N/A</td>
<td>28-76-65-17-6001</td>
<td>Jan-20</td>
</tr>
</tbody>
</table>

### PHOTO

**Electrification of informal area Phase 3 (245 Connections):**

1. Bergvlei Valley= 42
2. Ewen= 41
3. Blixt Square= 11
4. Invokela= 10
5. 7th Lane= 20
6. Roboilo= 70
7. Nokupela= 40

**Electrification of informal area Phase 4 (Connections):**

Phase 3 is 96% completed, and the only outstanding items are to install LV Box at 7th lane, and to replace Transformer at Invokela. The Contractor is currently on site, Phase 4,

### DATA

<table>
<thead>
<tr>
<th>LOCALITY</th>
<th>Coordinates</th>
<th>BENEFICIARIES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MIG AMOUNT</th>
<th>EXPENDITURE/CASHFLOW</th>
<th>SERVICE PROVIDERS</th>
<th>IMPLEMENTATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| PREV. YEARS EXPENDITURE | |
|--------------------------| |
| 2019                     | R 2 994 000.00 |

### LABOUR TARIFFS

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
</tr>
<tr>
<td>R 3 315.172.00</td>
</tr>
</tbody>
</table>

### GENERAL COMMENTS

Complies with all Environmental and OHS requirements. The OHS consultant is NCC Environmental Services (PTY) Ltd

Phase 4 will include electrification of Roboilo, Rosemore, Love Corner, Edameni, Katanga and Beverly Hills.

Total Expenditure: R 2 382 555.46
## TECHNICAL SERVICES COMMITTEE
### MINUTES
#### 12 FEBRUARY 2020

### TECHNICAL

The project covers the Mechanical & Electrical Work required to convert the Sequential Batch Reactor to a full nutrient removal plant with a capacity of 2000 m³/d in order to increase the capacity of the Knysna Waste Water Treatment Works from 1000 m³/d to 2000 m³/d.

The municipality of Knysna decided to convert the SBR to a fully nutrient removal plant that will deliver effluent suitable for discharge to the Knysna Lagoon. The SBR has already been connected to the irrigation dam as well as the effluent to the final dam that discharges into the Knysna Lagoon. All the civil work to convert the SBR to a nutrient removal plant has been completed under own funding of the municipality in 2018.

### SOCIAL

N/A

### ENVIRONMENTAL SAFETY

N/A

### GENERAL COMMENTS

The project is in the SCM process BIC, BIC & BAC completed. T22 of 2019/20 was advertised on 17 October 2019 and closed on 30 November 2019.

---

### KNYSNA MUNICIPALITY
##### MONTHLY REPORTING TEMPLATE

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Project No.</th>
<th>NSR</th>
<th>DWAF</th>
<th>Council Vote</th>
<th>Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conversion of SBR to a Nutrient Removal Plant: M&amp;I: Knysna WWTP</td>
<td>T22/2019/2020</td>
<td>317741</td>
<td>N/A</td>
<td>28-09-19-31-0085</td>
<td>Jan-20</td>
</tr>
</tbody>
</table>

### PHOTOS

### PROJECT SUMMARY

The existing Sequential Batch Reactor (SBR) that supplied treated effluent for irrigation purposes to the Sissonbosch Golf Course has been abandoned some years ago. At its best the SBR could not deliver treated effluent that complied to the required standards for discharge to the Knysna Lagoon. This meant that if effluent water was not required the SBR was shut down and as such its capacity of 500 m³/d could never be added to the treatment capacity of the Knysna Works.

### LOCALITY

<table>
<thead>
<tr>
<th>Coordinates</th>
<th>21.2.13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Latitude</td>
<td>34 24 49</td>
</tr>
<tr>
<td>Altitude</td>
<td>7864</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Locality</th>
<th>Beneficiaries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knysna Local Municipality</td>
<td>No. of Beneficiaries: 2504</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NDA AHMG</th>
<th>EXPENDITURE/CASH FLOW</th>
<th>SERVICE PROVIDERS</th>
<th>IMPLEMENTATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSR</td>
<td>R 486 401,85</td>
<td>R 3 000</td>
<td>Start Date</td>
</tr>
<tr>
<td>Other</td>
<td>4 352 206,64</td>
<td>R 100 100,18</td>
<td>End Date</td>
</tr>
<tr>
<td></td>
<td>12 833 726,81</td>
<td>R 1 000 158,26</td>
<td>% Complete</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R 1 350 864,85</td>
<td>% Budget Compl</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Prev. Years Expenditure</th>
<th>Future Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>R 9 880</td>
<td>R 1 512 864,85</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Labour Screw</th>
<th>Jan-20</th>
<th>Standard</th>
<th>Total No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connectors</td>
<td>R 1 000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Welders</td>
<td>R 8 944</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Project Costs</td>
<td>R 2 944 120,00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Month</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan-20</td>
<td></td>
</tr>
<tr>
<td>Apr-20</td>
<td>Completed</td>
</tr>
<tr>
<td>May-20</td>
<td></td>
</tr>
<tr>
<td>Jun-20</td>
<td></td>
</tr>
<tr>
<td>Aug-20</td>
<td></td>
</tr>
<tr>
<td>Sep-20</td>
<td></td>
</tr>
<tr>
<td>Oct-20</td>
<td></td>
</tr>
<tr>
<td>Nov-20</td>
<td></td>
</tr>
</tbody>
</table>

Total Expenditure: R 1 859 921,50
REPORT FROM THE DIRECTOR TECHNICAL SERVICES

PURPOSE OF THE REPORT

The purpose of this report is to provide summary of planned and unplanned maintenance undertaken by the Mechanical workshop.

PREVIOUS RESOLUTIONS

N/A

BACKGROUND

Knysna Municipality fleet size has increased from 250 to 255 vehicles in total, ranges from trailers to excavating machines (Motor graders). This report will provide work performed or outsourced from both Knysna and Sedgefield workshops during the period of October 2019 to December 2019.

DISCUSSION

1. Repairs

Table 1: Number of vehicles repaired from October to December 2019 period

<table>
<thead>
<tr>
<th>Row Labels</th>
<th>Community Services</th>
<th>Financial Services</th>
<th>Integrated HS</th>
<th>Technical Services</th>
<th>Grand Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>October</td>
<td>24</td>
<td>1</td>
<td>60</td>
<td>85</td>
<td></td>
</tr>
<tr>
<td>November</td>
<td>40</td>
<td>4</td>
<td>5</td>
<td>46</td>
<td>95</td>
</tr>
<tr>
<td>December</td>
<td>16</td>
<td>3</td>
<td>15</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>Grand Total</td>
<td>80</td>
<td>5</td>
<td>8</td>
<td>121</td>
<td>214</td>
</tr>
</tbody>
</table>

Table 2: Repairs per Vehicle type

<table>
<thead>
<tr>
<th>Row Labels</th>
<th>Community Services</th>
<th>Financial Services</th>
<th>Integrated HS</th>
<th>Technical Services</th>
<th>Grand Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digger Loader</td>
<td>14</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LDV</td>
<td>35</td>
<td>3</td>
<td>8</td>
<td>58</td>
<td>104</td>
</tr>
<tr>
<td>Motor Grader</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Motorcycle</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Panel Van</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sedan</td>
<td>13</td>
<td>1</td>
<td></td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>Tractor</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Trailer</td>
<td>1</td>
<td>5</td>
<td></td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Truck</td>
<td>23</td>
<td>37</td>
<td></td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>Grand Total</td>
<td>80</td>
<td>5</td>
<td>8</td>
<td>121</td>
<td>214</td>
</tr>
</tbody>
</table>

Both Knysna and Sedgefield workshops have received 214 vehicles for repairs within the period of three months.
Table 1 and 2 illustrates the number of vehicles repaired per directorate. Community and Technical services have the most repairs and the majority of broken/defective vehicles are the LDVs.

Table 3: Components/parts procured from services providers

<table>
<thead>
<tr>
<th>Row Labels</th>
<th>Community Services</th>
<th>Financial Services</th>
<th>Integrated HS</th>
<th>Technical Services</th>
<th>Grand Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>WS Forestry Equipment</td>
<td>1</td>
<td>11</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chape Auto Body</td>
<td></td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>George Lawnmowers</td>
<td>3</td>
<td>3</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knysna Locksmiths</td>
<td>1</td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knysna Midas</td>
<td>2</td>
<td></td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knysna Nissan</td>
<td>23</td>
<td>3</td>
<td>3</td>
<td>34</td>
<td>63</td>
</tr>
<tr>
<td>Pulse Auto</td>
<td>6</td>
<td></td>
<td>17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ramcom</td>
<td>1</td>
<td>11</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S Haddad Agricultural Service</td>
<td>1</td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Servilite 48 CC</td>
<td>3</td>
<td></td>
<td>7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shorts Garage</td>
<td>17</td>
<td></td>
<td>22</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>SILVERTON</td>
<td>1</td>
<td></td>
<td>1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Supa Quick</td>
<td>11</td>
<td>2</td>
<td>21</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td>TED’S</td>
<td>6</td>
<td>3</td>
<td>7</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>Tyres &amp; Treads</td>
<td>4</td>
<td>2</td>
<td>1</td>
<td>4</td>
<td>11</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>80</strong></td>
<td><strong>5</strong></td>
<td><strong>8</strong></td>
<td><strong>121</strong></td>
<td><strong>214</strong></td>
</tr>
</tbody>
</table>

Vehicle components are procured from different services providers. Table 3 illustrates the number of components repaired within the municipal fleet.

**Maintenance Cost**

The table below illustrates the cost incurred in maintaining the vehicles from October to December 2019 by each department.

Table 5: Maintenance Cost
The table above illustrates the cost spent on repairing the vehicles in the October to December 2019 period. It is shown from the table that about 27% of the maintenance cost was spent in the Solid Waste departments.

**FINANCIAL IMPLICATIONS**

The fleet management systems should be introduced in order to assist with the accurate recording, reporting on fleet and related cost together with fleet utilization information.

**RELEVANT LEGISLATION**

N/A

**RECOMMENDATION OF THE MUNICIPAL MANAGER**

That the contents of the report on the Planned and Unplanned Maintenance of the Municipal Fleet, be noted.

**APPENDIX / ADDENDUM**

N/A

File Number: 9/1/2/1
Execution: Manager Electro Technical
REPORT FROM THE DIRECTOR TECHNICAL SERVICES

PURPOSE OF THE REPORT

To report to Council on the progress made on capital projects for Storm water and Roads for the 2019/2020 financial year, for the period 1 July 2019 to 31 December 2019.

PREVIOUS RESOLUTIONS

N/A

BACKGROUND

This report is to be read with previous reports tabled in September 2019 for the Gravel Roads Upgrade Projects, as background.

DISCUSSION

Table 1 below is an extract from the Capital budget report up to 15 January 2020 with a total budget of R 37 134 200 of which R 5 455 637 (15%) have been paid to service providers. The COMMENTS column gives further information on each project.
<table>
<thead>
<tr>
<th>Row Labels</th>
<th>VOTE DESCRIPTION</th>
<th>ADJUSTED BUDGET</th>
<th>YTD ACTUAL</th>
<th>AVAILABLE</th>
<th>COMMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>RDS, S/WTR, DRAINAGE: STORMWATER</td>
<td>Gray Str Pipe Replacement</td>
<td>665 000</td>
<td>-</td>
<td>665 000</td>
<td>The project is part of the Gray St road upgrade.</td>
</tr>
<tr>
<td></td>
<td>Upgrade Stormwater Infrastructure</td>
<td>500 000</td>
<td>-</td>
<td>500 000</td>
<td>The project will have to be reduced due to the It not being possible to ‘piggy back’ on the Mossel bay and Bitou professional services tender which in turn made it impossible to complete the master plan which in turn made it impossible to do the major interventions required. The reduced budget will be used to do small interventions at hotspots in these wards.</td>
</tr>
<tr>
<td></td>
<td>Upgrade Stormwater Infrastructure</td>
<td>500 000</td>
<td>-</td>
<td>500 000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Upgrade Stormwater Infrastructure</td>
<td>500 000</td>
<td>-</td>
<td>500 000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Upgrade Stormwater Infrastructure</td>
<td>1 500 000</td>
<td>-</td>
<td>1 500 000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Upgrade Stormwater Infrastructure</td>
<td>500 000</td>
<td>-</td>
<td>500 000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Upgrade Stormwater Infrastructure</td>
<td>500 000</td>
<td>-</td>
<td>436 500</td>
<td></td>
</tr>
<tr>
<td>UPDRS, S/WTR, DRAINAGE: STREETS</td>
<td>Veh Repl - CX1741 (Own-Loan)</td>
<td>1 500 000</td>
<td>-</td>
<td>-</td>
<td>These budgets have been included in the extension to tender T32/2017/18. See further comments below.</td>
</tr>
<tr>
<td></td>
<td>Upgrade Grey Street</td>
<td>14 000 000</td>
<td>179 755</td>
<td>13 309 724</td>
<td>The contractor has been appointed and the first site meeting has taken place. The contract documents have been completed and are in order. The works are scheduled to start in January 2020 and will be completed by April 2021.</td>
</tr>
<tr>
<td></td>
<td>Upgrade Grey Street</td>
<td>14 000 000</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Upgrade Grey Street</td>
<td>14 000 000</td>
<td>179 755</td>
<td>13 309 724</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Upgrade George Rex Dr concrete rehabilitation</td>
<td>500 000</td>
<td>-</td>
<td>500 000</td>
<td>Same as for the &quot;Upgrade Stormwater Infrastructure&quot; project.</td>
</tr>
<tr>
<td></td>
<td>Road rehabilitation (PRAAMS)</td>
<td>869 565</td>
<td>(369 565)</td>
<td>500 000</td>
<td>The project scope was completed under T32/2018/19</td>
</tr>
<tr>
<td></td>
<td>Brenton-on-Lake erosion</td>
<td>200 000</td>
<td>-</td>
<td>200 000</td>
<td>Same as for the &quot;Upgrade Stormwater Infrastructure&quot; project.</td>
</tr>
<tr>
<td></td>
<td>Swartvlei mouth parking area stabilisation</td>
<td>1 000 000</td>
<td>-</td>
<td>1 000 000</td>
<td>Same as for the &quot;Upgrade Stormwater Infrastructure&quot; project.</td>
</tr>
<tr>
<td></td>
<td>Taxi lay-by</td>
<td>1 000 000</td>
<td>-</td>
<td>1 000 000</td>
<td>Same as for the &quot;Upgrade Stormwater Infrastructure&quot; project however preliminary meetings and locations have been identified.</td>
</tr>
<tr>
<td></td>
<td>New guardrails</td>
<td>1 020 000</td>
<td>434 145</td>
<td>585 856</td>
<td>All of the requests have been completed and it proposed that the funds be moved or of the scope be extended to include speed humps and other road safety infrastructure.</td>
</tr>
<tr>
<td></td>
<td>MIG164160 SWalks (LMDK)(own)-CBD(Clinic walkway)-Sedgf</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>These budgets have been included in the extension to tender T32/2017/18. The main contractor has met with the SMME’s and agreements on the structure have been concluded at the end of 2019. At present the parties are negotiating the final rates and work will start sooner, if agreement can be reached between the parties.</td>
</tr>
</tbody>
</table>

Table 3 Expenditure Report up to 31 December 2019
FINANCIAL IMPLICATIONS

Table 2 above refers. The projects that have already been awarded and have commenced on site (the Gravel Roads and Gray St.) will continue as planned and the updated cash flows will be fed into the Adjustments Budget in order to bring the budget in line with the contractor’s projections. It is expected that these project budgets will be reduced in this year and that the differences will be rolled-over to 2020/2021 based on the cash flows and contract amounts.

This will mean that next years' budget will be amended to be in line with the contract amounts and will no longer be estimates.

The agreements for the sidewalk projects have also concluded and will commence and be completed in this year. This bring to an end the MIG program for sidewalks for Knysna as phase 3.

The projects that have not commenced will be reduced in the adjustments budget due to there being no professional services tender (PST) in place to take them to tender stage. In some projects preliminary investigations and designs have already been made, that informed the budget, but due to the PST not being in place the agreements could not continue. It is expected that these providers will bid again and we will be in a position to continue where we left off once the tender is in place and if not then these projects must be shelved until we have a vehicle in place.

RECOMMENDATION OF THE MUNICIPAL MANAGER

That the contents of the report on Capital Projects for Storm Water and Roads for the period 1 July 2019 to 31 December 2019, be noted.

File Number: 9/1/2/1
Execution: Municipal Manager
Director Infrastructure Services
8. CLOSURE

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