

Presented by:

Mrs Sheilla Mundondo +263 773 852 807 skmundondo@gmail.com



# CHAPTER

Introduction

# NEED FOR A MASTERPLAN

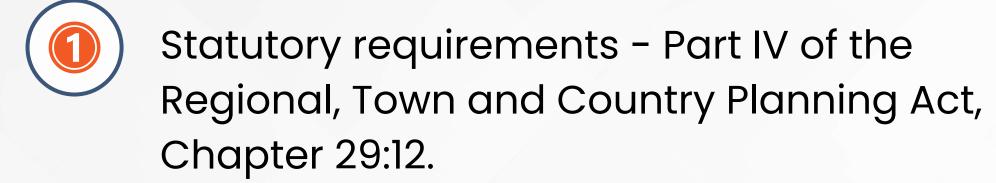
#### A Master Plan is:

The highest level statutory document prepared for use in directing, controlling and promoting sound and rational development and redevelopment of an area, with a view to achieving maximum economic, social and aesthetic benefits.

#### Other plans are:

- Local development plans
- Local subject plans
- Layout plans

## WHAT LED TO THE PREPARATION OF THE MASTER PLAN?



Call to Action - by the President of Zimbabwe.

Sustainable development goal- need to create sustainable cities.



### **COMPONENTS OF A MASTER PLAN**

#### 1.Report of Study

#### The RoS consists of:

- Report of Study write up
- Provisions of the Harare Combination
   Master Plan and Chitungwiza Seke
   Concept Plan
- Identifies potential for development

#### 2. Written Statement

The Written Statement is presented as a written document accompanied by maps and diagrams showing the selected land use zones and direction of growth for the area.

The map also identifies areas with potential for investment, areas for environmental preservation, proposal on provision of social and physical infrastructure.

# JUSTIFICATION FOR THE MASTER PLAN

#### 1.Challenges of per-urban development:

- Rapid, unplanned, ad-hoc, and incremental development on the peri-urban of Chitungwiza, and Harare.
- Illegal sale of state land by unauthorized people.
- There is rampant subdivision of communal land by both the traditional leadership and individuals giving rise to the "gara wadya" phenomenon.
- Development on ecologically sensitive areas.
- Revenue leakages.

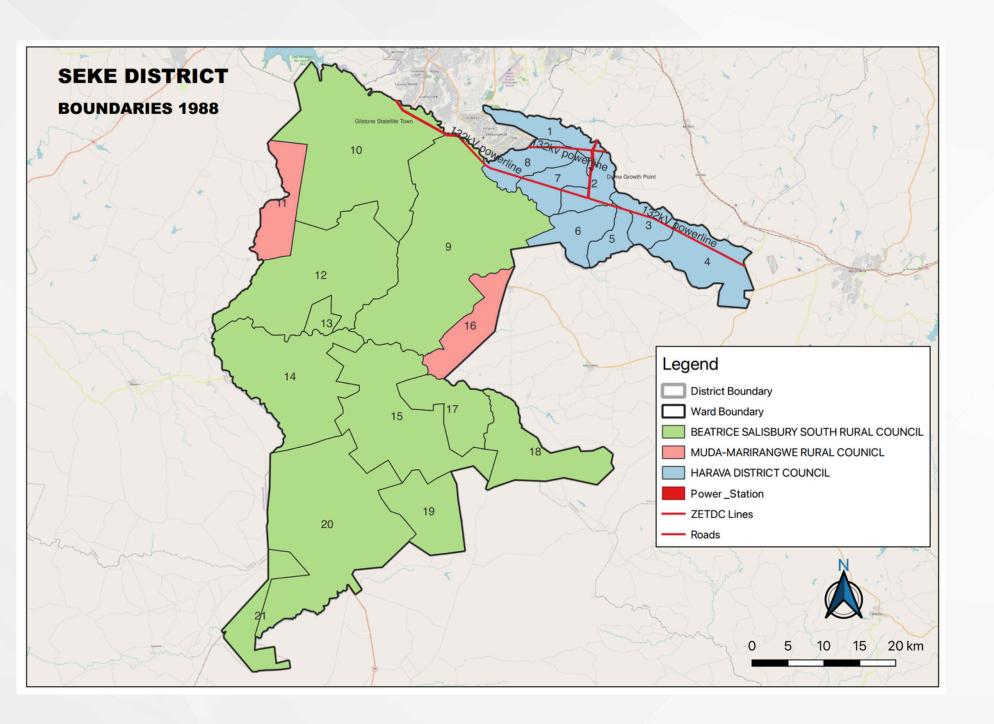
# JUSTIFICATION FOR THE MASTER PLAN

- 2. Inadequate provision of infrastructure.
- 3. Administrative problems.
- 4. Village boundary disputes.
- 5. Rural industrialisation.

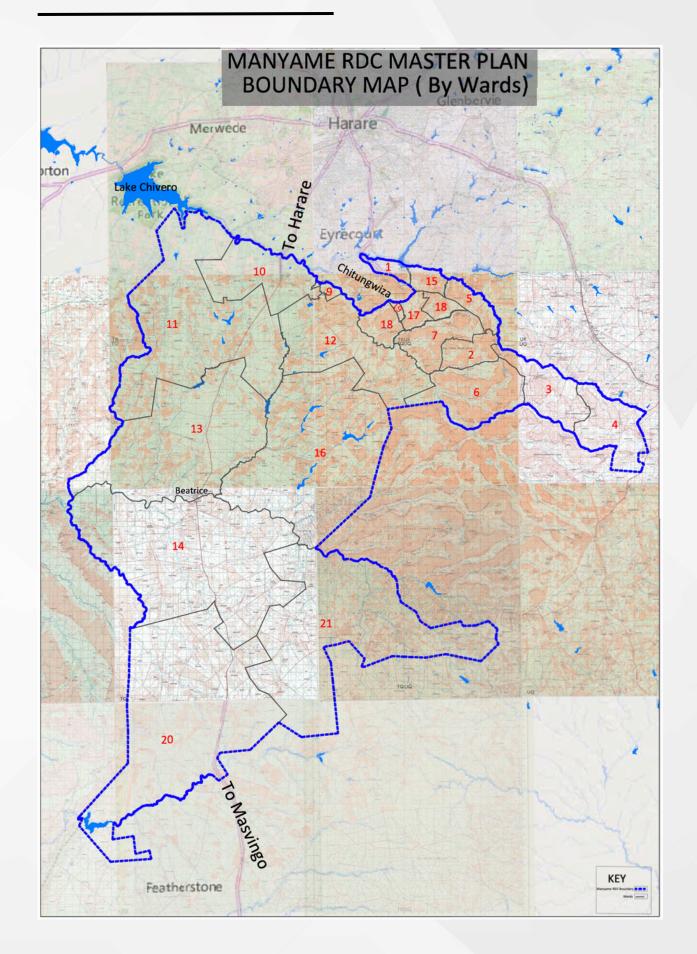
# PROFILE OF SEKE DISTRICT

## MASHONALAND EAST PROVINCE SEKE DISTRICT Mudzi Mutoko Goromonzi Murehwa SEKE Marondera Wedza Chikomba

## SEKE DISTRICT OLD BOUNDARY



## SEKE DISTRICT NEW WARDS



## SEKE DISTRICT SUMMARY OF ISSUES

- Absence of a statutory, legally binding guiding spatial development framework.
- The district is experiencing rapid migration, resulting in densification both in the urban areas and the farming areas.
- Rapidly growing populations in Harare and Chitungwiza resulting in high demand for housing.
   This has resulted in urban sprawl with a spillover of development into Seke.
- Illegal selling of land by some traditional leaders resulting in settlements that do not have the necessary infrastructure

- Illegal subdivision in communal areas
- Gilston and Beatrice concept plans.
- Need to promote rural industrialisation
- Potential for tourism
- Promotion of agriculture

# CHAPTER 2

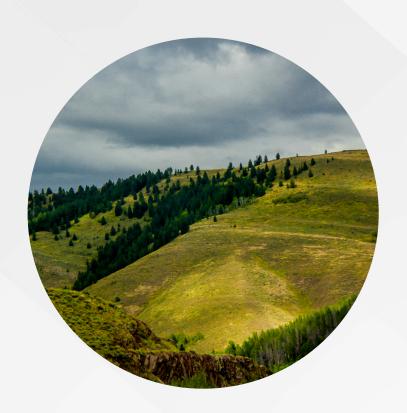
**Environment and Natural Resources** 

# THE ENVIRONMENT AND NATURAL RESOURCES

In order to attain a sustainable settlement status, there is need to look at 3 aspects of a settlement:

- need for urban development
- need environmental protection
- need for agricultural and mining activities





#### **TOPOGRAPHY**

- 1. Seke district lies in the Highveld with an altitude above 1200 m and is generally flat with rock outcrops and hills dotted here and there.
- 2. Drain is dendritic along the Manyame and Mupfure Rivers
- 3. Three major dams, Harava Dam, Prince Edward Dam, and Mamina Dam

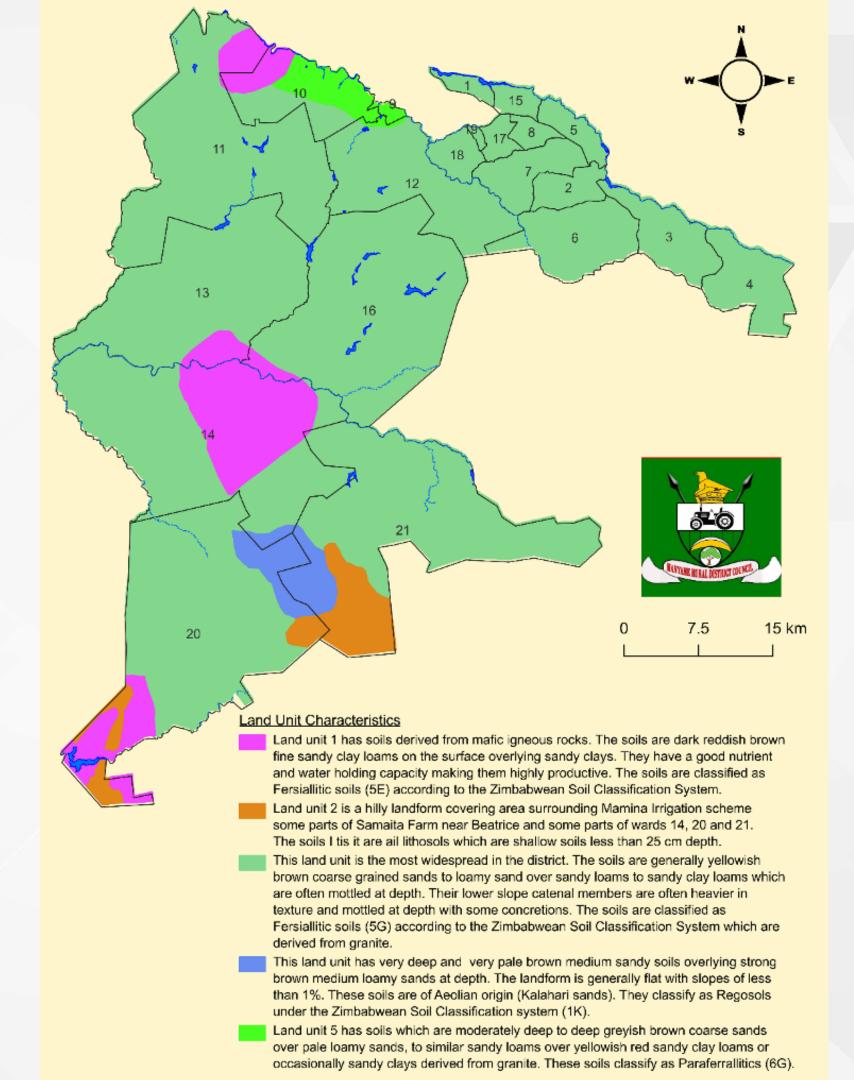


#### **CLIMATE**

1.District is located in Natural Region II, in the middle of the north of the country.

2. Relatively high precipitation at 750 to 1000 mm/year, rainfall ranges from 750 to 1000 mm/year

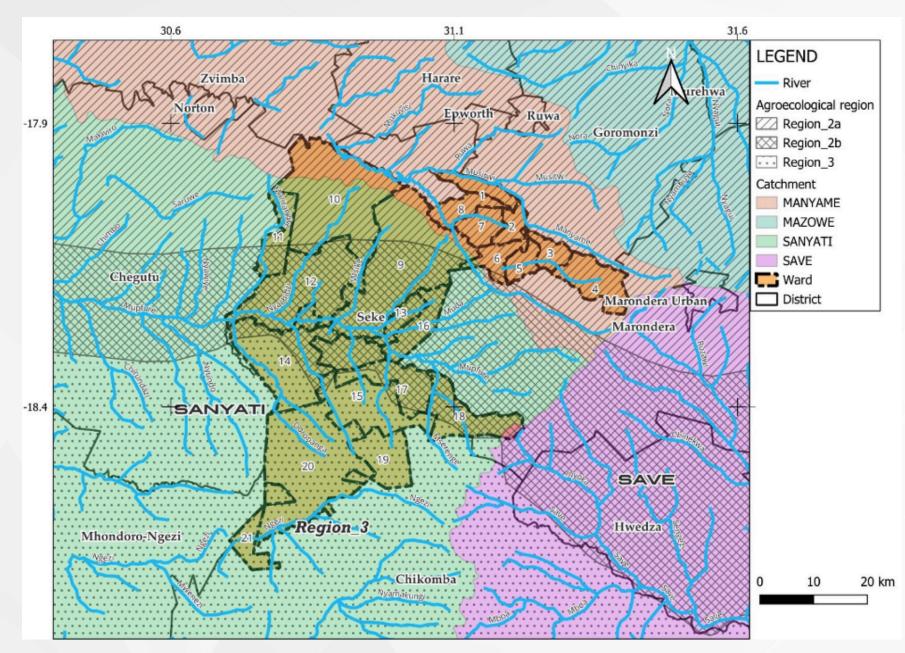
## GEOLOGY AND SOILS



### HYDROGEOLOGY

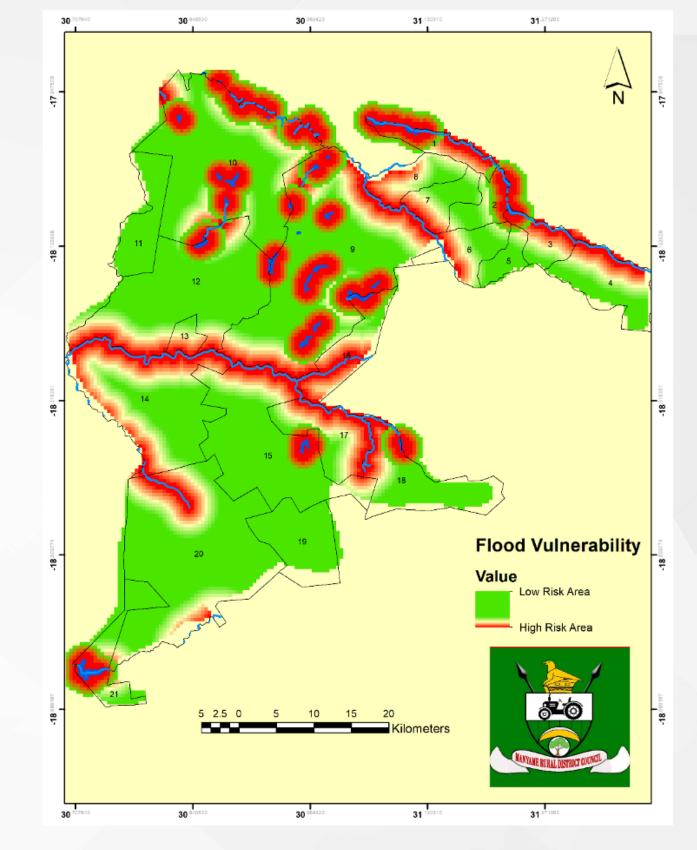
- Geological formations found in the district include the granitoid group (intrusive felsic igneous) of rocks (granites and gneisses of various ages).
- The upper catchment and parts of the mid-catchment have numerous dambos occurring within them.
- In communal areas, dambos have been subjected to heavy pressure from humans and livestock, and have been overgrazed, cropped and trampled.

### **HYDROLOGY**



Map showing distribution of catchments and river systems in Seke District.

1. The district is set within the Upper Manyame and Sanyati catchment area.



- 1. Flooding vulnerability
- 2. The district is prone to flooding especially during the rainy season.
- 3. Illegal developments are not observing the set buffer zones around water bodies.

### WATER QUALITY

- District has no major industrial activity that generates wastewater.
- Their assessment analysed for COD, BOD, heavy metal, total phosphorus and total nitrogen on the surface.



# IMPACT OF HUMAN ACTIVITIES ON THE ENVIRONMENT

- Unplanned and illegal urban expansion has led to environmental degradation and loss of biodiversity.
- Solid waste management challenges as there are no developed facilities.



### **WASTE WATER MANAGEMENT**

- This is an issue in the peri urban areas where blair toilets are being used on smaller stands
- Pollution of underground water because of inappropriate location of blair toilets.

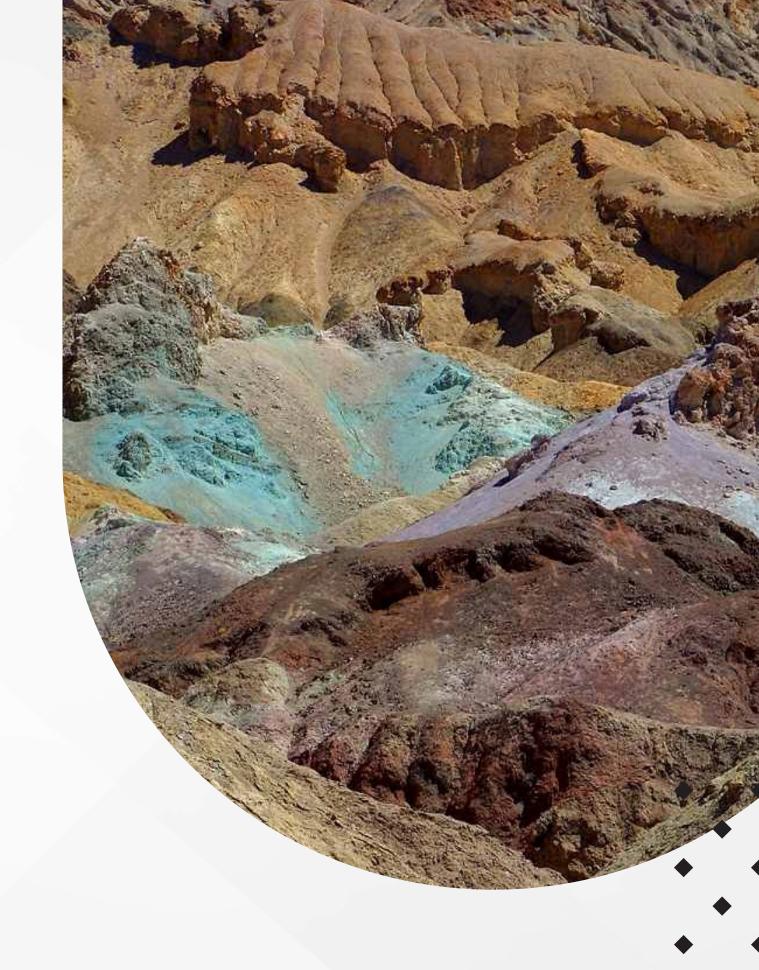


### MINING

The district in endowed with some natural resources which includes minerals.

#### Common minerals are:

- gold
- lithium
- iron ore



### ILLEGAL SAND ABSTRACTION

#### Issues arising are:

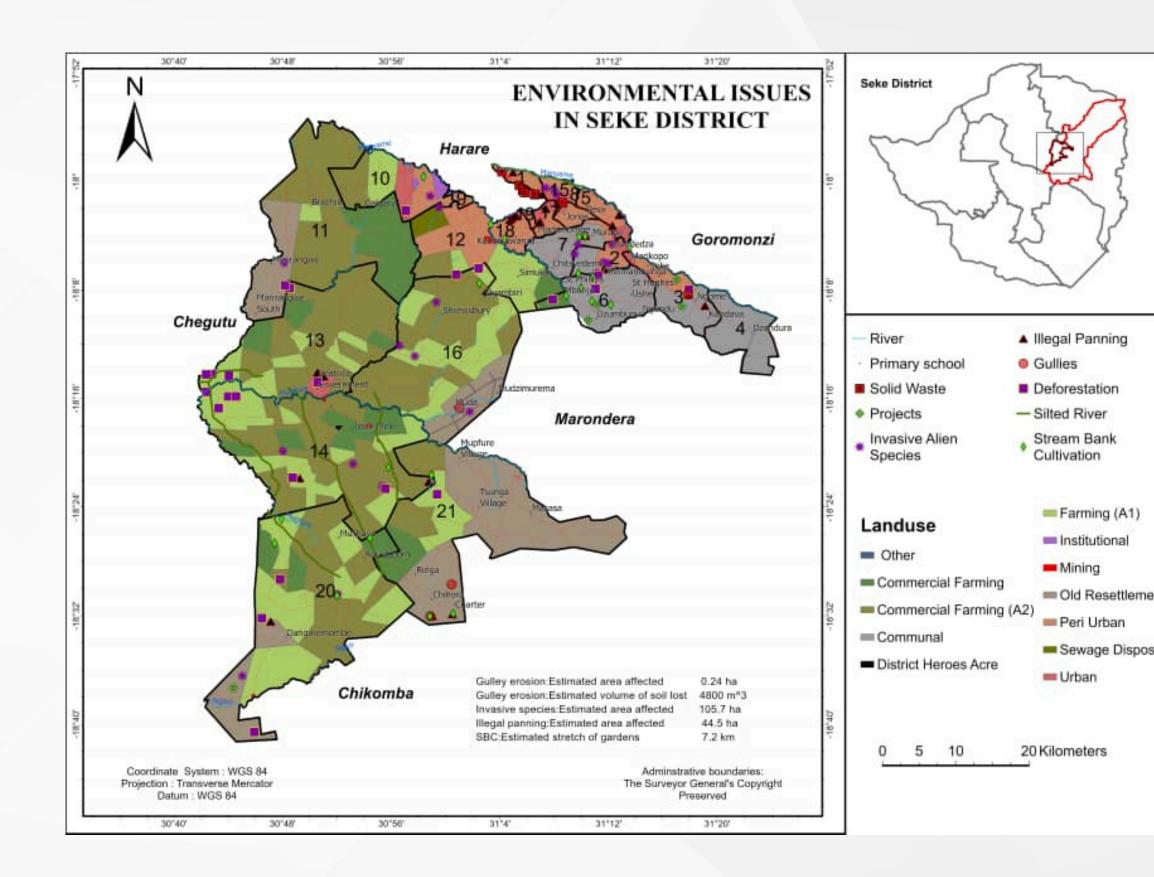
- Environmental degradation
- Unreclaimed barrow pits
- Lack of reclamation procedures after the mine closes
- Danger of drowning for both people and animals

### NATURAL CULTURAL HERITAGE SITES

- The district is endowed with natural heritage sites.
- These include the Chaminuka and Ngombe Shrines, Chinyahara Hills.

## CHAPTER 2 SUMMARY OF ISSUES

- **1.** There are some sites of national interest.
- 2. The water resources in the district have potential to be developed for tourism purposes.
- **3.** The full potential of tourism has not yet been exploited.



# CHAPTER 3

**District Economy** 

# WHAT IS DISTRICT LOCAL ECONOMY

- It refers to the economic and social systems that are peculiar to the local community, in this case Seke District.
- There is need to strengthen the local economic capacity of the district, improve the investment climate, and increase the productivity and competitiveness of local businesses, entrepreneurs and workers
- The main economic activities in the district are:
  - Agriculture
  - Mining
  - Tourism
  - Formal employment
- Understanding the intricacies of our local economy will help us to think and act strategically
- Taking advantage of the local advantages in the changing and increasingly competitive market economy.

# SEKE DISTRICT LOCATIONAL ADVANTAGES

- 1. Close proximity to Harare and Chitungwiza, therefore experiences spill over benefits.
- 2. Located on two highways-Harare-Masvingo and Harare-Wedza Road.
- 3. Rich agricultural land.
- 4. Presence of dams that can be further developed to higher capacity.

#### **Water Sources**

Ward	Major dams in the ward	Major use			
	Harava	Gardening, livestock, household use			
1	Seke dam	Gardening, livestock, household use, Fishing			
2	Charumbira dam	Gardening, livestock, household use			
	Dema dam 1	Gardening, livestock, household use			
3	Dema dam 2	Gardening, livestock, household use			
5	Nyarushezhe spring	Gardening, livestock, household use			
7	Nyatsime river pool	Gardening, livestock, household use			
8	Nyatsime weir	Gardening, livestock, household use			
	Nhuku	Irrigation, livestock,			
	Aucksnest,	Irrigation, livestock, fishing			
	Nyambiri,	Irrigation, livestock,			
	Dunolly,	Irrigation, livestock,			
	Rusimbiro,	Irrigation, livestock,			
	Shrewsberry, Glen Avon,	Irrigation, livestock,			
	Durnby,	Irrigation, livestock,			
	Herne,	Irrigation, livestock,			
9	Bolton, Chester,	Irrigation, livestock, Irrigation, livestock,			
	Masuka,	Irrigation, livestock,			
	Chinungu,	Irrigation, livestock,			
	Kildonan	Irrigation, livestock,			
	Tchinungu	Irrigation, livestock,			

#### **Water Sources**

Major dams in the ward	Major use
	Irrigation, livestock,
	Irrigation, livestock,
Lanack / Adino 1&2,	Irrigation, livestock,
Mashonda,	Irrigation, livestock,
Canterbury,	Irrigation, livestock,
Chivero dam,	Irrigation, livestock, fishing
Unadale,	Irrigation, livestock,
Greenwood dam,	Irrigation, livestock,
Elaton,	Irrigation, livestock,
lutherie ( <u>datmotre</u> )	Irrigation, livestock,
Mas kirk (3 dams),	Irrigation, livestock,
Cavan	Irrigation, livestock,
Samaita,	Irrigation, livestock,
	Lanack / Adino 1&2,  Mashonda,  Canterbury,  Chivero dam,  Unadale,  Greenwood dam,  Elaton,  lutherie ( datmotre)  Mas kirk (3 dams),  Cavan

# SEKE DISTRICT OTHER ADVANTAGES



High literacy levels



Hard working population

The main economic activities in the district are:

- Agriculture
- Mining
- Tourism
- Formal employment

### AGRICULTURE

#### **Agricultural Profile**

- Agriculture plays a pivotal role in the food supply chain as well as adding economicvalue by creating employment, providing livelihoods, and ensuring food security.
- The district economy in anchored in agriculture, contributing about 65% of the district GDP, employing about 75% of the total workforce in the district
- Decent rainfall within agro ecological region 2b and 3
- Rich red and sandy type of soils that are good for cropping.



### LAND TENURE IN SEKE

	Type of	Documentation
	Tenure	
Urban	Private, State	Deeds and Lease
Peri-Urban	Private, State	Deeds, Lease, and Communal land Permits
Communal	State	Communal land Permits
A1 farms	State	Offer letters and Land Permits
A2 farms	State	Offer letters, leases, and Land Permits
Commercial	Private and	Deeds, lease, offer letter, and Land permits
Farms	State	
Old	State	Offer letters and lease
resettlements		
African	Private	Deeds
Purchase		
BIPA	State	Deeds and MOU/MOA
	Peri-Urban  Communal  A1 farms  A2 farms  Commercial Farms  Old resettlements  African Purchase	Peri-Urban Private, State  Communal State  A1 farms State  A2 farms State  Commercial Private and State  Old State  Old State  African Private  Purchase

### LAND DISTRIBUTION BY FARMING SECTOR ONLY-EXCLUDING COMMUNAL AND OTHER USES

Sector	Commercial	Old Resettlement	A1	Small scale Farming reasA	A2 and peri -urban	Totals
	and Farming					
Arable (ha)	23 189	24 731.28	38 873.52	7 530.39	38 521	132 845.19
Grazing (ha)	13 619	14 524.72	22 830.48	4 422.61	22 626	78 022.81
Totals (ha)	36 808	39 256	61 704.00	11 953.00	61 147	210 868.00

### **COMMERCIAL FARMING**

- Commercial farms are generally characterised by:
  - large farms
  - developed irrigation capacity
  - high capital investment
  - o most farmers employ are farm manager
- Most farmers grow crops like maize, tobacco, potatoes and wheat.



### FARMING IN COMMUNAL AREAS

- Communal areas are those areas have remained predominantly rural in character, in terms economic activities carried out, type of dwelling units and general lack of reticulated infrastructure like water and sewerage.
- However the communal areas of Seke are unique in terms of the economic activities that are carried out.
- Residents are employing intensive agricultural production on their properties.



- Reliance on rain fed agriculture negatively affect agricultural yield
- Irrigation plays a critical role in Commercial farming
- There is a table showing irrigation schems in the district



### CROP MARKETS IN SEKE DISTRICT

Market	ward	source of commodity	availability	Commodity
Guzha- Ward 1	1			horticulture, cereals, oils seeds
West Minister ward	19			horticulture
Dema	2			horticulture,
Beatrice	13			horticulture,
Alicedale	15			Horticulture
Marirangwe Dairy association.	11			Milk

Source: MRDC

## **CROP MARKET CHALLENGES**

- Unaffordable transport and input costs.
- Fluctuations in commodity market prices caused by middleman
- Unavailability of local markets for commodities and inputs need to increase more markets for produce

- Lack of commodity market information leading to poor prices as they out compete each other
- No GMB depot in the district so there is need for a GMB depot within the district to reduce transport costs
- Unreliable and delayed payments by GMB

## LIVESTOCK FARMING

- Most farmers engage in cattle rearing at different levels of production.
- Increased cattle production 37 935 to 42 067 from 2016 to 2021 despite mortalities dues to disease outbreaks
- Number of goats has increased as well by more than double from 10 372 in 2016 to 24 397 in 2021.
- The number of sheep has also increased from 2907 in 2016 to 5 334 in 2021.
- The number of indigenous chickens went down from 156 365 to 108 696 in 2021 due to increased broiler production



## LIVESTOCK CHALLENGES

- Threat of disease
- Most common diseases in 2016 were:
  - Tick borne
  - Black leg
  - Round worm
  - Tape Worm
  - Liver Fluke
- Heart water disease and Theileriosis are the most common disease in the district, followed by Lumpy skin and Newcastle respectively

## LIVESTOCK MARKETS

#### Live sales pens

Ward	Sale Pens		
	Functional	Dysfunctional	
3		Chakahwata	
10		Marirangwe	
10		Golf Club	
13	Beatrice Rural council- for stray livestock		
16		Landos	
16		Muda	
17		Tsunga	

- There are currently no sale pens in the district except the Manyame Rural District council pen for stray livestock.
- As a result, farmers are resorting to abattoirs in: Ziko and Dema. (Kandava and Beatrice are still under construction). Some go afar field as Mt Hampden, Koala abattoir, Harare and Chitungwiza Urban.

## CHALLENGES IN LIVESTOCK PRODUCTION

- Tick borne diseases such as Theileriosis caused by inadequate dipping in some areas.
- Inadequate water for livestock in the dry season.
- Uncontrolled veld fires destroying grazing lands and stover
- High cost of supplementary feeds. Livestock farmers to be educated on supplementary feed formulations and production.

- Shortage of maize for stock feed. Farmers to be encouraged to plant and reserve maize for stock feed.
- Inadequate grazing land in communal areas.
   Farmers to keep cattle within grazing capacities of their lands.

## PROPOSED AGRO-INDUSTRIAL CITY

#### LOKMAT

## Technology from Nashik to Africa



Indian agri-tech helping Africa build long term sustainable best practices in agriculture

LOKMAT NEWS NETWORK NASHIK, MAR 20

Recently, Operis Agrotechnologies, a Maharashtra based manufacturing and consulting company, has tied up with WEFAA: The World Economic Forum for Asia-Africa (WEFAA). WEFAA is an organization of Asian and African countries, and other world member business organisations operating and head-quartered in India, with regional office in South Africa. Established

on May 26, 2022, the WEFAA has around hundred member companies from Asian and African nations. The tie up is specifically to promote bilateral trade, investment and technology transfer, facilitate business collaborations, nutrient projects, agricultural projects, joint ventures, marketing tie-ups and strategic alliances through a set of proactive business-oriented initiatives. This is based on the IDEAS (Indian Development and Economic Assistance Scheme) rolled out by the Ministry of Finance, Government of India. As a part of this initiative Operis AgroTechnologies has researched and helped WEFAA find around seven Indian partner companies in the innovative space of solar technologies, sugar industries, organic agri, agri-input Industries and food processing technologies.

Tapiwa Mashenjere, Vice President, WEFAA, has been visiting these shortlisted since the last eight days and is keen to finalise projects valued at more than USD 100 million in the coming couple of months, as he invites the Indian team in the month of April 2024 to assess the Zimbabwean landscape and projects. "This is a huge success of Indian innovation and entrepreneurship," said Tapiwa Wele, at a press conference organised in the city to announce the same. Chairman of Operis AgroTechnologies Pvt Ltd, Ashish Wele, said, "We have opened doors for the Indian agri tech companies to get their rightful place on the global agri-scenario and capture a significant market share through their innovation by adapting to global quality practices." Operis AgroTechnologies in association with WEFAA has a long term plan of engagement to ensure success of this initiative and this will be an engagement rolled all over Maharashtra in various industry domains too. Operis Agrotechnologies Private Limited (OAPL), is a company with focus in the area of setting up hi-technology labs and projects in the area of bio-technology, organic inputs, agro sciences and technology partnerships. As of now four industries from Nashik district are shortlisted for this initiative.

# CHAPTER 4

Demography

## **REGIONS**

- Due to the delimitation process before the general elections of 2023, the ward boundaries changed.
- On the other hand, the census data available was based on old ward boundaries. Therefore, to mitigate the change the district was regionalized to analyze the population in smaller areas.
- Four regions were identified based on the land type:

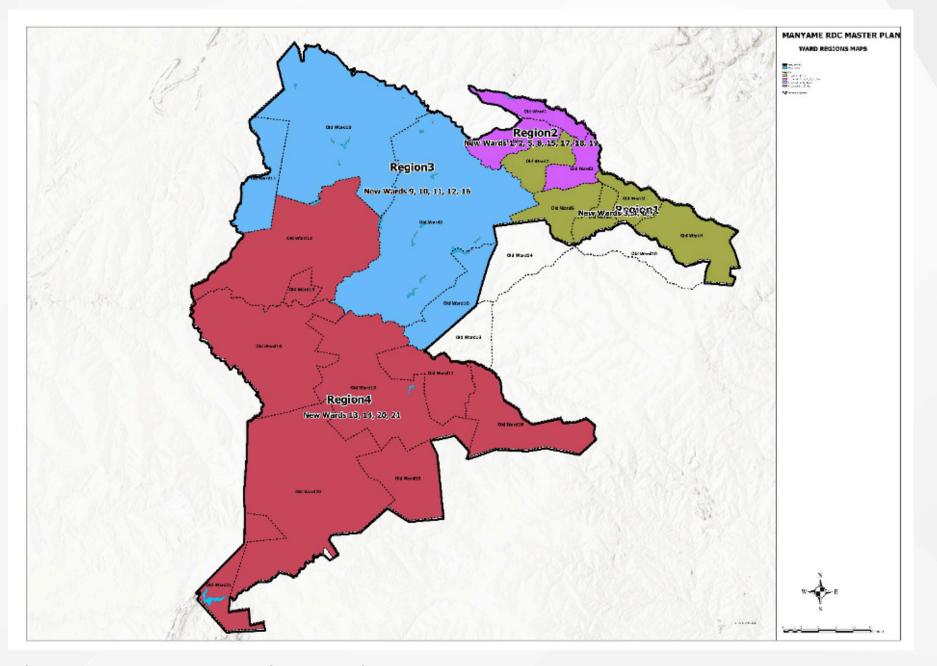


Figure 3-2: Map showing Regions

### **POPULATION GROWTH**

- The population of the Seke District according to the 2022 census is 200,478, of which males and females were 97,569 (49%) and 102,907 (51%) respectively.
- The Seke district population constitutes 12% of the total Mashonaland East population.
- The Seke District had a moderate population of 76,923 in 2002.
- The population of the district has almost tripled from 76,923 to 200,478.

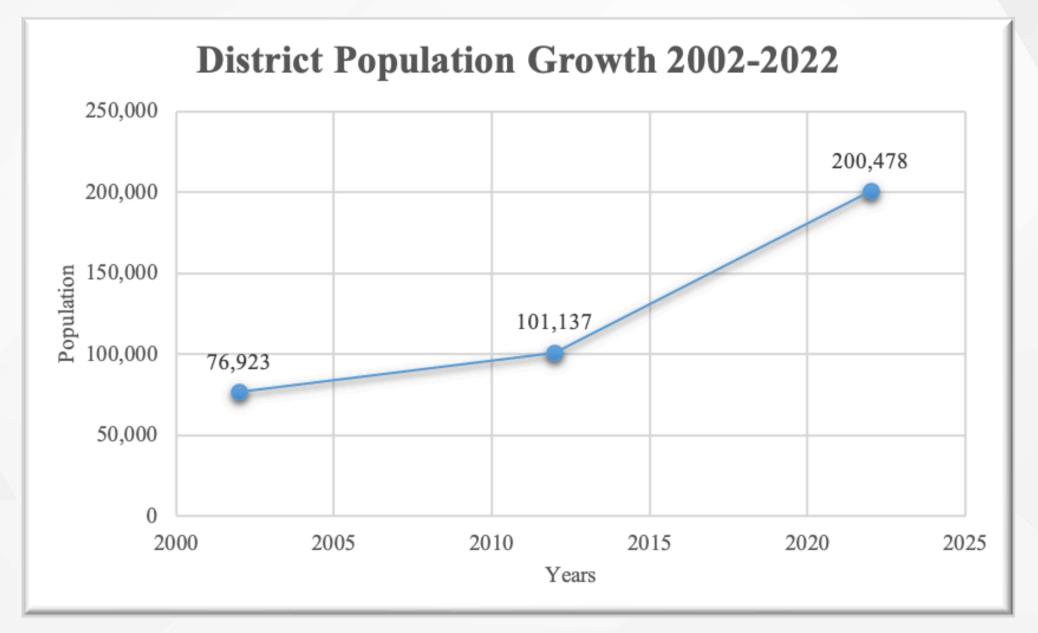


Figure 3-1: Growth rate of the Seke District from 2002-2022.

## POPULATION GROWTH

- Further to population growth analysis, there was a need to zero in on some areas that had a quantum growth in population.
- These areas were termed Rapid Growth Areas such as: Ward 1, 2, 3, 8, 9 and 13.
- The Rapid Growth Areas appear to be outliers in terms of growth as they had huge increases in population over the decade.



## POPULATION GROWTH IN RAPID GROWTH AREAS

- 1. Table 3-3 shows old Ward 8 which is now the Murisa Rural Center had the largest population growth of 324%, followed by old Ward 9 with 243%. Areas in this ward include Harare South (Land Housing Trust) and six farms (Breamar, Longlands, Cawdor, Tanatlon, Edinburgh, Dunotor) amongst others.
  - a. These areas have been singled out because there have been ceased with sporadic illegal developments.
- 2. Ward 1 which is the Murisa Peri-Urban area experienced a rise in population of around 165% as a result of illegal settlements.
- 3. Ward 13 and Ward 2 Beatrice and Dema respectively experienced a sizable increase in population.

Table 3-3: Population Growth in Rapid Growth Areas

	Old	Census	Census	Population	
Area	Ward	2012	2022	Growth	% Growth
Murisa Peri-Urban	1	13,543	35,924	22,381	165%
Dema and Dema Peri -Urban	2	8,359	15,885	7,526	90%
Murisa Rural Service Center	8	10,696	45,395	34,699	324%
Peri-urban farms	9	8,964	30,767	21,803	243%
Beatrice	13	2,630	5,207	2,577	98%

## POPULATION PROJECTION FOR RAPID GROWTH AREAS

Table 3-5: Population Projection for Rapid Growth Areas

Old Ward	2012	2022	2032	2042	2045
Ward 1	13,543	35,924	58,305	80,686	84,416
Ward 2	8,359	15,885	7,639	30,937	32,191
Ward 3	2,935	5,287	80,094	9,991	10,383
Ward 8	10,696	45,395	52,570	114,793	120,576
Ward 9	8,964	30,767	198,608	74,373	78,007
Ward 13	2,630	5,207	7,784	10,361	10,791
Total	47,127	138,465	405,000	321,141	336,364



## SUMMARY OF ISSUES

- Rampant urban-to-rural migration.
- Artificial, accelerated, and centered population growth.
- Rampant invasion of communal land.
- Emergence of ad-hoc urban nodes.

- Underutilisation of economic and industrial space.
- Communal land has been commoditized (easy and affordable).
- The majority of the youth are unemployed resulting in illicit activities.

# CHAPTER 5

Housing

## HOUSEHOLD GROWTH

- 1. The district experienced a global household increase of 113% as shown in *Table 4-3*.
- 2. Region 2 had the largest household growth of 218%, whilst Region 1 had the least household growth.
- 3. The growth in households may be attributed to rapid illegal developments and rampant sale of communal land within that region.

Table 4-3: Household Growth by Region

Region	Description	2012	2022	Growth	<b>Growth Rate</b>
1	Communal	22,292	27,131	4,839	22%
2	Murisa Peri urban	32,598	97,204	64,606	198%
3	Peri-urban farms	20,305	43,556	23,251	115%
4	Commercial Farms	25,942	32,587	6,645	26%

## **LAND TENURE**

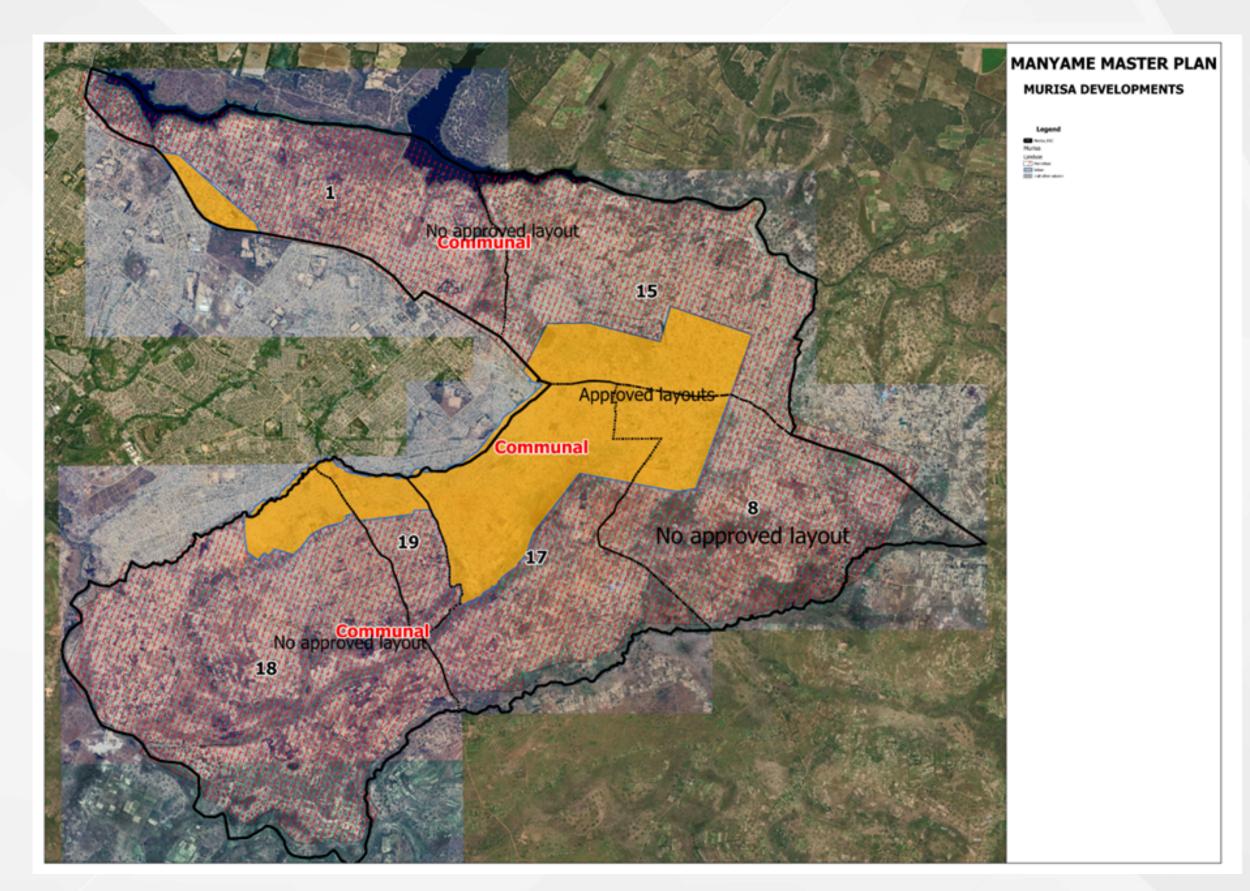
There are five main categories of land tenure systems namely:

- 1. Private
- 2.Public/state
- 3.Communal
- 4.Open access
- 5. Religious tenure (Bromley, 1992; Knawel, 2006; Payne et al., 2007; Adam, 2015).

Table 4-4: Land tenure in Seke

Land Use	Type of Tenure	Documentation
Urban	Private, State	Deeds and Lease
Peri-Urban	Private, State	Deeds, Lease, and Communal land Permits
Communal	State	Communal land Permits
A1 farms	State	Offer letters and Land Permits
A2 farms	State	Offer letters, leases, and Land Permits
Commercial Farms	Private and State	Deeds, lease, offer letter, and Land permits
Old resettlements	State	Offer letters and lease
African Purchase	Private	Deeds
BIPA	State	Deeds and MOU/MOA

## ILLEGAL DEVELOPMENTS MURISA PERI URBAN



## WHY ILLEGAL SETTLEMENTS ARE INCREASING

- Administration Min of Lands, Min of LG, Chitungwiza and MRDC
- Limited implementation of recommendations from Investigative Reports
- Court judgements
- Costly legal processes

- The delayed excision of land by the Ministry of Local Government
- Garawadya
- General belief in Regularisation
- Inactive waiting list

# CHAPTER 6

## LAND USES

- 1.Peri-Urban
- 2.Communal Land
- 3.Al Farms
- 4.A2 Farms
- 5. Former Resettlement Areas (African Purchase Areas).
- 6.Old Resettlement

## **URBAN CENTRES**

#### **Higher Order Centres**

- Beatrice
- Dema
- Murisa
- Guzha

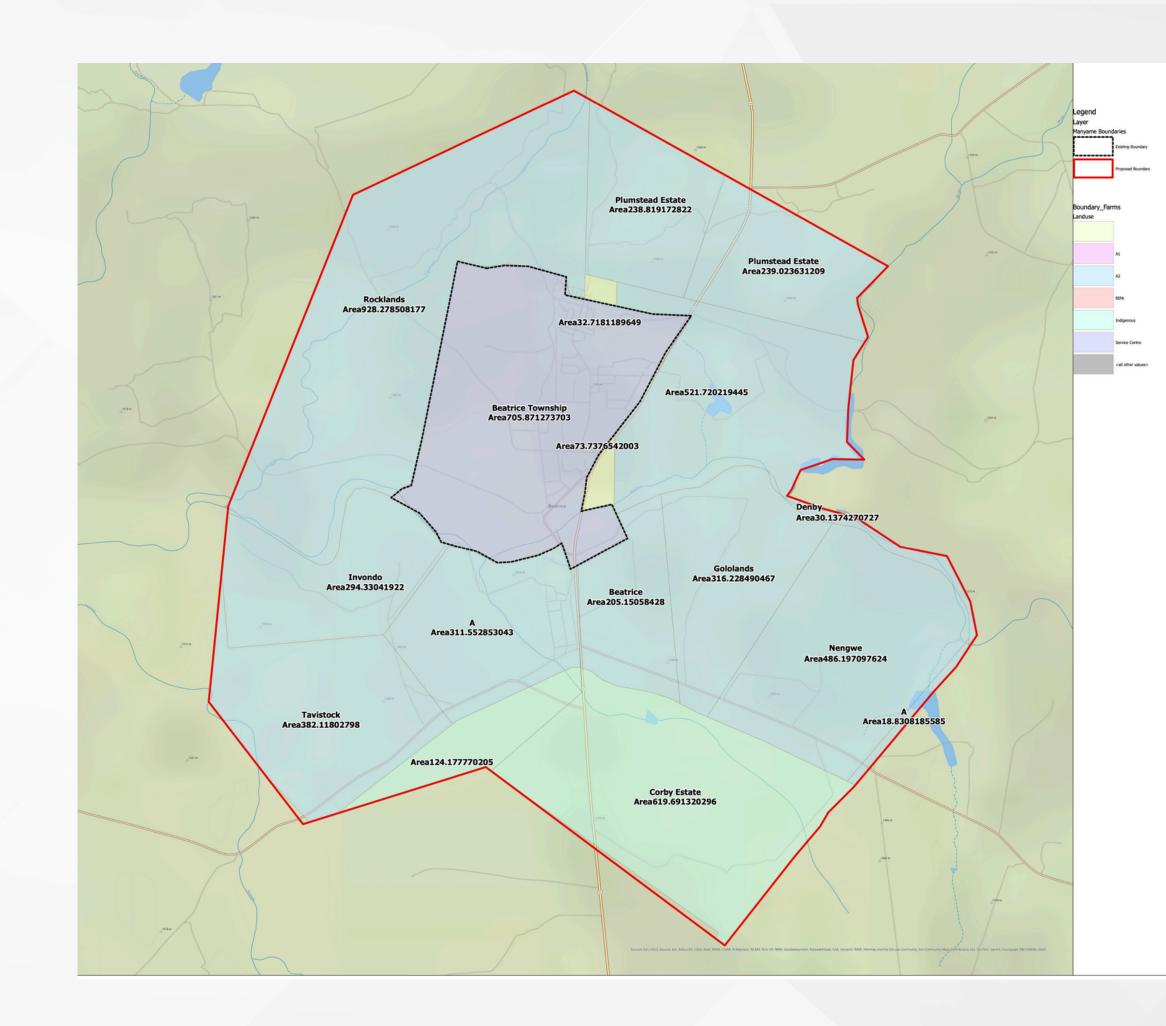
#### **Lower Order Centres**

- Charakupa
- Zhakata
- Masasa
- Marirangwe

## **BEATRICE**

1.Sitting on...... hectares, which is almost fully allocated except a few insignificant portion.

- 2. Area of Beatrice including C and D of Central total area is......
- 3. It has become apparent that there is need for additional land for urban expansion
- 4. The Ministry of Local Government identified land for future expansion for Beatrice.
- 5. Various urban expansion options will be discussed in the Written Statement



# CHAPTER 7

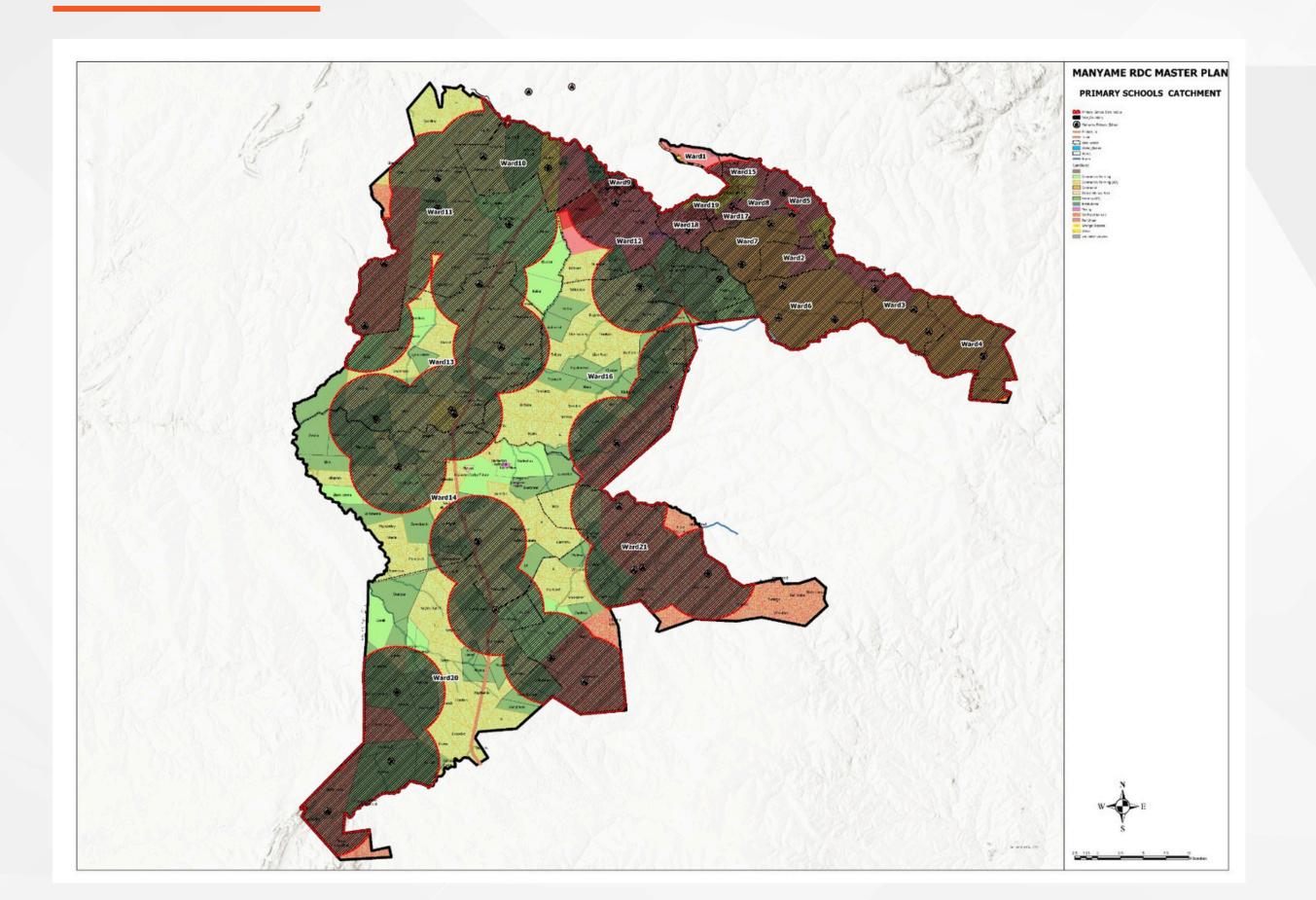
Social Infrastructure

# EDUCATIONAL FACILITIES IN THE DISTRICT

- Govt primary school: 1
- Church schools: 2 primary and 1 secondary
- Council primary: 44
- Council sec: 18
- Total of 65 Private school, 48 are unregistered.



## SCHOOLS DISTRIBUTION MAP



## CHALLENGES IN EDUCATION DELIVERY

#### The major challenges in the delivery of education were found to be as follows:

- Shortage of schools
- Shortage of teachers
- Shortage of books and IT facilities

- Long distances to schools
- Shortage on ambulances
- Long distances



## HEALTH FACILITIES IN SEKE DISTRICT

Name	Level	Owner
Kunaka	Hospital	Council
Charakupa	Clinic	Council
Mariramgwe	Clinic	Council
Muda	Clinic	Council
Makanyazingwa	Clinic	Council
Wheelerdale	Clinic	Council
Beatrice	Hospital	Government

## CHALLENGES IN HEALTH SERVICES DELIVERY

#### The major challenges in the delivery of health services were found to be as follows:

- Critical shortage of health facilities, there are just low-level facilities in the district.
- Shortage of staff (nurses and doctors).

- Unavailability of drugs and other essentials
- Shortage on ambulances.
- Long distances.

# POLICE STATIONS AND POLICE BASES

- Police stations: 1
- Police bases: 5
  - a.Ziko
  - b.Zengeza (chikwanha)
  - c.Harage -lands Road
  - d.Gilstone
  - e.Mupfure

## **COMMUNITY FACILITIES**

All wards have ward centers.

1.Ward centers with a community hall:

- Ward 7
- Ward II
- Ward 16

2. Ward centers with a shed:

- Ward 3
- Ward 15
- Ward 20

## CEMETERY AND GRAVEYARDS

#### **Urban Settlements**

- Cemeteries are found in Beatrice, Dema, and Harare South.
- Murisa area has graveyards.

#### **Communal Areas**

• Villages have graveyards and family grave sites.

#### **Agricultural Area**

- A1 -common graveyards.
- A2 -farm graveyards.



## SPORTS FACILITIES

Ward	Facility
3	Dema and Chakwizira
13	Beatrice Sports Center, Beatrice Country Club
14	Joice Mine Sports ground

## INSTITUTIONS

Ward	Facility
12	Institution of Biomedical
20	Beatrice Rehabilitation Center
13	Beatrice Orphanage
8	Shamwari Mwasikana
3	Seke Rural Home-based Care







# CHAPTER 8

Physical Infrastructure

## WATER SUPPLY SITUATION

- District lies with the Upper Sanyati and Lower Manyame Catchment areas.
- Water supplies are critical for the identified urban areas.
- All water supplies are managed by ZINWA
- The treatment and distribution infrastructure is provided by the LA, ZINWA supplies the bulk water
- ZINWA collects all revenue realised from water supplies



## WATER SUPPLIES

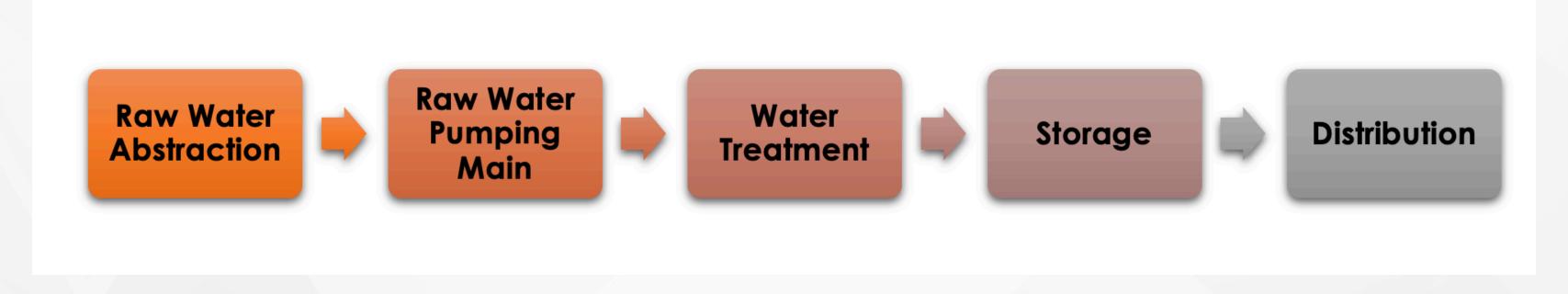
#### Table1: Areas of Responsibility For Water Supplies

Centre	Type of Supply/Source	Responsibility
Beatrice	Water reticulation	ZINWA, Manyame RDC
Chikwana	Water reticulation	Chitungwiza Town Council on behalf of
		Manyame RDC
Murisa	Boreholes, wells, dams	Individuals
Dema	Water reticulation for medium	ZINWA, Manyame RDC for medium
	density, boreholes, wells, dams for	density, individuals for high density
	high density	
Peri Urban and	Rivers, boreholes, wells, dams	Individuals, private organisations,
Rural		ManyameRDC, ZINWA

## BEATRICE WATER SUPPLY SYSTEM

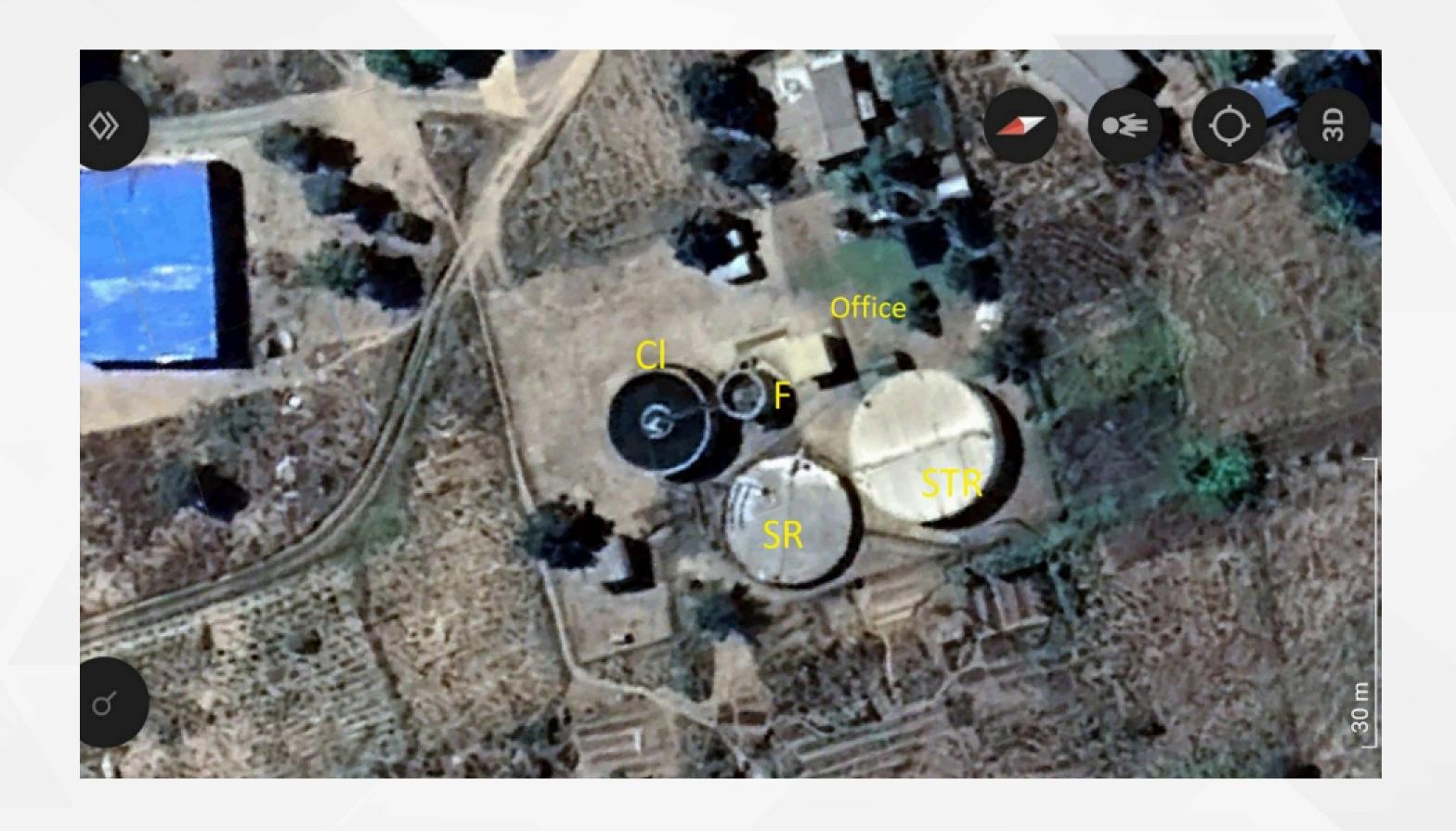
Water is supplied from Mupfure River for rest of Beatrice.

#### An Overview of the Beatrice Water Supply System



- The total design capacity for Beatrice Treatment Works is 50m3/h
- The estimated current total water production is 30m3/hr.

## LAYOUT OF BWTW AS SEEN ON GOOGLE EARTH



- The low density suburb of Rocklands and part of the commercial area is supplied via a series of borehole.
- Water is pumped into storage tanks.
- Two 25m3 elevated steel tanks distribute water to the network through gravity.
- There is need to augment the supply of water as water quickly runs should pumping stops for some reason eg pump failure.

## BEATRICE DOMESTIC CONSUMPTION

Domestic consumption is derived from historical demand data based on per capita consumption, the table below shows the consumption applied for the calculation of water demand.

#### Table1: Areas of Responsibility For Water Supplies

Description	Average Daily Unit Consumption (L/cap/day)
High Density	150
Medium Density	200
Low Density	250
Total	600

## SANITATION

The peak Water demand for Beatrice has been estimated to be 2.57ML/Day against a supply of 1.22ML, broken down as follows:

- 1.730m3 from treatment works
- 2.504 from boreholes

Average daily water demand(ADWD) is 1.43ML (slightly more than current water supply).

There is opportunity to boost the treatment works to process the 50m3/hr design ccapacity against the 30m3 it is currently producing at.

## SUMMARY OF DEMA WATER SUPPLY

Source	<b>Capacity Pumped/Stored</b>	Powered/ Material	Comment
Borehole – BH1	2m3/hr	Electricity	
Borehole – BH 2	2.2m3/hr	Electricity	
	4.2m3/ <u>hr</u>		
Storage Tank 1	23m3	Steel tank	Elevated
Storage Tank 2	46m3	Concrete tank	Elevated
Storage Tank 3	23m3	Concrete tank	Elevated
Bulk Water Tank 140m3		Tent	On ground
	209m3		

- Rest of urban centres, commercial farms use boreholes.
- Communal use borehole, protected wells and river sources.

## SANITATION

- There is reticulated sewerage system at Beatrice.
- Guzha pumps into Chitungwiza main outflow sewers.
- Peri-urban use a combination of systems, septic tanks and soak aways, improved sanitation facilities and pit latrines.
- Farms use private septic tanks and soak aways.
- Communal aras is maily blair toilets.

## ROAD INFRASTRUCTURE

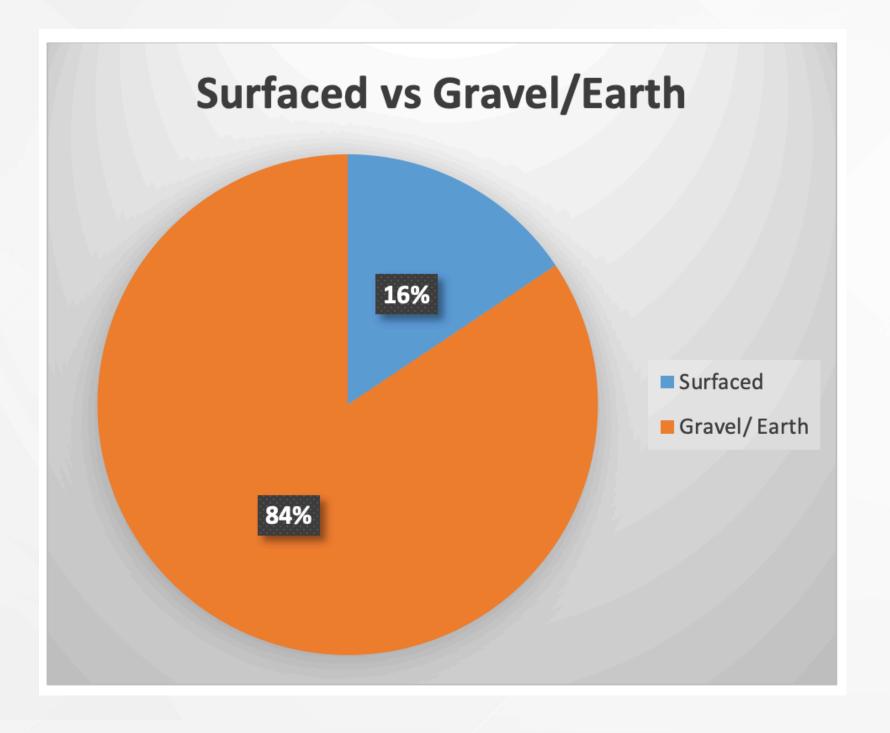
#### **Road Authorities**





## ROAD INFRASTRUCTURE

#### Type of road surface



- **1.**On average the roads are in an ok state but there is opportunity for improvement.
- **2.** Smaller access roads to farms and villages greatly need attention.
- **3.** Drainages for roads in most areas in the district, are grader cut v-shaped drains which are not concrete lined thereby rendering them temporary and not permanent.

### TABLE 9: KEY ECONOMIC ROADS AND THEIR CONDITION

Road	Type	Condition	Remedial Action
Harare - Beitbridge	Surfaced	Excellent	none
Harare – Hwedza	Surfaced	Good	Rehabilitation - Restoring edges and pothole patching
Landos	Surfaced and Gravel	Fair	Rehabilitation - Restoring edges and pothole patching, Motorised grading on gravel sections
Mhondoro – Mubaira	Surfaced and Gravel	Fair	Rehabilitation - Restoring edges and pothole patching, Motorised grading on gravel sections
Skyline	Gravel	Fair	Rehabilitation – Motorised grading

#### **SOLID WASTE MANAGEMENT**

- Solid Management in the district is generally good as waste collection is being done frequently and consistently in urban centres.
- There is a dump site in each of the main urban centres that is Beatrice, Guzha, Murisa and Dema.
- There is room for improvement of waste disposal system.
- In rest of district there is individual systems comprising.



## **ENERGY**

**1.**In urban areas, the main source of energy is electricity.

**2.** Some households have moved to solar energy for lighting and LPG for cooking.



## **MOBILE NETWORKS**

- **1.**Almost 90% of people have a mobile gadget.
- 2. Connectivity is a problem in some areas.
- **3.** There is need to increase number of base stations.



# CHAPTER 9

Insitutional Framework

### INSITUTIONAL FRAMEWORK

#### Vision

Socially and economically self-sufficient communities by 2025.

#### **Mission**

To provide an enabling environment for sustainable socio-economic empowerment and growth for our Communities.

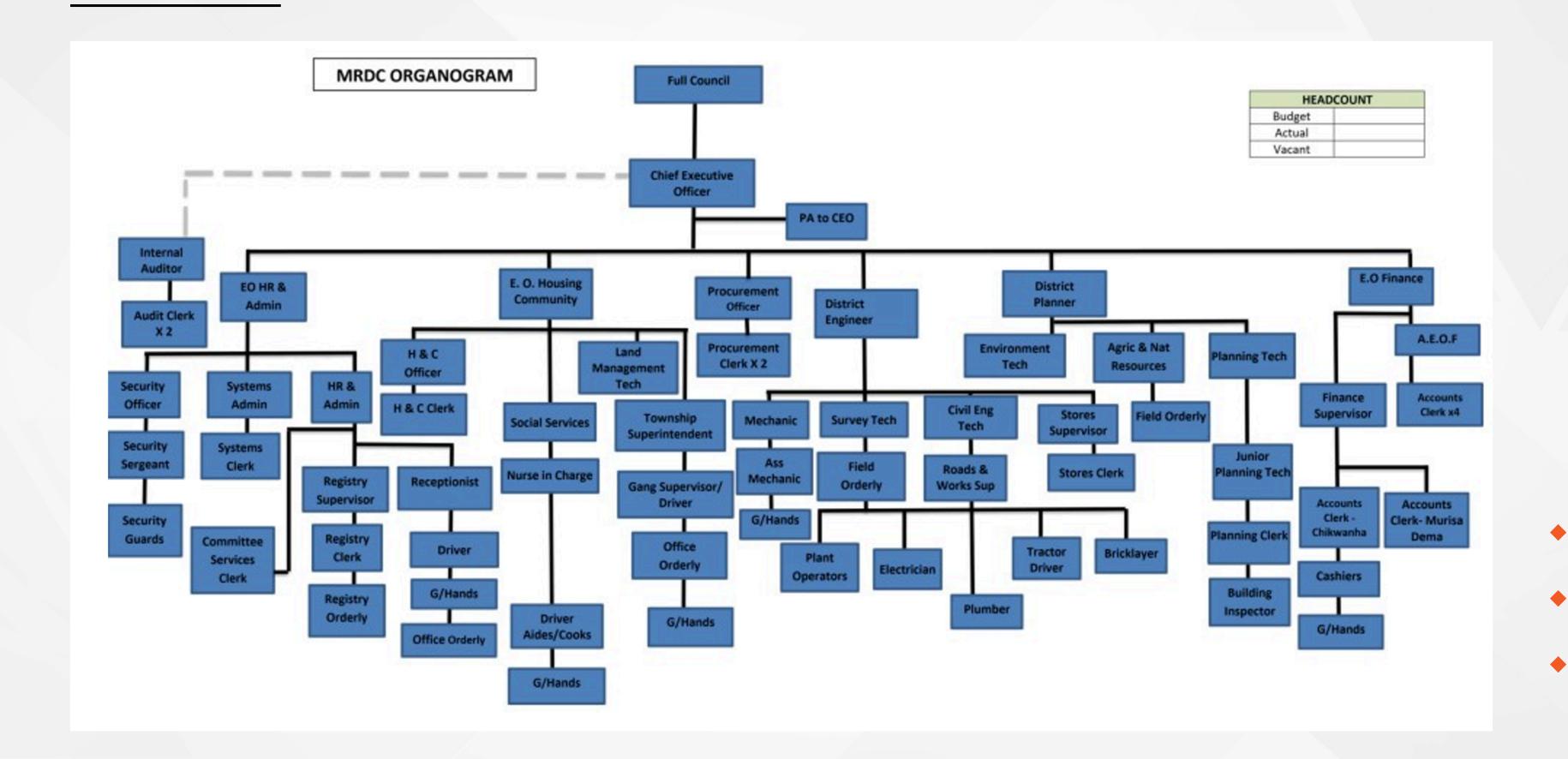
#### **Values**

- Team work: co-ordination, co-operation and commitment
- Accountability: building trust through transparency
- Client orientation: serving with diligence and courtesy
- Innovativeness: dedication to divergence and creativity
- Inclusivity: inclusion of all groups of society without discrimination

- Infrastructure development and management
- Provision of health, education and social amenities
- Provision of potable water
- Provision of sustainable environmental management services
- Provision of sound land management services

- Promotion of Agriculture
- Revenue mobilization and generation
- Promotion of sound local governance
- Human capital management
- Local Economic Development

#### **MRDC ORGANOGRAM**



#### **SWOT ANALYSIS**

- STRENGTH
- Skilled human resources
- · Land availability
- · Influential councillors
- · Good public relations
- · Own service delivery equipment
- · Attractive business centres
- Good road net work
- · Good financial management
- · Relevant by-laws
- Harmonious working relationships with stakeholders
- Good reputation
- · Well established markets

- Promotion of Agriculture
- Revenue mobilization and generation
- Promotion of sound local governance
- Human capital management
- Local Economic Development

#### **SWOT ANALYSIS**

#### **STRENGTH**

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- Harmonious working relationships with stakeholders
- Good reputation
- Well established markets

#### WEAKNESS

- Weak enforcement of Council By-Laws. E.g. Council employees facing resistance from sand miners
- Inadequate financial resources
- Unattractive conditions of service
- Staff turnover
- Ageing equipment
- Centralised operations

#### **OPPORTUNITIES**

- Availability of water
- Proximity to Harare and Chitungwiza
- High demand for land.
- Investment opportunities
- Prospects of a wider revenue base
- A productive agriculture sector
- Availability of telecommunications networks and electricity
- Accessibility to government grants
- Rich agricultural soils in most areas (region 2)
- Abundance in natural resources e.g. perennial rivers

#### **THREATS**

- Micro Economic Challenges
- Natural disasters e.g. (Cyclone)
- Urban sprawl
- Decline in revenue base due to effects of pandemics (e.g. Covid-19)
- Non deterrent sentences for offenders
- Policy inconsistency
- Red tape in decision making e.g. change of use, by laws approvals, layout plans
- Lack of political will
- Dysfunctional settlements

# PROGRESS REPORT

## MANYAME RDC-SEKE DISTRICT MASTER PLAN PROGRESS REPORT 1 21/03/2024

Item		Work done	Comments	
1.	Contract signing Outstanding		Done. 100%	
2.	Initial stakeholder	2.1. Done at full council	Done 100%	
2.2. Presented at RDDC		2.2. Presented at RDDC	Done 100%	
3.	Inception report	3.1. Presented 2 copies of	Done 100%	
		Inception Reports		
4.	Secondary data	4.1. KIIs –done by core team	4.1. We are on 90%	
	collection	and the experts jointly	4.2. Local Authority, DSP, SG, Lands, Agritex,	
		and separately	Education, housing, Youth, Women, MFA, etc	
		4.2. Govt departments	4.2. More information still coming through	
			EMA partly and MINES not yet submitted	
5.	Primary data	5.1. We used kotokcollect	5.1. We are on 100 %	
	collection	tool box to do household	5.2. The tools were user friendly	
		surveys		
		5.2. We used Avenza tool for		
		mapping		
		5.3. We deployed research		
		assistants into the field.		
		5.4. Dynamic focus group		
		5.5. Smaller groups	It was agreed by LA, DSP and Consultant that	
		5.6. Interviews with leaders	2023 Google images may be sufficient	
		5.7. We used 2023 high	without use of drone.	
		resolution maps and		
		images in hot spots like		
		Murisa to show almost		
		real time what's on the ground.		
		arauna		

## MANYAME RDC-SEKE DISTRICT MASTER PLAN PROGRESS REPORT 1 21/03/2024

Item	Work done	Comments
6. Report of Study	6.1. We are working on the RoS that we will fill in as we get more information	6.1. We are on 90% 6.2. The final draft will be submitted to Planning Committee at Council on 30 April 2024
7. Written Statement	7.1. Pointers for written statement in place and drafting of proposals and polices underway.	7.1. We are on 20% 7.2. Some proposals, policies and strategies are already emerging and are being noted down from the data gathering stage and RoS.
8. Outstanding	8.1. Consultations with adjoining LAs	The Provincial Planning Officer is liaising with the PPO for Harare and Mash West for the meeting as they are 8 adjoining Councils
9. Next steps	9.1. Presentation of RoS to Council on 30 April 2024 9.2. Presentation of RoS to Full Council on 10 May 2024 9.3. Present final draft Ros and Draft Written Statement to Council management, DDC, Lands and DSPD 14/5/24 9.4. Stakeholders workshop on written statement and Proposals on 23-24/5/24 9.5. Presentation of Written Statement and Proposals for Adoption by Council on 30 May 2024. 9.6. Submission of draft Master Plan to Ministry 31/5/2024	



# THANK YOU

Mrs Sheilla Mundondo +263 773 852 807 skmundondo@gmail.com