



FRANCES BAARD
District municipality / Distriksmunisipaliteit
Masepala Wa Sedika / U Masepala We Sithili

Projects implemented in the 2015 / 2016 financial year

Overview of anchor projects





Our Vision

Our vision is for the Frances Baard District Municipality to be a municipality with a clear developmental focus, providing quality services to all its people.

Our Mission

Our mission is for the Frances Baard District Municipality to be committed to provide and improve the quality of services and therefore improve the lives of all its communities by:

- Promoting social and economic development
- Providing and maintaining affordable and optimal quality services
- The economic, efficient and effective utilisation of all its available resources, and;
- Effective stakeholders and democratic community participation

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List of abbreviations

BBBEE	-	Broad Based Black Economic Empowerment
COGHSTA	-	Department of Cooperative Governance, Human Settlement and Traditional Affairs
DENC	-	Department of Environment and Nature Conservation
DDMAF	-	District Disaster Management Advisory Forum
DDMC	-	District Disaster Management Centre
EIA	-	Environmental Impact Assessment
FBDM	-	Frances Baard District Municipality
IDP	-	Integrated Development Plan
LED	-	Local Economic Development
MSIG	-	Municipal Systems Improvement Grant
NCTA	-	Northern Cape Tourism Authority
O&M	-	Operation and Maintenance
PPE	-	Personal Protective Equipment
SDF	-	Spatial Development Framework
SMME	-	Small, Medium and Micro Enterprises
TLB	-	Tractor-Loader-Backhoe
WTW	-	Waste Treatment Works
WWTW	-	Waste Water Treatment Works

This document represents some of the work the Frances Baard District Municipality has been involved in for the 2015/2016 financial year.

It outlines the key projects for the district municipality, with specific emphasis on infrastructure, disaster management and firefighting, housing, local economic development, tourism, spatial planning and geographic information system (GIS).

Infrastructure Services

An allocation of R30,000,000 was made to category B municipalities for capital projects in the current financial year. Twelve (12) projects in the local municipalities are funded through this allocation. Three projects to the amount of R1,320,000 were rolled over from the previous financial year. During the budget adjustment process the allocation was amended to R29,994,400. The following is a summary on the progress of these projects.

Dikgatlong Municipality

Project description	Budget (R)	Actual expenditure (R)	Project status
Procurement of refuse truck	2,200,000	2,000,636	Project completed. Truck was delivered on 22 March 2016.
Water reticulation in town - replacement of steel/asbestos pipes	2,800,000	256,293	Service provider submitted preliminary design on 18 March 2016. Construction tender was advertised. Construction will start in new financial year. A roll over of R2,6 million was approved.
Electricity master plan (roll over)	320,000	200,641	Project completed on 18 December 2015.

Magareng Municipality

Project description	Budget (R)	Actual expenditure (R)	Project status
Warrenvale : Provision of sewer reticulation network for 558 sites	8,100,000	7,772,751	Project completed on 13 June 2016 and currently in defects liability period.
Procurement of TLB	854,400	854,400	Project completed. Delivered on 04 December 2015.
Procurement of sanitation truck	1,040,000	1,019,500	Project completed. Delivered on 20 June 2016.

Phokwane Municipality

Project description	Budget (R)	Actual expenditure (R)	Project status
Refurbishment of old system in Jan Kempdorp WWTW	1,100,000	1,100,000	Phase 1 of the project implemented and completed.
Upgrading of Jan Kempdorp WWTW outflow line	1,300,000	1,200,320	Project completed.
Fencing of Hartswater WTW	1,500,000	1,298,824	Project completed.
Water conservation and demand management strategy	1,000,000	873,576	Project completed.
Guldenskat - Water and sanitation for 608 stands	4,000,000	2,834,128	Designs and tender document completed. Municipality to prepare business plan to solicit funding from other sources. A roll over of R1,2 million was approved.
Master plan: bulk water and sanitation infrastructure and maintenance plan (phase 2)	1,100,000	974,445	Draft report completed, final report to be tabled to new Council.
Resealing of raw water storage dam (roll over)	200,000	125,459	Project completed.
Master plan: roads infrastructure and maintenance plan (roll over)	800,000	678,625	Project completed.

Sol Plaatje Municipality

Project description	Budget (R)	Actual expenditure (R)	Project status
Bulk water supply - Ritchie/Modderrivier bulk water upgrades	5,000,000	5,000,000	Sol Plaatje only appointed a service provider in February 2016. Some minor pipework has been done and construction tenders went out in March 2016.

Operation and Maintenance

A total of R10,000,000 was allocated to category B municipalities for 2015/16 financial year. The following is a summary on the expenditure of the operation and maintenance projects and activities:

Project description	Budget (R)	Actual expenditure (R)	Project status
Dikgatlong Municipality			
Maintenance of electrical infrastructure	2,500,000	365,721	<ul style="list-style-type: none"> • Repairs to overhead electrical lines in Barkly West. • Procurement of electrical equipment. • EPWP Workers' Salaries. • Procurement of transformer at Barkly West Reservoir
Maintenance of streets & stormwater		1,203,724	<ul style="list-style-type: none"> • Blading of streets. • Procurement of protective clothing. • Procurement of maintenance materials. • Servicing of pedestrian roller. • EPWP Workers' Salaries. • Fencing of De Beershoogte quarry.
Maintenance of water & waste water infrastructure		929,307	<ul style="list-style-type: none"> • Repairs to vacuum pumps of sanitation trucks. • EPWP Workers' Salaries. • Procurement of maintenance materials. • Procurement of water pump De Beershoogte reservoir. • Procurement of vacuum pumps. • Repairs to soft starters at Barkly West Water Treatment Works. • Repairs to electrical motors on water pumps at Barkly West Reservoir. • Procure maintenance material for repairs to water network in Barkly West. • Repairs at sewer pump station Longlands. • Procurement of submersible pump for backwash dams Barkly West Water Treatment Works. • Procurement of protective clothing for EPWP workers. • Procurement of water meters. • Procurement of diesel engines for emergency water pumps

Project description	Budget (R)	Actual expenditure (R)	Project status
Magareng Municipality			
Maintenance of electrical infrastructure	2,500,000	252,328	Material and tools procured.
Maintenance of streets & stormwater		1,411,695	<ul style="list-style-type: none"> • Material and tools procured. • Wages workers on the roads and storm water maintenance project.
Maintenance of water & waste water infrastructure		835,977	<ul style="list-style-type: none"> • Settling tank cleaned. • Sludge dam cleaned and sewer lines flushed. • Emergency repair of sludge pump. • Emergency repair of by-pass line at the water treatment plant.
Phokwane Municipality			
Maintenance of electrical infrastructure	2,500,000	40,293	Tools and material purchased.
Maintenance of streets & stormwater		134,226	Blading of streets in Phokwane.
Maintenance of water & waste water infrastructure		2,324,513	<ul style="list-style-type: none"> • Pump repairs. • Filter media replaced at Hartswater WTW. • Tools and equipment purchased.
Sol Plaatje Municipality			
Maintenance of Platfontein Sewer System	2,500,000	1,000,000	Completed
Maintenance of gravel roads		1,500,000	Completed

Vacuum Sewer reticulation for 558 sites in Warrenvale

The project was initiated in 2013/14 as a multi-year project that would be implemented in three consecutive financial years/phases. The aim of this project was to provide basic sanitation services for the community of Warrenvale in the Magareng local municipal area. The initial plan was to provide the conventional waterborne sewer reticulation system. However, because of the water shortage crisis within the municipality the services



Pumps in vacuum station

consultant advised the municipality about a fairly new system called the “vacuum sewer” system. This system uses air to convey the sewerage instead of water and is normally used in airplanes. It is cost effective because smaller diameter pipes can be used and pipeline trenches are not deep or at a slope. This saves on material, earthworks and equipment costs. Magareng is the first municipality in the Northern Cape Province to utilize this type of technology.

Phase 1 of the project started in 2013/14 and was funded by FBDM for R1.2m. This funding was used to pay for the professional fees and some of the imported specialist equipment. No physical construction took place. Phase 2 was initiated in 2014/15 and R5m was funded by FBDM. The funds were used to pay for professional fees, specialist equipment and site establishment for the contractor. The contractor started with the construction in May 2015. Phase 3 of the project took place in 2015/16 and it saw the continuation of the construction of the entire network. The initial cost was estimated at R5m but because the main vacuum sewer line passed through the station area dwellings it was decided that the houses close to the main line should also be equipped with the vacuum sewer. The total budget approved by Council was R8.1M for the 2015/16 financial year to accommodate these additional houses.

The project had its fair share of challenges such as:

- Property owners’ resistance to the new system;
- Material delivery delays;
- Labour unrests;
- Inclement weather conditions; and
- Slow progress from the contractor.

The project was completed in June 2016. All beneficiaries in the Warrenvale area were connected to the system, except unoccupied houses and stands, which were equipped with connection points for future occupancy. 35 local community members were employed during the project. Unaccredited training was also provided on the installation and maintenance of the system.

Refurbishment of Jan Kempdorp Waste Water Treatment Works (WWTW)

The objectives of the project were to refurbish the existing waste water treatment plant works to ensure that the three different modules (oxidation pond system, bio-filter module and activated sludge module) operate at their maximum design capacities. The project has created 35 work opportunities for local people. The refurbishment of the plant was commissioned because of the following reasons:

- Vandalism of equipment;
- Insufficient maintenance;
- Insufficient numbers of trained staff according to DWS regulations;
- Abattoir effluent not complying with set standards; and
- The final effluent that does not meet the general limits criteria, as regulated by the Department of Water and Sanitation (DWS).

A service provider was appointed in November 2015 to do a detailed assessment of the refurbishment requirements. The service provider made recommendations on the priority works to be done in three phases.

During the 2015/16 financial the following work was completed as part of phase 1:

- Cleaning of the inlet works;
- Cleaning of two oxidation ponds;
- Some refurbishments on the mechanical and electrical work;
- Replacement and repairs of some pipework; and
- Repairs to some of the buildings.

Phase 2 will start in the 2016/17 financial year and will include the following:

- Refurbishment of inlet works;
- More refurbishment and replacement of mechanical and electrical work;
- Cleaning of pipes;
- Repair/reinstatement of fencing; and
- More repairs to all the buildings.

It is foreseen that the final effluent quality will meet the general limits as per DWS's regulations after phase 2 of the project. The total costs for phases 1 and 2 is R1.1M and R4.5M respectively. The completion of phase 3 will ensure that the project objectives will be achieved and include the following activities:

- Construction of automated screening and de-gritting facility;
- Construction of a new biological nutrient removal facility;
- Construction of a new secondary sedimentation tank ;
- Clear vegetation from the ponds surface; and
- Ripple protection and landscaping.



Cleaning of inlet works at the WWTW

Disaster management and firefighting

Contingency fund

An amount of R 846,1234 was spent to assist destitute families within the Phokwane, Magareng and Dikgatlong local municipalities for the financial year 2015/16. The expenditure incurred per local municipality is as follows:

- Phokwane R98,314 (10 indigent households were assisted);
- Dikgatlong R702,199 (55 indigent households were assisted); and
- Magareng R45,610 (5 indigent households were assisted).

There has been an increase in climate related incidents such as gale-force winds and thunder storms in the Dikgatlong municipal area which explains the high expenditure in this area.

Volunteer workshop and training

Volunteers were provided with further training on basic firefighting and techniques on how to extinguish veldfires. The training was presented to volunteers in Dikgatlong (Koopmansfontein), Magareng (Warrenton) and Phokwane (Jan Kempdorp). The focus areas was on structural and veld fires. Training took place on 18 - 25 May 2016 in Magareng and Koopmansfontein respectively and 58 volunteers were trained. The trainees were divided equally among male and female i.e. 29 males and 29 females.

Community awareness programme

After the successful completion of the volunteer workshop in Gong-Gong and Majeng a community awareness programme was held in the same areas. The focus of the programme was to empower communities with information on fire safety. The following areas were targeted:

- Gong-Gong (Dikgatlong) - 22 July 2015
- Longlands (Dikgatlong) - 23 July 2015
- Blikkiesdorp (Dikgatlong) – 24 July 2015
- Majeng (Magareng) – 12 August 2015

Awareness programmes in informal settlements

Six awareness campaigns were conducted in Dikgatlong, Phokwane and Magareng local municipalities. Awareness programmes focused on:

- Fire safety in and around the house;
- Electrical safety; and
- Gas safety

Housing

Stillwater 150 (Dikgatlong municipality)

Through the project subsidised housing was provided to people who occupied informal settlements in this area. The need for housing in this area was prioritised in the IDP of the Dikgatlong municipality. The local municipality applied for funding from COGHSTA for the construction of 150 houses. However, only 137 sites were registered for residential use, the remainder was earmarked for other land uses. Due to growth within the community an additional 10 erven were added to the 137 residential erven, increasing the number to 147. The primary objective of this development was to address the huge housing backlog in Stillwater and to eradicate the number of shacks in this township. All 147 houses were completed successfully, with each house having a septic tank as the area has no internal reticulation and bulk sewer facilities. The project created 206 job opportunities and 70 people were given on the job training in areas such as steel bending (fixing), plastering, painting and plumbing.

Individual housing project

The aim of the project was to provide housing to 9 individual beneficiaries occupying infill sites in the Rooirand area and 9 individual beneficiaries whose houses were outstanding from the old De Beershoogte 552 project. The Dikgatlong Municipality working with the Frances Baard District Municipality, embarked on a process to identify and define beneficiaries that were in need of urgent assistance in Barkly West. These beneficiaries were continuously not catered for and had not benefitted from the housing programme as they were scattered throughout the town on infill sites. The intention was to assist these beneficiaries as they could not be assisted on a project due to the dispersed nature of their erven. These beneficiaries are now listed on the HSS and are yet to benefit from the programme. Local people were employed as labourers and sub-contractors.

Municipality	Project Name	Status quo	Budget (R)
Dikgatlong	Buffer Zone 220	Phase 1 completed. Phase 2 of 160 houses under construction.	18,018,448
	Stillwater 147	Project complete but some houses cracked. NHBRC conducted an assessment to determine the root causes.	13,024,987
Phokwane	Dikgatlong 18 individuals	Project completed.	2,236,000
	Kingston 685	Phase 1 - 3 completed. Construction of Phase 4 has commenced.	4,800,000 (Phase 3)

Local Economic Development

Direct support to SMMEs

The objective of the project was to support sustainable SMME development in the district through an integrated system of business support facilities. This includes encouraging economic and employment growth and development through improving the efficiency and productivity of SMMEs. Local municipalities submitted profiles of SMMEs that could benefit from this project. Eighteen (18) SMMEs were nominated but only seven met the minimum requirements as set out in the SMME Development and Support Policy. The policy requires that a business:

- Must have a business plan to support the viability of the business;
- Must be located within the FBDM area;
- Must contribute to job creation within the district and poverty alleviation.

Only four of the seven shortlisted SMME's were selected to receive direct support. The support provided was in the form of machinery and equipment to strengthen their business ventures.

Project	Details	Status quo
YEDP	Leadership and workplace environment induction	Training completed
	Entrepreneurship training	16 YEDP graduates trained on entrepreneurship (NQF level 5).
SMME Development	Business management, health and safety and project management training for SMMEs	12 SMMEs trained
Trade and Investment Promotion	Macufe	SMMEs were given the opportunity to promote their products. The district municipality marketed trade and investment opportunities.
	SAITEX	
	NOCCI Expo	
	Global Entrepreneur Week	Successfully hosted in November 2015
Business Support Centre	Development of feasibility and business plan for a business support centre to service Phokwane and Magareng	Feasibility study and business plan completed. Renovation of building in process.
Richie Incubation Centre	Appointment of a business support officer and non-financial support of SMMEs	MOU signed with Sol Plaatje and funds transferred. Sol Plaatje appointed business support officer
Support of small scale miners	Study undertaken to unpack the types of small scale mining happening in the district and to analyse the support requirements of the miners.	Strategy completed
EPWP	Benchmark visits to other municipalities	The visits to Mangaung Metropolitan and Amathole District Municipality took place.
	District EPWP enterprise development framework	Completed
Incentive Policies	Development of incentive policies for Sol Plaatje and Dikgatlong	Completed
LED strategies for LMs	Development of LED strategies for Dikgatlong, Phokwane and Magareng.	LED strategies developed

Tourism

Tourguide business establishment

This programme focused on trained and registered tour guides who have successfully completed the tour guide training during the 2014/15 financial year and have shown potential in establishing their own businesses.

Achievements

- Eight (8) candidates have been registered as provincial tour-guides;
- Four (4) tourguides' businesses have been registered; and
- Assistance was given to six (6) tourguide businesses with the printing of business cards and pamphlets.

Tourism school business plan competition

The aim of this annual project is to capacitate school learners in the tourism field by staging a competition to afford learners the opportunity to compile business plans on various tourism sectors. The target group is Grade 10-12 learners in schools offering tourism as a subject. Eighteen (18) schools successfully participated in the 2015/16 competition.



Overall winner for 2015/16:
Elizabeth Conradie School

Project Name	Status Quo
Support Grants:	
NCTA annual contribution	All the support grants have been transferred to the respective beneficiaries. FBDM is currently awaiting audited close-out reports
N12 Promotion	
Diamonds & Dorings	
Gariiep Arts Festival	
Other projects	
Indaba Trade Expo	FBDM attended the Indaba from 7-9 May 2016 in Durban. All four local municipalities formed part of the district stand.
Gong-gong feasibility study and business plan	The feasibility study and business plan have been concluded. The EIA is currently underway.
N18 Tourism Route Implementation	The Anglo-Boer War Blockhouse in Warrenton will be restored. Phase 1 will focus on the upgrading of tourist attractions and heritage sites located along the N18. A heritage specialist was appointed to monitor the restoration process.
Exhibitions:	
NCTA Expo	The district municipality exhibited under the umbrella of NCTA.
Kimberley Diamond Cup	FBDM attended from 07 – 10 October 2015 at the Kumba Skateboard Plaza in Kimberley.
Community awareness campaign	FBDM conducted the annual campaign in all four local municipalities from 05 September – 23 October 2015.
Development of arts & craft centre	An EIA was not required for the proposed development. Rezoning of the identified site will be conducted by FBDM.

Spatial Planning

Surveying of erven in Barkly West

Frances Baard District Municipality and Dikgatlong Municipality planned the new residential development of 1000 erven in Barkly West erf 687. The Department of Environment and Nature Conservation (DENC) has issued the environmental authorisation. The surveying of the erven, which include pegging of erven and registration with Surveyor General for the issuing of the general plan, was completed. The municipality is awaiting the approval of the general plan by the Surveyor-General.



Pegging of stands

Review of Sol Plaatje Municipality Spatial Development Framework (SDF)

Frances Baard District Municipality provided part of the required funds for the review of 2008 Sol Plaatje Spatial Development Framework. The review process is being managed by Sol Plaatje Municipality. The spatial development framework is a policy framework that guides the desired spatial form, spatial direction for the development and land use management within the district area of jurisdiction. The SDF is a core component of a municipality's economic, spatial, social, institutional and environmental vision of the district municipality. Three phases have been completed and the SDF document is currently in draft.

Township establishments

The district municipality assisted the Phokwane and Dikgatlong municipalities to identify township establishment projects through their spatial development frameworks. To date the contour survey report, EIA, geo-technical investigation, bulk services report and the layout plan has been completed. FBDM has allocated funds and is facilitating the township establishment processes at:

- **Erf 775 Vaalharts, Ganspan**

The extension is located on a portion of erf 775 Vaalharts, Settlement B, Ganspan. A total number of 150 erven is planned on the proposed site which is approximately 35 hectares.

- **Erf 258 Nkandla, Hartswater**

The extension is located on a portion of erf 258, Hartswater. A total number of 300 erven is planned on the proposed site which is approximately 52 hectares.

- **Erf 696 Tidimalo, Delportshoop**

The extension is located on a portion of erf 696, Tidimalo, Delportshoop. A total number of 200 erven is planned on the proposed site which is approximately 23 hectares.

Geographic Information System (GIS)

Desktop capture of water, sewer, storm water and electricity infrastructure into GIS

The district municipality assisted Sol Plaatje local municipality to capture and convert relevant water and electricity infrastructure as-built drawings into digital format. Printed maps can be easily damaged or misplaced so having the maps in a digital format, stored in a centralised location is proven to be the best option. That way the infrastructure department could access these maps at any time for field operations to view the location of assets.

The various drawing attributes was captured in a database with a spatially enabled electronic drawing office library. Through this project the municipality was able to accurately locate water, sewer, storm water and electricity infrastructure. The verification of all information will be conducted in the 2016/17 financial year.

Through this project municipal assets that were not accounted for during the external audit process were captured and stored into a GIS database. Items on the asset register of the local municipality was assigned with GIS coordinates for easy location. Internal auditors will now be able to easily quantify the assets using the GIS system. Service delivery turnaround times will improve drastically as assets, such as a burst pipe, can be easily located through its coordinates and then assessed and repaired.



The maps above and right indicate the capturing of water and electricity nodes into GIS in the Sol Plaatje municipal area.





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