

DEPARTMENT:
Co-operative Governance, Human Settlements and Traditional Affairs

COGHSTA



NCOP WEEK

THEME: Assessing State Capacity to Respond to the Needs of Communities

28 MARCH - 01 APRIL 2022

Adv. M. Manyeneng
CD: CG

B·B
BACK TO BASICS
SERVING OUR COMMUNITIES BETTER

Putting People
First and
Engaging with
Communities

Delivering
Basic Services

Good
Governance

Sound
Financial
Management

Building
Capable
Institutions



CONTENTS

- ✘ Status of MIG
- ✘ Water and Sanitation
- ✘ Commission on Khoi San
- ✘ Drought intervention status
- ✘ Drought intervention measures
- ✘ Funding allocation for drought relief

NAMAKWA- MIG EXPENDITURE

MIG 2021-22: Reported expenditure as at end February 2022

Municipality	MIG Allocation 2021/22	Amount transferred	Actual expenditure approved on MIG-MIS	% of transferred spent	% of alloc spent	Balance of allocation
Richtersveld	R 14 480 000,00	R6 161 000,00	R234 878.3	0%	0,01%	R 14 245 121,77
Nama Khoi	R 15 182 000,00	R 7 017 000,00	R3 069 271.16	44%	20,22%	R 12 112 728,24
Kamiesberg	R 7 708 000,00	R 7 708 000,00	R4 647 310.00	60%	60,29%	R 3 060 689,79
Hantam	R 10 051 000,00	R 7 731 000,00	R5 810 288.34	75%	57,81%	R 4 240 711,66
Karoo Hoogland	R 8 276 000,00	R8 276 000,00	R8 276 000,00	100%	100%	R0,00
Khai-Ma	R 7 942 000,00	R 5 700 000,00	R7 942 000,00	140%	100%	R0,00
Total:	R 63 639 000,00	R 42 593 000,00	R 25 579 983,59	60%	40%	R23 659 251,50



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WATER & SANITATION PROJECTS NAMAKWA DM

Municipality	Project Description	Project Cost	Status	Comments
Richtersveld	Port Nolloth Oxidation Pond	R19 000 000,00	Construction	Phase 1 is completed. Delays with the appointment of contractor, therefore affecting performance
Nama Khoi	Komaggas Upgrading of Bulk Water Supply	R24 785 205.74	Construction	The project is at 50% progress in implementation. 5 Boreholes were drilled and equipped, however one was hit by lightning and the municipality is currently busy fixing. The reservoir is currently in progress at 50% construction, was delayed with EIA
	Okiep: Extension of Sewer Networks	R44 118 165.00	Construction	Project closed to be "unbundled. The project was register for different areas of the municipality. However, LM was poorly managing the project and the first phase therefore the project was closed after completion of the phase and then LM was advised to re-submit the remaining scope for the remaining two settlements as separate projects which will be monitored effectively. Application for Okiep/Rocky Ridge Sewer submitted - Budget R15,6mil.



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WATER & SANITATION PROJECTS NAMAKWA DM

Municipality	Project Description	Project Cost	Status	Comments
Richtersveld	Port Nolloth Oxidation Pond	R19 000 000,00	Construction	Phase 1 is completed. Delays with the appointment of contractor, therefore affecting performance
Kamiesberg	Kamieskroon Ground water desalination, bulk water, borehole development & reservoir	R9 815 075.00	Completed	Phase 1
	Kamiesberg: Kamieskroon:Upgrading of oxidation ponds.	R8 040 448.51	Tender/design	
	Kamiesberg: Kamieskroon: Ground water desalination, bulk water, borehole development and reservoir (Phase 2)	R21 625 622.97	Construction	Reservoir completed, four boreholes operational. Water quality meet the standard. Busy fixing the borehole struck by lightening.



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WATER & SANITATION PROJECTS NAMAKWA DM

Municipality	Project Description	Project Cost	Status	Comments
Kamiesberg	Rooifontein Ground water desalination, bulk water and borehole development	R12 412 465.69	Tender/design	The remaining two boreholes is (300kl/d). LM busy with proposed designs for water treatment plant, which will be completed end May to be advertised for next financial year. Evaporation ponds will be constructed thereafter treatment plant.
Karoo Hoogland	Williston Upgrading Internal Water	R23 965 494.00	Construction	On schedule and the first phase which commenced in 2021 was completed in February 2022. LM exhausted their MIG allocation for the current year therefore will commence with Phase 2 in the new financial year.



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WATER & SANITATION PROJECTS NAMAKWA DM

MUNICIPALITY	PROJECT DESCRIPTION	BUDGET	STATUS	Comments
Khai Ma	Pofadder Bulk Water Supply Augmentation	R32 475 112.10	Construction	No status report submitted
	Khai-Ma: Pella Bulk Water Infrastructure Reticulation Network	R19 098 337.5	Construction	No status report submitted
	Khai Ma Onseepkans - Pump Station (Civil, Mechanical, and Electrical)	R3 907 797.06	Construction	LM to confirm completion
	Khai Ma Witbank - River Inlet Works With Solar Pumps	R1 788 348.38	Construction	LM to confirm completion
	Khai Ma Witbank & Onseepkans - Upgrading of WTW	3 689 371.11	Construction	LM to confirm completion



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NAMAKWA LMS AFFECTED BY STOPPING IN 2020/21

MIG: Reported expenditure as at end June 2021

Municipality	MIG Allocation 2020/2021	Stopping / Re-allocation March 2021	Amount transferred	Actual expenditure approved on MIG-MIS	% of transferred spent	% of allocation spent	Balance of allocation
Richtersveld	R 5 531 000,00	-R 1 700 000,00	R 5 531 000,00	R 0,00	0%	0%	R 5 531 000,00
Nama Khoi	R 15 524 000,00	-R 6 230 000,00	R 15 524 000,00	R 12 887 437,98	83%	83%	R 2 636 562,02
Khai-Ma	R 5 658 000,00	-R 2 000 000,00	R 5 658 000,00	R 2 505 613,05	44%	44%	R 3 152 386,95



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NAMAKWA LMS AFFECTED BY STOPPING IN 2020/21

MIG: Reported expenditure as at end June 2021

Municipality	PROJECTS	MIG Allocation 2020/2021	Stopping / Re-allocation March 2021	Amount transferred	Actual expenditure approved on MIG-MIS	% of transfered spent	% of alloc spent	Balance of allocation
Richtersveld		R 5 531 000,00	-R 1 700 000,00	R 5 531 000,00	R 0,00	0%	0%	R 5 531 000,00

The municipality failed to report the expenditure of about R1.2 million on the Municipal Information System and it could not be recognized. This is even after the municipal officials responsible for MIG projects administration attended several MIG MIS training. Furthermore, there were delays with submission of new project therefore under committed which means there were no projects to spend money on.

Nama Khoi		R 15 524 000,00	-R 6 230 000,00	R 15 524 000,00	R 12 887 437,98	83%	83%	R 2 636 562,02
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Poor project management and reporting. Training conducted on MIS, however, no improvements.

Khai-Ma		R 5 658 000,00	-R 2 000 000,00	R 5 658 000,00	R 2 505 613,05	44%	44%	R 3 152 386,95
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Expenditure was not reported on the system. LM did receive training on MIG-MIS reporting.

The expenditure on this project was in the previous financial year, which is still a backlog for the municipality to capture on the system. The R7.9m is expenditure for the current year (21/22)



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ZFM- MIG EXPENDITURE

MIG 2021-22: Reported expenditure as at end February 2022

Municipality	MIG Allocation 2021/22	Amount transferred	Actual expenditure end of Feb 2022	% of transfer red spent	% of alloc spent	Balance of allocation
Kai! Garib	R 23 485 000,00	R 13 432 000,00	R 8 459 965,88	63%	36,02%	R 15 025 034,12
!Kheis	R 11 040 000,00	R 8 217 000,00	R 5 400 321,10	66%	48,92%	R 5 639 678,90
Tsantsabane	R 28 187 000,00	R 17 044 000,00	R 11 478 371,93	67%	40,72%	R 16 708 628,07
Kgatelopele	R 20 227 000,00	R 16 129 000,00	R 16 062 049,56	100%	79,41%	R 4 164 950,44
Dawid Kruiper	R 26 323 000,00	R 19 558 000,00	R 10 831 292,13	55%	41,15%	R 15 491 707,87
Total:	R 109 262 000,00	R 74 380 000,00	R 52 232 000,60	70%	47,80%	R 57 029 999,40



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WATER & SANITATION PROJECTS ZFM DM

Municipality	Project Description	Status	Budget	Comments
!Kheis	Grobblershoop:Sternham & Duineveld Sewer reticulation,pump station & rising main (1324)	Construction	R 12 478 983,46	No status report received from the municipality
	MIG 1529:Gariep Upgrade of Bulk Water Supply (Budget M)	construction	R 9 616 287,04	On schedule
Dawid Kruiper	MIG 1536: !Kheis: Wegdraai Construction of Sewer Reticulation, Pump Station and Rising Main to Treatment	Design/Tender	R 19 044 701,04	
	MIG 1369: //Khara Hais: Melkstroom:Waste Water Treatment Works	Construction	R 10 336 940,37	Site establishment – 8 March 2022
	DK1-SMIF 2020: Rehabilitation of Water Pumps and Pump replacement program for Water supply treatment works_COVID 19	construction	R 5 273 000,00	
	DK3-SMIF 2020/21: Dawid Kruiper: Repair/Refurbishment of Keidebees Reservoir & Bulk Outfall Sewer Pump Stations in - COVID 19 Response	construction	R 2 494 600,00	Delays with material supply
Kgatelopele	MIG 1246: Danielskuil Upgrading of existing Sewerage Purification works (Budget Maintenance)	completed	R 43 649 884,39	
	MIG 1493: Danielskuil Sewerage Purification Works Phase 2	construction	R 29 721 392,84	Near completion
Tsantsabane	MIG 1484: Postmasburg: 10.6ML reservoir at Mountain View	construction	R 26 570 000,20	No status report received from the municipality on counter funding portion.
	Tsant1-SMIF 2020: Postmasburg: Emergency Covid 19 Water Infrastructure for Informal Settlements	construction	R 5 949 155,57	No status report received/submitted



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ZFM LMS AFFECTED BY STOPPING, RE-ALLOCATION PROCESS & REASONS FOR UNDER EXPENDITURE

MIG: Reported expenditure as at end June 2021

Municipality	MIG Allocation 2020/2021	Stopping / Re-allocation March 2021	Amount transferred	Actual expenditure approved on MIG-MIS	% of transfer red spent	% of alloc spent	Balance of allocation
! Kheis	R 16 835 000,00	-R 2 900 000,00	R 16 835 000,00	R 9 918 598,54	59%	59%	R 6 916 401,46
<p>Poor project management. Gariep bulk water supply project budget maintenance submitted late for approval. Therefore affected implementation and expenditure. Sports project also started late due to late recommendation from the department of Sports. The funding was the ring-fenced MIG Sport funding. It can be removed from this presentation</p>							
Dawid Kruiper	R 19 990 000,00	-R4 650 000	R19 990 000,00	R19 984 419,90	99.9%	99,9%	5 580,10
<p>Water Pump and pumps project implementation delayed due to supply of materials procured abroad. The material is specific brand that was installed in the existing municipal water treatment work (SULZER Pumps) as well as the actuator valve. The municipality did not want to use different ones to ensure compatibility with existing infrastructure.</p>							
Total:	R 16 835 000,00	-R2 900 000,00	R16 835 000,00	R 73 312 087,79	54%	54%	R 62 239 912,21



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MUNICIPALITIES BENEFITING FROM STOPPING & RE-ALLOCATION PROCESS

MIG: Reported expenditure as at end June 2021

Municipality	MIG Allocation 2020/2021	Stopping / Re-allocation March 2021	Amount transferred	Actual expenditure approved on MIG-MIS	% of transferred spent	% of alloc spent	Balance of allocation
Kamiesberg	R 13 442 000,00	R 6 000 000,00	R 13 442 000,00	R 12 160 499,38	90%	90%	R 1 281 500,62
Hantam	R 13 607 000,00	R 4 000 000,00	R 13 607 000,00	R 10 948 422,17	80%	80%	R 2 658 577,83
Karoo Hoogland	R 12 966 000,00	R 5 000 000,00	R 12 966 000,00	R 8 608 201,69	66%	66%	R 4 357 798,31
Kgatelopele	R 24 422 000,00	R 16 500 000,00	R 24 422 000,00	R 10 755 572,14	44%	44%	R 13 666 427,86
Total:	R 111 068 000,00	R 56 500 000,00	R 111 068 000,00	R 65 591 103,94	59%	59%	R 45 476 896,06



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MUNICIPALITIES BENEFITING FROM STOPPING, RE-ALLOCATION PROCESS & REASONS FOR UNDER EXPENDITURE

MIG: Reported expenditure as at end June 2021

Municipality	MIG Allocation 2020/2021	Stopping / Re-allocation March 2021	Amount transferred	Actual expenditure approved on MIG-MIS	% of transferred spent	% of alloc spent	Balance of allocation
Kamiesberg	R 13 442 000,00	R 6 000 000,00	R 13 442 000,00	R 12 160 499,38	90%	90%	R 1 281 500,62

The funds were allocated in march therefore had to re-structure LM plans. 90% of re-allocated funds were spent. The funds were spent on the Kamieskroon water project which escalated the progress and was completed. The communities are getting water.

Hantam	R 13 607 000,00	R 4 000 000,00	R 13 607 000,00	R 10 948 422,17	80%	80%	R 2 658 577,83
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The municipality's procurement of service providers delayed the implementation. However, the project was initially planned for completion in July 2021 therefore LM had to change their plan after receipt of the additional funding in March 2021 hence the 80% expenditure at the end of the financial year. The municipality was going to spend on the roads project however rollover of additional funds was not approved because service providers were appointed after June 2021 and NT condition is that they need to appoint before June.



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MUNICIPALITIES BENEFITING FROM STOPPING, RE-ALLOCATION PROCESS & REASONS FOR UNDER EXPENDITURE

MIG: Reported expenditure as at end June 2021

Municipality	MIG Allocation 2020/2021	Stopping / Re-allocation March 2021	Amount transferred	Actual expenditure approved on MIG-MIS	% of transferred spent	% of alloc spent	Balance of allocation
Karoo Hoogland	R 12 966 000,00	R 5 000 000,00	R 12 966 000,00	R 8 608 201,69	66%	66%	R 4 357 798,31
<p>The municipality's procurement of service providers delayed the implementation. However, the project was initially planned for completion in July 2021 therefore LM had to change their plan after receipt of the additional funding in March 2021 hence the 66% expenditure at the end of the financial year.</p>							
Kgatelopele	R 24 422 000,00	R 16 500 000,00	R 24 422 000,00	R 10 755 572,14	44%	44%	R 13 666 427,86
<p>The municipality's identified project was delayed due to project management as the implemented work was sub-divided to sub-contractors and therefore scope could not be completed before June. LM spent 44% of the additional funds. This balance at the end of June was R 13 666 427,86 on MIG. However the NT approval based on municipality's AFS was R11.9 million (MIG). We asked NT to explain the difference but they did not furnish us with the information.</p>							
Total:	R 111 068 000,00	R 56 500 000,00	R 111 068 000,00	R 65 591 103,94	59%	59%	R 45 476 896,06



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MIG UNDER EXPENDITURE OF RE-ALLOCATED FUNDS

It must be noted that the additional funds are gazetted in March and the municipalities are given chance to spend the additional funds by June of the following year (2022) pending approval and meeting criteria of National Treasury's rollover conditions.

STOPPING & RE-ALLOCATION 2022

The process is underway and awaiting National Treasury finalization. Detailed report will be submitted once the process is completed.



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STATUS QUO IN THE COMMISSION ON KHOI-SAN MATTERS

1. BACKGROUND



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- 1.1 Following the enactment of the Traditional and Khoi-San Leadership Act, 2019 (Act 3 of 2019) (the Act), the Minister has appointed four persons to serve as members of the National Commission on Khoi-San Matters namely, Prof Nico Adam Botha (Chairperson), Mr Douglas Langley Bennett (Deputy Chairperson), Dr (Prof retired) Edna Lorraine van Harte and Ms Nokubonga Nokwanda Mazibuko-Ngidi.
- 1.2 The term of office of the Commission commenced on 1 September 2021 and will end on 31 August 2026. This term may be extended by the Minister.
- 1.3 The Commission is tasked to receive all applications for the recognition of Khoi-San communities and leaders, investigate the applications received and make recommendations to the Minister on the possible recognition of Khoi-San communities and leaders.

2. APPLICATIONS



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- 2.1 The Commission has developed the form to be completed by Khoi-San communities and leaders who wish to apply for recognition in terms of the said Act. The application form was published under Notice No. 802 in Government Gazette No. 45865 of 4 February 2022.
- 2.2 As determined by the Minister under Government Notice No. 1639, published in Government Gazette No. 45690 of 24 December 2021, applications for recognition may be lodged with the Commission from 30 March 2022. Prospective applicants will have 2 years to submit their applications to the Commission. Applications will close on 29 March 2024.
- 2.3 Electronic versions of the Afrikaans and English application forms can be requested from cksm@cogta.gov.za
- 2.4 The department has also distributed the application form to various stakeholders in the province.

3. AWARENESS CAMPAIGNS



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- 3.1 Many Khoi-San communities have expressed a need for the Commission to conduct educational/awareness campaigns amongst such communities on the application process, the criteria for qualification, application forms and other provisions of the Act in relation to applications, including the time-frames within which applications for recognition can be submitted and dealt with. The Commission will be conducting awareness campaigns amongst such communities.
- 3.2 The launch of the awareness campaigns is scheduled for 25 March 2022 at the Southern Sun Cape Sun, Cape Town.
- 3.3 Following the launch, awareness campaigns will be conducted across the 9 provinces. Details of these campaigns are still being finalised by the Commission.



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3. AWARENESS CAMPAIGNS



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3.4 The Commission has decided to conduct the awareness campaigns for the Northern Cape as follows:

Date: 5 April 2022

Time: 09:00 – 16:00

Venue: Tol Speelman Hall, Upington

3.5 The Department has assisted the Commission in nominating officials to assist and participated in the campaign.

3.6 Communicating the details of the campaign to prospective applicants in the province.

3.7 Identification of suitable municipal venue for the campaign.



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DEPARTMENT OF WATER AND SANITATION DROUGHT INTERVENTION MEASURES

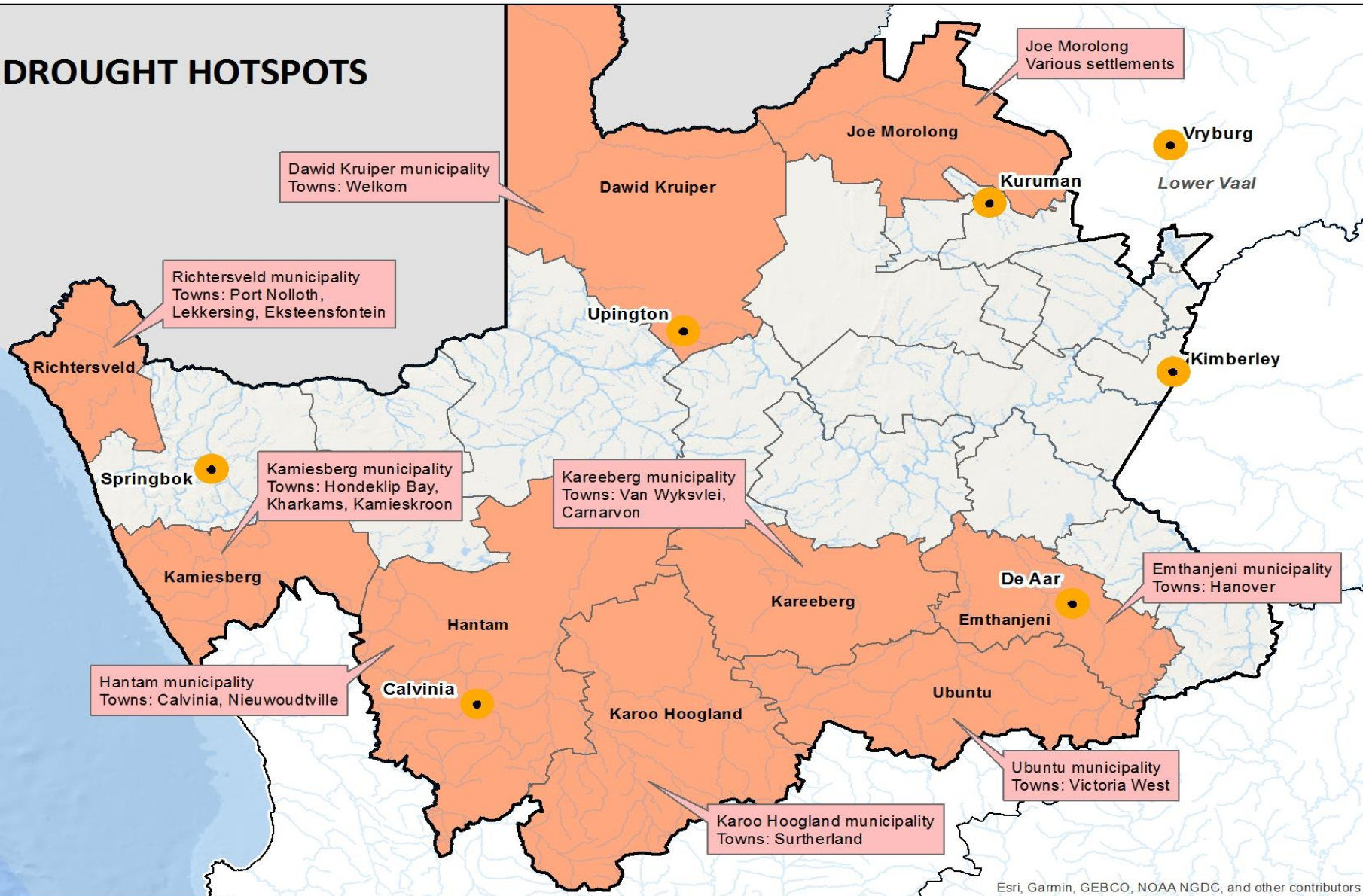
NORTHERN CAPE DROUGHT STATUS



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DROUGHT HOTSPOTS



OVERVIEW OF DROUGHT IN THE PROVINCE



- ❑ The Northern Cape has **439** towns of which 72% (**316**) are reliant solely on groundwater. A further 26% rely on surface water and the remaining 2% rely on both surface and groundwater.
- ❑ Inherently low level of rainfall, its variability and inconsistency have become more frequent in the last three decades and it has, in most instances, led to recurring bouts of droughts in certain parts of the province. This is especially case in the western, northern, and central parts of the province.
- ❑ Rapid emergency response by the tankering of water to ensure immediate relief of need; **884** water tanks have been provided to municipalities throughout the province during emergency drought and COVID-19 response since March 2020.
- ❑ Source development of more than **77** municipal boreholes in **23** communities impacting **10 161** households and **38 085** people.

OVERVIEW OF DROUGHT IN THE PROVINCE



- ❑ Communities include Garies, Soebatsfontein, Spoegrivier, Kamieskroon, Paulshoek, Leliefontein, Klipfontein, Kheis, Tweerivier and Kharkams in Kamiesberg LM; Vanwyksvlei in Kareeberg LM; Port Nolloth in Richtersveld LM; Calvinia, Nieuwoudtville and Middelpolis in Hantam LM; Strydenburg and Kraankuil in Thembelihle LM; and, Ntswelengwe, Magagwe, Cassel, Ga-Sehunelo Wyk4, Mammebe and Manyeding in Joe Morolong LM.
- ❑ Domestic and Stock Watering: 734 applications received. One-hundred and eighty-two **182** farms have been surveyed and **131** of farms have been drilled on. One-hundred and eighteen boreholes (**118**) yield and quality tested. Overall site progress is at 90%.
- ❑ Project at **98%** completion of R348 million allocation.

SUMMARY DROUGHT INTERVENTION



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Water Services Authority	Town	Households / Population	Project Scope
Kamiesberg	Garies	536 / 2 105	Garies source development (6 boreholes)
			Installation of a sump for the brine discharge and operating of existing desalination plant (12 months)
	Soebatsfontein	80 / 276	Soebatsfontein Source development (2 boreholes)
	Spoegrivier	151 / 513	Spoegrivier Source development (1 borehole)
	Kamieskroon	267 / 893	Kamieskroon Source development (2 boreholes)
	Paulshoek	127 / 415	Paulshoek Source development (3 boreholes)
	Leliefontein	181 / 616	Leliefontein Source development (5 boreholes)
	Klipfontein	114 / 466	Klipfontein Source development (1 borehole)
	Kheis	150 / 488	Kheis Source development (3 boreholes)
	Tweerivier and Kharkams	451 / 1 691	Tweerivier / Kharkams Source development (1 borehole)
Kareeberg	Vanwyksvlei	454 / 1 721	Refurbishment of existing desalination plant Development of 8 boreholes
Richtersveld	Port Nolloth	1 831 / 6 092	MYL 15 source development (6 boreholes) Port Nolloth WCDM and AC pipe replacement
Hantam	Calvinia	2 509 / 9 680	Equipping of 3 boreholes
	Nieuwoudtville and Middelpos	543 / 2 093	Source development of 25 boreholes
Joe Morolong	Various	2055 / 8049	Continuing of ongoing drought projects
Thembelihle	Strydenburg and Kraankuil	712 / 2 987	Drilling of boreholes (9 boreholes)

DETAILS OF DROUGHT INTERVENTION



Water Services Authority	Town	Households / Population	Project Scope
Kamiesberg	Garies	536 / 2 105	Garies source development (6 boreholes)
			Installation of a sump for the brine discharge and operating of existing desalination plant (12 months)
	Soebatsfontein	80 / 276	Soebatsfontein Source development (2 boreholes) <ul style="list-style-type: none"> • Equip existing boreholes (2) • Bulk water will be supplied directly from water resources (boreholes) to existing Desalination plant. • Installation of a new bulk pipeline. • Construction of new pumphouse with fencing. • Installation of new submersible pumps and new electrical connection for pumps. • Refurbishment of the existing Desalination Plant.
	Spoegrivier	151 / 513	Spoegrivier Source development (1 borehole) <ul style="list-style-type: none"> • Equip existing boreholes (1) • Bulk water will be supplied directly from water resources (boreholes) to existing Desalination plant. • Installation of a new bulk pipeline. • Construction of new pumphouse with fencing. • Installation of new submersible pump and new electrical connection for pumps. • Refurbishment of the existing Desalination Plant.
Kamieskroon	267 / 893	Kamieskroon Source development (2 boreholes) <ul style="list-style-type: none"> • Camera inspection and removal of blockages at boreholes. • Installation of new submersible pump and new electrical connection for pumps. • Installation of a new bulk pipeline. • Construction of new pump houses with fencing 	

DETAILS OF DROUGHT INTERVENTION



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Water Services Authority	Town	Households / Population	Project Scope
Kamiesberg	Paulshoek	127 / 415	<p>Paulshoek Source development (3 boreholes)</p> <ul style="list-style-type: none"> • Equip existing boreholes (3) • Bulk water will be supplied directly from water sources (boreholes) to existing bulk reservoir. • Installation of a new bulk pipeline. • Construction of new pumphouses with fencing. • Installation of a new submersible pump and new electrical/solar panel connection for pumps. • Construction of water treatment works including evaporation ponds and piping • Installation of telemetric control system
	Leliefontein	181 / 616	<p>Leliefontein Source development (5 boreholes)</p> <ul style="list-style-type: none"> • Equip existing boreholes (5) • Bulk water will be supplied directly from water resources (boreholes) to existing bulk water pipeline. • Installation of a new bulk pipeline. • Construction of new pumphouses with fencing. • Installation of a new submersible pump and new electrical/solar panel connection for pumps.
	Klipfontein	114 / 466	<p>Klipfontein Source development (1 borehole)</p> <ul style="list-style-type: none"> • Equip existing borehole (1) • Bulk water will be supplied directly from water resources (boreholes) to existing Desalination plant. • Installation of a new bulk pipeline. • Construction of new pumphouse with fencing. • Installation of a new submersible pump and new solar panel connection for pumps. • Refurbishment of the existing Desalination Plant. • Fencing of evaporation ponds

DETAILS OF DROUGHT INTERVENTION



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Water Services Authority	Town	Households / Population	Project Scope
Kamiesberg	Kheis	150 / 488	<ul style="list-style-type: none"> • Kheis Source development (3 boreholes) • Camera inspection and removal of blockages. • Bulk water will be supplied directly from water resources (boreholes) to existing Desalination plant. • Installation of a new bulk pipeline. • Construction of new pumphouses with fencing. • Installation of submersible pumps and new electrical/solar connection for pumps. • Refurbishment of the existing Desalination Plant
	Tweerivier and Kharkams	451 / 1 691	<p>Tweerivier / Kharkams Source development (1 borehole)</p> <ul style="list-style-type: none"> • Equip existing borehole (1) • Bulk water will be supplied directly from water sources (borehole) to existing bulk water pipeline. • Installation of a new bulk pipeline. • Construction of new pumphouses with fencing. • Installation of submersible pump and new electrical/solar panel connection for pumps.
Kareeberg	Vanwyksvlei	454 / 1 721	<p>Refurbishment of existing desalination plant and development of 8 boreholes</p> <ul style="list-style-type: none"> • Emergency intervention • Saline water borehole investigation (Borehole No.'s G42176, G00284NC, G00189NC, G00197NC, G00289NC, G00292NC) to determine safe yield, quality and refurbishment requirements. • Refurbishment of boreholes including replacement of pumps and fitting of monitoring equipment. • Develop Terms of Reference for obtaining quotes for the lease of a 170m³/d RO desalination plant as well as upgrade of existing raw water holding tanks and associated infrastructure. • Develop of Terms of Reference for Operation and Maintenance of RO plant for a 24-month period. • Obtain Quotes and Evaluate. • Establish and implement scheme in shortest possible time and operate and maintain for a period of 24 months. The 24-month O&M Scope of Work will require complete execution by a 3rd party.

DETAILS OF DROUGHT INTERVENTION



Water Services Authority	Town	Households / Population	Project Scope
Richtersveld	Port Nolloth	1 831 / 6 092	<ul style="list-style-type: none"> • MYL 15 source development (6 boreholes) • Drilling of six boreholes • Fitting and equipping of boreholes • Fencing of all boreholes • Energy supply • Construction of pipeline • Construction of storage facilities • Fitting bulk water meters <p>Port Nolloth WCDM and AC pipe replacement</p> <ul style="list-style-type: none"> • Replacing all cement asbestos pipes with PVC / HDPE waterpipes. • Creating zone distribution network. • Installing zone meters. • Installing strategic monitoring. • Repair all leakages. • Replacing old water meters. • Fitting limiting devices to all indigent household water meters

DETAILS OF DROUGHT INTERVENTION



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Water Services Authority	Town	Households	Project Scope
Hantam	Calvinia	2 509 / 9 680	<ul style="list-style-type: none"> • Equipping of 3 boreholes • New Inlet Works and flow measurement. • Convert existing clarifiers to Dortmund type settling tanks with inflow feed into centre stilling chamber. • Construct 4 new Rapid Gravity Filters with combined air and water backwashing system. • Construct a Dissolved Air Flotation pre-treatment system to remove algae from the raw water. • Provide a facility for the removal of elevated levels of fluoride from groundwater sources. • Upgrade the chemical dosing system. • Upgrade the Disinfection dosing system. • Miscellaneous transfer pumps and connector pipelines. • Improve sludge management. • Equipping of two new boreholes complete with pumps, electrical supply, switchgear and instrumentation to allow abstraction of additional groundwater. • Construction of approximately 8200m of small diameter (< 160mm) uPVC connector pipelines between 5 boreholes and the Calvinia Water Treatment Plant. • To construct permanent connector piping between 5 recently developed boreholes in the Calvinia Northern Wellfield and the Calvinia Water Treatment Plant so that an additional 9.8 l/s can be delivered to the community on a sustainable basis.
	Nieuwoudtville and Middelpos	543 / 2 093	<ul style="list-style-type: none"> • Source development of 25 boreholes

DETAILS OF DROUGHT INTERVENTION



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Water Services Authority	Town	Households	Project Scope
Joe Morolong	Ntswelengwe, Magagwe, Cassel, Ga-Sehunelo Wyk4, Mammebe, Manyeding	355 / 1 598 159 / 740 1 033 / 3 895 46 / 116 47 / 117 415 / 1 583	Continuing of ongoing drought projects <ul style="list-style-type: none"> • Construction of 50KL Steel tank on 15m stand • Construction of approximately 510m of internal reticulation uPVC pipes ranging from 160 mm to 90mm diameter. • Refurbishment of two existing production boreholes with positive displacement pumps and Electrical systems. • Allowance for Eskom connection and upgrade. • Construction of 15 new communal stand pipes. • Chlorination at storage facility.
Thembelihle	Strydenburg and Kraankuil	712 / 2 987	Drilling of boreholes (9 boreholes) <ul style="list-style-type: none"> • Borehole siting, Drilling, Installation and Complete Equipping with Security of 1 Solar borehole in Orange River station and piping including. • Borehole siting, Drilling, Installation and Complete Equipping with Security of 1 Solar borehole in Kraankuil and piping including. • Solar Pumps and Motors, solar power and wind turbines installation for borehole SG-i6i and SG-162 inclusive security in strytenburg. • Borehole siting, Drilling, Installation and Complete Equipping with Security of 3 Solar borehole in Strytenburg. Storage and piping to Main Line Inclusive. • Installation of 200m power line to borehole WIT2 Inclusive Connections to the borehole

**DEPARTMENT OF AGRICULTURE, ENVIRONMENTAL
AFFAIRS, RURAL DEVELOPMENT AND LAND REFORM
DROUGHT INTERVENTION MEASURES**



- ❑ There has been a **significant improvement in vegetation condition** in general.
- ❑ **This improvement can be attributed** late winter rains as well as early summer rains **over most of the Northern Cape**. In these areas, vegetation condition improved significantly.
- ❑ **The south western part of the Province**, which were up to recently in the grip of a severe drought **experienced a bloom of vegetation growth and especially grasses**. This includes the Upper Karoo, Bushmanland and Namaqualand.
- ❑ However, a **large component of woody dwarf shrubs appears to have died** during the drought.
- ❑ **The only part of the Province where significant drought conditions prevail is in the northern part of Namakwa district** and in particular the Richtersveldt



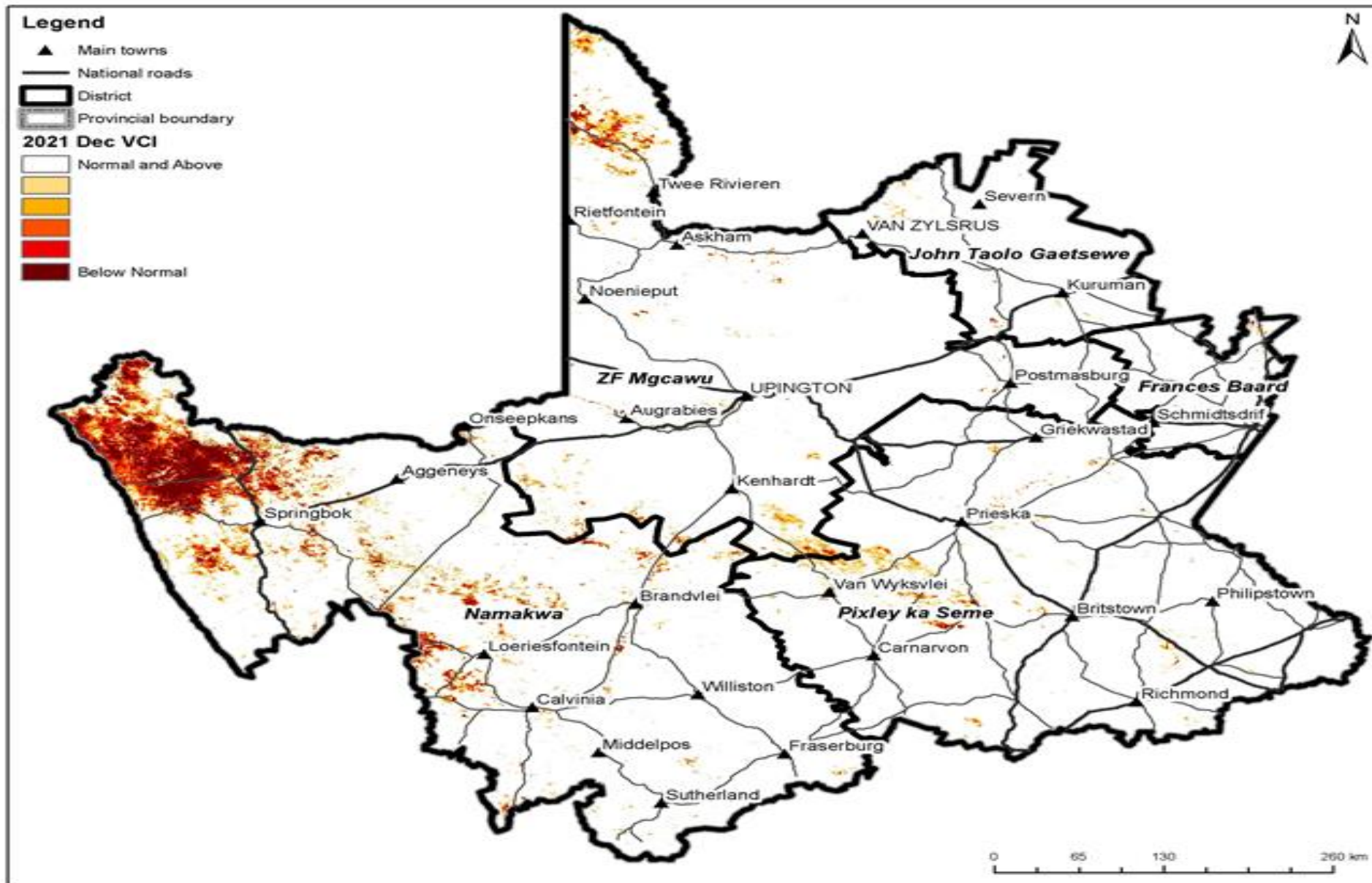
- ❑ **With small portions of Pixle ka Seme and ZF Mgcawu still experience drought conditions**, but for most of the Province the vegetation has recovered sufficiently to break the disastrous effects of the drought and ground water has been replenished.
- ❑ From the next Figure, it is clear that large parts of the Province the vegetation conditions have improved.

VEGETATION CONDITION INDEX FOR JANUARY 2022



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MITIGATION MEASURES FOR DROUGHT RELIEF



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- ❑ **380 tonnes** of fodder from the Fodder Bank were transported to **drought areas** as from(**April – 30 August 2021**).
- ❑ **Agri Northern Cape Union** assisted with transport to deliver fodder across the province.



FUNDING ALLOCATION FOR DROUGHT MITIGATION



Province	District Municipality	Purpose of Funding	Approved Amount
Northern Cape	Namakwa	Fodder Provision and clearing of Prosopis	R5 500 000
	Pixley Ka Seme		R4 500 000
	Frances Baardt		R3 000 000
	John Taolo Gaetsewe		R2 500 000
	ZF Mgcawu		R3 800 000
	Fodder Banks	Fodder Bank irrigation, input costs, production and maintenance	R3 500 000
	All Districts	Transport of Fodder	R2 000 000
	Identified Districts	Clearing of Prosopis	R10 889 000
			R35 689 000

THANK YOU

B·B
BACK TO BASICS
SERVING OUR COMMUNITIES BETTER

Putting People
First and
Engaging with
Communities

Delivering
Basic Services

Good
Governance

Sound
Financial
Management

Building
Capable
Institutions

