

Enforcing Safe, Healthy And Clean Environment For Citizens Through Municipal Health Services

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Background

- Section 24 of the Constitution of the Republic of South Africa states that everyone has the right to an Environment that is not harmful to their health or well-being
- This places a constitutional duty on the **government** to take steps, such as creating laws, to achieve these environmental goals.
- Section 84(1)(i) of the <u>Local Government: Municipal Structures Act 117 of</u>
 1998 assigns the function of <u>municipal health services</u>
- Section 83 of the National Health Act, 2003 (Act 61 of 2003), defines municipal
 health services and clearly stipulates the responsibilities of municipalities as inclusive
 of water quality monitoring, food control, waste management, health surveillance of
 premises, surveillance and prevention of communicable diseases excluding
 immunization, vector control, environmental pollution control, disposal of the dead
 and chemical safety.

Premise Inspection – Record Keeping

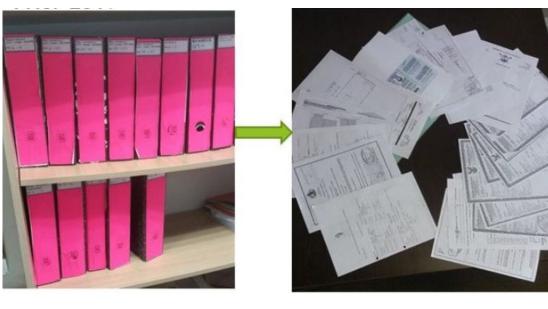
Routine Inspection



Water Sampling



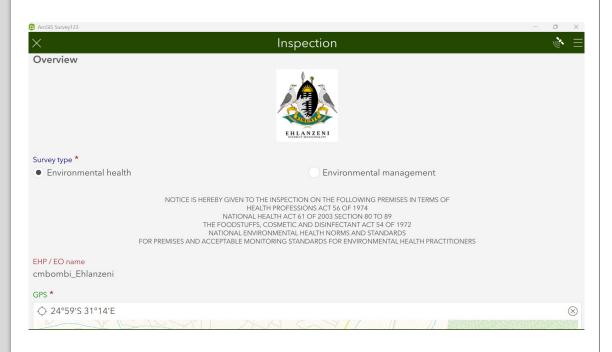
Premise Records



Survey 123



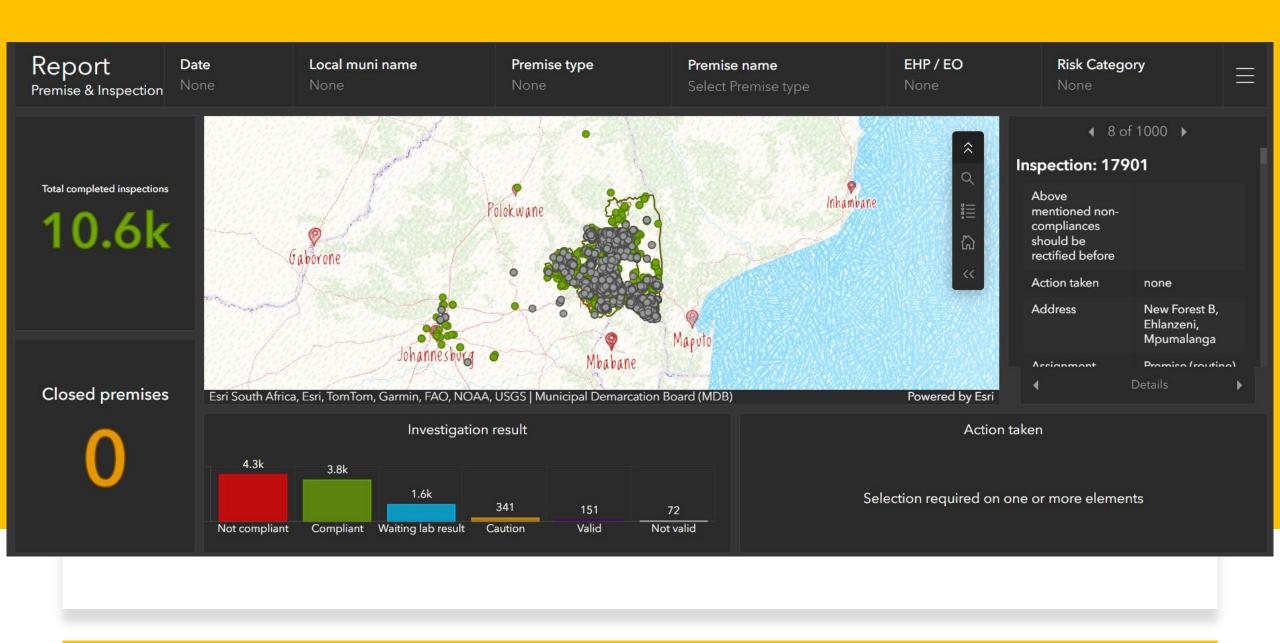
Survey 123 - Inspection











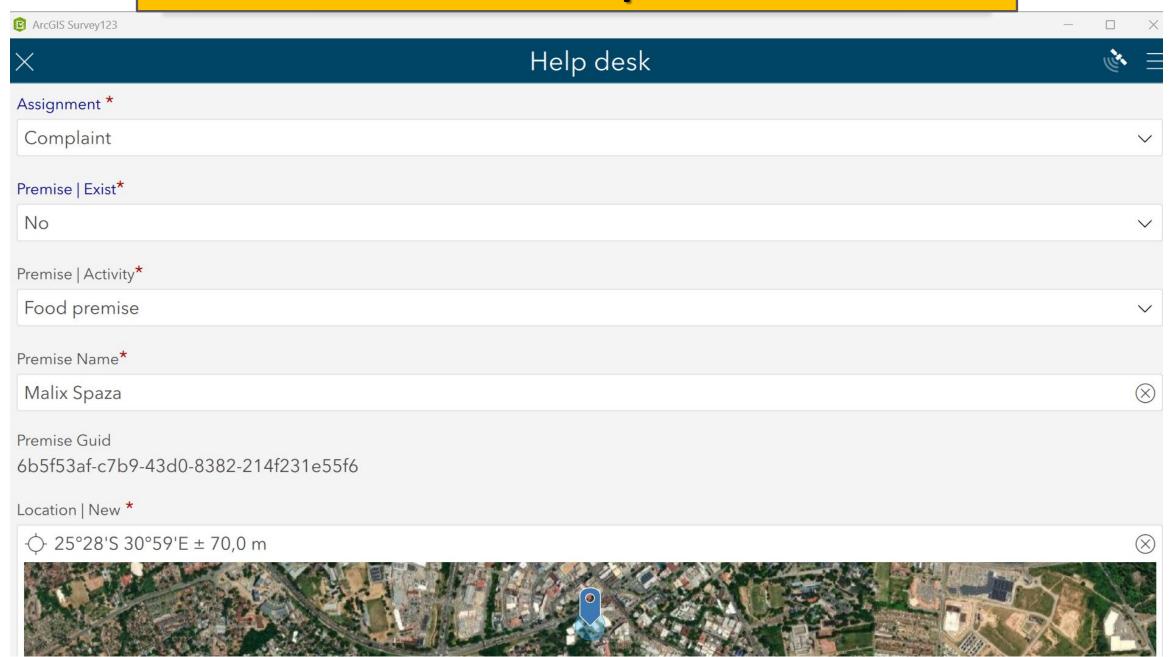
Inspection Report (Hospital)

Hospital Inspection Report





Public Complaints



Inspection Report (Food Premise)

Food Premise Inspection Report





Water Sampling

Lab Result Capturing Application

New Samples	
05TV-T20251027	A
03TV-T20251027	
02TV-T20251027	
01TV-T20251027	
01TV-T20251027	
02TV-T20251027	
03TV-T20251027	
05TV-T20251027	- 11
04TV-T20251027	
06TV-T20251027	▼

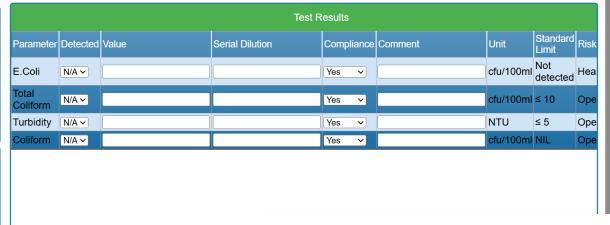
In Progress or Failed Samples

C3
18-N20220912
B1-T20230412
11
13
B3-N20241126
B4-N20241126
B5-N20241126
B6-N20241126
B1-M20241204

Sample Colebo

Premise Nameการสาย (เมื่อ สา หาในจะlinic Inspection Numumaana אוו נונער אווייייי Sample Number: 001V-T20251027 Sample Type: water

Lab Test: micro



Lab Result Verification Application

Detected

Yes

Yes

Parameter

Total Coliform

E.Coli

Samples	
BP01-N202510	<u> </u>
BP02-N20251007	
BP03-N20251007	
BP04-N20251007	
BP05-N20251007	
CN01-M20251006	
MC01-N20251013	
MC02-N20251013	
MC03-N20251013	
MC04-N20251013	

Samonmutails

Premise Namarri איני עוני אווי אווי די Works

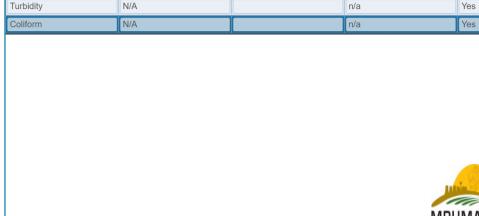
Inspection Number: 15446

Sample Number: BP05-N20251007

Sample Type: water Lab Test: micro Sample Comment: null Date: Tue Oct 07 2025

Approve Results

Reject Results



Value

11

727

Test Results

Compliance

No

No

THE PLACE OF THE RISING SUN

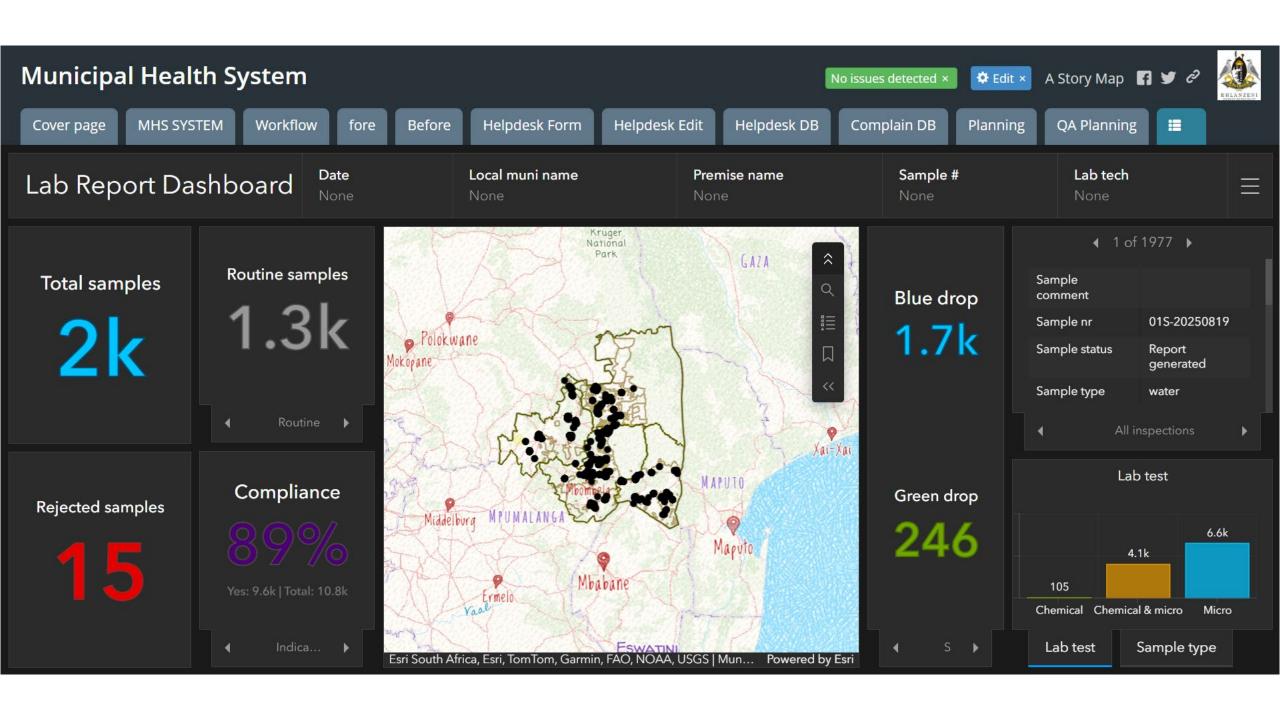
Comment

Serial Dilution

n/a

n/a





Lab Report (Water Sampling)

Water Sampling Report





Conclusion

- GIS-based MHS system has brought efficiency into the municipality and improved audit outcomes for Municipal Health Services to 96%.
- Provided ease platform of monitoring water quality to ensure safe drinking water for the communities.
- Early detection of poor water quality to avoid outbreak (diarrhoea/cholera)
- Improved turnaround time for issuing of certificates





Conclusion

- Analysis of hotspots for non- compliance (activate response teams) to ensure safe environment for the communities.
- Validation of certification of businesses (fake certificate)
- Improved response time to community applications & complaints
- Provided a **comprehensive database** for all the business premises within the District.









