# Central Karoo District Municipality Integrated Waste Management Plan: Appendix A Stakeholder Engagement Report



2025





#### PROJECT INFORMATION

Title	Stakeholder Engagement Report for Development of Central Karoo District Municipality Integrated Waste Management Plan
Submission Date	26 March 2025
Our Reference	MC.DFFE.IWMP.2024

#### VERSION AND AMENDMENT SCHEDULE

Version	Version date	Author	Description of Amendments
1	21 March 2025	Ndingoho Mufandilani (Environmental Consultant)	Stakeholder Engagement Report

#### APPROVAL AND CONTROL SCHEDULE

Approved by	Designation	Responsibility	Signature	Date Approved
Given Nkosi	Environmental Consultant	Review	Arise	23 March 2025
Mmapula Moropo	Senior Environmental Consultant	Review		24 March 2025
Ronaldo Greeff- Retief	Environmental Manager	Approval	Gen T	25 March 2025

REPORT STATUS	DRAFT	FINAL	



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## 1. COMMUNICATION AND STAKEHOLDER PARTICIPATION

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The stakeholder consultation and Public Participation Process (PPP) was done in accordance with Section 11(1& 4) read with Section 73 of the National Environmental Management: Waste Act (Act No. 59 of 2008) as amended (NEM: WA). The purpose of this report is therefore to present the stakeholder approach, identified stakeholders and the consultative processes undertaken during the development of an Integrated Waste Management Plan (IWMP). The stakeholder engagement was an ongoing process throughout the IWMP development. The process involved the participation and contribution of a large group of stakeholders (The general public). The process focused strongly on the direct and productive involvement of stakeholders in developing the plan.

Stakeholders were identified and consulted during the development of this plan, per the Department of Environmental Affairs (DEA) IWMP guidelines published in 2020. The following should be included in the report:

- A summary of the stakeholders that have been consulted; their issues, concerns, views and inputs.
- Responses to the concerns and issues raised by stakeholders; and
- A record on details of the stakeholders and their inputs.

#### 1.1. STAKEHOLDER ENGAGEMENT APPROACH

A consultative process was followed throughout the development of the IWMP, and the following steps were followed to ensure that stakeholders were provided with an opportunity to comment on the draft IWMP.

- Identification of role players: Key role players that contribute to waste management and inform current waste management practices within the municipality were identified. Key role players are listed in Section 2.
- **Role Player Database**: After all the role players were identified, a database was developed and updated throughout the IWMP process.
- **Public Participation**: A "Call for Expression of Interest" i.e. an advert was placed in Die Courier to inform the public about the availability of the draft IWMP for review (for a period of 30 days) and to invite the public to attend the public meeting so they be informed of the development of the IWMP and have an opportunity to comment as well as give inputs on the IWMP.

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Figure 1 below summarises the steps that were followed when undertaking stakeholder engagement:

Identification of I&APs and Compilation of I&AP Database
Call of Expression (Advert) was placed in one newspaper
Meetings
One Public Meeting with I&APs

Figure 1: Public participation process undertaken





## 2. AWARENSS CONSULTATION WITH KEY STAKEHOLDERS

DOC NO:

The identified key stakeholders included but not limited to the following:

- Waste management municipal officials;
- Central Karoo district officials;
- Wate management recyclers;
- Department of Environmental Affairs and Development Planning (DEADP); and
- Department of Forestry, Fisheries and the Environment (DFFE.)

#### 2.1. PUBLIC MEETINGS

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Public meetings were held for the Central Karoo District Municipality (CKDM), within the three Local municipalities i.e. Beaufort West LM, Laingsburg LM & Prince Alfred LM. The purpose of the public meeting was to engage Interested and Affected Parties (I&APS), to give them an opportunity to comment and give inputs on the draft IWMP. An advert inviting the public was placed in one newspaper. See **Annexture A** for public meeting minutes. The public meeting was held as indicated in Table 1.

#### Table 1: Public Meeting

Municipality	Date	Time	Venue
Beaufort West	04 March 2025	14H00	Klaarstroom
LM			Community Hall
		14H00	Murraysburg Town
			Hall
Laingsburg LM	05 March 2025	18H00	Laingsburg Flood
			Museum Auditorium
Prince Alfred	06 March 2025	10H00	Prince Albert,
LM			Sydwell
			Williams Centre

The public participation meeting pictures are depicted

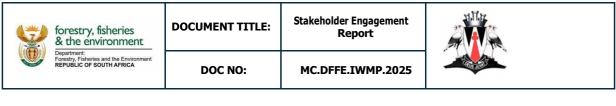




Figure 2 below:













Figure 2: Public meeting pictures





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Notice notifying, I&APs was given in terms of Section 11(1& 4) read with Section 73 of the NEM: WA. The advert was placed in one newspaper i.e., Die Courier. See Figure 3 and Figure 4 for advert tear sheets and for the advert respectively.

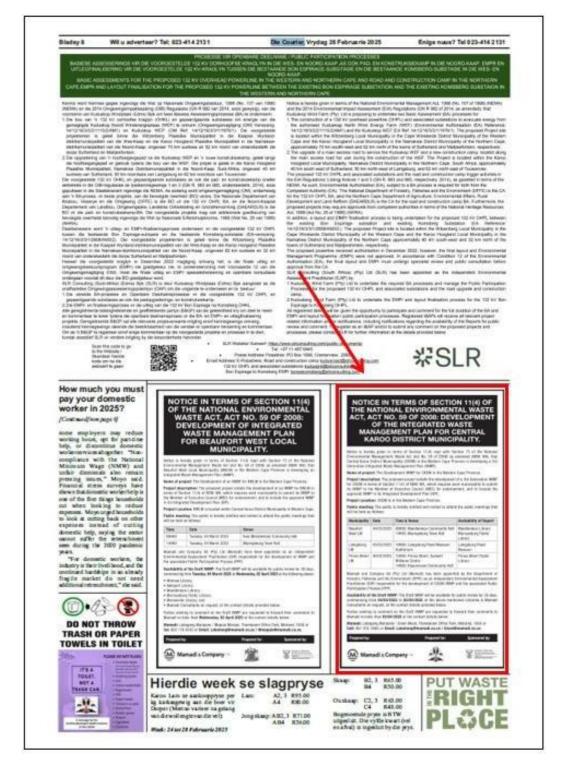


Figure 3: Advert tear sheet



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NOTICE IN TERMS OF SECTION 11(4) OF THE NATIONAL ENVIRONMENTAL WASTE ACT, ACT NO. 59 OF 2008: DEVELOPMENT OF THE INTEGRATED WASTE MANAGEMENT PLAN FOR CENTRAL KAROO DISTRICT MUNICIPALITY.

Notice is hereby given in terms of Section 11(4) read with Section 73 of the National Environmental Management: Waste Act (Act No. 59 of 2008) as amended (NEM: WA), that Central Karoo District Municipality (CKDM) in the Western Cape Province is developing a 3rd Generation Integrated Waste Management Plan (IWMP).

Name of project: The Development IWMP for CKDM in the Western Cape Province.

**Project description:** The proposed project entails the development of a 3rd Generation IWMP for CKDM in terms of Section 11(4) of NEM: WA, which requires each municipality to submit its IWMP to the Member of Executive Council (MEC) for endorsement; and to include the approved IWMP in its Integrated Development Plan (IDP).

Project Location: CKDM is in the Western Cape Province.

Public meeting: The public is hereby notified and invited to attend the public meetings that will be held as follows:

Municipality	Date	Time & Venue	Availability of Report
Beaufort West LM	04/03/2025	08H00: Mandlenkosi Community Hall 14H00: Murraysburg Town Hall	Mandlenkosi Library Murraysburg Public Library
Laingsburg LM	05/03/2025	18H00: Laingsburg Flood Museum Auditorium	Laingsburg Flood Museum
Prince Albert LM	06/03/2025	10H00: Prince Albert, Sydwell Williams Centre 14H00: Klaarstroom Community Hall	Prince Albert Public Library

Mamadi and Company SA (Pty) Ltd (Mamadi) has been appointed by the Department of Forestry, Fisheries and the Environment (DFFE) as an independent Environmental Assessment Practitioner (EAP) responsible for the development of CKDM IWMP and the associated Public Participation Process (PPP).

Availability of the Draft IWMP: The Draft IWMP will be available for public review for 30 days, commencing from 04/03/2025 to 03/04/2025 at the above-mentioned Libraries & Mamadi Consultants on request, at the contact details provided below.

Parties wishing to comment on the Draft IWMP are requested to forward their comments to Mamadi no later than 03/04/2025 at the contact details below:

Mamadi: Lebogang Maripane/Given Nkosi, Thandanani Office Park, Midrand, 1658 or Cell: 061 476 7868: or Email: Lebohang@mamadi.co.za / Given@mamadi.co.za



Figure 4: IWMP Advert



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#### 2.3. AVAILABILITY OF THE IWMP DRAFT

All I&APs and stakeholders were notified of the availability of the IWMP Draft report. The Draft IWMP was available for public review for a period of 30 days, which commenced from the 4<sup>th</sup> of March 2025 to the 3<sup>rd</sup> of April 2025. Hard copies of Draft IWMP reports were placed at Laingsburg Flood Museum, Prince Albert Public Library, Mandlenkosi Library and Murraysburg Public Library. Soft copies of the draft IWMP were also available via email upon request from Mamadi consultants.

#### 3. COMMENTS AND RESPONSE TRAIL

No comments were raised on the presentation during the public participation process.

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## 4. CENTRAL KAROO DISTRICT MUNICIPALITY IWMP DATA BASE

A project database has been established and updated throughout the project based on the interaction with key stakeholders and I&Aps. Table 2 below details the project stakeholder database.

#### Table 2: Project Data Base

Name and Surname	Physical Address	Organisation	Mobile	Email
Given Nkosi	Thandanani Office Park 16 Invicta Road Midrand, 1658	Mamadi and Company (Pty) Ltd	061 476 7868	<u>given@mamadi.co.za</u>
Lebogang Maripane	Thandanani Office Park 16 Invicta Road Midrand, 1658	Mamadi and Company (Pty) Ltd	079 541 7171	Lebohang@mamadi.co.za
Kamralethu Mncameni	Kwa Mandlenkosi	-	078 300 2796	Kamramncameni@gmail.com
Alanne Ngondo	-	-	079 745 0705	ngondoalanne@gmail.com
Nicola Xhalabile	H.M Dlikidla	H.M Dlikidla P. S	063 009 4027	bukekaxhalabile@gmail.com
Sinethamba Rasmeni	Essopville Aifonzo laan 121	Essopville	067 751 3313	nashleerasmeni@gmail.com
Siyolise Ngondo	8 Sallidan laan	Rustdene	079 341 7713	Ngondosiyolise05@gmail.com
Lindokuhle Henge	483 OR Tambo Drive		072 741 4833	nobuntuhenge@gmail.com

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Fundiswa Ntanjana	18 Daniel Street	DLG/CDW	078 804 4468	Fundiswa.Ntanjana@westerncape.gov.za
Hlayisani Ntsanwisi	473 Steve Biko Road	DFFE	066 489 3400	HNtsanwasi@dffe.gov.za
Nontembiso Gaba	8 Daniel Street	EPWP	083 445 4497	NontembisoGabawesterncape.gov.za
Daniel Jonas	23 Le Vencce	EPWP	074 471 5346	Jonasdj502@gmail.com
Warren Haas	-	EPWP	073 906 2699	wejhaas@gmail.com
Malcolm Sam	23 Sunset Laan Toekom Street	EPWP	061 163 8326	Malcolmsam95@gmail.com
Nicola Klazen	6 Herman Street	Dunecon	083 440 6634	nicola@dunecon.co.za
Constanstia Peterson	25 Grimbeeck	Recycle	068 588 7599	Stenalee@gmail.com
Shadrack T Gontsho	Tellis Loan Laan 4	EPWP	-	-
Theodore Rasmini	375 Bonani Street	EPWP	079 834 0147	Rasmini@gmail.com
Siphokazi Stuurman	475 Mandlenkosi	EPWP	076 376 5249	-
Sonwabiso Bango	62919 Jacob Avenue	EPWP	065 574 2365	Sonwabisobango01gmail.com
Luthando Ensel	Ns87 Jabava Road	EPWP	083 861 7258	Luthandomdu5@gmail.com
Andile Tatane	105 Salie Street	EPWP	069 123 8654	-
Ndileka Lebone	2517 Sixaba Road	EPWP	063 011 1151	Ndilekalebone885@gmail.com
Sindela Banda	-	EPWP	078 975 1266	Sindelabanda3@gmail.com

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Nontokozo Booysen	291 Sixaba Road	EPWP	068 334 0169	booysennontokozo@gmail.com
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Sinesipho Dayizana	129 Moos Street	EPWP	•	
Somila Mfenyana	W265 Qwina	EPWP	•	mfenyanasomila@gmail.com
Lisanda Mashumi	617 Qwina Street	EPWP	073 374 3094	-
Elsebe To	16 Lawrence	EPWP	072 639 2364	-
Neliswa Tshona	27 Maintain view	EPWP	071 756 5677	-
Ronald Thami	8 Daniel Street	DLG/CDW	083 445 4721	Ronald.Thami@westerncape.gov.za
Anganathi Ranisi	93 Bantom Street	EPWP	083 248 7730	anganathiranisi@gmail.com
Ntombovuyo Damba	93 Bantom Street	EPWP	063 846 2728	Ntombovuyodamba26@gmail.com
M.Warden	-	GCIS	071 461 3237	mongwe@gcis.gov.za
V.Ruilers	-	BWM	062 548 4586	wastemanager@beaufortwestmun.co.za
Renisha Januarie	Plaza & Ngesi 1	BWM	023 414 7538	renishaj@beaufortwestmun.co.za
Nontsikelelo Ntengento	Ngesi Avenue	BWM	078 227 6360	nontsikelelon@bwmun.co.za
Asanda Diamond	28 Warman Street	EPWP	083 774 5285	

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Jisreel Wentzel	Visagie Avenue 63	SAACD	060 958 8619	jisreelwentzel@gmail.com
Nicole Fortuin	James Smit Avenue2	Born Star PTY	084 970 3582	jisreelwentzel@gmail.com
Ferdinand Jonlcers	Michael Devilciers	Born Star	-	-
Xabiso Mankayi	Norman 38	EPWP	-	-
Othandiwe Mbelu	2809 Rev Fass Street	EPWP	064 414 4340	mbeluothandiwe@gmail.com
Janga Mazula	11 Rev Fass Street	EPWP	060 344 3638	Jangamazula3@gmail.com
Patrick Metsing	447 Matshaka Avenue	EPWP	061 052 1935	metsingpatrick@gmail.com
Anelisa Mankayi	N175 Qwina	EPWP	061 052 1935	
Amthandile Mavata	485 Mandlenkosi Road	EPWP	069 854 6409	mavataamthandile@gmail.com
Thembalethu Haas	670 Smile Anue	EPWP	071 701 2362	Glenthembalethu2@gmail.com
Lilithe Sondara	-	EPWP	063 417 0814	lithesondara323@gmail.com
Agnes Stoffers	17 Bhebell Street	CIR Community	078 943 3181	-
Craigh Prince	112 Donkin Street	BWM	023 414 8192	craighp@bwmun.co.za
P.Adolph	112 Donkin Street	BWM	023 449 1062	-
Leon Crafford	Donkin Street 63	SKDM	023 449 1062	leon@skdm.co.za
Ludwe Ngxateleni	13 Devenish	DFFE	064 888 1102	Ingxateleni@dffe.gov.za

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Stephanus Pheiflas	112 Donkin Street	BWM	073 777 1006	Stephanusp@beaufortwestmun.co.za
Anele Ngondo	5 Lawrence Ave	Yxxr Place	078 008 3291	acephonik@gmail.com
Hendriks Susanna	43 Endurance	-		
E. Julies	10 Boesah Street	-	084 451 0048	-
Lottering Sgrina	9 Kupstran	-	074 846 6420	-
Hendrik Louw	36 Hogo Loan	-	072 893 2232	-
Willem Keyser	15 Boesak Street	-	084 436 8394	Keyser10@gmail.comA
Adams	-	-	-	-
Christine Jonas	Merino Street 5	-	061 310 0255	-
Aubrey Staanders	16 Hugolaan	-	076 3418065	-
Elna Setenanc	18 Hope Street	-	074 686 4681	-
Aumaus Claasen	-	-	076 076 4424	-
Martha Booysen	Burger Street 2	-	-	-
Warron	Klie Street 56	•	-	-
Vatiswa Dyalvani	-	-	065 030 6291	Dyalvanivatiswa95@gmail.com
Moos Hendriks	Krikaad 40	·	-	-

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Vuyisile Mlilimama	-	-	-	-
Dr Van Rooyen	Darling Street 27	Hs Murraysburg	-	-
Jeffathon Owies	998 Hootkapper	-	084 922 4758	
Anthea Jacobs	-	-	063 520 9880	nikecolleite@gmail.com
August Barber	Oliver Tambo 12	-	078 256 8354	•
Veronica Barber	Oliver Tambo 12	·	073 415 1247	-
Ryan Janson	18 Smith Street	-	061 909 1543	-
Mbulelo Faster	3 Breedeweg	Ward Committee	074 078 1859	-
Algine Wagner	-	Ward Committee	066 343 9616	-
Gladys Galant	959 Lebb Street	·	-	-
Danvor Saretse	Church street PA	PAMUN	0788663126	danvor@pamun.gov.za
Nicole Wicomb	Church street PA	PAMUN	0662139494	nicole@pamun.gov.za
Leon Grafford	Beaufort west	SKDM	0234491082	leon@skdm.co.za
Breyton Botes	57aalwyn street	-  -	0610690442	botesbreyton@gmail.com
Jason Hendriks	48 Aalwyn street	PAMUN	0623003286	Jasonhandriks007@mail.com
Lionel Wilschut	128 Aalwyn street	PAMUN	0647953075	-

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Willocta Pietersen	34 4 <sup>th</sup> Avenue	-	072 307 1970	wpietersen@gmail.com
Tamaryn Van Rooy	Wolli Bronkhorst 03	-	062 498 4340	
Katrina Van Wyk	25 Avenue Gob	-	068 970 1678	
Bernard Rooi	Wolli Bronkhorst 3	-	084 314 8078	Bernardrooi6@gmail.com
Arthur Abraham	12 B Kaw Hof	LLM	060 676 7099	adabraham@laingsburg.gov.za
Zuri duza	-	CKDM	084 580 9818	Zuri@skdm.co.za
Leon Grafford	Branford West	CKDM	081 270 8177	Leon@skdm.co.za
Johan Mouton	LMUN	LLM	084 435 9739	johanta@laingsburg.gov.za

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Ö	Department: Forestry, Fisheries and the Environment REPUBLIC OF SOUTH AFRICA	DOC NO:	MC.DFFE.IWMP.2025	

#### **ANNEXTURE A: PUBLIC MEETING MINUTES**



#### PROJECT: PUBLIC PARTICIPATION MEETING FOR DEVELOPMENT OF INTEGRATED WASTE MANAGEMENT PLAN FOR CENTRAL KAROO DISTRICT MUNICIPALITY Date: 06 March 2025

Time: 14H00

Venue: Prince Albert Local Municipality's - Klaarstroom Community Hall

ltem No.	Items	Responsibility
1	OPENING AND WELCOME	LC
	• Leon Crafford (LC), opened the by welcoming everyone who	
	attended the meeting.	
2	INTRODUCTIONS	ALL
	All attendees were introduced. See Annexure A (Attendance	
	Register) for all attendees.	
3	<ul> <li>ADOPTION OF THE AGENDA</li> <li>The agenda was adopted with no additions.</li> </ul>	ALL
4	<b>PURPOSE OF THE MEETING</b> Given Nkosi (GN) indicated that the purpose of the meeting was to present the Central Karoo District Municipality's (CKDM) draft Integrated Waste Management Plan (IWMP) to the public and to also allow them to comment on the draft IWMP before it is finalised.	LN
5	<ul> <li>IWMP PRESENTATION</li> <li>Mamadi (GN) presented on the following: for a detailed presentation find the presentation attached as Annexure B.</li> <li>Project Background</li> </ul>	GN
	Project Approach	
	Project Plan	
	Locality Map of the Municipality	
	Waste Management Status Quo	
	Gaps & Needs Assessment	
	Implementation Plan	
	Public Participation	
6	<ul> <li><b>DISCUSSIONS</b></li> <li>No comments were raised for CKDM draft IWMP presentation.</li> </ul>	All
7	WAY FOWARD	GN
'	<ul> <li>GN explained that Interested parties are to review and comment</li> </ul>	
	on the draft IWMP at the designated points within 30 days.	
8	CLOSURE	JM

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ltem No.	Items	Responsibility
	• LC ended the meeting. He reminded everyone that the	
	community should give feedback on the draft before it's finalized	





## Annexure A: Attendance Register

		Date: Tuesday, March 2025 Venue: Klaarstroom; Community Hall	Date: Tuesday, 🌦 March 2025 iue: Klaarstroom; Community F	5 Hall	
Mamadi & Company	N.	Time	Time: 14:00 00 000 14 00		
Name and Surname	Physical Address	Organisation	Mobile	Email	Signature
Given Nkosi	Thandanani Office Park 16 Invicta Road Midrand, 1658	Mamadi and Company (Pty) Ltd		given@mamadi.co.za	
Lebogang Maripane	Thandanani Office Park 16 Invicta Road Midrand, 1658	Mamadi and Company (Pty) Ltd		Lebohang@mamadi.co.za	P
Jade April	FICTURY TOOM 6432		076 953 471	076 953 LITII Juniahouter mail-com	J.Amil
Soc	Kleisternen, 85 Lows Arries Str		545710710	T2 C74 5457 Instrumers 26 gmail. com	
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Kely-Ann Neur	151 Please Breinp,		064 239 26 78	out 239 25 78 Reallyconnucker 2 Cogning . com	
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#### PROJECT: PUBLIC PARTICIPATION MEETING FOR THE DEVELOPMENT OF INTEGRATED WASTE MANAGEMENT PLAN FOR CENTRAL KARROO DISTRICT MUNICIPALITY Date: 05 March 2025

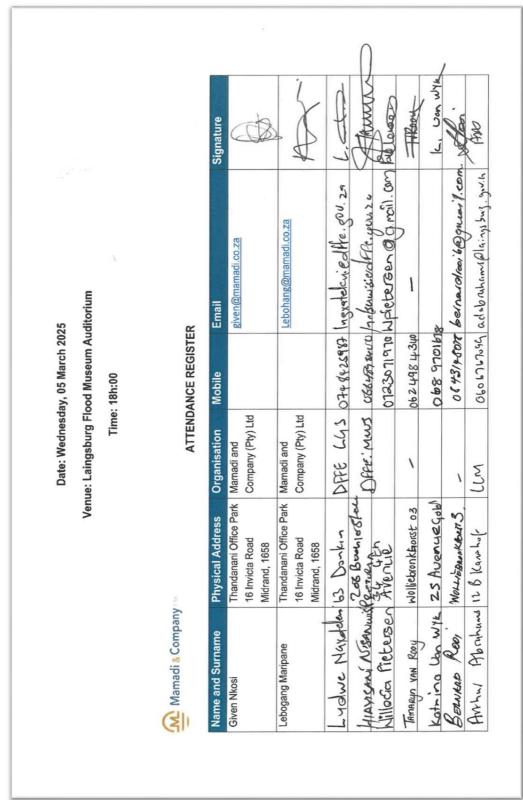
Time: 18H00

Venue: Laingsburg Local Municipality-Laingsburg Flood Museum Auditorium

ltem No	Items	Responsibility
9	<ul> <li>OPENING AND WELCOME</li> <li>Johan Mouton (JM), opened the by welcoming everyone who</li> </ul>	JM
	attended the meeting.	
40		
10	<ul> <li>INTRODUCTIONS</li> <li>All attendees were introduced. See Annexure A (Attendance)</li> </ul>	ALL
	Register) for all attendees.	
11	<ul> <li>ADOPTION OF THE AGENDA</li> <li>The agenda was adopted with no additions.</li> </ul>	ALL
12	<b>PURPOSE OF THE MEETING</b> Given Nkosi (GN) indicated that the purpose of the meeting was to present the Central Karroo District Municipality's (CKDM) draft Integrated Waste Management Plan (IWMP) to the public and to also allow them to comment on the draft IWMP before it is finalised.	LN
13	<ul> <li>IWMP PRESENTATION</li> <li>Mamadi (GN) presented on the following: for a detailed presentation find the presentation attached as Annexure B.</li> <li>Project Background</li> </ul>	GN
	Project Approach	
	Project Plan	
	Locality Map of the Municipality	
	Waste Management Status Quo	
	Gaps & Needs Assessment	
	Implementation Plan	
	Public Participation	
14	<ul> <li><b>DISCUSSIONS</b></li> <li>No comments were raised for CKDM draft IWMP presentation.</li> </ul>	All
15	<ul> <li>WAY FOWARD</li> <li>GN explained that Interested parties are to review and comment</li> </ul>	GN
	on the draft IWMP at the designated points within 30 days.	
16	CLOSURE	JM
	• JM ended the meeting. He reminded everyone that the	
	community should give feedback on the draft before it's finalized	

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## Annexure A: Attendance Register







DOC NO:

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Signature	all that	the still	Day ( Mars								
Email	08428098 abrillex dm	7 leon & Skelm, co	inouter claritoburg. 20,20								
Mobile	084,58098	21270817	2527354780								
Organisation	SKD M	Propra	LLA								
Physical Address	Jany South	and.	LMUN								
Name and Surname	This Su Tot	LCON CRAFFORD	Jhan have								





## PROJECT: PUBLIC PARTICIPATION MEETING FOR DEVELOPMENT OF INTEGRATED WASTE MANAGEMENT PLAN FOR BEAUFORT WEST LOCAL MUNICIPALITY

Date: 04 March 2025 Time: 08H00

Venue: Mandlenkosi Community Hall

Items	Responsibility
<ul> <li>OPENING AND WELCOME</li> <li>Ludwe Ngxateleni (LN), opened the by welcoming everyone</li> </ul>	LN
who attended the meeting.	
<ul> <li>INTRODUCTIONS</li> <li>The meeting commenced without formal introductions. See</li> </ul>	ALL
Annexure A (Attendance Register) for all attendees.	
ADOPTION OF THE AGENDA	
The agenda was adopted with no additions.	ALL
PURPOSE OF THE MEETING LN indicated that the purpose of the meeting was to present the Beaufort West Local Municipality's (BWLM) draft Integrated Waste Management Plan (IWMP) to the public and to also allow them to comment on the draft IWMP before it is finalised.	LN
<ul> <li>IWMP PRESENTATION Mamadi Given Nkosi (GN) presented on the following: for a detailed presentation find the presentation attached as Annexure B. <ul> <li>Project Background</li> <li>Project Approach</li> <li>Project Plan</li> <li>Locality Map of the Municipality</li> <li>Waste Management Status Quo</li> <li>Gaps &amp; Needs Assessment</li> <li>Implementation Plan</li> <li>Public Participation</li> </ul> </li> </ul>	GN
	<ul> <li>OPENING AND WELCOME</li> <li>Ludwe Ngxateleni (LN), opened the by welcoming everyone who attended the meeting.</li> <li>INTRODUCTIONS</li> <li>The meeting commenced without formal introductions. See Annexure A (Attendance Register) for all attendees.</li> <li>ADOPTION OF THE AGENDA</li> <li>The agenda was adopted with no additions.</li> <li>PURPOSE OF THE MEETING LN indicated that the purpose of the meeting was to present the Beaufort West Local Municipality's (BWLM) draft Integrated Waste Management Plan (IWMP) to the public and to also allow them to comment on the draft IWMP before it is finalised.</li> <li>IWMP PRESENTATION Mamadi Given Nkosi (GN) presented on the following: for a detailed presentation find the presentation attached as Annexure B.</li> <li>Project Background</li> <li>Project Approach</li> <li>Project Plan</li> <li>Locality Map of the Municipality</li> <li>Waste Management Status Quo</li> <li>Gaps &amp; Needs Assessment</li> </ul>



DOCUMENT TITLE:

DOC NO:



ltem No.	Items	Responsibility						
22	DISCUSSIONS	All						
	22.1 Are the people in the meeting supposed to be the ones who							
	tell the community about the IWMP?							
	<ul><li><b>Response:</b> Public notices in the form of advert have already notified the public about the IWMP.</li><li>22.2 Dispute the issue raised in the report that says no audits are</li></ul>							
	done.							
	<ul> <li><b>Response:</b> The issue of audits not being done is true as shown in the report from the province and the waste manager also can attest to this.</li> <li>22.3 Why not integrate art and culture in waste management as a</li> </ul>							
	way of communicating waste and promoting education and							
	awareness?							
	<ul><li><b>Response:</b> Various ways of communicating education and awareness will be implemented by the municipality.</li><li>22.4 How can the Environmental Health Practioners be made</li></ul>							
	available?							
	<b>Response:</b> The district and local municipality will have to communicate the protocols to be followed.							
23	WAY FOWARD	GN						
	Mamadi to update the information provided by the Municipality							
	and community in the IWMP report.							
	• GN explained that Interested parties are to review and comment							
	on the draft IWMP at the designated points within 30 days.							
24	CLOSURE	LN						
	• LN ended the meeting. He reminded everyone that the							
	community should give feedback on the draft before it's finalized							





## Annexure A: Attendance Register

Date: Tuesday, 04 March 2025 Venue: Kwa Mandlenkosi Community Hall Time: 08:00 ATTENDANCE REGISTER	ysical Address Organisation Mobile Email Signature	Thandanani Office Park     Mamadi and     given@mamadi.co.za       16 Invicta Road     Company (Pty) Ltd       Midrand, 1658	andanani Office Park Mamadi and Lebohan <u>g@mamadi.co.za</u> Invicta Road Company (Pty) Ltd drand, 1658	wa-Mandlentosi liwa-Mandlentosi 0783062796 Lamnowincannenie gimmitan BSW	nted		DAMEL ST  DL5/CDW OF 8044468 [Westerncepe. Bor. 29 H. Hogy) 205 Breline Street Remue CARS 10684873400 Halsonus; edite, jouce How
	Physical Address	Thandanani Office Par 16 Invicta Road Midrand, 1658	Thandanani Office Park 16 Invicta Road Midrand, 1658	Euro-Mandlentosi ostalatea Ave	11. M Rugmar (4nt 11. M Diricilg Eserpulle Nibrze (ucn	OS Sallidon Loan 483 OR Tambo Driv	18 DAHEL ST Zot Brelins Elrol Renn
Mamadi & Company	Name and Surname	Given Nkosi	Lebogang Maripane	Comvelethy Mucemeni Atanne Noordo	Nicola Xhalabile	Signise Ngondo Lindokuhle Henge	FeltiDISUIA MANJAWA 18 DANEC ST MARANI N Sanuis, 202 Brecher Marani N Sanuis, 8/mer PREMIC



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nelisa Knumalo	Anelise Knumalo 150 Maarman greef EPwp	EPWP	0642198952	maillange 32 enumation 22 eguar	R
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#### PROJECT: PUBLIC PARTICIPATION MEETING FOR THE DEVELOPMENT OF INTEGRATED WASTE MANAGEMENT PLAN FOR BEAUFORT WEST LOCAL MUNICIPALITY Date: 04 March 2025

Time: 14H00

Venue: Murrysburg Town Hall

ltem No	Items	Responsibility
25	<ul> <li>OPENING AND WELCOME</li> <li>Ludwe Ngxateleni (LN), opened the by welcoming everyone</li> </ul>	LN
	who attended the meeting.	
26	<ul> <li>INTRODUCTIONS</li> <li>The meeting commenced and the officials introduced</li> </ul>	ALL
	themselves. See <b>Annexure A</b> (Attendance Register) for all	
	attendees.	
27	<ul> <li>ADOPTION OF THE AGENDA</li> <li>The agenda was adopted with no additions.</li> </ul>	ALL
28	<b>PURPOSE OF THE MEETING</b> Leon Crafford (LC) indicated that the purpose of the meeting was to present the Beaufort West Local Municipality's (BWLM) draft Integrated Waste Management Plan (IWMP) to the public and to also allow them to comment on the draft IWMP before it is finalised.	LC
29	<ul> <li>IWMP PRESENTATION</li> <li>Mamadi Given Nkosi (GN) presented on the following: for a detailed presentation find the presentation attached as Annexure B.</li> <li>Project Background</li> <li>Project Approach</li> <li>Project Plan</li> <li>Locality Map of the Municipality</li> <li>Waste Management Status Quo</li> <li>Gaps &amp; Needs Assessment</li> <li>Implementation Plan</li> <li>Public Participation</li> </ul>	GN





ltem No.	Items	Responsibility
30	<b>DISCUSSIONS</b> 30.1 There is a building at the refuse site, but it is not being used	All
	<ul> <li>for its purpose.</li> <li><b>Response:</b> The municipality is aware of the issue and will have to hire people and partner with recyclers so that the building meant to be a buyback centre can be utilised for its purpose.</li> <li>30.2 Refuse must be removed twice a week.</li> </ul>	
	<ul> <li>Response: The municipality must get an additional fleet to achieve this.</li> <li>30.3 There is a designated area used to dispose of garden waste, however, it's used for general waste, and carcasses are</li> </ul>	
	dumped there, and it's now difficult to remove the waste. It's also infested with rats.	
	30.4 <b>Response</b> : The community must follow law and order and only dispose waste that is designated for that place.	
	30.5 People dump waste into the river.	
	<ul><li><b>Response:</b> It is illegal to dispose waste anywhere expect in a designated area. Municipality will look into this issue.</li><li>30.6 There are lots of municipal workers, but they don't do the</li></ul>	
	work of collecting waste.	
	<b>Response</b> : People responsible for waste do lots of other work, like maintenance of sewage as such they are not always available for waste collection, this is why the municipality want to have additional staff.	
31	WAY FORWARD	GN
	Mamadi to update the information provided by the Municipality	
	and community in the IWMP report.	
	GN explained that Interested parties are to review and	
	comment on the draft IWMP at the designated points within 30	
	days.	
32	<ul><li>CLOSURE</li><li>LN adjourned the meeting.</li></ul>	LN

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MANAGEMENT PLAN FOR BEAUFORT WEST LOCAL MUNICIPALITY :: Tuesday, 04 March 2025	_	~	Email Given@mamadi.co.za	Lebohang@mamadi.co.za	1	\$	١	(eyer) 10 e graiter con	e MNtomwisiadheyour
STE MANAGEMENT PLAN F	ue: Murraysburg Town Hall Time: 14H00	ATTENDANCE REGISTER	Mobile		86246778	0744 SUITURE	Stell	0728932231 0844368574	066 489 3400
0	Venue: Murra Time	ATTENE	Organisation Mamadi and Company (Pty) Ltd	Mamadi and Company (Pty) Ltd					PAFE
PROJECT: DRAFT INTERGRATED WASTE			Physical Address Thandanani Office Park 16 Invicta Road	Midrand, 1658 Thandanani Office Park 16 Invicta Road Midrand, 1658	43 EN DURNHUE	16B6 esolistim	Meridad showing	36 Houchegn 15 BOESAR STR	473 87w
PROJECT: DR		Mamadi & Company	Name and Surname Given Nkosi	Lebogang Maripane	いし いいろう	ELLUIDO JULS	lest Actourty	HENDRIK ( u l'u) WILCE IN KEYSER	HIAYAANI NEWWEY BIN RUL



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PROJECT: DRAFT INTERGRATED WASTE MANAGEMENT PLAN FOR BEAUFORT WEST LOCAL MUNICIPALITY

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**Annexure B: IWMP Presentation** 

# **DRAFT IWMP REPORT PRESENTATION**

DEVELOPMENT OF MUNICIPAL INTEGRATED WASTE MANAGEMENT PLAN (IWMP) FOR CENTRAL KAROO DISTRICT MUNICIPALITY FOR A PERIOD OF 18 (EIGHTEEN) MONTHS

04 March 2025









# **Presentation Layout**

1	Project Background
2	Project Approach
3	Project Implementation Plan
4	Locality Map of CKDM Municipality
5	
	Public participation
Ó	Discussions
	Status Quo Report Summary Gaps and Needs Implementation Plan Public participation Discussions



Background

•Mamadi and Company (Pty) Ltd has been appointed by the Department of Forestry, Fisheries and the Environment (DFFE) to develop IWMPs for Central Karoo District Municipality with its Local Municipalities (LMs) for a period of 18 Months. (The focus of this presentation is Laingsburg.

• The IWMP is developed in line with Western Cape Environmental Affairs and Development Planning (Guide for Waste Management Planning) & DFFE guidelines for the developing IWMPs

• Strategic plans have been taken into consideration during the development of this IWMP, which includes the National Development Plan (NDP), Provincial IWMP, National Waste Management Strategy, Integrated Management Plan (IDP), Spatial Development Framework (SDF) & Sustainable Development Goals.



# 2. Project Approach

#### **Draft IWMP Presentation**

		The Process fol	lows through Seven pl	nases		
Planning & inception	Situational Analysis/Status Quo	Gaps & Needs Assessment	Desired End state	Evaluation of Alternatives	Implementation Plan/strategy	Final IWMP
<ul> <li>Project Inception Meeting.</li> <li>Finalising the project plan.</li> <li>Deliverables ✓ Project inception report</li> <li>✓ Detailed project plan</li> </ul>	<ul> <li>Evaluation of legislation &amp; demographics.</li> <li>Ground truthing.</li> <li>Mapping of Waste Management areas within the Municipalities.</li> <li>Deliverables ✓ Status quo report</li> </ul>	<ul> <li>Identifying of gaps within the municipal waste management processes.</li> <li>Deliverables ✓ Gaps and Needs Assessment report</li> </ul>	<ul> <li>Identifying priorities and goals that a municipality wishes to attain with regards to its waste management.</li> <li>Development of strategic goals</li> <li>Deliverables</li> <li>✓ Development of Strategic waste management goals to address the identified gaps at the municipality.</li> </ul>	<ul> <li>Approval of preferred scenarios.</li> <li>Development of Implementation plan.</li> <li><u>Deliverables</u></li> <li>✓ Evaluation of Alternative report</li> </ul>	<ul> <li>Partnerships</li> <li>Funding Mechanisms</li> <li>Legal aspects</li> <li>Monitoring &amp; review of the plan</li> <li>Amalgation of the reports</li> </ul> Deliverables ✓ Draft IWMP report	<ul> <li>A detailed report comprising of deliverables.</li> <li>Submission of the Final draft.</li> <li>Deliverables ✓ Final IWMP report</li> </ul>
	<ul> <li>Calls for expression</li> </ul>	database ement mmittee (PSC) meetings of Interested parties: Adverts WMPs for Comments (30 days	to be placed in a local news pap s) Mamadi & Company ISA			

						P	roject Acco	elerated P	lan									
💁 Mamadi & Company 🚥						Project P	lan for the D	evelopment	of DFFE IWN	1Ps 2023-202	4						forestry, f & the env Department Peretry, Fridaries REPUBLIC OF SC	isheries ironment and the Environment NTHARRCA
	Jun-28	Jul-28	Aug-28	3e p-23	O of-28	Nov-23	Dec-28	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	8ep-24	Oot-24	Nov-24
Phase 1: Project Planning and Inception																		
Phase 2: Status Quo /Situational Analysis																		
Phase 3 : Gap and Needs Assessment																		
Phase 4 : Desired End State																		
Phase 5 : Evaluation of Alternatives																		
Phase 6 : Implementation Plan / Strategy																		
Phase 7 : Public Participation																		
Phase 8: Submission Final IVMP																		



#### **CKDM Locality Map**

### 3. Locality Map

2012015/E 2013115/E 2014215/E 201305/E 21135/E 21135/E 21135/E 21135/E 21135/E 21145/5/E 22175/5/E 22115/E 22135/5/E 22135/5/E 2215/5/E 23105/E 231215/E 231215/E 231215/E 23143/5/E 23143/5/E 23145/E 24145/E 24145/E 24125/2

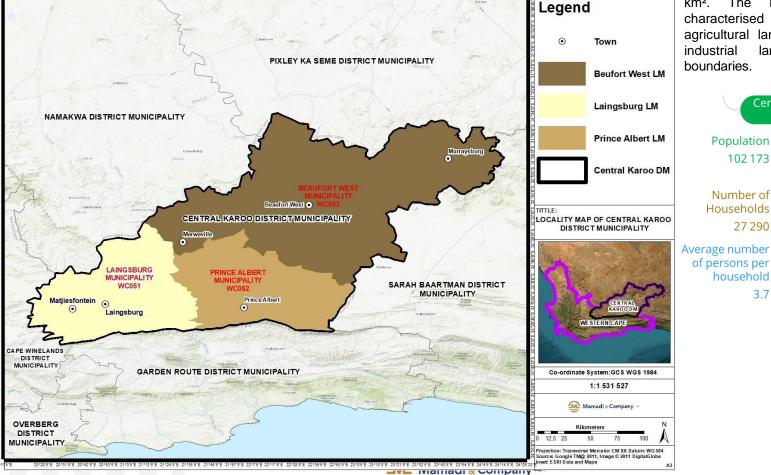
#### **Draft IWMP Presentation**

The CKDM covers a total area of 38 852 Municipality km². The is mainly characterised by residential and agricultural land. There are no major within land uses its boundaries.

Central Karoo District

3.7

Stats 2022



### Demographics

# 4. Status Quo Summary

#### Draft IWMP Presentation

Population Growth			
Municipality Total Population (Stats SA, 2022)	102 173		Municip
Population Growth Rate (%) (Stats SA, 2022)	3.99%		
Municipality Total Population (Stats SA, 2011)	71 011		
Averaged Population Growth rate (%) (Stats \$ 2011)	SA, 1.92		Laingsb
Demographic Profiles			Prince A
	Age		Beaufor
Young (0 – 14 years)	27.6%	28 200	Central
Middle Age/Working Age (15 – 64 years)	65.9%	67 332	ר ר
Old Age (65+ years)	6.5%	6 641	
	Gender		Income
Male	47,9%	48 955	
Female	52,1%	53 218	Low inc
	Education		Middle
No Schooling (20+ years)	5.2%	5 313	High in
Tertiary (20+ years)	6.7%	6 846	ר ר
Рорц	ulation Groups		
Black African	11.9%	12 150	
Coloured	80.7%	82 329	
Indian/Asian	0.3%	341	
White	5.6%	5 718	
Other	1.4%	1 427	

Municipality	Employment S	tatus Stats 2011	Employment S Economic Profile 2	tatus (Socio- 2022)
	Employment	Unemployment	Employment	Unemployment
Laingsburg	2935	638	2 704	2 707
Prince Albert	3513	844	3 448	6 006
Beaufort West	11012	3772	11 477	19 647
Central Karoo	17460	5254	17 748	28 887

Income Levels	Households	%
Low income (No income – R76 400)	21788	78.9
Middle income (R76 401 – R614 400)	5537	20
High income (R614 001 – R2 457 601 or more)	318	1

## Waste Collection

Municipalities	Total Number of Households (Stats SA 2022)	Serviced Households	Un-serviced Households	Number of Indigent Households	Serviced Indigent Households
Laingsburg	3 314	3 314	0	753	753
Prince Albert	4 760	47 60	0	1 117	1 177
Beaufort West	19 216	19 216	0	5 689	5 689
Central Karoo	27 290	27 290	0	7 559	7 619

	Waste Management	Fleet	
Municipalities	Different vehicles available for waste management	Model	Average breakdowns per months (days per month)
Laingsburg	Rear End Loader	Unknown	Monthly
	Tractors with trailer	Unknown	Monthly
Beaufort West	Nissan Diesel- Compactor Truck	2010	None
	Nissan UD- Compactor Truck	2016	None
	UD Truck- Compactor Truck	2022	None
	LDV Isuzu- Compactor Truck	2023	None
Prince Albert	Refuse Compactor Truck	2021	None
	Tonner LWB with Rails	2021	None
	Front End Loader with 4m <sup>3</sup> bucket capacity	2023	None



	00	1	0

### **Estimated Waste Quantities for a year**

Monthly House		%	People	Households	All persons by income group	Income group	SA SoER (kg/capita/d ay)	Daily Mass (kg/day)	Total tons per year	Waste density (kg/m <sup>3</sup> )	Volume (m³/day)
No income		7,5	7663	2071							
1,00	4 800	3	2708	732							
4801,00	9600,00	4,4	4445	1201	80614,50	LOW	0,41	33051,94	12063,96	330,00	100,16
9601,00	19600,00	21	21763	5882							
19601,00	38200,00	25	25083	6779							
38201,00	76400,00	18,6	18953	5122							
76401,00	153800,00	10	10473	2830							
153801,00	307600,00	6,8	6897	1864	20485,69	69 MIDDLE	0,74	15159,41	5533,18	330,00	45,94
307601,00	614400,00	3,1	3116	842							
614001,00	1228800,00	0,7	715	193							
1228801,00	2457600,00	0,4	358	97	1174,99	HIGHER	1,29	1515,74	553,24	330,00	4,59
245760	1,00	0,1	102	28							
						Total kg per	r day	49727,09			150,69
						Total kg per	r year	18150387,21	18150,39		55001,17
						Total tons p	er year	18150,39			



### Future Population & Households Projection

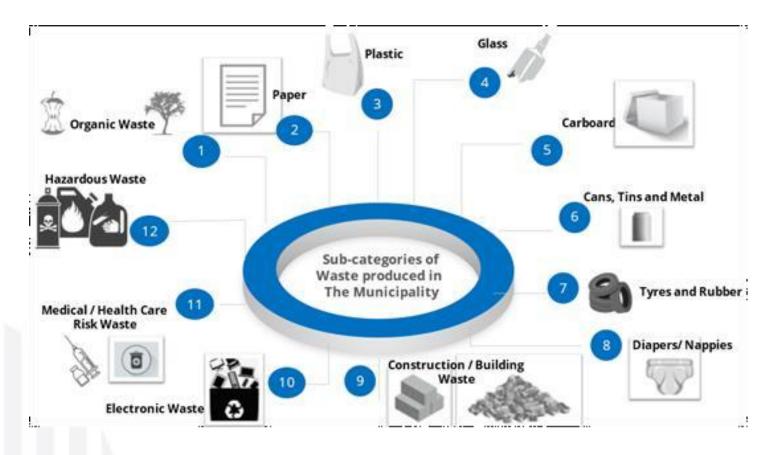
Population Projections

Municipality	Census (2022)	2032	2042	2052
Laingsburg	11 366	15 832	22 053	30 721
Prince Albert	17 836	24 558	33 814	46 558
Beaufort West	72 972	111 066	169 047	257 297
Central Karoo	102 173	151 095	223 443	330 433

Households Projections

			The HH increased by			
Municipality	Census (2011)	Census (2022)	in 10yrs	Estimated 2032	Estimated 2042	Estimated 2052
Laingsburg	2408	3314	906	4616	6430	8957
Prince Albert	3604	4760	1156	6636	9236	12865
Beaufort West	13088	19216	6128	29247	44516	67755
Central Karoo	19100	27290	8190	40499	60182	89577





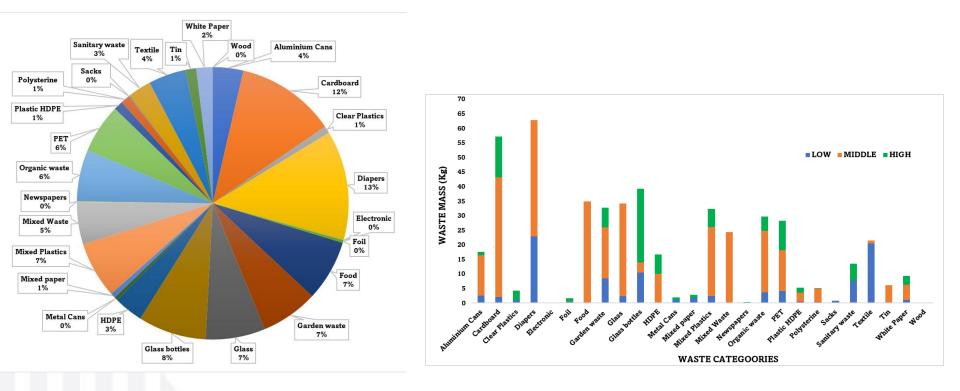


	LOW-INCOME CLASS								
Waste Stream	Mass (kg)	Annual M	Annual Ma	Percentage (%)					
Aluminium Cans	2,49	29,92	0,03	2,66					
Cardboard	2,08	24,96	0,02	2,22					
Clear Plastic	1,03	12,36	0,01	1,10					
Diapers	22,92	274,98	0,27	24,42					
Foil	0,47	5,58	0,01	0,50					
Garden Waste	8,38	100,54	0,10	8,93					
Glass	2,40	28,79	0,03	2,56					
Glass Bottles	10,44	125,32	0,13	11,13					
Metal cans	1,00	12,04	0,01	1,07					
Mixed Paper	1,84	22,02	0,02	1,96					
Mixed Plastic	2,36	28,28	0,03	2,51					
Organic Waste	3,68	44,10	0,04	3,92					
PET	4,07	48,78	0,05	4,33					
Plastic HDPE	0,51	6,06	0,01	0,54					
Polysterene	0,38	4,50	0,00	0,40					
Sacks	0,78	9,30	0,01	0,83					
Sanitary waste	7,51	90,07	0,09	8,00					
Textile	20,46	245,48	0,25	21,80					
White Paper	1,08	12,96	0,01	1,15					
Total	93,84	1126,03	1,13	100,00					

		LE-INCON		
Waste Stream	Mass (kg)	Annual Ma	Annual Mas	Percentage (%)
Aluminium Can	13,95	167,4	0,17	4,7
Cardboard	41,08	492,99	0,49	13,8
Clear Plastics	0,05	0,60	0,00	0,0
Diapers	39,90	478,74	0,48	13,4
Electronic	0,04	0,49	0,00	0,0
Foil	0,16	1,92	0,00	0,0
Food	34,97	419,64	0,42	11,8
Garden waste	17,56	210,72	0,21	5,9
Glass	31,85	382,20	0,38	10,7
Glass bottles	3,46	41,46	0,04	1,1
HDPE	10,09	121,08	0,12	3,4
Mixed Plastics	23,67	283,98	0,28	7,9
Mixed Waste	24,33	291,96	0,29	8,2
Organic waste	21,15	253,74	0,25	7,1
PET	14,03	168,30	0,17	4,7
Plastic HDPE	3,06	36,72	0,04	1,0
Polysterine	4,60	55,20	0,06	1,5
Textile	1,06	12,66	0,01	0,3
Tin	6,15	73,80	0,07	2,0
White Paper	5,19	62,28	0,06	1,7
Wood	0,05	0,54	0,00	0,0
Total	296,37	3556,42	3,56	10

HIGH-INCOME CLASS							
Waste Stream	Mass (kg)	Annual Ma	Annual Ma	Percentage (%)			
Aluminium Can	1,08	12,90	0,01	1,16			
Cardboard	13,99	167,82	0,17	15,14			
Clear Plastic	3,10	37,14	0,04	3,35			
Foil	0,99	11,88	0,01	1,07			
Garden Waste	6,86	82,26	0,08	7,42			
Glass Bottles	25,30	303,60	0,30	27,38			
HDPE	6,66	79,92	0,08	7,21			
Metal cans	1,00	12,00	0,01	1,08			
Mixed Paper	1,00	12,00	0,01	1,08			
Mixed Plastics	6,29	75,42	0,08	6,80			
Newspapers	0,31	3,72	0,00	0,34			
Organic waste	4,85	58,20	0,06	5,25			
PET	10,13	121,56	0,12	10,96			
Plastic HDPE	1,70	20,34	0,02	1,83			
Polysterine	0,08	0,96	0,00	0,09			
Sanitary waste	6,00	72,00	0,07	6,49			
White Paper	3,09	37,08	0,04	3,34			
Total	92,4	1108,8	1,1	100,0			







## Waste Recycling

Municipality	Recycling Companies	Registration Status	Operations Status	Recyclable Materials
Laingsburg	Saseko	Not yet registered	Operational	Plastic, Paper, bottles, metals
Beaufort West	Rallo's recycling	Not yet registered	Operational	Glass, paper, plastic, boxes, and E-waste
	Blyth Street Scrap Metal Recycler	Registered	Operational	Ferrous and Non- ferrous metals
	Boland Scrap Metal	Registered	Operational	Plastic, PET, Ferrous and Non- ferrous metals





### **Status of Waste Disposal Facilities**

Municipalities	Waste Disposal Facilities	Licensed	Access Control	Weighbridge	Life Span estimates	Waste Compaction	Ground Water Monitoring	Transfer Station
Laingsburg	Laingsburg	Yes	Gate & Security Control	No	Unknown	None	None	None
Beaufort West	Vaalkoppies	Yes	Gate & Security Control	Yes, but not in use	Unknown	None	None	Matjiesfontein Transfer Station
	Murraysburg	No	Gate	No	Unknown	None	None	None
	Merweville	Yes	Gate	No	Unknown	None	None	None
	Nelspoort	Yes	Gate	No	Unknown	None	None	None
Prince Albert	Leeu Gamka	Yes	No	No	3 years	None	None	Prince Albert Road Transfer Station
	Prince Albert	Yes	Gate	No	2 Years	None	None	None
	Klaarstroom	Yes	No	No	17 Years	None	None	None



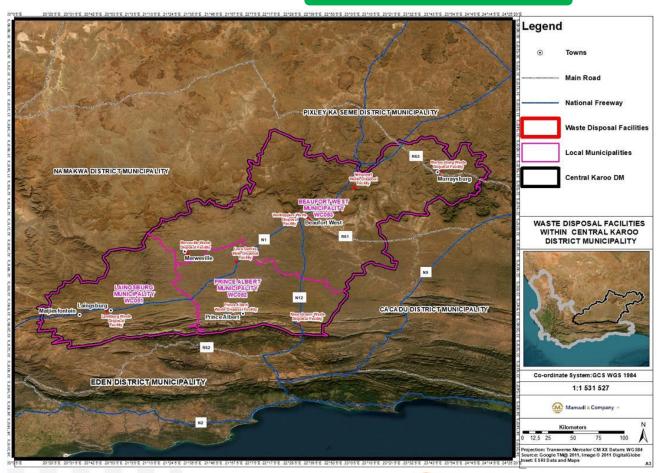
### Status of Waste Disposal Facilities





#### **Status of Waste Disposal Facilities**

### 4. Status Quo Summary Conti...





#### Waste Management Challenges/Non-Compliances

Based on observations and interviews conducted during ground truthing, the following challenges were noted at the disposal facility:

- No waste compaction in PAM;
- No cover material in PAM;
- Waste blown by the winds
- No ground water monitoring is conducted;
- There are no waste pickers at the landfill site except for Vaalkoppies;
- No weighbridges; except for Vaalkoppies.
- No access control except LM, and Vaalkoppies.
- Burning of waste
  - Refuse dumped outside site especially at Vaalkoppies



### **Organisational & Institutional matters**

4. Status Quo Summary Conti...

Municipality	Department Responsible for Waste Management	By-laws Status/Waste Policy	Waste Tariffs	Private Sector Involvement in waste Management	Designation of (WMO)	EMIS
LM	Technical Services	Model Integrated Waste Management By-Law, 2023 (Endorsed)	Yes	Recycling	Designated	None
PAM	Technical Services	Draft waste bylaws	Yes, but not implemented	None	Designated	None
BWM	Community Services	Waste Management By-laws on Draft state	No	No	Designated	None
CKDM	Section Municipal Health	N/A	No	No	Designated	1



Gaps and needs related to waste management in the CKDM have been identified in terms of each of the following waste management themes:

- Integrated Waste Management planning & Implementation
- Institutional Framework
- Regulatory framework
- Waste minimization, reuse and recycling
  - Capacity and Awareness
  - Municipal waste services



Tł	iemes	Gaps Identified	Resulting Need
1.	Integrated Waste Management planning	<ul> <li>Some Municipalities had outdated IWMPs, NEMWA requires the IWMP to be reviewed every 5 years.</li> <li>Municipalities must submit annual reports of the implementation of the IWMP in Section 46 of the Municipal MSA</li> <li>Waste Pickers are not integrated in Municipal waste management services in municipalities where they exist.</li> <li>Municipalities don't have waste minimisation plans.</li> </ul>	<ul> <li>All IWMPs must be reviewed and endorsed after five years, the endorsed IWMPs have to be incorporated into Municipal plans.</li> <li>Once the IWMP is finalised the Municipality must ensure that annual reports are prepared and submitted in line with the MSA.</li> <li>EIMs should be trained and designated to ensure waste management by-laws are implemented.</li> <li>The Municipality should develop a plan for waste pickers integration.</li> </ul>
2.	Institutional Framework	<ul> <li>Current organisational structures are not sufficient for adequate waste management.</li> <li>The Local Municipalities have not appointed WMO to carry out waste management functions despite the recommendation from the audit by the province to do so.</li> <li>Municipalities don't have EIMs to execute waste management by-laws.</li> </ul>	<ul> <li>Organisational structures need to be reviewed and appointment of waste management officials need to be made as per waste management audit recommendation made by the province.</li> <li>Appoint district WMO and EMIs to support Local Municipalities.</li> </ul>



Th	emes	Gaps Identified	Resulting Need
3.		<ul> <li>Gaps Identified</li> <li>PAM and LM bylaws are not gazetted.</li> <li>There is limited recycling taking place within CKDM and as a result, large volumes of recyclable material are disposed of within waste disposal facilities.</li> <li>Municipalities rely only on privately owned recycling initiatives, not much effort is given to waste minimization, reuse and recycling.</li> <li>Waste pickers at landfills often work without personal protective equipment (PPE). This exposes them to health and safety problems.</li> <li>The existing organic waste facilities are redundant.</li> </ul>	<ul> <li>Resulting Need</li> <li>Waste management By-Laws must be gazetted, and EMIs must be appointed to implement the By-Laws.</li> <li>The district should support waste recycling initiatives within Municipalities.</li> <li>Collaborate with Municipalities to come up with recycling initiatives in the in schools and communities, this can be done through competitions, education and awareness especially in business where large quantities of packaging recyclable material are generated.</li> <li>Support the formation of recycling initiatives in schools and communities at the local municipalities.</li> <li>Assist in the development of plans to integrate waste pickers into Municipal waste management services.</li> <li>Support the establishing and utilisation of the redundant organic waste facilities.</li> </ul>
			<ul> <li>Capacitate Municipalities to have their own recycling initiatives and facilitate the partnership between Municipalities and PRO's regarding collection of the</li> </ul>



Themes	Gaps Identified	Resulting Need
		<ul><li>recyclables within the district.</li><li>Support waste pickers at the waste disposal facilities by providing them with PPE.</li></ul>
5. Capacity and Awareness	<ul> <li>Limited waste management awareness conducted within Municipalities.</li> <li>Public understanding of ethical and sustainable waste management practices is low.</li> <li>Few partnerships with educational facilities such as schools.</li> </ul>	<ul> <li>Support the development of waste management programs that raise awareness. The program should prioritize recycling, composting, and combating unlawful dumping through education and awareness.</li> <li>Ensure the necessary human resource are available to support Municipalities.</li> <li>Have education and awareness programmes that target schools.</li> </ul>
6. Municipal waste services	<ul> <li>Waste collection services are not rendered in other areas falling within LMs jurisdiction particularly farms areas.</li> <li>Non-compliance of waste management facilities with conditions of WML, as per waste management audit conducted by the province.</li> <li>Inadequate budget allocation for waste management</li> </ul>	<ul> <li>Support Municipalities in the expansion of waste management services to areas not receiving waste collection.</li> <li>Collaborate with Municipalities in conducting internal audits and support with plans to close all non-compliances to ensure compliance with the conditions of the licences and the minimum requirement for waste disposal facilities.</li> <li>Encourage Municipalities to also prioritise waste</li> </ul>



Themes	Gaps Identified	Resulting Need
	<ul> <li>services in the Municipalities.</li> <li>Lack waste management infrastructure such as weighbridges, fences for disposal facilities, ground water monitoring networks.</li> <li>Indeaquate fleet for waste management.</li> <li>Illegal dumping occurs in some part of the District.</li> <li>No budget for waste projects such as IWMP reviewal, bylaw gazetting and education and awareness</li> <li>Lack/limited of knowledge on how hazardous waste are disposed</li> </ul>	<ul> <li>management by ensuring that financial and human resources are made available for the sustainable waste management services.</li> <li>Assist Municipalities in acquiring the yellow fleet, this can be achieved through MIG.</li> <li>Support with implementation of waste management By- Laws.</li> <li>Support the cleanups, education and awareness campaigns aimed at addressing illegal dumping across the district.</li> <li>Support the Municipalities in reviewing and allocating of budget for waste related activities.</li> <li>The District to collaborate with Municipalities to ensure proper disposal of both hazardous, this can be archived through education and awareness, monitoring hazardous and medical waste generators</li> </ul>



Objectives	Target	Key Performance Indicator	Responsible Department	Timeframes	Resources/ Cost Estimates
Increase waste collection services	Support the expansion of number of households receiving waste collection		LM & DM	1-3 years	None
	Support the development of buy back centres that are functional, where recyclables can be recovered.	Number of buy back centres created	LM & DM	1-3 years	None
Increased number of waste management fleet and develop fleet maintenance plan	11 1 3		LM & DM	1-3 years	None



GOAL 1: EFFECTIVE SOLID WASTE SERVICE DELIVERY									
Objectives	Target	Key	Performance	Responsible	Timeframes	Resources/	Cost		
		Indicator		Department		Estimates			
Reduce illegal dumps	Conduct cleaning	Number	of cleaning	LM, DM & Province.	0-1 years	None			
	campaigns and awareness	campaigns a	and awareness						
		conducted	as well as						
		reduced illeg	al dumps.						

Objectives	Target	Key Performance Indicator	Responsible Department	Timeframes	Resources/ Cost Estimates
Support the capacitation on waste Management.	Increase number of waste management personnel in LM		LM & DM.	1-3 years	. None
	Develop a waste management education awareness strategy for the district.		LM, DM & Province.	1-3 years	None



Promote awareness &	Support LM education and	Number of education &	LM, District & Province.	0-1 years	None
education on integrated	awareness programmes.	awareness programmes			
waste management.		attended.			
	Support LMs	Partnerships with schools.	LM, District & Province.	0-1 years	None
	collaborations with				
	education and training				
	institutions.				

GOAL 2: PROMOTE WASTE MINIMISATION AND RECYCLING.								
Objectives	Target	Key Performance Indicator	Responsible Department	Timeframes	Resources/ Cost Estimates			
Reduce waste disposal at landfill sites by promoting waste diversion through re-use, recycling & recovery.		Recycled tonnages within LM. Tonnages of waste disposed at landfill site	LM & DM	4-5 years	Human Resource			
	Support formalisation recycling initiatives & support existing recycling	Number of formalised recycling initiatives & support given to recycling	LM, DM & Province	1-3 year	None			



GOAL 2: PROMOTE WASTE M	INIMISATION AND RECYC	LING.			
Objectives	Target	Key Performance Indicator	Responsible Department	Timeframes	Resources/ Cost Estimates
	initiatives.	initiatives.			
	Support organic waste composting initiatives.	Number of partnerships with organic waste composting initiatives	LM, DM & Province	1-3 year	None
	Support the efforts by LMs to divert waste disposal of tyres from landfill by partnering waste tyre recyclers.		LM & DM.	1-3 year	None
	Initiate collaboration of LM for knowledge and skills transfers regarding hazardous waste recycling e.g., used oil, tyres, fluorescent tubes & electronic waste.	Collaboration of LM.	LM & DM.	1-3 year	None



GOAL 2: PROMOTE WASTE M	GOAL 2: PROMOTE WASTE MINIMISATION AND RECYCLING.							
Objectives	Target	Key Performance Indicator	Responsible Department	Timeframes	Resources/ Cost Estimates			
	Support waste reclaimers at the landfill sites though training and connecting them with relevant PROs	Support given to waste reclaimers.	LM & DM.	1-3 years	None			
	Form partnerships with all recyclers within the district.	Partnerships formed & volume of recycled materials.	LM & DM.	0-1 year	None			
Assess feasibility for industrial symbiosis implementation.	Undertake feasibility study for implementation of industrial symbiosis.	Feasibility report and implementation plan.	LM & DM.	1-3 years	Establish cost of feasibility study.			
Initiate programmes for separation of waste at source	Initiate at least five programmes for the separation of waste at source at each local municipality	Number of separations at source programmes initiated e.g., separation packaging materials at shops.	LM, DM & Province	1-3 years	None.			



GOAL 3: ENSURE SAFE AND INTEGRATED MANAGEMENT OF HAZARDOUS WASTE.								
Objectives	Target	Key Performance Indicator	Responsible Department	Timeframes	Resources/ Cost Estimates			
Identify hazardous waste producers & collectors in the district.	Develop a data base of hazardous waste producers such as funeral parlours, mechanics, filling stations, mines etc. Develop partnerships with hazardous waste collectors to ensure safe disposal.	Hazardous waste producers & collectors data base. Waste disposal certificates.	LM & DM	0-1 year	None			
Identify Health Care Risk Waste (HCRW) producers & collectors in the district.		HCRW producers & collectors data base. Waste disposal certificate.	LM & DM	0-1 year	None			



GOAL 4: IMPROVED WASTE N	GOAL 4: IMPROVED WASTE MANAGEMENT FACILITIES.								
Objectives	Target	Key Performance	Responsible	Timeframes	Resources/ Cost				
		Indicator	Department		Estimates				
Support sound management of	Conduct workshops on	Number of workshops	LM & DM	0-1 year	None				
landfill sites and waste	landfill sites operations and	conducted & partnerships							
management facilities to comply	facility management.	developed.							
with licensing standards.	Form partnerships and								
	encourage skills transfer								
	with well performing LMs.								
	Support LMs to secure	Newly developed landfill	LM & DM	1-3 year	None				
	funding for new landfill sites	sites.							
	development and	Closed and rehabilitated							
	construction of associated	landfill sites.							
	infrastructure such as								
	fences and weighbridges.								

Goal 5: : ENSURE SOUND BUDGETING FOR INTEGRATED WASTE MANAGEMENT.									
Objectives	Target	Key Performance	Responsible	Timeframes	Resources/ Cost				
		Indicator	Department		Estimates				
Sound budgeting .	Set aside enough budget to	Reviewed IWMP report	DM	4 year	Establish the cost of				
	review the district IWMP				IWMP.				
	every 5 years, along with								
	the IDP								

Goal 6: IMPROVE REGULATORY COMPLIANCE.										
Objectives	Target	Key Performance Indicator	Responsible Department	Timeframes	Resources/ Cost Estimates					
Strengthen compliance monitoring enforcement.	& Finalise and gazette waste management By-laws.	Number of gazetted waste management By-laws.	LM, DM & Province	0-1 years	Establish Cost Of Gazetting					
	Enforcement of waste management of By-laws.	Non- compliance notices issued.	LM & DM	1-3 years	Human resource (EMI)					
	Appoint EMIs and WMO.	Number of EMIs and WMOs appointed.	LM, DM & National.	1-3 years	The budget for personnel is					



GOAL 6: IMPROVE REGULATORY CO	GOAL 6: IMPROVE REGULATORY COMPLIANCE.								
Objectives	Target	Key Performance Indicator	Responsible Department	Timeframes	Resources/ Cost Estimates				
Ensure effective planning and implementation for integrated waste management	Finalise & endorse all municipal IWMPs.	Approved IWMP by the Municipal Council. Endorsement Letter from the MEC.	LM, DM & Province.	0-1 year	None .				
	Implementation of IWMPs by all municipalities.	IWMP Implementation reports.	LM, District & Province	4 years	None.				
	Review all Municipal IWMPs.	Number of Reviewed and IWMPs.	LM, DM & Province	Over 4 years	None				
	Support the development plans to roll out waste collection to the areas not receiving waste collection.		LM & DM.	1-3 years	None.				



## GOAL 7: IMPROVE WASTE INFORMATION MANAGEMENT.

Objectives	Target	Key Performance Indicator	Responsible Department	Timeframes	Resources/ Cost Estimates
Improve waste information reporting.	Support the registration of landfills and reporting of waste on IPWIS and Ensure that all waste information within the district are registered and reporting on IPWIS.	Records of waste uploaded on IPWIS and SAWIS.	LM & DM	0-1 year	None



#### NOTICE IN TERMS OF SECTION 11(4) OF THE NATIONAL ENVIRONMENTAL WASTE ACT, ACT NO. 59 OF 2008: DEVELOPMENT OF THE INTEGRATED WASTE MANAGEMENT PLAN FOR CENTRAL KAROO DISTRICT MUNICIPALITY.

Notice is hereby given in terms of Section 11(4) read with Section 73 of the National Environmental Management: Waste Act (Act No. 59 of 2008) as amended (NEM: WA), that Central Karoo District Municipality (CKDM) in the Western Cape Province is developing a 3rd Generation Integrated Waste Management Plan (IWMP).

Name of project: The Development IWMP for CKDM in the Western Cape Province.

**Project description:** The proposed project entails the development of a 3rd Generation IWMP for CKDM in terms of Section 11(4) of NEM: WA, which requires each municipality to submit its IWMP to the Member of Executive Council (MEC) for endorsement; and to include the approved IWMP in its Integrated Development Plan (IDP).

Project Location: CKDM is in the Western Cape Province.

Public meeting: The public is hereby notified and invited to attend the public meetings that will be held as follows:

Municipality	Date	Time & Venue	Availability of Report
Beaufort West LM	04/03/2025	08H00: Mandlenkosi Community Hall 14H00: Murraysburg Town Hall	Mandlenkosi Library Murraysburg Public Library
Laingsburg LM	05/03/2025	18H00: Laingsburg Flood Museum Auditorium	Laingsburg Flood Museum
Prince Albert LM	06/03/2025	10H00: Prince Albert, Sydwell Williams Centre 14H00: Klaarstroom Community Hall	Prince Albert Public Library

Mamadi and Company SA (Pty) Ltd (Mamadi) has been appointed by the Department of Forestry, Fisheries and the Environment (DFFE) as an independent Environmental Assessment Practitioner (EAP) responsible for the development of CKDM IWMP and the associated Public Participation Process (PP).

Availability of the Draft IWMP: The Draft IWMP will be available for public review for 30 days, commencing from 04/03/2025 to 03/04/2025 at the above-mentioned Libraries & Mamadi Consultants on request, at the contact details provided below.

Parties wishing to comment on the Draft IWMP are requested to forward their comments to Mamadi no later than 03/04/2025 at the contact details below:

Mamadi: Lebogang Maripane/Given Nkosi, Thandanani Office Park, Midrand, 1658 or Cell: 061 476 7868: or Email: Lebohang@mamadi.co.za / Given@mamadi.co.za







Public Review Draft IWMP to be placed at libraries









#### Author Mamadi & Company

#### Contact

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