

**IMPLEMENTATION REPORT ON THE TYPHOID SCREENING ACTIVITY FOR  
FOOD VENDORS**



**2025, DECEMBER**

## 1.0 INTRODUCTION

Typhoid fever continues to pose a significant public health risk in Dormaa West District due to gaps in Water, Sanitation and Hygiene (WASH) systems and inconsistent food handling practices. In response to the rising trend of faeco–oral diseases, the District Health Directorate, in collaboration with the Environmental Health and Sanitation Unit, implemented a district-wide typhoid screening programme targeting food and drink vendors.

This report outlines the implementation process, achievements, challenges encountered- including concerns with coverage and partnership arrangements- and recommendations for improving future exercises.

## 2.0 OBJECTIVE OF ACTIVITY

### 2.1 General Objective

To reduce the incidence and transmission of typhoid fever and other faeco–oral diseases through routine screening and health education among food vendors.

### 2.2 Specific Objective

1. Conduct Widal tests for all registered food and drink vendors.
2. Identify and treat clinical and sub-clinical typhoid cases.
3. Issue medical certificates to eligible vendors.
4. Provide health education on hygiene and safe food handling.
5. Generate surveillance data to guide district-level policy decisions.

## 3.0 TARGET POPULATION

The activity targeted the following vendors within the district

- Licensed and unlicensed food vendors
- Drink vendors (including iced water handlers)
- Canteen and chop bar operators
- Mobile food hawkers
- Food handlers in schools and markets
- Drinking bar operators

#### 4.0 IMPLEMENTATION PERIOD AND LOCATION

Screening and education activities were conducted from **17<sup>TH</sup> -28<sup>TH</sup> NOV, 2025**, following preparatory stakeholder engagements in OCTOBER 2025.

#### MOVEMENT PLAN FOR THE SCREENING EXERCISE

Date	Community(venue)	Medical team	Environmental team
17/11/2025	Kwabenadwomokrom	Benebr Ebenezer Asigri Hannah	Nuhu & Morris
17/11/2025	Nkwantanso	Mensah Clifford & Thompson	Nicholas & Christiana
18/11/2025	Dormaa Agogo	Thompson & Clifford	Nicholas & Winifred
18/11/2025	Kwadwokumikrom	Daniel & Ebenezer	Christy & Nuhu
19/11/2025	Kwakunaya	Mensah Clifford	Lizzy
19/11/2025	Kwabenakrakrom	Asigri Hannah	Nicholas
20/11/2025	Cafekrom, Amoakokrom,Beposo	Thompson Baatiekuu	Morris
20/11/2025	Bredi Akoto	Benebr Ebenezer	Christiana
21/11/2025	Krakrom	Tabiri & Thompson	Nicholas & Christy
21/11/2025	Kwameyeboakrom	Ebenezer & Asigri	Nuhu & Miriam
24/11/2025	Yaakrom	Hannah & Ebenezer	Nuhu, Leticia & Nuhu

24/11/2025	Diabaa	Thompson & Clifford	Miriam & Morris
25/11/2025	Nyameama, Brofuyedru	Mensah Clifford	Winifred
25/11/2025	Yawowusukrom	Benebr Ebenezer	Nuhu
26/11/2025	Cocoakrom	Thompson Baatiekuu	Christiana
26/11/2025	NHIS office	Asigri Hannah	Miriam
27/11/2025	NHIS office(NKT)	Asigri Hannah	Miriam
27/11/2025	Cocoakrom	Thompson Baatiekuu	Christiana
28/11/2025	NHIS office(NKT)	Daniel Asomah	Miriam
28/11/2025	Cocoakrom	Mensah Clifford	Elizabeth

## 5.0 PLANNING AND PREPARATORY ACTIVITIES

- Joint planning meetings between the Health Directorate and Environmental Health Unit
- Engagements with market queens, assembly members, and traditional leaders
- Procurement of reagents, disposables, registers, and education materials
- Assignment of staff for registration, laboratory work, education, and certification

These steps enabled effective coordination and execution.

### PLANNING TEAM

#### District Health Directorate

1. Amponsah Daniel
2. Kingsley Donkor- District Disease Control Officer
3. Benebr Maalifaa Ebenezer- Disease control officer (Technical)

#### Environmental Health Unit

1. Boadu Edmond- District Environmental Health Officer
2. Fumme Christabel- Screening Coordinator

## 6.0 METHODOLOGY

### 6.1 Registration

Each vendor completed registration, capturing personal details vending locations and community

### 6.2 LABORATORY TESTING

- Widal tests conducted to identify Salmonella typhi O and H antigens
- Results recorded and positive vendors referred for treatment

### 6.3 HEALTH EDUCATION

Topics covered included:

1. Causes and transmission of typhoid
2. Handwashing and personal hygiene
3. Safe food and water handling
4. Waste disposal practices

### 6.4 MEDICAL CERTIFICATION

Certificates were issued to all vendors who met the health criteria

### 6.5 COSTING

Screening fees charged:

- GH¢ 55.00 for old clients
- GH¢ 60.00 for new clients

These fees supported logistics and facilitator allowances.

## 7.0 SUMMARY OF SCREENING RESULTS

<b>INDICATOR</b>	<b>NUMBER</b>
Total vendors registered	527
Total vendors screened	527
Widal positive	11
Referred to Health facilities	11
Certificates issued	517

Further analysis showed higher positivity rates among vendors located in Krakrom and Diabaa with few sporadic cases dotted across the district. Remaining 11 cases are waiting to be issued certificates after a successful medical treatment.

## 8.0 KEY ACHEIVEMENT

- Strong collaboration between the Health Directorate and Environmental Health Unit
- Improved vendor knowledge on hygiene and food safety
- Prompt referral of positive cases
- Updated database to support district-level planning

## 9.0 CHALLENGES

### 9.1 Coverage Gaps

The expected coverage was not fully achieved. A number of vendors- especially mobile, unregistered, and newly emerging operators- were not reached during the screening. This affected overall compliance and reduced the intended population coverage.

## 9.2 Lapses in partnership Agreement

Certain lapses in the initial implementation agreement between the District Assembly and the District Health Directorate affected aspects of coordination, mobilization, and enforcement. Both institutions have acknowledged these gaps and agreed that these issues will be resolved before any future joint activities to ensure clearer collaboration and more efficient implementation.

## 10.0 LESSONS LEARNT

1. Decentralized screening points improve coverage.
2. Early printing of certificates reduces delays.
3. Stronger enforcement requires closer collaboration with Assembly and Environmental Health officers.
4. Continuous sensitization through local information centres boosts participation.

## 11.0 RECOMMENDATION

1. Resolve all partnership lapses between the Assembly and the Health Directorate before the next screening cycle.
2. Expand screening days and teams to reach unregistered and mobile vendors.
3. Strengthen enforcement of mandatory screening under Assembly bye-laws.
4. Conduct periodic quarterly screenings to sustain progress and capture new operators.

## 12.0 CONCLUSION

The typhoid screening exercise was successfully carried out and contributed significantly to improving food safety and public health protection in Dormaa West District.

However, the expected coverage was not met, and partnership lapses identified during implementation affected certain aspects of the activity. The District Assembly and the District Health Directorate have agreed to address and resolve these issues ahead of future engagements to ensure more efficient, well-coordinated, and comprehensive screening exercises.

ACTIVITY GALLERY:



POVA 6 Neo

23mm f/1.6 1/100s ISO125



POVA 6 Neo

23mm f/1.6 1/100s ISO77



PREPARED BY

Name-----

Designation -----

Date-----

ENDORSED BY

Name.....

Position .....

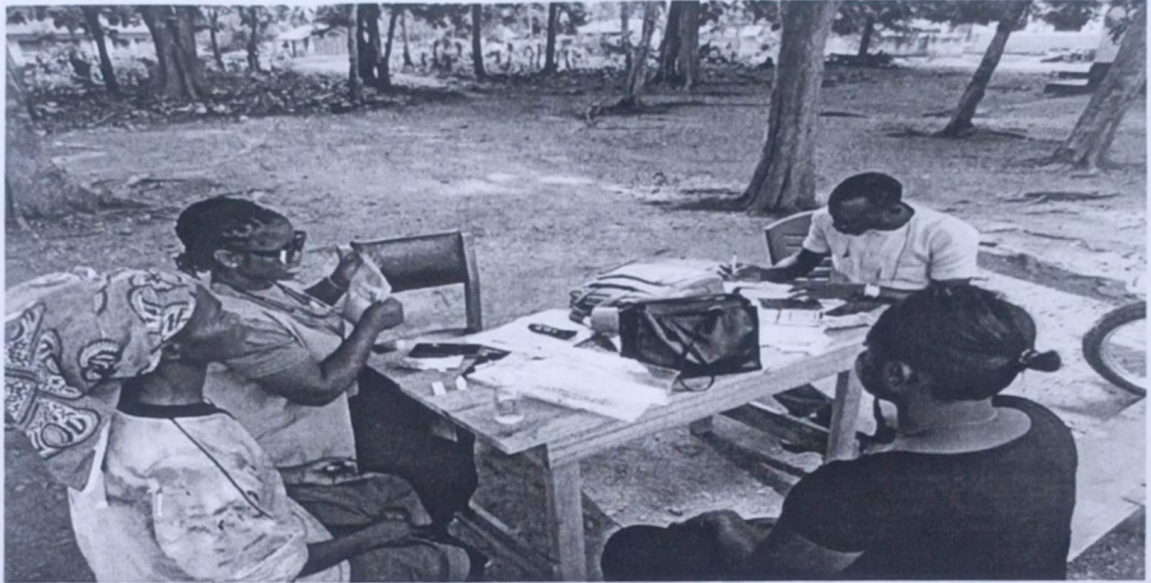
Signature and stamp.....

SUBMITTED BY

Name.....

Designation.....

Date.....



POVA 6 Neo

23mm f/1.6 1/100s ISO77



PREPARED BY

Name Bernaly M. Ebanzer

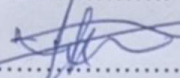
Designation DISTRICT LAB. TECHNOLOGIST

Date 17-12-2025

ENDORSED BY

Name Owusu Ampomah Daniel

Position DDAS

Signature and stamp 

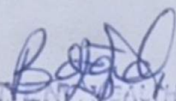
DIST. DIRECTOR OF HEALTH  
GHANA HEALTH SERVICE  
DORMAA WEST

SUBMITTED BY

Name BOADU EDMUND

Designation DEHO

Date 18-12-2025

  
DISTRICT HEALTH OFFICER  
DORMAA WEST DIST. ASSEM.  
NUNANKWANTA