

CENTRAL KAROO DISTRICT MUNICIPALITY

SECTION: MUNICIPAL HEALTH

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PROJECT PROPOSAL

ENVIRONMENTAL CLEANING PROJECT



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1. PROJECT DEFINITION

The project is named an “Environmental Cleaning Project”.

The project is modeled on sustainability and will focus on the cleaning of the environment in three (3) communities, namely Beaufort West, Prince Albert and Laingsburg. It will also aim to increase awareness in these communities for a safe and clean environment by using our youth to carry out a message through certain planned actions.

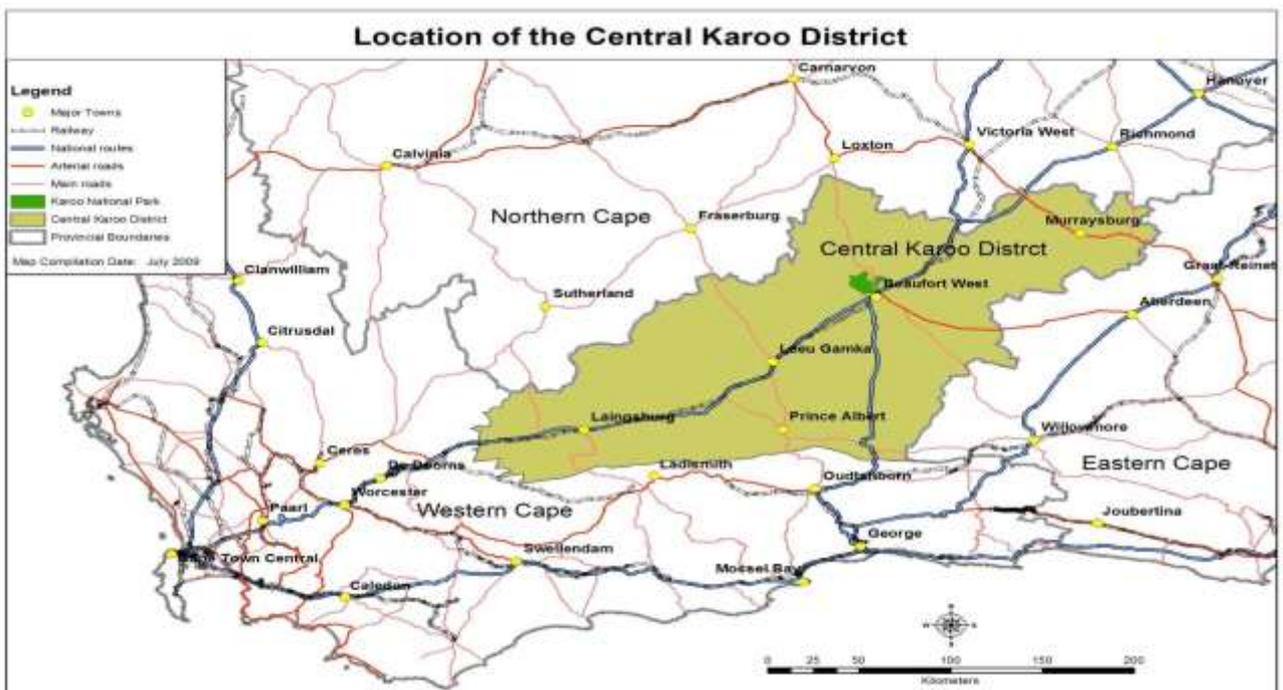
The project, which will be carried out in phases, it will commence in July 2022 and will be completed by the end of June 2023.

2. THE CENTRAL KAROO DISTRICT IN A GLANCE

The Central Karoo District is one of five districts in the Western Cape Province.

The district comprises of three (3) local municipalities, namely Beaufort West, Prince Albert and Laingsburg.

With a population of 71 011, the Central Karoo is the smallest district in the province. Area wise the district is the largest in the Western Cape province, covering a total of 38,885 square kilometers.



Map of Central Karoo District

The N1 national road runs through the Central Karoo District. This vital link bisects South Africa on a northeast-southwest axis, providing access to and between Limpopo Province, Gauteng, the Free State and the Western Cape. Within the Central Karoo District, it links the towns of Beaufort West, Leeu-Gamka, Laingsburg and Matjiesfontein.

The Central Karoo District's greatest assets are its people and natural environment. This unique environment must be protected from abuse and exploitation if the district is to remain a tourist attraction in years to come

3. PROJECT BACKGROUND

The Constitution, 1996 (Act 108 of 1996) guarantees everyone the right to an environment that is not harmful to people's health or well-being.

To ensure the health and safety of the whole population and to protect the constitutional right of every individual to such an environment, it is important that the Central Karoo District Municipality recognizes and effectively manages its unique asset, the environment.

The Central Karoo District Municipality is sanctioned by legislation to provide municipal health services within its area of jurisdiction and therefore needs to effectively promote a clean, safe and healthy environment, also by changing negative behavioural patterns towards health and the environment amongst our residents.

Residents are sometimes so caught up in their busy lives that they don't bother about getting stranded in the middle of good-for-nothing junk. Litter seems to be dumped everywhere in and around our communities which may cause many problems for people, animals and nature. Yet, we neglect the garbage and are swallowed by our busy schedules, leaving our environment unclean, forgotten and neglected.

When this negligence is shown by people residing in a particular area, environment pollution hassles creep into our surroundings. Dumped waste, such as household, garden and builders' rubble also cause a breeding ground for germs and pests and is littering one of the major causes of unsightly sources of land pollution in the Central Karoo district.

This indeed has turned out to be a matter of concern in our communities and do we definitely need to bring about a positive change before our environment turns out to be a mass of filthy junk.

Understanding the importance and effectiveness of cleaning our communities will allow our communities to fully appreciate the usefulness and the contributions they can make to their quality of life.

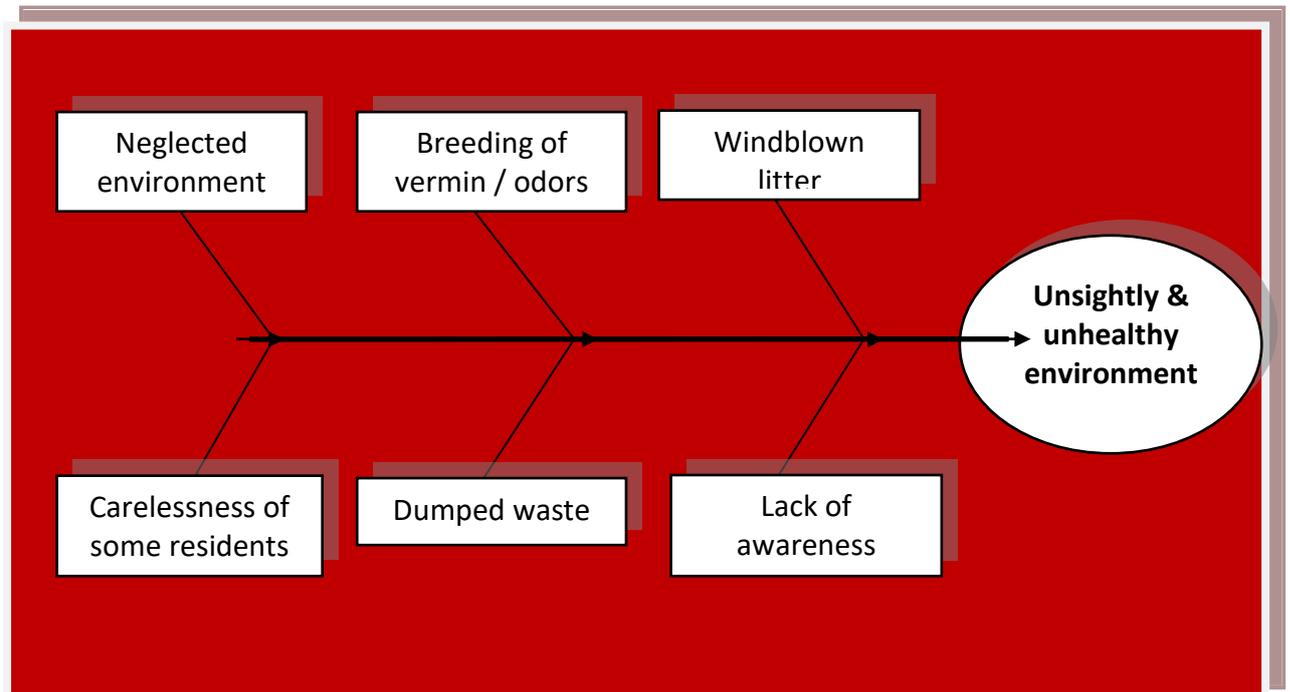
Environmental education also is not only about gaining knowledge of environmental issues - it goes deeper to the motivation behind our actions. Nurturing values, such as 'care', 'respect' and 'responsibility', are an equally important aspect of environmental education.

It is important that we all accept responsibility for the consequences of our actions and that we can make choices to reduce this impact. In this regard, local authorities also have an important role to play, representing the interest of the communities they serve.

The protection and enhancement of the Central Karoo district is the responsibility of all residents and visitors to our area. The Central Karoo District Municipality will promote this responsibility by launching this ***"Environmental Cleaning Project"***, while the community will also play an active and supportive role to ensure that our environment is protected for present and future generations.

4. FISHBONE ANALYSIS

The head of the fishbone indicates the problem in the communities whereas the symptoms of the problem are illustrated in the top of fishbone and the possible causes for the effect or problem at the bottom thereof.



5. COMMITMENT

The District Municipality seeks a good relationship between the municipality and its inhabitants, with a collective responsibility for the environment and is committed to the implementation of strategies and programs to fulfill this vision.

The following are some of the commitments of the District Municipality towards the development of the environment:

- A commitment to ensure the constitutional right of all inhabitants to a healthy environment;
- A commitment to the involvement of the general public in decision making;
- A commitment to promote environmental education and awareness programs; and,
- A commitment to open transparent and effective environmental governance.

6. PROJECT OBJECTIVES & KEY ISSUES TO BE ADDRESSED

6.1 Objectives:

The Central Karoo District Municipality recognizes the fact that the youth have an important role to play in decision making and community actions.

This project is modeled on sustainability and will amongst others focus on the cleaning of our communities. It also aims to increase awareness in communities for a safe and clean environment by using members of our youth to carry out a message, through the planned actions, for communities to:

- Acknowledge the existing environmental problems;
- Understand the links between the environment and their everyday actions;
- Understand and appreciate the environment and the opportunities that it creates;
- Recognize that the supply and maintenance of infrastructure can improve our living environments but can also cause environmental impacts; and,
- Give people the necessary skills to restore our environment; and,
- Provide a legacy of increased volunteering throughout the district.

6.2 Key issues to be addressed:

- Public awareness w.r.t. a clean, safe and healthy environment and the maintenance thereof;
- Environmental health survey / investigation w.r.t. aspects that are detrimental to the environment and / or people's health and well-being; and,
- Cleaning of the environment.

7. PROJECT BENEFITS

- Implementing the project would help the communities progress in different aspects;
- The project helps in solving the community's problem which is also a problem for the affected municipalities;
- Enhancing the public realm and cleaning the communities improves the immediate look and feel of communities, making it a more pleasant place for residents, businesses and visitors;
- The project will create a bigger awareness about the environment and sending a message to residents that we care about our environment / communities and that it's not a place to dump any unwanted items;

- It will encourage residents to take action to tackle the issue of litter in and around their communities;
- The project will ensure a cleaner, safer and healthier environment;
- It will get residents motivated to volunteer for a wide variety of reasons - Key motivators and benefits can include:
 - Wanting to make a difference;
 - Learning and developing new skills;
 - Meeting new people;
 - Making connections that can help in employment;
 - Increasing self-confidence;
 - Getting to know people in the community; and,
 - Being a part of something positive

8. PROJECT OUTPUT

This project entails environmental awareness through education and community participation as well as clean-up actions in order to promote / ensure a safe, clean and healthy environment for every resident and tourist to the Central Karoo District to live, work and play in.

Residents will take ownership of their communities, with the necessary skills to restore and secure a safe and healthy environment, also by understanding the links between the environment and their everyday actions. Residents will appreciate their environment.

9. PROJECT SCOPE

This project is modeled on sustainability and will focus on the cleaning of the environment in three (3) communities, namely Beaufort West, Prince Albert and Laingsburg. It will also aim to increase awareness in these communities for a safe and clean environment by using our youth to carry out a message through certain planned actions.

The project, which will be carried out in phases, will commence in July 2022 and be completed by the end of June 2023, if funding can be made available.

The Total project cost is R803 770.00

Actions / services that the project will deliver, as well as cost estimates, are as follow:

9.1 1st Phase - Public Awareness Campaigns (Cost estimate – R25 000.00)

- Community meetings informing residents of the objectives of the project and designation of Project Steering Committees (5 members per community);
- Compilation and distribution of general information in order to raise awareness w.r.t. the cleaning of the environment and other planned actions;

- Communities, businesses and factories are informed regarding the effects of their actions have on land pollution etc.
- Public exhibitions regarding the environment; and,
- 1st Progress Report - To provide feedback on the project's progression and how funds are being spent.

9.2 2nd Phase - Identifying unsightly areas / “hotspots detrimental to the environment and / or people’s health (Cost estimate – R254 750. 00)

- Identification & training of youth members in every community – Beaufort West 30; Laingsburg 10 and Prince Albert 10: Total 50
- Investigation / Survey identifying unsightly areas / “hotspots”;
- Ongoing public awareness campaigns regarding the environment;
- Reports to Steering Committees, Category B-Municipalities and Council regarding findings and way forward; and,
- 2nd Progress Report - To provide feedback on the project's progression and how funds are being spent.

9.3 3rd Phase - Clean-up & Awareness Campaigns (Cost estimate – R435 950. 00)

- The removal of litter in and around the relevant communities;
- The cleaning of sidewalks that are overgrown with grass and other undesirable vegetation;
- 3rd Progress Report - To provide feedback on the project's progression and how funds are being spent.

9.4 4th Phase – Project Closure (Cost estimate – R15 000.00)

- Meetings with affected municipalities, schools, communities & role-players regarding successes, challenges and way forward;
- 4th (Final) Report - To provide feedback on the project and how funds were spent;
- Storage of project documentation etc.

9.5 Risk minimization:

To ensure the safety of all involved, as well as the public, it is essential that risks are minimized.

All project members must be made aware of possible dangers associated with the project,
PPE will be provided when project activities are being carried out.

9.6 Training:

Training is essential for everyone involved in the project in order to develop new skills which they would not otherwise have the opportunity to learn elsewhere.

9.7 Project Evaluation:

Project monitoring and evaluation will be undertaken to allow project stakeholders to assess whether the aims of the project were achieved and to identify what can be improved on in future project activities.

10. SUSTAINABILITY CONSIDERATIONS

Sustainability can be defined as the ability of a project to maintain its operations, services and benefits during its projected life time.

In order to ensure the sustainability of the project, the following is of importance, namely:

- That constraints are consistently and effectively addressed;
- That the project and any future actions be supported by the communities and all relevant stakeholders;
- That communities take responsibility as well as own initiative to keep their communities clean on a continuous basis;
- That communities take a stand against the illegal dumping of waste;
- That local authorities support their communities in clean – up campaigns initiated by community members;
- That awareness campaigns on the importance of a clean environment within communities take place continuously and that communities are aware of the benefits of a clean and healthy environment;
- That effective management and adequate monitoring takes place to strengthen project sustainability - Sustainability monitoring will commence right from the start of implementation of the project

11. DEPENDENCIES

The success of the project will depend on the following:

- Provision of adequate funds for the execution of the project;

- The correct type, amount, and resources to perform project work;
- Buy-in of communities, volunteers and other relevant stakeholders;
- Procurement of resources (e.g., black bags) / Stakeholder responsibility (e.g., waste collection).

12. PREREQUISITES

- Adequate funds to meet project requirements;
- Community and stakeholder participation processes;
- Buy-in from communities and stakeholders;
- Appointment of Steering Committees;
- Appointment of members of youth to take part in the project;
- Effective communication strategy; and,
- Effective monitoring system(s) in place.

13. CONSTRAINTS

The following aspects can restrict or dictate the actions of the project team, namely:

- Political Dynamics / Political interference;
- Unrealistic expectations of project outcomes;
- Stakeholders' unrealistic expectations of the project schedule;
- Poor communication;
- Lack of buy-in from communities and / or other stakeholders; and,
- Weak or inadequate operation support.

14. IMPLEMENTATION / BUDGET PLAN

PHASE 1:

Action	Description	Timeframe	Affected Community	Responsibility	Expenses	Estimated Cost
PUBLIC AWARENESS	Community meetings informing residents of the objectives of the project and designation of Project Steering Committees (5 members per community)	1 July – 31 Aug. 2022	Beaufort West Prince Albert Laingsburg	Section: Municipal Health & Project Steering Committees)	Travel & Subsistence Educational material & equipment	R10 000.00
	Compilation and distribution of general information in order to raise awareness w.r.t. the cleaning of the environment and other planned actions					R15 000.00
	Public exhibitions					
	1 st Progress Report	By 30 Sept'22		Manager: Municipal Health		
Sub-Total: Estimated cost						R25 000.00

PHASE 2:

Action	Description	Timeframe	Affected Community	Responsibility	Expenses	Estimated Cost	
IDENTIFYING UNSIGHTLY AREAS / "HOTSPOTS" DETRIMENTAL TO THE ENVIRONMENT AND / OR PEOPLE'S HEALTH	Identification & training of youth members in Beaufort West (30); Prince Albert (10) & Laingsburg (10)	Oct'22	Beaufort West Prince Albert Laingsburg	Section: Municipal Health & Steering Committees	Material etc	R6 000.00	
	Investigation / Survey identifying unsightly areas / "hotspots"	7 Nov' – 9 Dec'22			Appointed Youth members in every community	Travel & Subsistence	R15 000.00
						Stipend of R187.00 p/day for 25 days	R233 750.00
	Public awareness campaigns	By 31 Jan'23		Manager: Municipal Health			
	Reports to Steering Committees, Category B-Municipalities and Council regarding findings and way forward						
2 nd Progress Report							
Sub-Total: Estimated cost						R254 750.00	

PHASE 3:

Action	Description	Timeframe	Affected Community	Responsibility	Expenses	Estimated Cost
CLEAN-UP CAMPAIGNS & PUBLIC AWARENESS	The removal of litter in and around every community	9 Jan – 28 Feb '23	Beaufort West Prince Albert Laingsburg	Section: Municipal Health & Steering Committees	Travel & Subsistence	R20 000.00
	The cleaning of all public play grounds / parks				Equipment, Protective Clothing	R70 000.00
					Public awareness campaigns	Stipend of R187.00 p/day for 37 days
	3 rd Progress Report	By 30 April '23		Manager: Municipal Health		
Sub-Total: Estimated cost						R435 950.00

PHASE 4:

Action	Description	Timeframe	Affected Community	Responsibility	Expenses	Estimated Cost
PROJECT CLOSURE	Meetings with affected municipalities, schools, communities & role-players regarding successes, challenges and the way forward	1 Apr – 30 Jun '23	Beaufort West Prince Albert Laingsburg	Section: Municipal Health Steering Committees Councillors representing the Communities	Travel & Subsistence	R15 000.00
	4 th (Final) Report	By 30 Jun '23		Manager: Municipal Health		
	Storage of project documentation etc.					
Sub-Total: Estimated cost						R 15 000.00

15. BUDGET SUMMARY

PHASE	ACTION PLAN	BUDGET
1	Public Awareness Campaigns	R 25 000.00
2	Identifying unsightly areas / “hotspots detrimental to the environment and / or people’s health & awareness raising	R254 750.00
3	Clean-up Campaigns & awareness raising	R435 950.00
4	Project Closure	R 15 000.00
SUB-TOTAL		R730 700.00
Other	Administration Fee: 10 % of total Project Budget	R73 070.00
TOTAL COST		R803 770.00

ANNEXURE 1

ENVIRONMENTAL CLEAN-UP SOP



BEFORE STARTING THE CLEAN-UP, THE ORGANIZER WILL ENSURE THAT ALL PARTICIPANTS...

- Have the correct Personal Protective Equipment (PPE) – e.g., thick gloves, hi-viz vest, sensible footwear, weather appropriate clothing etc.;
- Have the correct equipment – e.g., Litter grabbers, plastic bags, container for needles, etc. and know how to use the equipment;
- Know the work area and how to report incidents or hazardous or unidentified waste, where to get first aid, meet on completion, deposit bags of waste and mark bags containing sharp material e.g., broken glass.

As the organizer of this project, we will ensure that all participants know the risks and understand the control measures before clearing any litter.

A form (**Annexure 2: Safety do's & don'ts**) will also be completed by each participant before the start of the project.

The organizers will also check that all participants know what equipment they must use and what area they may clean up.

ON COMPLETION OF THE LITTER PICK THE ORGANIZER(S) WILL ENSURE:

- Everyone washes their hands thoroughly as soon as possible after the litter pick and before taking any food or drink;
- Any wounds are redressed after cleaning and disinfecting if there has been any contact with water;
- Participants carry out a personal inspection for cuts etc.;
- That the area covered is inspected to see if there is any hazardous material still present. If so record for reporting to the Municipality;
- All participants have reported back and all equipment is collected back in;
- All rubbish for collection has been left in the arranged pick up site;
- Any bags containing sharp material, eg broken glass, have been marked using a spray can.

ANNEXURE 2

SAFETY DO'S & DON'TS – TO BE SIGNED BY LITTER PICKERS



SAFETY DO'S & DON'TS:

Organiser: **Contact nr.**

- **DO NOT** try to pick up anything that looks heavy or hard to lift. If you see such items, please contact the Supervisor who will arrange removal;
- **DO NOT** pick up any syringes or needles. If you see such items, please contact the Supervisor who will arrange removal;
- **DO NOT** pick up any broken or smashed glass. If you see such items, please contact the Supervisor who will arrange removal;
- **DO NOT** enter private land or remove rubbish from private land;
- **DO NOT** use behaviour that could be viewed by others as aggressive or rude when carrying out your duties;
- **DO NOT** work close to steep slopes;
- **DO NOT** reach into ditches to remove litter; and,
- **DO NOT** attempt to litter pick an area, where works are restricted, are already taking place (for example road works) or where the public do not have a right to entry.
- **DO** wear protective gloves supplied by the Organiser. If you need more, please let him / her know;
- **DO** wear your high visibility jacket provided at all times whilst undertaking litter picking;
- **DO** wear appropriate clothes/footwear;
- **DO** use litter picking tools provided;
- **DO** wash your hands after litter picking;
- **DO** report any injuries or accidents to the Organiser;
- **DO** chat with residents and inform them about what you are trying to achieve; and,
- **DO** encourage other residents to take an active role in the area.

I **(Print name)** have read the above "Safety Do's and Don'ts" and will work within the given rules

Signed

Date