# NATIONAL COUNCIL OF PROVINCES PROVINCIAL WEEK

11 - 15 September 2023

Theme: Building Viable Provincial and Municipal Infrastructure for Effective Delivery of Services to Communities



**Priority Infrastructure Projects in South Africa** 

# **Priority Infrastructure Projects in South Africa**

Water and sanitation		
Eastern Cape	<ul> <li>Mzimvubu Water Project</li> <li>Nooitgedacht water transfer treatment scheme in Nelson Mandela Bay</li> <li>Greater Mbizana Regional Bulk Water Scheme in the Alfred Nzo District Municipality</li> </ul>	
Free State	<ul> <li>Rustfontein Water Treatment Works</li> <li>Orange-Riet Canal Increase of Bulk Raw Water Supply</li> </ul>	
Gauteng	<ul> <li>Vaal River System including Phase 2 of the Lesotho Highlands Water Project</li> <li>Phase 2 of the Lesotho Highlands Water Project (LHWP 2) for Gauteng and surrounding areas</li> </ul>	
KwaZulu-Natal	uMkhomazi Water Project	
Limpopo	<ul> <li>Phase 2A of the Mokolo Crocodile River (West) Augmentation Project</li> <li>Olifants River Water Resource Development Project – Phase 2</li> <li>Groot Letaba River Water Development Project – Nwamitwa Dam</li> </ul>	
Mpumalanga	<ul> <li>Empuluzi / Methula water treatment works in Chief Albert Luthuli Local Municipality</li> <li>upgrading of the Masibekela water treatment works</li> <li>bulk pipeline to Ntunda / Skhwahlane in the Nkomazi Local Municipality</li> <li>completion of the bulk water infrastructure in Davel in Msukaligwa Local Municipality</li> </ul>	
Northern Cape	Vaal-Gamagara	
Northern Cape & North West	<ul> <li>Rehabilitation of the Vaalharts-Taung Irrigation Scheme</li> <li>Phase 2A of Mokolo Crocodile (West) Water Augmentation Project (MCWAP 2A) in the North West &amp; Limpopo</li> <li>Riverton Water Supply Scheme in Sol Plaatje Municipality in Kimberly, Northern Cape</li> <li>Clanwilliam Dam project</li> </ul>	
Western Cape	<ul> <li>Berg River Voëlvlei Augmentation Scheme</li> <li>Clanwilliam Dam in the Western Cape</li> </ul>	
Transport		
Eastern Cape	<ul> <li>Msikaba Bridge</li> <li>Mtentu Bridge</li> <li>N2 Wild Coast Highway</li> <li>Eastern Cape Transnet Initiatives</li> <li>Rehabilitation of Ingquza Hill Memorial roads</li> </ul>	

	<ul> <li>Upgrading of roads within Ntlavukazi Village, Lambasi, and R61 to Bambisani Hospital</li> <li>Road Construction Projects on the N2 from KwaBhaca to Ngcweleni River; R336 from Kirkwood to Addo (phase 1); N2 from Grahamstown to Fish River (phase 3); R390 from Cradock to Hofmeyer; N2 from Gamtoos River to Van Stadens River; N2 Ndabakazi Interchange; and R58 Cala to Ngcobo</li> </ul>
Free State	<ul> <li>N1 Windburg Interchange to Windburg Station</li> <li>Construction has already commenced on the R30 at Nyakallong</li> <li>Winburg – Marquard</li> <li>Bothaville – Viljoenskroon (Phase 3)</li> <li>Heilbron – Sasolburg (Phase 1)</li> <li>Ventersburg – Senekal</li> <li>Kroonstad – Viljoenskroon</li> <li>Villiers – Cornelia (Phase 2)</li> <li>Tweespruit Access Road</li> <li>Kroonstad – Steynsrus (Phase 3)</li> <li>Reitz – Tweeling (Phase 2)</li> <li>Tweeling – Frankfort (Phase 2)</li> <li>Riet River Bridge at Koffiefontein</li> <li>Bloemfontein – Dewetsdorp – Wepener</li> <li>Schonkenville – Koppies (Phase 2)</li> </ul>
Gauteng	<ul> <li>first phase of PWV15 from R21 to N12</li> <li>OR Tambo Airport expansion project coupled with the Tambo Springs Freight and Logistics Hub</li> <li>Upgrading of K101 Section 3 (P1-2) (R101) (old PTA/JHB road) between N1 Rooihuiskraal interchange and road D795 (R562)(Olifantsfontein rd.) Doubling of road (Developer Contribution)</li> <li>Construction of Road R82 between Road D1073 (Walkerville) and K164 (De Deur)between Werner street and Wellbach road towards Meyerton (D904)</li> <li>New road K73 between K71(P66-1)(Woodmead Drive) and K58 (D51) (Allandale Road): Doubling of Road: (Developer contribution)</li> <li>Heavy Rehabilitation of D483 (R515) from P6/1(R25) to D713(R513)(Cullinan)</li> <li>Upgrading K46 (P79-1)( R511) between PWV 5 (Erling road) and D795 /N14: Doubling of road. Developers Contribution</li> <li>Upgrading K31(D374) (M5) (Beyers Naude) between Peter Road and P158-2 (N14) Doubling of road. Developer Contribution (Greengate)</li> </ul>
KwaZulu-Natal	<ul> <li>N3 highway upgrade from Paradise Valley to Mariannhill Toll Plaza</li> <li>N2 highway upgrade from Edwin Swales to South of EB Cloete Interchange</li> <li>N3 highway upgrade from Mariannhill Toll Plaza to Key Ridge</li> <li>N2 development of EB Cloete Interchange</li> <li>N2 Mtunzini Toll Plaza to Empangeni T-Junction</li> <li>N3 Cato Ridge to Dardanelles</li> <li>N3 Dardenelles to Lynnfield Park</li> </ul>

### N3 Paradise Valley to Mariannhill Toll Plaza

- N2 Edwin Swales to South of EB Cloete Interchange
- N3 Ashburton Interchange to Murray Road
- N3 Mariannhill Toll Plaza to Key Ridge
- N2 EB Cloete Interchange

# Limpopo

- N1 Musina Ring Road
- N1 Polokwane Eastern Ring Rd Phase 2
- The rehabilitation of 11km on road D1589 from Ga-Kgobokanang to Ga-Makgato and De-Vrede in the Capricorn District
- The rehabilitation of 7.3km on road D2537 road in Penge in the Sekhukhune district;
- The rehabilitation of 5km on road D4150 in Praktiseer in the Sekhukhune district
- The rehabilitation of 9km on road D11 from Ga-Mamaila Kolobetona connecting the R81 in the Mopani District
- The rehabilitation of 27km on road D3840 from Giyani to Phalaborwa in the Mopani District
- The construction of a New Bridge on Road D2219 in Steelpoort which is in the preliminary design stage;
- The construction of bridge 6116 in Makuleke
- The rehabilitation of 5km on road D3200 Lebaka -Mohlabaneng
- The rehabilitation of 9km on road D11 Ga- Mamaila, Mopani
- The rehabilitation of 30km of road D4 Elim Malamulele
- The rehabilitation of flood damaged road D4240 Maseven in Sekhukhune
- The rehabilitation of 40km on road D1483 Musina to Pondrift in Vhembe
- The upgrading of 13km on road D2922, D2919 from Keerom to Tshikanosi
- The upgrading of 7.5Km D3727, D879, D1356 Mashamba to Tshitale to Morebeng
- The upgrading of 3km on road D3688 from khubvi to Tshidzivhe in Vhembe
- The upgrading of 5km on road D4253 in Ga-Masemola in Sekhukhune
- The upgrading of 3km on road D3187 and D3843 from Mageva to Makhuvha, Mopani district
- The upgrading of 3km on road D3200 from Mokwakwaila to Mawa, Mopani district
- The upgrading of 3km on road D3377 from Limburg to Matlala, Capricorn district
- The upgrading of 32km on roads D3232, D15 and D3150 from Morebeng to Sekgosese
- D4180 Atok Mine to Ga-Selepe to Modimolle in Sekhukhune
- D3278 Blouberg Hospital to Buffelshoek in Capricorn
- D3561 Segole 1 & Segole 2 (Masebe Nature Reserve to N11 Waterval) in Waterberg
- D4260 Malope to Phokwane in Sekhukhune
- D3669 Mavhunga access road in Vhembe
- D3734 Tshatshama road in Mopani
- D4090, D4093, D4094, D4096 Malimate Roads in Capricorn
- D4199 Apel to Ga-Nkoana to D4190 in Sekhukhune

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	<ul> <li>D3436, D3428, D5007 Ga-Ramoshwane, Ga-Rammetlwane, Ga-Ramotlwana in Capricorn</li> <li>D3248 Thapane access to Namitwa in Mopani</li> <li>D4283 Glencowie to Malaka in Sekhukhune</li> <li>D3671 Musekwa to Maranikwe in Vhembe.</li> </ul>
Mpumalanga	<ul> <li>Rehabilitation of the Coal Haulage Network around Gert Sibande and Nkangala District, which covers a total of 14% of the provincial roads that transport coal</li> <li>upgrading of the Moloto Road (R573)</li> <li>upgrading of the N2 between Ermelo in Mpumalanga and KwaZulu-Natal</li> <li>upgrading of the R40 between Hazyview and Bushbuckridge</li> <li>maintenance project along the N17 Section 5 from Chrissiesmeer to kilometre 85 within the Msukaligwa and Chief Albert Luthuli local municipalities</li> <li>upgrade project along the R573 Section 2 between Kwaggafontein and Vlaglaagte within the Thembisile Hani local municipality</li> </ul>
Northern Cape	<ul> <li>Improvement of the N14 section 2 between Alheit and Keimoes;</li> <li>Improvement of the N14 section 4 between Keimoes and Upington;</li> <li>Improvement of the N10 section 11 between Vaalkoppies and Upington;</li> <li>Special maintenance of the N10 section 11 between Uitkyk and Vaalkoppies;</li> <li>Special maintenance of the N14 section 5 between Upington and Adeisestad; and</li> <li>Upgrading the R380 section 2 between Santoy and McCarthy's rest BP from gravel to a surfaced road. This project will shortly go out on tender for design consultants.</li> <li>repairs to roads in the Joe Morolong, Ga-Segonyana, Kgatelopele, Dikgatlong, Sol Plaatje, Renosterberg, Umsobomvu, Tsantsabane, Thembelihle, Richtersveld and Emthanjeni Local Municipalities</li> </ul>
North West	<ul> <li>Upgrade of the Nelson Mandela Drive in Mahikeng</li> <li>upgrading the road between Haartebeesfontein and Ottosdal</li> <li>revamp the road from Phelindaba to Pecanwood</li> <li>Upgrade of the road that leads to Sun City and Pilanesberg National Park</li> <li>Projects to address the flood-damaged roads in the province</li> </ul>
Western Cape	<ul> <li>The George Integrated Public Transport Network (GIPTN)</li> <li>Aberdeen Road or the R61, linking the Western Cape and the Eastern Cape</li> <li>Haaskraal Road in the Cape Winelands</li> <li>Ashton Arch Bridge, an engineering first in South Africa</li> <li>Oosbosch Street in Paarl, in partnership with the Municipality</li> <li>C1011 – upgrade of MR281 – Rooihoogte and Draaiberg</li> <li>C1183 – periodic maintenance of TR33/5 – Klaarstroom to Beaufort West</li> <li>C964.02 – upgrade of TR33/1 – Louis Fourie Road, Mossel Bay</li> <li>C0749.02 – rehabilitation and periodic maintenance of MR191 – Paarl to Franschhoek</li> </ul>

	C1049.03 – upgrade and rehabilitation of DR01098 – Protea and Waarburgh road
	<ul> <li>C802.05 – improvement of MR533 – St Helena to Stompneusbaai</li> <li>Projects to improve the conditions for walking and cycling in the province</li> </ul>
Housing / Huma	n Settlements Projects
Eastern Cape	<ul><li>N2 Nodal Development</li><li>Zanemvula project</li></ul>
Free State	Vista Park II & III
Gauteng	<ul> <li>Germiston Ext 4 Social Housing Project</li> <li>Mooikloof Mega Residential City</li> <li>Green Creek</li> <li>Fochville Extension 11</li> <li>Lufhereng</li> <li>Malibongwe Ridge</li> <li>Joe's Place Social Housing</li> <li>Jeppestown Social Housing Project (Unity House)</li> <li>Phola Heights – Tembisa Social Housing Project</li> <li>Sondela Phase 2</li> <li>Lufhereng Social Housing Project in Soweto</li> </ul>
KwaZulu-Natal	<ul> <li>Greater Cornubia - Situated 7km from King Shaka International Airport, the Greater Cornubia project will include 58,000 houses, as well as industrial and commercial properties. The Cornubia development is a joint venture between the eThekwini Municipality and Tongaat Hulett, and covers 1,300 hectares.</li> <li>Newcastle Hospital Street Social Housing Project</li> <li>Hospital Street in Mujuba District Municipality</li> </ul>
Limpopo	<ul> <li>Rural Housing Units in Nkomo A village, Giyani</li> <li>Rolling out of Community Residential Units</li> <li>Bela Bela project</li> </ul>
Mpumalanga	<ul> <li>Kwandokuhle Social Housing Project in Gert Sibande District Municipality</li> <li>The Willow Creek Project is located in Ermelo, in the Msukaligwa Local Municipality in the Gert Sibande District Municipality</li> <li>Kwandokuhle Social Housing Project:</li> </ul>
Northern Cape	Hull Street Phase 1 in Francis Baard District Municipality
North West	<ul> <li>Matlosana N12 West</li> <li>Incomplete housing projects in Ventersdorp's Toevlugs, Bray and Tshing areas</li> </ul>
Western Cape	Delft housing project / Breaking New Ground (BNG) housing opportunities

# **National / Provincial & Municipal Network Schedule**

### **Department of Water and Sanitation Support to Municipality**

# **Eastern Cape**

### **Nelson Mandela Bay**

- NOOITGEDAGT COEGA LOW LEVEL SUPPLY SCHEME (NCLLS) phase three –
- Lower Sundays River GWS

### Mbizana

 GREATER MBIZANA REGIONAL BULK WATER SCHEME (GMRBWS) & Repair of Ludeke Dam

# **Mnquma Municipality**

NQAMAKHWE REGIONAL BULK WATER SCHEME

### **Ndlambe Local Municipality**

NDLAMBE BWS PROJECT PROGRESS

# **Makana Local Municipality**

- James Kleynhans WTW
- Howlsons Poort Dam
- Waainek WTW

### **Free State**

# Maluti-A-Phofung

- Sterkfontein Water Treatment Works (WTW) Maluti-A-Phofung
- Fika Patso Water Purification Plant
- Intabazwe Rising Main
- Tshiamo & Makgolokweng
- Drilling of boreholes in Intabazwe
- Wilge WWTW
- Tshiame WWTW
- Phuthaditjhaba WWTW
- Moeding WWTW
- Makwane WWTW
- Kestell WWTW
- Elands WWTW
- Upgrading of the supply to Phuthaditihaba & CBD area

### **Matjhabeng Local Municipality**

- Unblocking of Sewer Network in Welkom, Bronville, Virginia and Thabong, Odendaalsrus CBD, Kutlwanonong and Nyakallong, Thabong Wards 13;14;15;16;17;25;26;28 and 31, Welkom, Bronville, Virginia and Thabong
- Thabong WWTW Phase 1b
- Refurbishment of 6MI Kutlwanong
- WWTW & Sewer Network unblocking

- Refurbishment of Oderdaalsrus WWTW & Sewer Network unblocking
- Refurbishment of Henneman WWTW
- Refurbishment of Allanridge WWTW
- Refurbishment of Virginia WWTW
- Construction of Outfall Sewer Line from Theronia WWTW to Sand river
- Upgrading of Phomolong WWTW
- Upgrading Thabong WWTW
- Upgrading Ventersburg WWTW

# Gauteng

# **Emfuleni Local Municipality**

- Rietspruit WWTW Upgrade
- Sebokeng WWTW Upgrade
- Meyerton WWTW Upgrade
- Leeukuil WWTW Upgrade
- Mechanical services for the water & wastewater treatment plants and electrical services for 44 pump stations and mechanical services
- Refurbish Inlet Works at Rietspruit
- Refurbish Inlet Works at Leeuwkuil and Rising Main
- Personal Protective Equipment Unblocking of Boisolids

# **Mogale City Local Municipality**

 MOGALE CITY LM INTERVENTION (MCLMI)PROJECT (Aged pipeline replacement project Flip Human WWTW refurbishment Phase 1 Dr. Sefularo Housing Development Dr. Motlana Housing Development)

### KwaZulu-Natal

# **Zululand District Municipality and uMkhanyakude District Municipality**

- ACCELERATION OF MANDLAKAZI BULK WATER SCHEME to benefit communities under Zululand DM as well as uMkhanyakude DM (Jozini LM, Big 5 Hlabisa, uMhlabuyalingana and Mtubatuba LM). Pipeline includes abstraction of raw water from Jozini Dam, laying of 28km bulk line, pumpstation and upgrading of Mandlakazi WTW, Mkhuze WTW and others
- bulk-pipelines, upgrade of WTW, extending the services from RDP to yard connections for uMkhanyakude DM

# **Ugu District Municipality**

 Non-Revenue Reduction Programme, Refurbishment and Replacement of Infrastructure, Revenue Management Plan, Pipeline Replacement of Infrastructure. Emergency Borehole Programme, Refurbishment of Bulk Meters and chamber valves Across the district, Borehole Management System, Refurbishment of Mechanical & Electrical (Area South Central, South, North)

# uThukela District Municipality

 Driefontein Bulk Water Supply for development of infrastructure to ensure the provision of potable bulk water supply from the Observation Hill reservoir in Ladysmith to the Driefontein Complex, consisting of 5 MI reservoir at a strategic and etc.

# **Umgugundlovu and Msunduzi District Municipalities**

 Intervention to various projects including, Tayside WTW upgrade, Biggarsberg WTW Upgrade, Upgrade of the Wasbank Town Water and Sewer, Nquthu, Msinga and Mvoti LM's projects

# **Amajuba District Municipality**

 Ministerial intervention for various projects at ADM including Dannhauser, eMadlangeni LM - Replacement of raw water pipe Projects - Replacement of AC Pipes - Repairs & Refurbishment of Reservoir and WTP - Zaaihoek & Groenvlei Water & Sanitation Projects

### **New Castle Local Municipality**

Upgrading / Refurbishment Of Sewer System In Newcastle West

### Limpopo

### **Vhembe District Municipality & Mopani District Municipality**

 NANDONI TO NSAMI REGIONAL BULK WATER SCHEME: Provision of Raw water pipeline from Nandoni to Nsami WTW, Provision of Clean Water Pipeline, Giyani Water Services, Upgrading on Nandoni WTW from 60MI/day to 120MI/day

# **Mopani District Municipality**

- Giyani WTW Refurbishment (Phase 1) Giyani
- Reticulation of 24 Villages (Phase 1)

# **Polokwane City & Capricon**

 OLIFANTSPOORT /EBENEZER WATER SUPPLY SCHEME Ebenezer/Olifants Bulk Water Scheme

# **Masodi Local Municipality**

 MASODI WWTW - MLM IN PARTNERSHIP WITH IVANPLATS PROPRIETARY LIMITED MINE -Masodi WWTW

### **Polokwane Local Municipality**

Polokwane interventions

### **Vhembe District Municipality**

 MUSINA WATER SERVICES AUGMENTATION INTERVENTIONS: -Transfer of water from Zimbabwe (medium term) Beitbridge-Musina Integrated Water Supply Scheme (BMIWSS).

# **Sekhukhune District Municipality and Mogalakwena Local Municipality**

 DWS and Lebalelo Partnership Projects: The purpose of the Olifants River Water Resources Development Project Phase 2 (ORWRDP-2) is to develop the infrastructure required in the Middle Olifants River (in the areas of Sekhukhune and Mogalakwena Districts of Limpopo) to meet the water demands in the area. This Includes the building of 2 dams (De Hoop and Flag Bashilo dams), and the construction of bulk pipelines and pump stations as part of the conveyance system. - De Hoop Dam Scheme to Polokwane \_(Phase 1)\_38 - Flag Boshielo Phase 2 (96)

# **Sekhukhune District Municipality**

 Mouste East Water Scheme\_ A sub-scheme to receive water from Loskop Bulk water scheme\_ through construction of storage and pumpstation

### **Mpumalanga**

# **Chris Hani Local Municipality and Sekhukhune District Municipality**

 LOSKOP REGIONAL BULK WATER SUPPLY: Construction of Bulk water pipeline, reservoirs, pumpstations and secondary mains

# **Lekwa Local Municipality**

 LEKWA WATER AND SANITATION SERVICES INTERVENTION: -Standerton Extension 8 Internal Sewer Reticulation, Repairs / Refurbishment and Unblocking of Rooikoppen 1 and booster pump station3, Upgrading of Rooikoppen internal sewer reticulation Phase 1 & 4 sewer, Unblocking of Sewer Network in Sakhile Ext 6 & 7, Unblocking of Sewer Network in Sakhile Concur Drainage, Unblocking of Sewer Network Standerton CBD Drainage, Water Conservation & Demand Management in Rooikoppen,, Water Conservation & Demand Management in Concur, Water Conservation & Demand Management in Old Standerskop, Rectification of Standerton Ext 8 Water, Refurbishment of Standerton Abstraction, Refurbishment / Repairs of Standerton WTW's. Upgrading of Standerton Sewer Pump Stations (Vaal & Muller), Upgrading of Standerton Sewer Pump Stations (Johan & Steyn), Upgrading of Standerton Sewer Pump Stations (Taljaard), Upgrading of Pump Stations and Bulk Sewer for Morgenzon, Operation and Maintenance of sewer pump station in Standerton & Morgenzon

### **Northern Cape**

# Water and sanitation projects

 Ministerial Intervention was set-up by Minister and Premier of NW to intervene in all water and sanitation projects under the theme "Operation Bulela Metsi". The Work will be done across the 4 District Municipalities -Dr Kenneth Kaunda - Dr Segomotso Mompati - Bojanala District - Ngaka Modiri Molema

### **Accelerated Projects**

# **Madibeng Local Municipality**

 Brits Water Treatment Works - The upgrade is 94% complete for the overall civil works at the Water Treatment Works (WTW). The civil works portion of DWS-CU was planned to be completed by end of January 2023.

# **Moretele Local Municipality**

 Moretele South Bulk Water Supply Project - Construction of a new reservoir and 32Km pipeline in Moretele Far North, connected to the klipdrift WTW and pipeline. Contractor handed site in March 2023 .10% progress registered.

# **Ngaka Modiri Molema District Municipality**

# Setlagole Bulk Water Supply

- Construction of low voltage reticulation supply, installation and commissioning of transformers, generators, mcc, telemetry, building electrical & associated works, 85 % Physical progress
- Mafikeng South Bulk Water Supply: The Project involves upgrading of the Mmabatho Water Treatment Works 20Ml/d refurbished plant to 30 Ml/d by the construction of new additional flocculant mixing channels, settling tanks, dissolved air flotation tanks and rapid gravity sand filters 95% physical progress

# **JB Mark Local Municipality**

 Potchefstroom Bulk Water Supply: Construction of the new 25Ml reservoir in Ikageng, Progress on civil work is 20%

# **Dr Ruth District Municipality**

- Kagisano Molopo BWS Project Bona Bona Cluster 1:
- Tlapeng BWS Project Cluster 2

### **North West**

# **Kgatelopele Local Municipality**

- Phase1 Outfall Sewer Line (Rising main) Construction of Kuilsville , Danielskuil – and Tlhakalatlou rising mains. Construction of fencing of Danielskuil existing WWTW
- Phase 2 Upgrade of the Danielskuil WWTW Construction of anaerobic ponds, facultative and maturation ponds, dry beds, sewer pump stations, 250mmØ rising main and replacing existing rising mains.

### **Siyancuma Local Municipality**

• Bucket Eradication Programme Construction of 596 pour flush toilets

# **Sol Plaatje Local Municipality**

Kimberley bulk water supply Phase 1 - Emergency Interventions Phase 2

 Emergency Intervention Medium term interventions Scope entails:
 WCDM, installation of zonal bulk meters, replacement of old AC pipelines, upgrading of WTW's, upgrading of pumpstations, construction of additional storage

### **Western Cape**

### **Breede Valley Local Municipality**

 Increase of the Brandvlei Dam Canal Ministerial intervention took place during his visit in November 2022. The project was fast tracked and was been completed. Minster launched the Project on 10 February 2023

### **Drakenstein Local Municipality**

Sewer Spillages Ministerial intervention on sewer spillages in the
Drakenstein Municipality to resolved the sewer spillages and the
municipality in the area of Mbekweni and other surrounded towns. This
project will unlock the low cost housing that has been awaiting for some
years and it will improve the blue and green drop status within the entire
municipality.

# **George Local Municipality**

 Water security to unblock low cost housing, improve water quality thereof though the upgrades of pumpstations, upgrades of WTW

# **City of Cape Town Metropolitan Municipality**

 sewer spillages in cape town areas: accelerated plan to refurbish, clear blockages and replace some of the damaged water and sanitation infrastructure