



The emblem of the Republic of South Africa is centered behind the title text. It features a central shield with a yellow star at the top, a red heart in the middle, and a green base. The shield is surrounded by a circular border containing a map of South Africa. Above the shield is a crest depicting a lion holding a shield. A ribbon banner at the bottom of the emblem contains the text "MMOHO TOGETHER SISONKE TESAME".

INFRASTRUCTURE

PROGRESS REPORT ON THE WARD BASED SERVICE DELIVERY PROGRAMME

April to October 2018

PRESENTATION TO CHAIR OF CHAIRS

Presenter:

Tumelo Makofane

PRESENTATION OUTLINE

Overview

1. Electrical Engineering Services

- Repair of Public Lights

2. Civil Engineering: West Unit

- Water Repairs
- Repair and Installation of Meters
- Sewer Blockages
- Grading/ Gravelling of Roads
- Patching of Potholes
- Construction of Speed humps
- Cleaning of storm water channels

PRESENTATION OUTLINE....continued 1

3. Civil Engineering: Central Unit

- Water Repairs
- Repair and Installation of Meters
- Sewer Blockages
- Grading/ Gravelling of Roads
- Resealing of Roads
- Patching of Potholes
- Cleaning of storm water channels

PRESENTATION OUTLINE....continued 2

4. Civil Engineering: East Unit

- Water Repairs
- Repair and Installation of Meters
- Sewer Blockages
- Grading/ Gravelling of Roads
- Patching of Potholes
- Cleaning of storm water drainage

OVERVIEW

- The Directorate of Infrastructure has compiled an intensive ward-based programme to address service delivery challenges, as discussed and submitted by Ward Councillors.
- The programme will proceed over a period of six (6) *months* from 03 April to 12 October 2018, in order to make an impact on service delivery.
- This presentation is a consolidated report on work completed for the period of **April to October 2018**.

1. ELECTRICAL ENGINEERING

REPAIR OF PUBLIC LIGHTS

Period	Ward No	Area/Town	Address	Activity Completed	Resources Used
April 2018	1	Ventersburg	8 x Swartstreet, 3 x Kerkstreet 1 x Steynstreet 4 x Voortrekker street	Replaced Streetlight fittings and repair streetlights	Recycle and re-use old scrap streetlight
		Ventersburg	2 x Voortrekker Street 5 x Hakerstreet	Replaced Streetlight fittings and repair streetlights	Recycle and re-use old scrap streetlight
	33	Welkom	2,6, and 10-Modder street ST. Helena	Repaired streetlights at 2, 6 and 10 Modder street	Recycle and re-use old scrap streetlight
	35	Welkom	78-74-Finch street Lake View	Repair streetlights at 78-74-Finch street Lake View	Recycle and re-use old scrap streetlight
	36	Thabong	C-Hostel , Constantia road Thabong	Repair cable feeding high mast light T1/39 at C-Hostel in Thabong.	Recycle and re-use old scrap streetlight
	25	Riebeeckstad	Corner of Mozart and Strauss streets Reebiekstad	Repaired 1X streetlight at Corner of Strauss and Mozart streets.	Recycle and re-use old scrap streetlight
	25	Riebeeckstad	2-Clyde street Reebiekstad	Repaired 1X streetlight at 2-Clyde street	Recycle and re-use old scrap streetlight
	29	Thabong	1543-Thokoza street Thabong	Repaired high mast light T2/4 at 1543-Thokoza street (faulty contactor replaced)	Recycle and re-use old scrap streetlight
	25	Riebeeckstad	Parkway Riebeeckstad	Repaired 8X streetlights at Parkway	Recycle and re-use old scrap streetlight
	12	Thabong	Zuka Boloi Stadium Thabong	Repaired damage caused by theft and vandalism to lights	Recycle and re-use old scrap streetlight
	28	Thabong	1209-Thladi street Thabong	Repaired high mast light T2/5 at 1209-Thladi street (faulty contactor replaced)	Recycle and re-use old scrap streetlight
	29	Thabong	1543-Thokoza street Thabong	Repaired high mast light T2/4 at 1543-Thokoza street (faulty contactor replaced)	Recycle and re-use old scrap streetlight
	26	Thabong	Nkumi road Thabong	Repaired high mast light T14/61	Recycle and re-use old scrap streetlight

April 2018

1. ELECTRICAL ENGINEERING

REPAIR OF PUBLIC LIGHTS

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	15	Thabong	Thebekos street Thabong.	Repaired high mast light at Thebekos street T4/22	Recycle and re-use old scrap streetlight
	35	Odendaalsrus	Frank street Odendaalsrus	Repaired 5X streetlights at Frank street.	Recycle and re-use old scrap streetlight
	35	Odendaalsrus	Erleigh Boulevard Odendaalsrus	Repaired 3X streetlights at Erleigh Boulevard	Recycle and re-use old scrap streetlight
	1	Ventersburg	Scholtzstreet	Repair streetlight overhead line	Recycle and re-use old scrap streetlight
	10	Riebeeckstad	Riebeeckstad swimming pool hall	Repaired lights at Riebeeckstad swimming pool hall (due to wedding venue)	Recycle and re-use old scrap streetlight
	25	Riebeeckstad	40-Malher and 14-Dvorack streets Riebeeckstad ,Welkom	Repaired streetlights at 40-Malher , 14-Dvorack, streets	Recycle and re-use old scrap streetlight
	25	Riebeeckstad	Juno street Riebeeckstad, Welkom	Repaired streetlights on the whole street of Juno street	Recycle and re-use old scrap streetlight
	10	Kutlwongan	High Mast Not 8485 K9	Repair high mast of which lights were not working	Recycle and re-use old scrap streetlight
	11	Bronville	High Mast in Goud Street	Repair high mast of which lights were not working (3/6 working)	Recycle and re-use old scrap streetlight
	11	Bronville	High Mast in Adam Cock	Repair high mast of which lights were not working (2/6 working)	Recycle and re-use old scrap streetlight
	11	Bronville	Main Entrance Road to Bronville	Repair 13 streetlights maintenace road.	Recycle and re-use old scrap streetlight
	25	Riebeeckstad	40 Malher Street	Repaired streetlights at 40-Malher street	Recycle and re-use old scrap streetlight

1. ELECTRICAL ENGINEERING

REPAIR OF PUBLIC LIGHTS

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	25	Riebeeckstad	Juno Street	Repaired streetlights at the Whole street in Juno street	Recycle and re-use old scrap streetlight
	11	Bronville	High Mast in Teddies Taver.	Repair high mast of which lights were not working	Recycle and re-use old scrap streetlight
	11	Bronville	High Mast in Golding Street Inside of the Welkon Secondary School	Repair high mast of which lights were not working	Recycle and re-use old scrap streetlight
	11	Bronville	High Mast in Community Avenue	Repair high mast of which lights were not working	Recycle and re-use old scrap streetlight
	11	Bronville	High Mast in Lazzies Tavern	Repair high mast of which lights were not working	Recycle and re-use old scrap streetlight
	11	Bronville	High Mast in Pope Street	Repair high mast of which lights were not working (2/6 working)	Recycle and re-use old scrap streetlight
	18	Kutlwanoong	Repaired High mast light 82 B4	Repair high mast	Recycle and re-use old scrap streetlight
	19	Kutlwanoong	Repaired High mast light 313 B4	Repair high mast	Recycle and re-use old scrap streetlight

Kindly be advised that the work the Electrical Department could conduct were at a minimum due to the following:

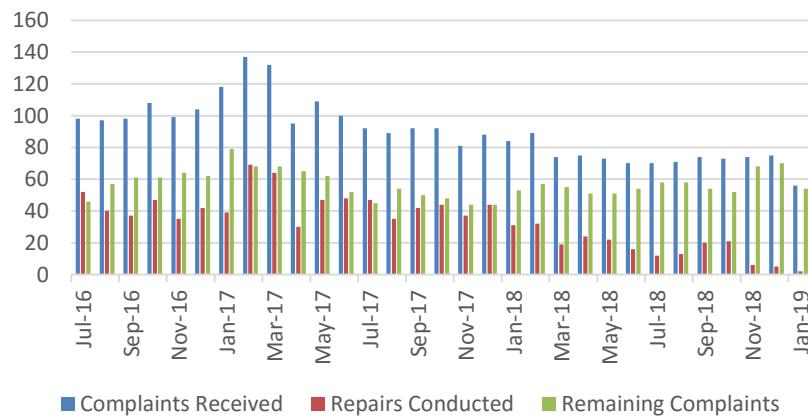
- The cherry picker is again standing; this time with broken prop shaft
- There are no 125 MV globes and materials available to attend to streetlight breakdowns.
- There are no 1000 HPS lamps and materials available to repair high mast lights complaints.

ELECTRICAL ENGINEERING

EXECUTIVE SUMMARY REPAIR OF PUBLIC LIGHTS APRIL TO OCTOBER 2018

Summary Streetlight Infrastructure Status and Repairs Conducted for the period April to October 2018									
Month	High Masts				Month	Street Lights			
Month	Complaints Received	Repairs Conducted	Remaining Complaints	% of high mast working out of 367	Month	Complaints Received	Repairs Conducted	Remaining Complaints	% of Streetlights working out of from 18772
Apr	95	30	65	82.29%	Apr	953	269	684	96.35%
May	109	47	62	83.11%	May	832	280	552	97.05%
Jun	100	48	52	85.83%	Jun	834	365	469	97.49%
Jul	92	47	45	87.74%	Jul	721	328	393	97.90%
Aug	89	35	54	85.29%	Aug	554	227	327	98.25%
Sep	92	42	50	86.38%	Sep	591	268	323	98.27%
Oct	92	44	48	86.92%	Oct	689	394	295	98.42%
Totals	669	293	376		Totals	5174	2131	3043	

High Mast Light Status



ELECTRICAL ENGINEERING
PER WARD STATUS & REPAIR OF PUBLIC LIGHTS
APRIL TO OCTOBER 2018 (Eastern Section)

Summary April to October 2018 Public Lighting Status							
Ward no	Town Area	High Mast			Streetlights		
		Compliants	Repaired	Remaining	Compliants	Repaired	Remaining
Eastern Section							
1	Ventersburg and Mmamahabane	13	17	4	557	318	239
2	Phomolong	48	0	48	0	0	0
3	Phomolong Hennenman	51	5	46	1266	111	1155
4	Moleding Ereka	14	2	12	0	0	0
5	Moleding	35	0	35	0	0	0
6	Meloding Stilte	16	2	14	0	0	0
7	Meloding Stilte	26	8	18	0	0	0
8	Virginia Harmony and Saaiplaas	14	0	14	638	402	236
9	Virginia	15	1	14	961	753	208
Totals		232	35	205	3422	1584	1838

ELECTRICAL ENGINEERING
PER WARD STATUS & REPAIR OF PUBLIC LIGHTS
APRIL TO OCTOBER 2018 (Western Section)

Ward	Town Area	High Mast			Streetlights		
		Compliants	Repaired	Remaining	Complaints	Repaired	Remaining
11	Bronville	35	19	16	21	15	6
12	Bronville Thabong	0	0	0	0	0	0
13	Thabong	42	12	30	0	0	0
14	Thabong	33	18	15	0	0	0
15	Thabong	46	12	34	0	0	0
16	Thabong	43	7	36	0	0	0
17	Thabong	56	12	44	0	0	0
18	Kutlwang	46	12	34	0	0	0
19	Phomolong	31	5	26	0	0	0
20	Kutlwang	33	12	21	0	0	0
21	Kutlwang	39	12	27	0	0	0
22	Kutlwang	45	10	35	0	0	0
23	Mine Area	0	0	0	0	0	0
24	Farms	41	6	35	0	0	0
25	Riebeeckstad & Thabong	20	0	20	498	323	175
26	Thabong	62	19	43	0	0	0
27		42	13	29	0	0	0
28	Thabong	39	7	32	0	0	0
29	Thabong	19	4	15	0	0	0
30	Thabong & Welkom	32	2	30	449	233	216
31	Thabong	26	5	21	0	0	0
32	Welkom	19	0	19	729	323	406
33	Welkom	30	0	30	496	223	273
34	Welkom	0	0	0	944	284	660
35	Welkom & Odendaalsrus	0	0	0	512	268	244
36	Allanridge & Nayakalong	24	5	19	672	215	457
Totals		803	192	611	4321	1884	2437

1. ELECTRICAL ENGINEERING...continued

REPAIR OF PUBLIC LIGHTS - In pictures (*Before, during and After*)



1. ELECTRICAL ENGINEERING...continued

REPAIR OF PUBLIC LIGHTS - In pictures (*Before, during and After*)



2. CIVIL ENGINEERING: WEST UNIT

Water leakage repairs

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	10	K9 in Kut	7922, 7292, 7505, 7688, 7288, 7532, 7538 K/9	Repair of burst pipes	Hired TLB
	18		260 Block 2, 280 Block 4, 3946 K/2	Repair of burst pipes	Own resources
	20		232, 27, 93, 320 Block 6, 937 K/3	Repair of burst pipes	Own resources
	21		5966 K/6), (6969 K/8)	Repair of burst pipes	Own resources
	22		461 B/7, 64 B/7, 1654 K/4, 9376 K/9	Repair of burst pipes	Own resources
	35	OD	5 Bridger	Repair of burst pipes	Own resources
	36	OD	Waterkant Street	Repair of burst pipes	Own resources
	19	Nya	N/A	N/A	
	36	Allanridge	Chalumna Street	Repair of burst pipes	Own resources
	10	Kutlwanong	7870, 7510, 7512, 7500, 7753, 8170, 7819, 7573, 7397, 7403, 7406 K/9	Repair of burst pipes	Own resources
	10	Kutlwanong	7523, 7425, 7430, 7637, 7643, 8386, 8299, 8306, 7812, 7424, 7425, 7518, 7697, 7881, 7514, 7616, 8413, 8427, 8429 K9	Repaired meters and connections	Own resources
	18	Kutlwanong	(405 & 123 B/4, 10282 K/2	Repair of burst pipes	Own resources
	18	Kutlwanong	30 B/2, (13, 247 B/4), (2631, 3588, 3342, 3196, 3101 K/5)	Repaired meters and connections	Own resources
	18	Kutlwanong	2927, 2649, 2782-K/5	Installed new meters	Own resources

2. CIVIL ENGINEERING: WEST UNIT

Water leakage repairs

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
May 2018	22	Kutlwanong	1501 K4, 9200 & 9561 K 9	Repair of burst pipes	Own resources
	22	Kutlwanong	252 Block 7, 1466, 1468, 1825 & 1875 K4 and 4183 K7	Repaired meters and connections	Own resources
June 2018	19	Nyakallong		Repair of burst pipes	Own resources
	19	Nyakallong	2475; 2062; 359; 2756; 2750; 560; 2316; 926; 1010, 4008; 3721; 3680; 1053; 1894; 3080;	Repaired meters and connections	Own resources
	19	Nyakallong	751; 4160; 155; 286; 390; 294; 229; 1849; 332; 3994 3940; 2016; 3917; 3240; 2414; 1830	Repaired meters and connections	Own resources
	22	Kutlwanong	9561, 9738 & 9768 K9	Repair of burst pipes	Own resources
	22	Kutlwanong	814 & 194 Block 7, 9881, 9740, 9741, 9590 & 9591 K9 4098 & 2105 K7	Repaired meters and connections	Own resources

2. CIVIL ENGINEERING: WEST UNIT

Repair and Installation of Meters

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	18	Kuthwanong	306, 2782, 2927, 2649, K5	Replace w/m	Water material
	18	Kuthwanong	36, 280 B/6	Replace w/m	
	18	Kuthwanong	161 B/5	Replace w/m	
	18	Kuthwanong	307 B/7	Replace w/m	
	18	Kuthwanong	1932 K/9	Replace w/m	
	18	Kuthwanong	6289, 5086 K/6	Replace w/m	
	10	Kuthwanong	8469, 7474, 7450, 7464 K9	Repair meter leakage	
	10	Kuthwanong	7510, 7512, 7505, 7552, 7397, 7403, 8429, 8427 K9	Repair meter leakage	
May 2018	21	Kuthwanong		Replaced broken meters	N/A
	21	Kuthwanong		Replaced broken meters	N/A
June 2018	21	Kuthwanong		Replaced broken meters	N/A
	21	Kuthwanong	346 Block 7	Replaced broken meters	N/A

2. CIVIL ENGINEERING: WEST UNIT

Sewer Blockages

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	10	Kutlwanong	2 x at 7450 K9	Sewer line full of sand due to blockages.	Rescue Rod
	18	Kutlwanong	1131 k2, 13 block 2, 3211 k5 3344k5, 3255 k5, 3347 k5 3270 k5, 3705 k5	Opened sewer blockages.	Own resources and Rescue Rod
May 2018	22	Kutlwanong	Site 1747 K4 & 2429 K7	Opened sewer blockages.	Own resources
June 2018	19	Nyakallong	2841; 3059; 4089; 3389; 1549; 3065; 1439; 1150; 1830, 985; 1613; 1685; 4058; 3386; 337; 581; 1856; 3369; 275	Opened sewer blockages.	Own resources
	19	Nyakallong	3405; 3920; 318; 1629; 3045; 2756; 3342; 3355; 1736 2823; 1367; 3039; 1889; 1542; 3182; 2055	Opened sewer blockages.	Own resources

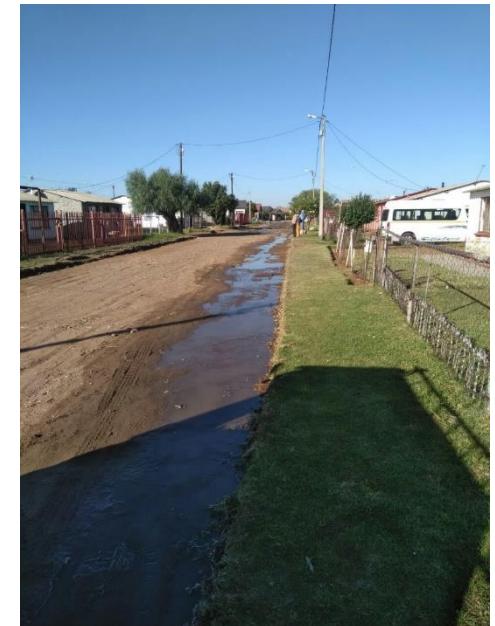
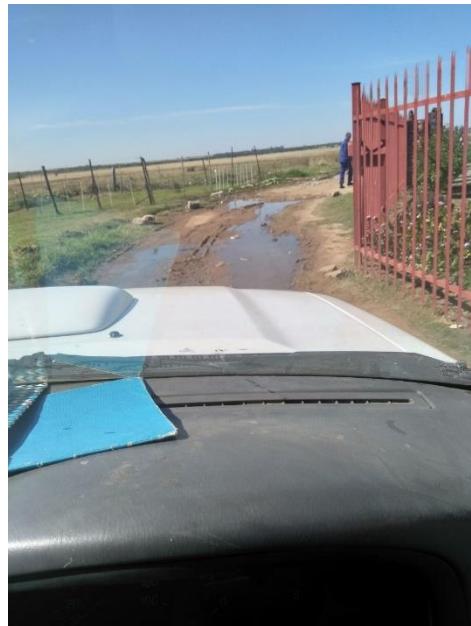
2. CIVIL ENGINEERING: WEST UNIT

Sewer Blockages- In pictures (*Before, during and After*)



2. CIVIL ENGINEERING: WEST UNIT

Sewer Blockages- In pictures (*Before, during and After*)



2. CIVIL ENGINEERING: WEST UNIT

Sewer Blockages- In pictures (*Before, during and After*)



2. CIVIL ENGINEERING: WEST UNIT

Sewer blockages opened by Rescue Rod

Blockages opened by Rescue Rod: Infrastructure West			
Date	Town	Ward	Addresses and activities
28 March 2018	OD	35 & 36	Opened blockages at 5 Waterkant, 6 Lourier, 16 Jasmyn, 17 Brian, Hospital-Park bridge & 7deLaan
29 March 2018	Kutlwanong	20	Opened blockages at 1467, 1484, 1598 K4, 7455 K9 & 1659 K4
30 March 2018	Kutlwanong	20, 21	Opened blockages at 2 651 K5, 1633 K4, 816 Block 7 & swept line and vacume manholes
31 March 2018	Kutlwanong	21	2651 K5, & opened blockage, swept the line and vacumed manholes
01 April 2018	Kutlwanong	20, 21	1366 K4, & opened blockage & swept the line, Opened blockage at 4423 K6 & Swept the line in K6 from 5075 to 6074
02 April 2018	Kutlwanong	20 ,21	1351 K4 opened blockage & swept the line. Jetted 1661 K4 - realized pipe is broken and must be excavated to be repaired. Swept the line from 6537 - 6542 K6 and vacumed manholes
03 April 2018	Kutlwanong / OD	10	Started cleaning sewer outfall in K9. Opened blockage civil centre on OD
04 April 2018	Kutlwanong / OD	18 , 20, 35	3935 K2, & opened blockage & swept the line. Swept the line from 281 -296-300-306 and vacumed manholes. 257 Block 7. OD: Opened blockages at 99 VD Vyfer, 11 Doreen & 67 Dolly road.
05 April 2018	Kutlwanong	10	9332 & 9345 K9, 1661 K4 & 8264 K9: opened blockages, swept line and vacume manholes
06 April 2018	Kutlwanong	10, 20, 21,	1825 K4 - opened blockage, but found a stone lodged in the line. K4 9332 & 9345 K9, 1661 K4 & 8264 K9: opened blockages & swept line. Opened blockages at 5028-6079 K6 & 4470-4466. Swept lines at 5376 K6, 5144-5348, 450 & 1661 K4
07 April 2018			Weekend off
08 April 2018			Weekend off
09 April 2018	Kutlwanong	20	Opened blockages at 10285 Block 4,1351 K4, 2651 K5, 777 Block 7 & 7450 K9. The latter line was full of sand. 300-306-2631 Block 4 opened blockage & swept the line

2. CIVIL ENGINEERING: WEST UNIT

Sewer blockages opened by Rescue Rod

Blockages opened by Rescue Rod: Infrastructure West			
10 April 2018	Kutlwanong / OD	21, 35	2651 K5 opened blockage, but discovered pipe is broken - that is why it keeps on blocking. OD: Open blockages at 74 Iris, Josias, 45 Elysia, Bridger / Eksteen, 7 Du Plessios & 25 Akasia.
11 April 2018	Kutlwanong	10	Worked the whole day at 7455 & 7335 K9 - sewer line solidly blocked with sand
12 April 2018	Nyakkallong / OD / Kut	19, 35, 20	403, 433 & 238 opened blockages & swept the line. OD: H/V Bruine & Eksteen, 44 Bridger, 1 Olienhou, 27 & 73 Iris. Opened blockages at Kut 21 Du Plessis
13 April 2018	Kutlwanong	10	Continued cleaning sewer outfall in K9.
14 April 2018			Weekend off
15 April 2018			Weekend off
16 April 2018	Kutlwanong / OD	21, 20, 35	Opened blockages at 1638 & 1351 K4, 3235 K5 & continued with the cleaning of the K9 outfall sewer. OD: Open blockages at 22 Ann, 101 VD Vyfer & Josias
17 April 2018	Kutlwanong	10	Worked the whole day at 7455 & 7335 K9 - sewer line solidly blocked with sand
18 April 2018	Kutlwanong / OD	10, 21 20, 35	Opened blockage at 7490 K9, swept the line and took out sand. Opened blockage at 5018 K6, 3346 K5, 9186 K6 & 777 Block7. OD : Opened blockage at 15 VD Vyfer, 7 Elisia & 11 State houses.
19 April 2018	Kutlwanong / OD	10, 20, 35	Opened blockage at 8806, 8813 K9 & 1344 K4 OD: VD Vyfer
20 April 2018	Kutlwanong	10, 21	Opened blockage at 8811 K9, swept the line and took out sand from 2934 - 2963 K5.
21 April 2018	Kutlwanong	10, 21, 18	Opened blockages at 8806 K9, 58 Block 1 & 492 Block 2. 1157 K1 swept / cleaned the line to Block 5 past the civic centre.
22 April 2018	Kutwanong	10	Cleaned pump station, but had to block the main sewer line off to do it.

2. CIVIL ENGINEERING: WEST UNIT

Grading/ Gravelling of Roads

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	10	K9	7388 - 7421 K 9 7391 - 7405 K 9 7300 - 8575 K 9 Street between Block 2 & K 9	Bladed roads Reduced wing rows, because trucks and front-end loader not available to remove wing rows.	Own resources
	10	K9	8507 - 8522 K 9 8474-8532/8500-8496/8455-8473 K 9 8590-8623/8631-8625/8612-8803 K 9 7566 K 9 - 7455 - 7451	Bladed roads Reduced wing rows, because trucks and front-end loader not available to remove wing rows.	Own resources
	10	K9	8801 - 8815 K 9 / 8826 - 8823 K 9 8853 - 8829 K 9	Bladed roads Reduced wing rows, because trucks and front-end loader not available to remove wing rows.	Own resources
May 2018	22	Kutlwanong	6570 k7	Bladed roads and removed wing rows	Rented and own equipment
June 2018	22	Kutlwanong	4190 - 4174 K7	Bladed roads	Rented and own equipment

2. CIVIL ENGINEERING: WEST UNIT

Grading/ Gravelling of Roads - In pictures (*Before, during and After*)



2. CIVIL ENGINEERING: WEST UNIT

Grading/ Gravelling of Roads - In pictures (*Before, during and After*)





2. CIVIL ENGINEERING: WEST UNIT

Patching of Potholes

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	10	Kutlwano	8342 & 8447 & 8640 K9	Sealed potholes with cold tar	Own resources
	18	Kutlwano	3439 Mqkababa, & SASSA Block 4	Sealed potholes with cold tar	Own resources
May 2018	22	Kutlwano	529 Block 7	Cutting of tar and repairing of potholes	Own resources
June 2018	19	Nyakallong	228 Mokgosi road Trhireletso Primary school c/o Mokgosi & Moshane Str Entrance to Phahameng 272 Mokgosi Street	Patching potholes	Own resources
	22	Kutlwano	1989 & 1977 K4	Patching potholes	Own resources
	19	Nyakallong	Entrance - 272 Nyakallong	Patching potholes	Own resources

2. CIVIL ENGINEERING: WEST UNIT

Patching of Potholes - In pictures (*Before, during and After*)



2. CIVIL ENGINEERING: WEST UNIT

Patching of Potholes - In pictures (*Before, during and After*)





2. CIVIL ENGINEERING: WEST UNIT

Construction of Speed humps

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	10	Kuthwanong	8640 K9 7939 K9	Constructed speed humps	Own resources
May 2018	22	Kuthwanong	1948 K4	Construct Speed hump	Own equipment
June 2018	22	Kuthwanong	539 Block7, 1848 K4, 1856 K4 & 4197 K7	Construct Speed hump	Own equipment

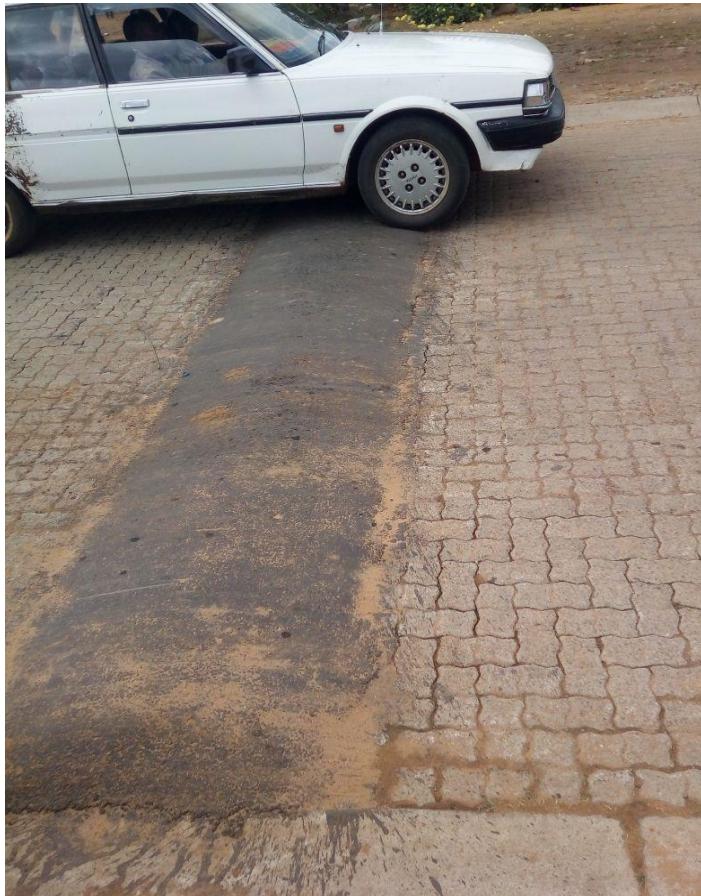
2. CIVIL ENGINEERING: WEST UNIT

Construction of Speed humps - In pictures (*Before, during and After*)



2. CIVIL ENGINEERING: WEST UNIT

Construction of Speed humps - In pictures (*Before, during and After*)



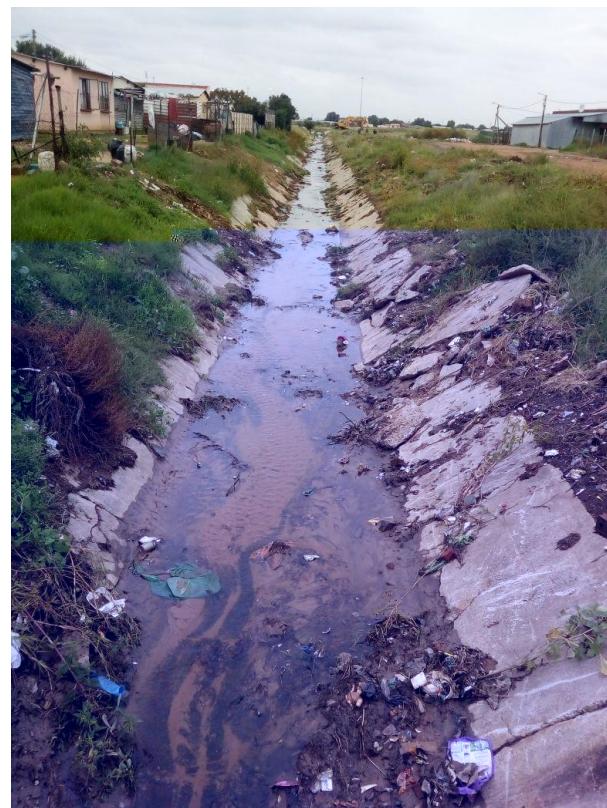
2. CIVIL ENGINEERING: WEST UNIT

Cleaning of Stormwater drainage

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	18	Kutlwanoeng	Block 4 near Stadium ; 225 Block 4 K 2 Canal ; 224 Block 4 , K 2 c/o Rearabetswe School	Cleaned main storm water channel	Rented excavator, truck and front-end-loader
May 2018	18	Kutlwanoeng	Block 2 near Dlamini , Block 2 Impucuco School, K 1	Removeds rubbish from storm water channels	Rented excavator, truck and front-end-loader

2. CIVIL ENGINEERING: WEST UNIT

Cleaning of stormwater drainage - In pictures (*Before, during and After*)



3. CIVIL ENGINEERING: CENTRAL UNIT

WATER LEAKAGE REPAIRS

APRIL 2018	
Ward	Leakages repaired
WD 10 RIEBECK AND KUTLWANONG	12
WD 11 BRONVILLE	16
WD 12 BRONVILLE AND THABONG	2
WD 13 THABONG	0
WD 14 THABONG	2
WD 15 THABONG	2
WD 16 THABONG	2
WD 17 THABONG	4
WD 23 WELKOM AND SOUTH FARMS	0
WD 24 WELKOM AND WEST FARMS	0
WD 25 RIEBECKSTAD AND THABONG	38
WD 26 THABONG	12
WD 27 WELKOM AND NORTH FARMS	24
WD 28 THABONG	6
WD 29 THABONG	11
WD 30 THABONG AND WELKOM	11
WD 31 THABONG	4
WD 32 WELKOM	90
WD 33 WELKOM	90
WD 34 WELKOM	18
WD 35 WELKOM AND ODENDAAL	0
WATER GRAND TOTALS	344

MAY 2018	
Ward	Leakages repaired
WD 10 RIEBECK AND KUTLWANONG	0
WD 11 BRONVILLE	20
WD 12 BRONVILLE AND THABONG	13
WD 13 THABONG	2
WD 14 THABONG	0
WD 15 THABONG	0
WD 16 THABONG	0
WD 17 THABONG	4
WD 23 WELKOM AND SOUTH FARMS	0
WD 24 WELKOM AND WEST FARMS	0
WD 25 RIEBECKSTAD AND THABONG	11
WD 26 THABONG	4
WD 27 WELKOM AND NORTH FARMS	13
WD 28 THABONG	2
WD 29 THABONG	5
WD 30 THABONG AND WELKOM	7
WD 31 THABONG	14
WD 32 WELKOM	45
WD 33 WELKOM	70
WD 34 WELKOM	20
WD 35 WELKOM AND ODENDAAL	0
WATER GRAND TOTALS	230

3. CIVIL ENGINEERING: CENTRAL UNIT

WATER LEAKAGE REPAIRS

JUNE 2018	
Ward	Leakages repaired
WD 10 RIEBECK AND KUTLWANONG	1
WD 11 BRONVILLE	4
WD 12 BRONVILLE AND THABONG	0
WD 13 THABONG	2
WD 14 THABONG	0
WD 15 THABONG	0
WD 16 THABONG	0
WD 17 THABONG	0
WD 23 WELKOM AND SOUTH FARMS	0
WD 24 WELKOM AND WEST FARMS	0
WD 25 RIEBECKSTAD AND THABONG	7
WD 26 THABONG	0
WD 27 WELKOM AND NORTH FARMS	14
WD 28 THABONG	0
WD 29 THABONG	0
WD 30 THABONG AND WELKOM	1
WD 31 THABONG	0
WD 32 WELKOM	30
WD 33 WELKOM	39
WD 34 WELKOM	25
WD 35 WELKOM AND ODENDAAL	4
WATER GRAND TOTALS	127

JULY 2018	
Ward	Leakages repaired
WD 10 RIEBECK AND KUTLWANONG	0
WD 11 BRONVILLE	1
WD 12 BRONVILLE AND THABONG	10
WD 13 THABONG	6
WD 14 THABONG	2
WD 15 THABONG	5
WD 16 THABONG	0
WD 17 THABONG	18
WD 23 WELKOM AND SOUTH FARMS	0
WD 24 WELKOM AND WEST FARMS	0
WD 25 RIEBECKSTAD AND THABONG	11
WD 26 THABONG	7
WD 27 WELKOM AND NORTH FARMS	30
WD 28 THABONG	3
WD 29 THABONG	9
WD 30 THABONG AND WELKOM	1
WD 31 THABONG	7
WD 32 WELKOM	42
WD 33 WELKOM	57
WD 34 WELKOM	34
WD 35 WELKOM AND ODENDAAL	3
WATER GRAND TOTALS	246

3. CIVIL ENGINEERING: CENTRAL UNIT

WATER LEAKAGE REPAIRS

AUGUST 2018	
Ward	Leakages repaired
WD 10 RIEBECK AND KUTLWANONG	0
WD 11 BRONVILLE	1
WD 12 BRONVILLE AND THABONG	2
WD 13 THABONG	4
WD 14 THABONG	1
WD 15 THABONG	4
WD 16 THABONG	2
WD 17 THABONG	27
WD 23 WELKOM AND SOUTH FARMS	26
WD 24 WELKOM AND WEST FARMS	0
WD 25 RIEBECKSTAD AND THABONG	33
WD 26 THABONG	14
WD 27 WELKOM AND NORTH FARMS	26
WD 28 THABONG	2
WD 29 THABONG	1
WD 30 THABONG AND WELKOM	4
WD 31 THABONG	5
WD 32 WELKOM	62
WD 33 WELKOM	51
WD 34 WELKOM	27
WD 35 WELKOM AND ODENDAAL	0
WATER GRAND TOTALS	292

SEPTEMBER 2018	
Ward	Leakages repaired
WD 10 RIEBECK AND KUTLWANONG	2
WD 11 BRONVILLE	2
WD 12 BRONVILLE AND THABONG	10
WD 13 THABONG	0
WD 14 THABONG	4
WD 15 THABONG	5
WD 16 THABONG	0
WD 17 THABONG	7
WD 23 WELKOM AND SOUTH FARMS	3
WD 24 WELKOM AND WEST FARMS	0
WD 25 RIEBECKSTAD AND THABONG	17
WD 26 THABONG	3
WD 27 WELKOM AND NORTH FARMS	12
WD 28 THABONG	3
WD 29 THABONG	0
WD 30 THABONG AND WELKOM	2
WD 31 THABONG	5
WD 32 WELKOM	38
WD 33 WELKOM	48
WD 34 WELKOM	20
WD 35 WELKOM AND ODENDAAL	2
WATER GRAND TOTALS	183

3. CIVIL ENGINEERING: CENTRAL UNIT

WATER LEAKAGE REPAIRS

OCTOBER 2018	
Ward	Leakages repaired
WD 10 RIEBECK AND KUTLWANONG	1
WD 11 BRONVILLE	5
WD 12 BRONVILLE AND THABONG	0
WD 13 THABONG	0
WD 14 THABONG	2
WD 15 THABONG	0
WD 16 THABONG	1
WD 17 THABONG	0
WD 23 WELKOM AND SOUTH FARMS	9
WD 24 WELKOM AND WEST FARMS	0
WD 25 RIEBECKSTAD AND THABONG	15
WD 26 THABONG	2
WD 27 WELKOM AND NORTH FARMS	19
WD 28 THABONG	5
WD 29 THABONG	2
WD 30 THABONG AND WELKOM	0
WD 31 THABONG	6
WD 32 WELKOM	39
WD 33 WELKOM	21
WD 34 WELKOM	22
WD 35 WELKOM AND ODENDAAL	2
WATER GRAND TOTALS	151

3. CIVIL ENGINEERING: CENTRAL UNIT: WATER DEMAND - Repair and Installation of Meters

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	11	Bronville	253, 251, 242, 246, 239, 266 Golding	Repair connection	
	11	Bronville	250, 259 Golding	Replace water meter	
	11	Bronville	345 Barend	Replace water meter	
	11	Bronville	236 Golding	Repair meter coupling	
	11	Bronville	346, 311, 309, 303 Barend	Replace water meter	
	11	Bronville	309 Barend	Repair meter coupling	
	11	Bronville	308, 301 Barend	Repair connection	
	11	Bronville	2769 Sinope	Replace water meter	
	11	Bronville	2672 Sinope	No problem found	
	11	Bronville	235 Saturnus	Replace water meter	
	13	Thabong	28079, 28072	Repair connection	
	13	Thabong	25208, 28129, 28165, 24730	Replace water meter	
	13	Thabong	28071, 28054, 28056, 28086	Replace water meter	
<p>House to house investigations conducted in Wards 11 and 25 to determine priority list because no addresses was stipulated on the programme. The team continued work in Ward 13.</p> <p>Repairs/replacements will continue in Wards 11 and 25 based on the outcome of the investigations conducted.</p>					

3. CIVIL ENGINEERING: CENTRAL UNIT: WATER DEMAND - Repair and Installation of Meters

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	11	Bronville	999, 995 Ascension	Repair stopcocktop top and meter coupling	Water material
	11	Bronville	206 Adam Kok	Repair connection	
	11	Bronville	926 Winkelhaak	Replace w/m	
	11	Bronville	31705 Ext 15	Repair connection	
	11	Bronville	33333 Ext 19	Repair connection	
	11	Bronville	33275 Ext 19	Repair connection	
	11	Bronville	155 Golding	Repair front connection	
	25	Thabong	3021	Repair ½' connection	
	25	Thabong	2023	Repair gland	
	25	Thabong	3027	Replace w/m	
	25	Thabong	20056	Replace	
	25	Riebeekstad	8 Mozart	Repair meter coupling	
	25	Riebeekstad	16 Azalia	Install w/m	
	11	Bronville	31705 Ext 15	Repair connection	
	12	Thabong	11635, 11655, 11662, 11813, 11810	Repair meter coupling and conn	
	25	Riebeekstad	56 Maree	Repair meter coupling	
	25	Riebeekstad	73 Craib	Repair meter coupling	
	25	Riebeekstad	21 Derek	No problem found	
	25	Riebeekstad	9 Brahams	Repair meter coupling	

3. CIVIL ENGINEERING: CENTRAL UNIT: WATER DEMAND - Repair and Installation of Meters

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	11	Bronville	Welkom Secondary School c/o Barend & Pietersen	Repair front valve (packing)	Water material
	11	Bronville	1991 Lottre (Police Station)	Repair leakage	
	11	Bronville	2665 Waterboer	Repair meter coupling	
	11	Bronville	2670 Waterboer	Repair connection	
	11	Bronville	2742 Triton	Repair meter coupling	
	11	Bronville	317, 29 Barend	Replace w/m	
	11	Bronville	2727, 2695, 2725 Metis	Replace w/m	
	11	Bronville	576, 290, 293, 274, 275, 226 Barend	Repair connection	
	11	Bronville	369, 374, 284 Sanders	Repair connection	
	11	Bronville	2831, 2827, 2826 Lyra	Repair connection	
	11	Bronville	2825, 2823, 2822 Draco	Replace w/m	
May 2018	13	Thabong	24295	Install new ball valve and meter box	Plumbing Team
	13	Thabong	24282, 24281	Clean meter box	
	13	Thabong	24269	Install new meter box	
	13	Thabong	24272	Clean meter and lift it up	
	13	Thabong	24890	Replace w/m	
	13	Thabong	24886	Locate water meter and clean inside meter box	
	13	Thabong	24882	Locate water meter and clean inside meter box	
	13	Thabong	24880	Discover water meter and Clean meter inside meter box	

3. CIVIL ENGINEERING: CENTRAL UNIT: WATER DEMAND - Repair and Installation of Meters

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
May 2018	13	Thabong	24720, 28056, 28052, 28079	Repair meter coupling	Plumbing Team
	13	Thabong	24724, 28081	No w/m no water	
	13	Thabong	24726, 28055	Install ball valve	
	13	Thabong	24729	Gate locked	
	13	Thabong	24732, 28094	Replace w/m	
	13	Thabong	28070	Expose buried w/m	
	13	Thabong	24701	Gate locked	
	13	Thabong	24695	Meter operational	Plumbing Team
	13	Thabong	24693, 24696, 28017	Repair meter coupling	
	13	Thabong	24714	Meter operational	
	13	Thabong	24486, 24485, 24487, 24705, 24706	Expose buried w/m	
	13	Thabong	24708	Gate locked	
11	Bronville	1027, 1036, 1059, 1065, 1055 Ascension		Replace adaptor	Plumbing Team
	Bronville	43 Barend		Replace w/m	
	Bronville	1198 Aurora		Repair meter coupling	

3. CIVIL ENGINEERING: CENTRAL UNIT: WATER DEMAND - Repair and Installation of Meters

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
May 2018	13	Thabong	24295	Install new ball valve and meter box	
	13	Thabong	24282	Turn meter upside down	
	13	Thabong	24269	Install new ball valve and meter box	
	13	Thabong	24272	Clean meter and lift it up	
	13	Thabong	24782, 24458	Replace w/m	
	13	Thabong	24634, 24630	Locate w/m and clean meter box	
	13	Thabong	24459	Repair meter coupling	
	13	Thabong	24461	Vacant stand no water no meter	
June 2018	13	Thabong	24295	Install new ball valve and meter box	Plumbing Team
	13	Thabong	24282	Clean meter box	
	13	Thabong	24281	Clean meter box	
	13	Thabong	24269	Install new meter box	
	13	Thabong	24272	Clean meter and lift it up	
	13	Thabong	24890	Replace w/m	
	13	Thabong	24886	Locate water meter and clean inside meter	

3. CIVIL ENGINEERING: CENTRAL UNIT: WATER DEMAND - Repair and Installation of Meters

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
June 2018	13	Thabong	24882	Locate water meter and clean inside meter	
	13	Thabong	24880	Discover water meter and Clean meter	
	13	Thabong	24295	Install new ball valve and meter box	
	13	Thabong	24282	Turn meter upside down	
	13	Thabong	24269	Install new ball valve and meter box	
	13	Thabong	24272	Clean meter and lift it up	
	13	Thabong	24281	Clean water meter underground	Plumbing Team
	13	Thabong	24782, 24458	Replace w/m	
	13	Thabong	24634, 24630	Locate w/m and clean meter box	
	13	Thabong	24459	Repair meter coupling	
	13	Thabong	24461	Vacant stand no water no meter	

3. CIVIL ENGINEERING: CENTRAL UNIT: WATER DEMAND - Repair and Installation of Meters

Period	Ward No	Meters Replaced	Meters Repaired	No Access	Complaint referred to Water Section	Resources Used
July 2018	25	4	16	4	1	Plumbing Team 5 Vehicles Water Material Water pump Tlb
	26	11	49	10	5	
	27	3	19	1	5	
	28	5	14	1	-	
	29	4	26	3	3	
	30	3	8	1	1	
	31	3	13	-	1	
	32	6	34	6	4	
	33	7	35	11	-	
	34	4	21	4	-	
August 2018	25	8	16	5	3	Plumbing Team 5 Vehicles Water Material Water pump Tlb
	26	1	10	1	1	
	27	5	28	6	1	
	28	-	-	-	-	
	29	5	10	-	2	
	30	3	17	-	1	
	31	-	1	1	-	
	32	7	53	10	2	
	33	5	21	9	1	
	34	2	19	6	5	

3. CIVIL ENGINEERING: CENTRAL UNIT: WATER DEMAND - Repair and Installation of Meters

Period	Ward No	Meters Replaced	Meters Repaired	No Access	Complaint referred to Water Section	Resources Used
September 2018	25	6	8	3	3	Plumbing Team 5 Vehicles Water Material Water pump Tlb
	26	2	27	3	-	
	27	3	24	1	1	
	28	-	3	-	-	
	29	-	3	-	-	
	30	1	4	-	-	
	31	-	3	-	-	
	32	14	31	8	5	
	33	8	30	3	2	
	34	8	26	6	8	
October 2018	25	1	13	3	1	Plumbing Team 5 Vehicles Water Material Water pump Tlb
	26	2	12	4	-	
	27	2	20	3	1	
	28	5	20	2	-	
	29	2	27	5	-	
	30	3	13	1	-	
	31	-	12	2	-	
	32	9	27	6	3	
	33	7	14	4	1	
	34	6	16	4	3	

3. CIVIL ENGINEERING: CENTRAL UNIT

Sewer Blockages

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	11	BRONVILLE	267 GOLDING	OPEN BLOCKAGE	Team of 5,vehicleand equipment
	11	BRONVILLE	2663 WATERBOER	OPEN BLOCKAGE	Team of 5,vehicleand equipment
	25	RIEBEECKSTAD	71 JASONS	OPEN BLOCKAGE	Team of 5,vehicleand equipment
	25	RIEBEECKSTAD	65 CRAIB	OPEN BLOCKAGE	Team of 5,vehicleand equipment
	25	RIEBEECKSTAD	38 LUCIA	OPEN BLOCKAGE	Team of 5,vehicleand equipment
	25	RIEBEECKSTAD	35 LANTANA	OPEN BLOCKAGE	Team of 5,vehicleand equipment
	35	RIEBEECKSTAD	50 MOZART	Open blockage	Team of 5,vehicleand equipment
	11	BRONVILLE	SANDERS	Open blockage	Team of 5,vehicleand equipment
	35	RIEBEECKSTAD	32 RAVEL	Open blockage	Team of 5,vehicleand equipment
	35	RIEBEECKSTAD	24 PALLAS	Open blockage	Team of 5,vehicleand equipment
	25	RIEBEECKSTAD	21 BERTHOLD	Open blockage	Team of 5,vehicleand equipment
	25	RIEBEECKSTAD	21 LOIS	Open blockage	Team of 5,vehicleand equipment
	25	RIEBEECKSTAD	9 SUTERA	Open blockage	Team of 5,vehicleand equipment
	11	BRONVILLE	267 GOLDEN	Open blockage	Team of 5,vehicleand equipment
	12	THABONG	25866, 25900, 14343, 28583	Open blockage	Team of 5,vehicleand equipment

3. CIVIL ENGINEERING: CENTRAL UNIT

Sewer Blockages opened by Rescue Rod

RESCUE ROD WORK REPORT FROM **28 MARCH TO 22 APRIL 2018**

NR	DATE	ADDRESS
1	28/03/18	3898 THB
2		THB POLICE STATION
3	29/03/18	2443 THB
4		19755 THB
5		MAMELO MAINLINE
6	30/03/18	MAMELO MAINLINE
7	31/03/18	VIRGIN ACTIVE
8		MNT AYLIFF
9		6263 THB
10		1046 BRVL
11	01/04/18	2029 THB
12		2105 THB
13		3651 THB
14		5281 THB
15	02/04/18	75 KAREL BREMER
16		2451 THB
17		19950 THB
18		6684 THB
19		5005 THB
20	03/04/18	OLD THB PUMPSTATION LINE
21	04/04/18	2663 THB
22		6874 THB
23	05/04/18	6874 THB
24	06/04/18	7315 THB
25		35 LANTANA
26	09/04/18	GOLDFIELDS MALL
27		MAMELO MAINLINE
28	10/04/18	HAMMOND / KOPPIE ALLEEN

3. CIVIL ENGINEERING: CENTRAL UNIT

Sewer Blockages opened by Rescue Rod

RESCUE ROD WORK REPORT FROM 28 MARCH TO 22 APRIL 2018

NR	DATE	ADDRESS
29		1 BARNATO
30		MAMELO MAINLINE
31	11/04/18	ROVERS CLUB
32		SANDERS BRVL
33		WATERBOER BRVL
34	12/04/18	SANDERS BRVL
35	13/04/18	20306 THB
36		4790 THB
37	16/04/18	MTHUSI
38		590 SANDER BRVL
39		PHAMBILI
40	17/04/18	594 SANDERS BRVL
41		267 GOLDING BRVL
42		464 BRVL
43		ORANGE CIRCLE
44	18/04/18	8020 THB
45		MT AYLIFF
46		803 PHOMOLONG
47		CONSTANTIA THB POLICE STATION
48	19/04/18	383 BARENDE BRVL
49		267 GOLDING BRVL
50		PHAMBILI
51		ASCENTION BRVL
52	20/04/18	3 PROSPERO
53		267 BVL
54		234 STATEWAY
55	21/04/18	ORANGE CIRCLE
56	22/04/18	33 PROSPERO
57		2624 THB
58		INTERMINE LINE

3. CIVIL ENGINEERING: CENTRAL UNIT

Sewer Blockages

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
May 2018	32	DOORN	73 CACTUS	Open blockage	Team of 5, vehicle and equipment
	32	DOORN	155 KOPPIE ALLEEN	Open blockage	Team of 5, vehicle and equipment
	32	DOORN	10 HOPE	Open blockage	Team of 5, vehicle and equipment
	27	DAGBREEK	25 GRAHAM	Open blockage	Team of 5, vehicle and equipment
	27	DAGBREEK	36 GRAHAM	Open blockage	Team of 5, vehicle and equipment
June 2018	34	Flamingo park	6 BUNTING	Open blockage	Team of 5, vehicle and equipment
	34	BEDELIA	80, 28, 60 ROMEO	Open blockage	Team of 5, vehicle and equipment
	34	SEEMEEUPARLK	51 MILNER	Open blockage	Team of 5, vehicle and equipment
	34	BEDELIA	28, 88 JULIET	Open blockage	Team of 5, vehicle and equipment
	34	FLAMINGO PARK	8 NAGTEGAAL	Open blockage	Team of 5, vehicle and equipment

3. CIVIL ENGINEERING: CENTRAL UNIT

Sewer Blockages

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
June 2018	34	BEDELIA	110, 62 ROSALIND	Open blockage	Team of 5,vehicle and equipment
	33	ST HELENA	24, 20 UNICOR	Open blockage	Team of 5,vehicle and equipment
	33	BEDELIA	268 STATEWAY	Open blockage	Team of 5,vehicle and equipment
	33	BEDELIA	131 OTHELLO	Open blockage	Team of 5,vehicle and equipment
	15	THABONG	16124, 18332, 24449, 24268	Open blockage	Team of 5,vehicle and equipment
	33	BEDELIA	129 ROMEO	Open blockage	Team of 5,vehicle and equipment
	33	BEDLIA	19 FALSTAFF	Open blockage	Team of 5,vehicle and equipment
	33	NAUDEVILLE	40 LENA	Open blockage	Team of 5,vehicle and equipment
	33	NAUDEVILL	66 DAVID	Open blockage	Team of 5,vehicle and equipment
	33	JAN CILLIERSPARK	18 SANGIRO	Open blockage	Team of 5,vehicle and equipment
	33	NAUDEVILL	25 SUZETTE	Open blockage	Team of 5,vehicle and equipment
	33	BEDELIA	80 OTHELLO	Open blockage	Team of 5,vehicle and equipment
	33	BEDELIA	27 MERCUTIO	Open blockage	Team of 5,vehicle and equipment

3. CIVIL ENGINEERING: CENTRAL UNIT

Sewer Blockages

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
July 2018	33	NAUDEVILLE	15 JURGENS	Open blockage	Team of 5, vehicle and equipment
	15	THABONG	16191, 15998, 18210, 15897 THB	Open blockage	Team of 5, vehicle and equipment
	15	THABONG	15757-15745	Open blockage	Team of 5, vehicle and equipment
	24	Bronville	Inter Mine Services	Open blockage	Team of 5, vehicle and equipment
	35	PHOMOLONG VILLAGE	712, 910, 772, 777, 771, 774, 982,	Open blockage	Team of 5, vehicle and equipment
	17	THABONG	26626	Open blockage	Team of 5, vehicle and equipment
August 2018	17	THABONG	26685, 26778, 26801	Open blockage	Team of 5, vehicle and equipment
September 2018	30	Thabong	554, 285, 297, 3215, 3172, 3412, 3248, 4876, 3249, 3412, 3562, 8102	Open blockage	Team of 5, vehicle and equipment
October 2018	31	Thabong	2808, 2267	Open blockage	Team of 5, vehicle and equipment

3. CIVIL ENGINEERING: CENTRAL UNIT

Grading/ Gravelling of Roads

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	11	Bronville	32148 to 32161 Bronville	212m Road re-gravelled	Grader, trucks, roller and gravel
	17	Thabong	Site 9011	Blading and graveling - 172m	Grader and Gravel
	17	Thabong	Site 25619	Blading - 430m	Grader
	16	Thabong	Site 28520	Blading - 100m	Grader
	16	Thabong	Site 29247	Blading - 240m	Grader
	13	Thabong	Site 25619	Blading - 260m	Grader
	11	Bronville	Ext 15	Gravelling of roads 792m	Grader, Water tanker, Tlb, Trucks, Roller
May 2018	13	Thabong	Freedom Square	Blading - 800m	Grader

3. CIVIL ENGINEERING: CENTRAL UNIT

Grading/ Gravelling of Roads

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
June 2018	13	Thabong	Freedom Square	Blading - 800m	Grader
	13	Thabong	Freedom Square	Blading - 800m	Grader
	26	Thabong	Molope street	150m	Grader
	12	Thabong	Makoko street	30m	Grader
	31	Thabong	Site 3998	30m Bladed	Grader
	15	Thabong	King	700m	Hired Grader
	15	Thabong	Kutu	600m	Hired Grader
	15	Thabong	THB 227	300m	Grader
	15	Thabong	Joseph Letsoa	1000m	Hired Grader
	14	Thabong	Site 14823	30m	Grader
	14	Thabong	Rolisang	45m	Grader
	14	Thabong	Site 18182	30m	Grader

3. CIVIL ENGINEERING: CENTRAL UNIT

Grading/ Gravelling of Roads

July to November 2018		
Ward 1	-	4987m
Ward 11	-	1820m
Ward 12	-	1904m
Ward 13	-	2349m
Ward 14	-	2484m
Ward 15	-	1250m
Ward 16	-	2274m
Ward 17	-	1350m
Ward 23	-	5575m
Ward 24	-	1990m
Ward 26	-	1190m
Ward 28	-	350m
Ward 29	-	300m

3. CIVIL ENGINEERING: CENTRAL UNIT

Grading/ Gravelling of Roads - In pictures (*Before, during and after*)



3. CIVIL ENGINEERING: CENTRAL UNIT

Grading/ Gravelling of Roads - In pictures (*Before, during and After*)



3. CIVIL ENGINEERING: CENTRAL UNIT

Resealing of Roads

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
July 2018	12	Thabong	Phakathi road	•Asphalt layer completed	Asphalt Paver, roller, water cart, tipper trucks

3. CIVIL ENGINEERING: CENTRAL UNIT

Patching of Potholes

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	25	Riebeeckstad	Koppie Aleen school	8m ² patched	Truck, plate compactor, cold tar and wheelbarrows
	25	Riebeeckstad	Blenheim road	48m ² patched	Truck, plate compactor, cold tar and wheelbarrows
	25	Riebeeckstad	Barnard str	17m ² patched	Truck, plate compactor, cold tar and wheelbarrows
	25	Riebeeckstad	Europa str	21m ² patched	Truck, plate compactor, cold tar and wheelbarrows
	25	Riebeeckstad	Maree str	13m ² patched	Truck, plate compactor, cold tar and wheelbarrows
	25	Riebeeckstad	Mahler str	11m ² patched	Truck, plate compactor, cold tar and wheelbarrows
	25	Riebeeckstad	Norman str	8m ² patched	Truck, plate compactor, cold tar and wheelbarrows
	12	Thabong	Matima	16m ² patched	Cold tar
	12	Thabong	The Eve	27m ² patched	Cold tar
	25	Riebeeckstad	Europa	21m ² patched	Cold tar

3. CIVIL ENGINEERING: CENTRAL UNIT

Patching of Potholes

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	30	Thabong	Constantia	65m2 patched	Cold tar and Asphalt
	25	Riebeeckstad	Maree	13m2 patched	Cold tar
	25	Riebeeckstad	Mahler	11m2 Patched	Cold tar
	25	Riebeeckstad	Norman	25m2 patched	Cold tar
	15	Thabong	Constantia	24m2 patched	Cold tar
	34	Welkom	Volks	35m2 patched	Cold tar
	32	Welkom	Koppie Alleen	33m2 patched	Cold tar
	27	Welkom	Volks	13m2 Patched	Cold tar
	33	Welkom	Mercutio	23m2 patched	Cold tar
	32	Welkom	Meulen	70m2 patched	Cold tar

3. CIVIL ENGINEERING: CENTRAL UNIT

Patching of Potholes

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	25	Thabong	Ndaki road	60m ² tar roads patched	Cold tar
	25	Riebeeckstad	Mc Lean road	13m ² tar roads patched	Cold tar
	12	Makoko	Thabong	21m ² patched	Cold tar
	32	Welkom	Barnato	33m ² patched	Cold tar
	13	Thabong	Constantia	27m ² patched	Cold tar
	32	Welkom	Geldenhuys	28m ² patched	Cold tar
May 2018	13	Thabong	Constantia	24m ² patched	Cold tar
	34	Welkom	Nassau	3m ² Patched	Cold tar
	13	Thabong	Constantia	13m ² patched	Cold tar
	32	Welkom	Taxi Rank	23m ² patched	Cold tar
	34	Welkom	Habanera	24m ² patched	Cold tar
	25	Riebeeckstad	louis	26m ² patched	Asphalt
	32	Welkom	Taxi Rank	39m ² patched	Asphalt
	25	Riebeeckstad	Craib	20m ² Patched	Cold tar
	34	Welkom	Habanera	63m ² patched	Asphalt
	25	Riebeeckstad	louis	26m ² patched	Asphalt

3. CIVIL ENGINEERING: CENTRAL UNIT

Patching of Potholes

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
June 2018	12	Makoko	Thabong	21m2 patched	Cold tar
	32	Welkom	Barnato	33m2 patched	Cold tar
	13	Thabong	Constantia	27m2 patched	Cold tar
	32	Welkom	Geldenhuys	28m2 patched	Cold tar
	13	Thabong	Constantia	24m2 patched	Cold tar
	34	Welkom	Nassau	3m2 Patched	Cold tar
	13	Thabong	Constantia	13m2 patched	Cold tar
	32	Welkom	Taxi Rank	23m2 patched	Cold tar
	34	Welkom	Habanera	24m2 patched	Cold tar
	32	Welkom	Stateway	132m2 patched	Asphalt
	25	Riebeeckstad	Lois Street	26m2 patched	Asphalt
	32	Welkom	Taxi Rank	39m2 patched	Asphalt
	25	Riebeeckstad	Craib Avenue	20m2 Patched	Cold tar
	34	Welkom	Habanera	63m2 patched	Asphalt
	34	Welkom	Nassau, Maritz, Landrost	62m2 patched	Asphalt

3. CIVIL ENGINEERING: CENTRAL UNIT

Patching of Potholes (Continue)

July to November 2018

Ward 11	10m ²
Ward 12	10m ²
Ward 13	20m ²
Ward 14	125m ²
Ward 15	37m ²
Ward 16	124m ²
Ward 17	51m ²
Ward 23	18m ²
Ward 25	20m ²
Ward 26	124m ²
Ward 27	139m ²
Ward 28	146m ²
Ward 29	150m ²
Ward 31	156m ²
Ward 32	350m ²
Ward 33	135m ²
Ward 34	290m ²

3. CIVIL ENGINEERING: CENTRAL UNIT

Cleaning of Stormwater drainage

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	12	Thabong	Matima	860m Streets cleaned	
	26	Thabong	Muruth	600m Streets cleaned	
	26	Thabong	Las Vegas - 4335	220m Streets cleaned	
	15	Thabong	Buthelezi channel	60m Cleaned	Excavator
	30	Welkom	Twist	1 Catchpit repaired	
	30	Welkom	Twist	1 catchpit cleaned	
	27	Welkom	Haarlem	9 Catchpits cleaned	
	27	Welkom	Constantia	3 Catchpit cleaned	



3. CIVIL ENGINEERING: CENTRAL UNIT

Cleaning of Stormwater drainage

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
May 2018	32	Welkom	Sangiro	2 catchpit cleaned	
	12	Thabong	Matima	420m Streets cleaned	
	12	Thabong	Matima	1900m Streets cleaned	
	32	Welkom	Twist	25m Channel cleaned	
June 2018	13	Thabong	Constantia	42m Channel cleaned	TLB
	13	Thabong	Constantia	37m Channel cleaned	TLB
	13	Thabong	Buthelezi way	800m Streets cleaned	
	13	Thabong	Buthelezi way	3 catchpit cleaned	
	13	Thabong	Buthelezi way	900m Streets cleaned	

3. CIVIL ENGINEERING: CENTRAL UNIT

Cleaning of Stormwater drainage (Continue)

July to November 2018

Ward 13	-	359m
Ward 15	-	113m
Ward 16	-	669m
Ward 17	-	37m
Ward 23	-	45m
Ward 24	-	25m
Ward 29	-	30m
Ward 31	-	25m
Ward 32	-	17m
Ward 33	-	1055m
Ward 34	-	150m

2. CIVIL ENGINEERING: EAST UNIT

VIRGINIA WATER LEAKAGE REPAIRS

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	8	SAAIPLAAS	28 NAHOON	METER REPLACED	METER
	8	SAAIPLAAS	28 BARIUM	METER REPLACED	METER
	9	KITTY	22 ERA	METER REPLACED	METER
	9	VIRGINIA	22 ARGON	GATE VALVE FAULTY	GATE VALVE
	9	VIRGINIA	49 KOMMANDO	METER REPLACED	METER
	5	MELODING	1348, 1349, 2439 STILTE	WATER LEAK	25MM CONNECTION AND PIPE
	9	SAAIPLAAS	16 MARICO	WATER LEAK	MALE ADAPTOR,VALVE REDUCER, COUPLING
	8	HARMONY	86 ZONDEREIND	BURST PIPE	BACK FILL
	1	MMAMAHABANE	1694, 1873, 1771, 1046, 1807, 2027, 497 MMAMAHABANE	WATER LEAK	GATE VALVE
	1	MMAMAHABANE	1873 MMAMAHABANE	WATER LEAK	
	1	MMAMAHABANE	602, 2529, 924, 862, 613, 2246, 1866, 2376, 36, 1822, 620 MMAMAHABANE	WATER LEAK	
	1	VENTERSBURG	30 SWART STREET	BURST PIPE	CLAMP
	1	MMAMAHABANE	2586, 1876, 564, 2290, 116, 2422, 1593, 1726, 787, 1297, 1155 MMAMAHABANE	WATER LEAK	

4. CIVIL ENGINEERING: EAST UNIT

WATER LEAKAGE REPAIRS

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	2	PHOMOLONG	3364, 2235, 3970, 11518, 667, 10347, 888, 10685, 10450 PHOMOLONG	BURST PIPE	CLAMP
	3	HENNEMAN	25 BUCK STREET	WATER LEAK	MALE ADAPTOR
	3	HENNEMAN	10 HOOP	WATER LEAK	TEE AND NIPPLE
	2	PHOMOLONG	3364, 2235, 3970, 11518, 667, 10347, 888, 10685, 10450 PHOMOLONG	BURST PIPE	CLAMP
	3	HENNEMAN	6 DELTA	WATER LEAK	MALE ADAPTOR
	3	HENNEMAN	BURGER STREET	BURST PIPE	CASCADE CLAMP
	3	HENNEMAN	VOORTREKKER STREET	WATER LEAK	GATE VALVE AND NIPPLE
	3	HENNEMAN	39 BOTHA	WATER LEAK	2 MALE ADAPTORS, PLASTIC PIPE
	2	PHOMOLONG	11452, 3376 PHOMOLONG	WATER LEAK	1 GATE VALVE, 2 NIPPLES
	3	HENNEMAN	26 FOURIE	BURST PIPE	CASCADE CLAMP
	8	HARMONY	5 UMGENI	BURST PIPE	SADDLE
	9	KITTY	34 ERA	WATER LEAK	GATE VALVE

4. CIVIL ENGINEERING: EAST UNIT

WATER LEAKAGE REPAIRS

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	9	VIRGINIA	4 LOCH	BURST PIPE	ELBOW MALE
	8	HARMONY	12 UMZINTO	BURST PIPE	SADDLE
	9	VIRGINIA	68 TULBACH	BURST PIPE	JOHNSON COUPLING, GATE VALVE
	8	HARMONY	27 VERONA	BURST PIPE	FIRE HYDRANT FIXED WITH NEW PLUNGER
	8	HARMONY	93 GAWIE THERON	WATER LEAK	STRAIGHT COUPLING
	8	HARMONY	28 RIVERSIDE	BURST PIPE	SADDLE
	8	SAAIPLAAS	4 GEORGE YOUNG	WATER LEAK	
	8	SAAIPLAAS	91 QUEENSWAY	WATER LEAK	GLAND
	8	SAAIPLAAS	9 BARIUM	WATER LEAK	COUPLING
	8	SAAIPLAAS	70 MANGAAN	WATER LEAK	GLAND
	8	VIRGINIA	26 ABERDEEN	WATER LEAK	COUPLING
	9	KITTY	31 JULIANA	WATER LEAK	GATE VALVE
	9	VIRGINIA	CORNER DEODAR AND VALLEY DRIVE SOUTH	BURST PIPE	SHORT COLLARS, PVC ADAPTORS, PIPE,
	8	SAAIPLAAS	70 MANGAAN	WATER LEAK	GLAND

4. CIVIL ENGINEERING: EAST UNIT

WATER LEAKAGE REPAIRS

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	8	HARMONY	26 RIVERSIDE	BURST PIPE	S/S CLAMP
	7	STILTE	2817 STILTE	BURST PIPE	SADDLES, PLASSON FITTINGS
	9	VIRGINIA	5 BEGONIA	BURST PIPE	VALVE REPAIR, PVC PIPE, 2 ADAPTORS,
	1	MMAMAHABANE	TRUCK STOP	WATER LEAK	
	1	MMAMAHABANE	1500 MMAMAHABANE	WATER LEAK	
	1	MMAMAHABANE	1587, 1570, 1785, 1579, 992, 851, 817, 814, 1559, 2450, 806, 1196 MMAMAHABANE	WATER LEAK	
	1	VENTERSBURG	14 VOORTREKKER	WATER LEAK	
	3	HENNENMAN	RAILWAY STATION	WATER LEAK	GATE VALVE
	2	PHOMOLONG	426, 714, 894, 652, PHOMOLONG	WATER LEAK	STRAIGHT JOINT
	3	HENNENMAN	44 KAREL KRAUSE	WATER LEAK	STRAIGHT JOINT, GATE VALVE
	3	HENNENMAN	54 KERK	WATER LEAK	MALE ADAPTORS, GALVANISED T

4. CIVIL ENGINEERING: EAST UNIT

WATER LEAKAGE REPAIRS

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
May 2018	9	VIRGINIA	VIRGINIA FRESH FOODS, GOVERNMENT STREET	WATER LEAK	GATE VALVE, NIPPLE, JOHNSON COUPLING
	9	VIRGINIA	CORNER DUKER AND GOVERNMENT	BURST PIPE	
	9	MERRIESPRUIT	CORNER CHERRY AND 7 FIR	BURST PIPE	CLAMP
	9	VIRGINIA	2A VALLEY DRIVE EAST	WATER LEAK	
	9	MERRIESPRUIT	7 ISABELLA	WATER LEAK	GATE VALVE, 200MM GALV PIPE, WASHER
	6	STILTE	4082 STILTE	BURST PIPE	PVC SADDLE
	9	MALODING	14673 ALBANY	BURST PIPE	PVC PIPE, PVC SADDLE
	9	KITTY	7 ISABELLA	WATER LEAK	MALE ADAPTORS AND WASHERS
	9	MERRIESPRUIT	112 APIESDOORN	WATER LEAK	GATE VALVE, 20MM GALV NIPPLE, 20MM COUPLING,
	9	MERRIESPRUIT	1 FERN	WATER LEAK	PVC PIPE
	8	HARMONY	32 HARMONY WAY	BURST PIPE	160MM CLAMP
	6	STILTE	4375, 3768 STILTE	BURST PIPE	SADDLES, CLAMP
	8	SAAIPLAAS	13 KOPER	BURST PIPE	6M PIPE
	9	MERRIESPRUIT	9 HOLLY	WATER LEAK	JOHNSON COUPLING,
	9	VIRGINIA	20 GOVERNMENT	WATER LEAK	MALE ADAPTOR
	9	VIRGINIA	AKKER AND AMANDEL	BURST PIPE	SADDLE

4. CIVIL ENGINEERING: EAST UNIT

WATER LEAKAGE REPAIRS

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
May 2018	9	VIRGINIA	AVALON AND AMANDEL	BURST PIPE	SADDLE
	1	MMAMAHABANE	2311, 1509, 1655, 942 MMAMAHABANE	WATER LEAK	
	1	MMAMAHABANE	1409, 1718, 1753, 1857, 2068, 1998, 2073 MMMAHABANE	WATER LEAK	GATE VALVE
	3	HENNEMAN	55 JOHN CALITZ	BURST PIPE	CLAMPS
	3	HENNEMAN	ELIZABETH STREET	BURST PIPE	CLAMPS
	3	HENNENMAN	SCHLEBUSCH STREET	BURST PIPE	CLAMPS
	3	HENNENMAN	VAN RIEBEECK STREET	BURST PIPE	CLAMPS
	3	HENNENMAN	FOURIE STREET	BURST PIPE	CLAMPS
	3	HENNENMAN	21 AMOR	WATER LEAK	PVC PIPE AND MALE ADAPTORS
June 2018	5	MELODING	838, 297 Meloding	WATER LEAK	PVC PIPE
	5	MELODING	MELODING STADIUM	BURST PIPE	S/S CLAMP
	6	STILTE	4082, 4375, 3768 STILTE	BURST PIPE	PVC SADDLE
	5	MELODING	12639 LERATONG	BURST PIPE	SADDLES
	5	MELODING	875 SLOJA	WATER LEAK	PLASSON FITTING
	7	STILTE	14833 ALBANY	BURST PIPE	SADDLE AND ELBOWS

4. CIVIL ENGINEERING: EAST UNIT

Repair and Installation of Meters

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	9	VIRGINIA	5 NIGELA	REPLACE METER	NEW METER
	9	KITTY	68 ERA	REPLACE METER	NEW METER
	9	VIRGINIA	INDUSTRIA ELECTRICAL DEPARTMENT	REPLACE MEER	NEW METER
	9	VIRGINIA	21 KAREE	REPLACE METER	NEW METER
	9	VIRGINIA	2 HAZEL	REPLACE METER	NEW METER
	8	SAAIPLAAS	9 MARULA	REPLACE METER	NEW METER
	1	MMAMAHABANE	2586 MMAMAHABANE	REPLACE METER	NEW METER
	3	HENNENMAN	6 PRESIDENT	REPLACE METER	NEW METER
May 2018	6	STILTE	2308, 2558 STILTE	METER FAULTY	NEW METER
	5	MELODING	875, 1687 MELODING	METER FAULTY	NEW METER
June 2018	9	MERRIESPRUIT	1 FERN	METER FAULTY	NEW METER
	8	SAAIPLAAS	72 COBALT	METER FAULTY	NEW METER
	9	VIRGINIA	20 ESHOWE	METER RECONNECTED	NEW METER

4. CIVIL ENGINEERING: EAST UNIT

Sewer Blockages

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	8	HARMONY	106, 80, 107 GAWIE THERON	SEWER BLOCKAGE	RODS
	9	2B VALLEY DRIVE NORTH	VIRGINIA	SEWER BLOCKAGE	RODS
	7	STILTE	2830, 1718, 1826 STILTE	SEWER BLOCKAGE	RODS
	9	19 SEDAR	MERRIESPRUIT	SEWER BLOCKAGE	RODS
	9	9 LAUREL	VIRGINIA	SEWER BLOCKAGE	RODS
	8	40 KOPER	SAAIPLAAS	SEWER BLOCKAGE	RODS
	8	18 UMDONI	HARMONY	SEWER BLOCKAGE	RODS
	8	28 BARIUM	SAAIPLAAS	SEWER BLOCKAGE	RODS
	8	QUEENSWAY, NAHOON, NOBEL	SAAIPLAAS	SEWER BLOCKAGE	RESCUE ROD AND RODS
	6	12938, 12909, 4821 STILTE	STILTE	SEWER BLOCKAGE	RODS
	5	NIGHT SOIL PLACE	MELODING	SEWER BLOCKAGE	RODS
	9	VIRGINIA	BEGONIA	SEWER BLOCKAGE	RESCUE ROD AND RODS
	8	SAAIPLAAS	12 MARULA	SEWER BLOCKAGE	RODS
	9	KITTY	8 ASH	SEWER BLOCKAGE	RODS

4. CIVIL ENGINEERING: EAST UNIT

Sewer Blockages

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	4	EUREKA	13702, 13711, 13718, 13724	SEWER BLOCKAGE	RODS
	8	SAAIPLAAS	MONIKANA	STREET CLEANING 103M	SPADES
	1	MMAMAHABANE	1270, 10466, 79, 1124, 2280, 358, 2290, 1507, 771	WATER LEAK	GATE VALVE
	1	PUMP STATION	MMAMAHABANE	SEWER BLOCKAGE	RODS
	1	MAINLINE NEXT TO CLINIC	MMAMAHABANE	SEWER BLOCKAGE	RODS
	3	HENNENMAN	VOORTREKKER STREET	SEWER BLOCKAGE	RODS
	3	HENNENMAN	SCHLEBUSCH STREET	SEWER BLOCKAGE	RODS
	3	HENNENMAN	TOTIUS STREET	SEWER BLOCKAGE	RODS
	2	PHOMOLONG	127, 10867, 12208, 10697, 10865, PHOMOLONG	SEWER BLOCKAGE	RODS
	1	MMAMAHABANE	78, 1123, 2329, 1040, 657, 773, 736	SEWER BLOCKAGE	RODS
	1	MMAMAHABANE	PUMP STATION	SEWER BLOCKAGE	RODS
	1	MMAMAHABANE	MAINLINE NEXT TO MMAMAHABANE CLINIC	SEWER BLOCKAGE	RODS
	2	PHOMOLONG	1115, 481, 3014, 2770, PHOMOLONG	SEWER BLOCKAGE	RODS

4. CIVIL ENGINEERING: EAST UNIT

Sewer Blockages

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	1	MMAMAHABANE	1051, 735, 2034, MMAMAHABANE	SEWER BLOCKAGE	RODS
	1	VENTERSBURG	BAYFORT STREET	SEWER BLOCKAGE	RODS
	1	VENTERSBRG	24 HARKER	SEWER BLOCKAGE	RODS
	1	MMAMAHABANE	2341 MMAMAHABANE	SEWER BLOCKAGE	RODS
	3	HENNENMAN	46 JOHAN CALITZ	SEWER BLOCKAGE	RODS
	3	HENNENMAN	22 DAGBREEK	SEWER BLOCKAGE	RODS
	2	PHOMOLONG	3350, 3691, 60 PHOMOLONG	SEWER BLOCKAGE	RODS
	3	HENNENMAN	5 MYNARDT VAN GRAAN	SEWER BLOCKAGE	RODS
	3	HENNENMAN	LUTHER CROWTHER	SEWER BLOCKAGE	RODS
	3	HENNENMAN	2 KOTIE THERON	SEWER BLOCKAGE	RODS
	3	HENNENMAN	36 SCHLEBUSCH	SEWER BLOCKAGE	RODS
	3	HENNENMAN	9 SHORT	SEWER BLOCKAGE	RODS
	3	HENNENMAN	46 WHITES STR	SEWER BLOCKAGE	RODS
	3	HENNENMAN	29 JOHN CALITZ	SEWER BLOCKAGE	RODS
	3	HENNENMAN	7 BURGHER	SEWER BLOCKAGE	RODS

4. CIVIL ENGINEERING: EAST UNIT

Sewer Blockages

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	9	VIRGINIA	68A STANDARD BANK	SEWER BLOCKAGE	RODS
	9	VIRGINIA	21 JUKSKEI	SEWER BLOCKAGE	RODS
	9	VIRGINIA	ANTOINETTE COURT	SEWER BLOCKAGE	RODS
	5	MELODING	2185, 672, 782, 661 MELODING	SEWER BLOCKAGE	RODS
	6	MELODING	OR TAMBO	SEWER BLOCKAGE	RODS
	7	STILTE	1585 STILTE	SEWER BLOCKAGE	RODS
	9	VIRGINIA	23 LUCERN	SEWER BLOCKAGE	RODS
	9	VIRGINIA	GOLD ACRE WEST	SEWER BLOCKAGE	RODS
	6	STILTE	4675 STILTE	SEWER BLOCKAGE	RODS
	5	MELODING	MELODING STADIUM	SEWER BLOCKAGE	RODS
	9	VIRGINIA	BANK LANE	SEWER BLOCKAGE	RODS
	5	MELODING	636 MELODING	SEWER BLOCKAGE	RODS
	8	HARMONY	19 VERONA	SEWER BLOCKAGE	RODS
	8	SAAIPLAAS	21 GOUD	SEWER BLOCKAGE	RODS
	9	MERRIESPRUIT	199 DANIE ERASMUS	SEWER BLOCKAGE	RODS
	9	VIRGINIA	52 VALLEY DRIVE SOUTH	SEWER BLOCKAGE	RODS

4. CIVIL ENGINEERING: EAST UNIT

Sewer Blockages

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
May 2018	9	VIRGINIA	13 LUCERN	SEWER BLOCKAGE	RODS
	4	EUREKA	5041, 512 EUREKA	SEWER BLOCKAGE	RODS
	8	SAAIPLAAS	39 BARIUM	SEWER BLOCKAGE	RODS
	6	STILTE	3831 STILTE	SEWER BLOCKAGE	RODS
	9	VIRGINIA	125 HIGHLANDS	SEWER BLOCKAGE	RODS
	5	MELODING	183, 894, 2161 MELODING	SEWER BLOCKAGE	RODS
	9	MERRIESPRUIT	66 BIRCH	SEWER BLOCKAGE	RODS
	9	VIRGINIA	HIGHLANDS COURT	SEWER BLOCKAGE	RODS
	9	VIRGINIA	24 VALLEY DRIVE NORTH	SEWER BLOCKAGE	RODS
	9	VIRGINIA	2 KOEDOE	SEWER BLOCKAGE	RODS
	6	STILTE	2549, 4668, 4508 STILTE	SEWER BLOCKAGE	RODS
	4	EUREKA	13830, 13341 CALABRIA	SEWER BLOCKAGE	RODS
	7	STILTE	1690, 1582, 5924, 6460, 1821, 2753, 2149, 12468	SEWER BLOCKAGE	RODS
	9	VIRGINIA	51 MARKET	SEWER BLOCKAGE	RODS
	9	MERRIESPRUIT	83 GEELHOUT	SEWER BLOCKAGE	RODS
	9	VIRGINIA	GRYSBOK PUMP /S	SEWER BLOCKAGE	RODS
	5	MELODING	1381, 573, 185, 181	SEWER BLOCKAGE	RODS
	4	EUREKA	1050 EUREKA	SEWER BLOCKAGE	RODS

4. CIVIL ENGINEERING: EAST UNIT

Sewer Blockages

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
May 2018	5	MELODING	744, 181, 226 MELODING	SEWER BLOCKAGE	RODS
	9	VIRGINIA	13 ABERDEEN	SEWER BLOCKAGE	RODS
	8	SAAIPLAAS	28 MIMOSA	SEWER BLOCKAGE	RODS
	9	VIRGINIA	81 SAND RIVIER	SEWER BLOCKAGE	RODS
	9	VIRGINIA	77 LARKSPUR	SEWER BLOCKAGE	RODS
	9	VIRGINIA	33 ANGORA	SEWER BLOCKAGE	RODS
	1	MMAMAHABANE	991, 1490, 1671, 1532, 2531, 691, 1152, 736, 113, 2340, MMAMAHABANE	SEWER BOLCKAGE	RODS
	1	MMAMAHABANE	MAINLINE NEXT TO CALTEX	SEWER BOLCKAGE	RODS
	3	HENNENMAN	FOURIE	SEWER BLOCKAGE	RODS
	2	PHOMOLONG	12259 PHOMOLONG	SEWER BLOCKAGE	RODS
	2	PHOMOLONG	2459, 10497, 11692, 11832, 12139, PHOMOLONG	SEWER BLOCKAGE	RODS
	3	HENNENMAN	25 PARK	SEWER BLOCKAGE	RODS
	3	HENNENMAN	53, 61 KERK	SEWER BLOCKAGE	RODS
	3	HENNENMAN	4 BESTUUR	SEWER BLOCKAGE	RODS
	3	HENNENMAN	21 BEYER	SEWER BLOCKAGE	RODS
	3	HENNENMAN	26 STEYN	SEWER BLOCKAGE	RODS

4. CIVIL ENGINEERING: EAST UNIT

Sewer Blockages

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
June 2018	7	STILTE	1585, 2708, 2740, 5821, 2740, 1732, 5821	SEWER BLOCKAGE	RODS
	6	STILTE	2549, 1382, 3831	SEWER BLOCKAGE	RESCUE RODS
	5	MELODING	883, 900, 898, 1019, 292	SEWER BLOCKAGE	RESCUE RODS
	7	STILTE	ALBANY PAVING ROAD	SEWER BLOCKAGE	RODS
	6	STILTE	438, 2549, 4668, 4508	SEWER BLOCKAGE	RODS
	7	STILTE	2122, 1648, 14828	SEWER BLOCKAGE	RODS
	5	MELODING	268, 1434, 183, 894, 2161,	SEWER BLOCKAGE	RODS
	5	MELODING	781, 195, 879, 670, 5920, 632, 275, 11929	SEWER BLOCKAGE	RODS
	6	STILTE	4135, 4534	SEWER BLOCKAGE	RODS
	7	STILTE	14711 ALBANY	SEWER BLOCKAGE	RODS
	5	MELODING	KHOTALANG CLINIC	SEWER BLOCKAGE	RODS

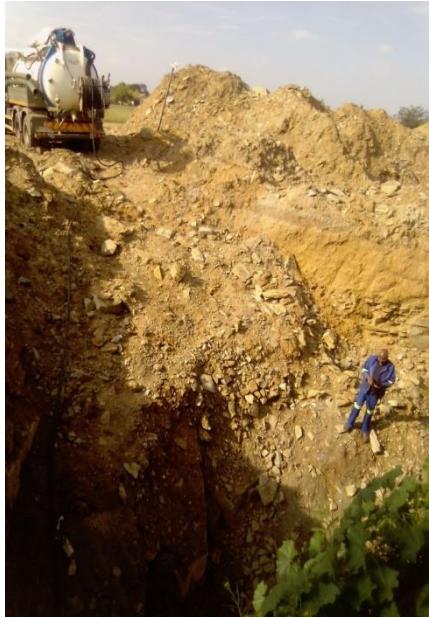
4. CIVIL ENGINEERING: EAST UNIT

Sewer Blockages- bags taken out of the Queensway line-
Rescue Rod still busy assisting us.



30 MARCH 2018 - FRIDAY

Truck was repaired and they worked the whole day on the Queensway line. The line is still not open completely and there were more plugs found.



31 MARCH 2018 - SATURDAY

Namaqua and Nobel line is running again but Queensway is still blocking at places.



01 APRIL 2018 – SUNDAY

Queensway line remains a challenge. Once it was running they went to open Valley Drive North and East. (picture below are of Valley Drive North and East)



4. CIVIL ENGINEERING: EAST UNIT

Sewer Blockages opened by Rescue Rod

02 APRIL 2018 - MONDAY

Queensway blocked again from the White Bridge up until the circle where Monikana and Queensway meet. From Monikana circle until Namaqua street were plenty of blockages which they attended to. Lines were open when the workers left there.

03 APRIL 2018 - TUESDAY

The workers will be cleaning the lines from the White bridge until Namaqua street.

04 APRIL 2018 - WEDNESDAY

Spent the whole day washing lines of Queensway.

05 APRIL 2018 - THURSDAY

Spent the whole day washing lines of Queensway.

06 APRIL 2018 - FRIDAY

Cleaning of lines in Market street, Grysrok street (Pump station) and Begonia.

(Rescue Rod will pack up at 3pm and be back on Monday morning)

09 APRIL 2018 - MONDAY

Cleaning of Queensway and Meloding Stadium.

10 APRIL 2018 - TUESDAY

Cleaning of lines in Queensway, Market Street and Meloding Stadium.

11 APRIL 2018 - WEDNESDAY

Cleaning of lines in Virginia Way, Bank street and Leratong Zone 13 in Meloding.

12 APRIL 2018 - THURSDAY

Cleaning of lines in Meloding Way

4. CIVIL ENGINEERING: EAST UNIT

Sewer Blockages opened by Rescue Rod

13 APRIL 2018 - FRIDAY

Cleaning of lines in Stilte - 4665 Stilte

16 APRIL 2018 - MONDAY

Cleaning of lines in Virginia Way by Meloding bridge

17 APRIL 2018 - TUESDAY

Cleaning of lines in Leratong Zone 13 in Meloding. Truck faulty, Rescue Rod worked until 11am. They then left the site.

4. CIVIL ENGINEERING: EAST UNIT

Grading/ Gravelling of Roads

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	1	Mmamahabane	1818 - 1833 - 1703 - 1109 - 1694 Mmamahabane	Grading of roads	Grader

4. CIVIL ENGINEERING: EAST UNIT

Grading/ Gravelling of Roads - In pictures (*Before, during and After*)



4. CIVIL ENGINEERING: EAST UNIT

Patching of Potholes

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	1	MMAMAHABANE	ROAD THAT LEADS TO MMAMAHABANE	PATCHING	COLD TAR
	3	HENNENMAN	VOORTREKKER STREET	PATCHED	34.62m ² TAR BAGS

4. CIVIL ENGINEERING: EAST UNIT

Patching of Potholes - In pictures (*Before, during and After*)



4. CIVIL ENGINEERING: EAST UNIT

Cleaning of Storwater drainage

Period	Ward No	Area/ Town	Address	Activity Completed	Resources Used
April 2018	1	MMAMAHABANE	CLINIC	CLEANING OF UNLINED CHANNEL	
June 2018	9	VIRGINIA	BIZANA	CLEANING CATCH PITS	

THANK YOU