

1.1. INTRODUCTION

The Environmental Health and Sanitation Unit (EHSU) exist within the structure of the Ablekuma Central Municipal Assembly to offer contemporary environmental health services to Promote and Protect Public Health & Safety through collaboration, innovation and strategic standard enforcement.

1.2. GOAL

The environmental health is part of public health where the primary goal is preventing disease and promoting people's health, Initiating and implementing health and hygiene, sanitation and environmental programs to promote understanding of environmental health principles.

1.3. STAFF STRENGTH OF ENVIRONMENTAL HEALTH AND SANITATION UNIT

The department can boast of a staff strength of 11 which are being segregated below is table one and two.

Table 1: Total Staff Strength for Environmental and Sanitation Unit

No.	Staff grade	Number on grade
1.	Environmental Health Analyst	3
3.	Chief Env'l Health Assistant	3
4.	Assist. Chief Env'l Health Assistant	1
6.	Principal Env'l Health Assistant	1
10.	Environmental Health Assistant	3
11.	Total number on grade	11

Table 2: Other Auxiliary Staff of Environmental and Sanitation Unit

1.	Sanitation Guards	5
	Municipal Assistants(IGF)	2
	NABCO Personnel	10

1.4. PROGRAMS UNDER THE UNIT

The Environmental Health and Sanitation Unit operates under three structured programs according to the working manual to be cited namely:

1. Environmental Protection and Standard Enforcement unit
2. Food, water and Drug Safety unit
3. Public Health Education and Information unit.

2.1. ENVIRONMENTAL PROTECTION AND STANDARD ENFORCEMENT UNIT

PREMISES INSPECTION

In premises inspection the Environmental Protection and Standards Enforcement Unit focus their inspection on the following dwelling premises: corporate business entities, Industries, health care facilities, sanitary conveniences, Lorry parks and public places.

The purpose of this inspection is for the identification, measurement, and control to acceptable standards of all nuisances which may adversely affect the health or wellbeing of people in the various communities in the Municipality.

During the year under review, below on table 3 and 4 fig.1 are the breakdown of activities carried out:

Table 3: Breakdown of notices served to the premises inspected

Total premises insp.	Total notices issued	Notices complied with	Notices pending	Prosecutions
14,172	3528	2965	563	

Table 4: facilities inspections

Type of facility	No. inspected	No. notices issued	No. of notices complied with	No. notices pending	No. prosecuted
Lorry/car parks	73	24	21	3	Nil
Mechanical shops	89	51	46	5	Nil
Industry/factory	94	70	64	6	
Public toilets/bath	130	95	85	10	

Table 5: facilities and nuisances sited

Type of facility	Nuisance detected
Lorry/car parks	No waste bins, no subscription with waste company, accumulation of refuse and detrimental articles on bare ground and indiscriminate dumping and burning of refuse
Mechanical shops	No waste bins, no subscription with waste company, accumulation of refuse and detrimental articles on bare ground, insanitary drains and indiscriminate dumping and burning

	of refuse
Industry/factory	Absences of protective clothing for workers, Failure to subscribe to accredited solid waste contractor, accumulation of refuse and detrimental articles on bare ground, insanitary drains
Public toilets	Discharge of effluent into open public drains, Insanitary storage of anal cleansing materials, Insanitary toilet and bathrooms.

3.1. FOOD, WATER AND DRUG SAFETY PROGRAMME (FW&DS)

The unit ensures that food, water and drugs are safe in an outmost hygienic condition for human consumption during preparation, Transportation, and point of sale to the general public (production chain). Also, medical health screening for fitness on persons handling food for public consumption was also carried out.

Below are facilities inspections carried out:

Table 6: Hospitality industries inspected

S/N	COMPONENTS	ESTIMATED PREMISES WITHIN MUNICIPALITY
1.	Restaurants	45
2.	Hotels	49
3.	Drinking Bar	257
4.	Chop Bars	183
5.	Guest House	7
6.	Street Foods	321
7.	Frozen Foods	201

8.	Drug store/ pharmacy	65
9.	Package Food	-
10.	Bakery	27
11.	Water	2
12.	Slaughter slabs	2
13.	Corn mill premises	13
14.	Markets and Supermarkets	2

Table 7: Hospitality facilities inspected

Total facilities inspected	Total notices issued	Notices complied	Notices pending	Prosecutions
6537	1210	1122	88	

Table 8: break down of hospitality industries

Hospitality industry	Total facilities inspected	Total notices issued	Notices complied	Notices pending	Prosecutions
Restaurant	382	50	42	8	
Hotel/hostel	300	47	39	8	
Drinking bar	727	124	106	18	
Chop bar	1452	283	269	14	
Guest house	118	24	19	5	
Street food	2927	519	497	22	
Frozen foods	117	28	24	4	
Drug store/pharmacy	111	18	17	1	
Bakery	212	52	48	4	
Water	17	5	4	1	
Slaughter slab	31				
Corn mill	143	60	57	3	

Nuisances detected were:

- 1) Absences of medical health certification
- 2) Expired medical health certification
- 3) Absences of protective clothing for workers
- 4) Failure to subscribe to accredited solid waste contractors
- 5) Insanitary storage of refuse
- 6) Insanitary corn mill machines
- 7) Infestation of vermin
- 8) Noise nuisances

MARKETS AND SUPERMARKETS

The FW&DS unit inspected twelve (12) markets and super markets in the metropolis within the quarter. Five (5) notices were issued to persons who committed various degrees of sanitary infractions.

Nuisances detected from the markets and super markets

- Display of food products below three (3) feet to the ground
- Failure to register with accredited solid waste contractor

COLD STORES

Seventy eight (78) cold stores and eight (8) slaughter slabs were also inspected. A number of nuisances were detected warranting officers to issue statutory notices to offenders to abate the nuisance on their premises.

On re-inspection, officers detected that most of the nuisance have been abated and few are pending because of length of time given to them to abate the said nuisances. Nuisances detected were;

- Absences of medical health certificate for workers
- Absences of sanitary dust bins on premises
- Absence of protective clothing
- Failure to subscribe to accredited waste contractors
- Insanitary drains

Table 9: Medical screening for food handlers

Total Screened	New Cards	Renewals	No. Fit	No. Unfit
683	632	51	679	4

Table 10: Household Toilet Construction

01	Stand Alone Toilet	Digester With Seat	Digester Only	Total
	102	59	24	185

4.1. PUBLIC HEALTH EDUCATION AND INFORMATION UNIT

This unit is responsible for the health education and information of the general public on public health issues and also receive complains from the general public.

COMPLAINTS

In this year, the unit received forty one (41) complaints from the general public. Upon receipt of complains, officers were assigned to visit the premises or the vicinity of complain for investigations and its resolution. Fifteen (15) complains have been resolved and the rest are pending due to duration given to offender to abate the said nuisances and some are beyond the unit. The following are the nature of complains

1. Dumping and burning of refuse on open spaces
2. Noise nuisances
3. Discharge of effluent into public drain.
4. Pouring human excreta into drains.
5. Dumping of sand into public drain.
6. Absence of toilet facility.
7. Siting of soak away pit on the Mains of Ghana Water.
8. Spillage of septic tank content on to the bare ground.
9. Operating fitting shops on proposed road. Among others.

4.2. SCHOOLS INSPECTION

In this year, one hundred and fifteen (115) public schools and two hundred and thirteen (213) private schools in the various electoral areas were inspected to ascertain their sanitary conditions and also offer health education in relation to sanitation.

Table 10: Breakdown of schools premises inspected

	# of school inspected	# of schools registered for waste collection	# of schools with waste bins	# of schools with toilet	# of schools with water supply	Schools with hand washing facilities	# of food handlers medically screened
Public	115	17	55	40	47	47	65
Private	213	213	213	213	213	213	429
Total	328	230	268	253	260	260	494

Sanitary conditions (nuisances) at the public school

1. Inadequate toilet and urinary facilities
2. Dilapidated and insanitary toilet and urinary facilities
3. Absences of hand washing facilities
4. Failure to register with accredited solid waste contractors for their waste collection
5. Dumping and burning of refuse on bare ground
6. Absences of dust bins
7. Insanitary storage of refuse
8. Poor ventilation and lighting in the class rooms
9. Absence of medical health certificate of food vendors in the common markets
10. Overcrowding in the classrooms

Sanitary condition (nuisances) at private schools

- 1) Absence of medical health certificate for cooking staff

- 2) Expired medical health certificate for cooking staff
- 3) Insanitary toilet and urinary facilities

Abatement notices were served to both public and private school respectively to abate the nuisance in their premises within a specified time. Re-inspection was done after the given time to abate the nuisances elapse by officers from the respective sub-metros. It was observed that, the notices issued to the private schools were complied with fully and the public schools complied with some but still the following nuisances exist.

- Inadequate toilet and urinary facilities
- Dilapidated and insanitary toilet and urinary facilities
- Absence of dust bins
- Poor ventilation and lighting in the class rooms
- Overcrowding in the class rooms

The Unit recommends that the Metro Education Department should take the necessary steps in other to abate the above nuisances to advert a possible outbreak of sanitary related diseases in such schools.

4.3. HEALTH CARE FACILITIES INSPECTION

In this year, twenty four (24) health care facilities in the various electoral areas were inspected to ascertain their sanitary conditions and also offer health education in relation to sanitation

Sanitary conditions (nuisances) at the health care facilities.

1. Inadequate toilet and urinary facilities
2. Absences of disability toilet and urinary facilities
3. Inadequate hand washing facilities
4. Insanitary disposal of clinical waste
5. Failure to register with accredited solid waste contractors

OTHER ACTIVITIES UNDER TAKEN BY THE UNIT

For the year under review, the unit undertook 3 major other activities and these are as follows:
Health educational talk was delivered to food vendors in Shukura, Losso Park and its

environs under the invitation of the National Board for Small Scale Industries (NBSSI) in partnership with the Ministry of Inner City and Zongo Development (MICZD).

The topic under discussion was *Food Safety*

The vendors were engaged on

1. The kind of foodstuffs and ingredients they buy from the markets.
2. The need for the foodstuffs and ingredients to be raised 3ft from the ground.
3. General condition of their kitchen
4. Storage of raw and cooked food
5. Waste storage
6. Health status of the vendor
7. Appearance of the vendors
8. Personal hygiene among others

These are some of the pictures



Fig.2 officer delivering talk



Fig.2 officer delivering talk



Fig.3 cross section of participants Fig.4 cross section of participants

2. Health education delivered to isdee bakery and catering services at Adwenbu.

They were taking through:

- Proper hand washing
- Proper refuse disposal
- Provision and usage of personal protective equipment
- Reporting supervisor anytime on gets diarrhoea, has cut or sore and has persistent cough.



Fig 5 shows some workers of isdee bakery

fig.6 shows officer delivering health talk

During the third quarter, the assembly could not release fund for educational programs however, the unit undertook 4 major other activities and these are as follows:

Health educational talk was delivered to residence of Town Council Line within Lartebikorshie under the invitation of Light of Islam Youth Organisation, which is a non-governmental organisation based in the area.

Farmers around old Fadama were health educated to stop the use of waste water from the drain and rather use clean water either from hand dug well since the place is a waterlogged area or pipe borne water.

There was another health educational program carried out under the auspices of National Commission for Civic Education on Environmental Law

The issues talked about include:

- (a) Understanding what the law say about sanitation
- (b) The punitive measures
- (c) Provision of approved toilet facility
- (d) Proper storage of refuse
- (e) Desilting frontage drain
- (f) Registering with the accredited waste management contractor for refuse collection
- (g) Practising proper hand washing
- (h) Practising good personal hygiene among others.

Another very important exercise carried out was an in-house training program for the Nation Builders Corp Officers (NABCO) and National Service Personnel on expanded sanitation compliance and enforcement (ESICAPPs) data collection

These are some of the pictures



Officer delivering a speech at Town Council Line on Sanitation issues



*Officer health educating participants on Environmental Law
And educating vegetable farmer on best practices*



NABCO personnel participating in the ESICAPPs data collection training

During the fourth quarter, the assembly could not release fund for educational programs however, the unit undertook 4 major other activities and these are as follows:

There was a hygiene education at Imam Adamu mosque at Zongo.

Sensitization exercise on hygiene and sanitation was carried out Al huda mosque located at Town Council Line, Max Duodoo Presbyterian church and Apostolic church all located at Lartebikorshie.

The issues talked about include:

- (a) Understanding what the law say about sanitation
- (b) The punitive measures

- (c) Provision of approved toilet facility
- (d) Proper storage of refuse
- (e) Desilting frontage drain
- (f) Registering with the accredited waste management contractor for refuse collection
- (g) Practising proper hand washing
- (h) Practising good personal hygiene among others.



Officer health educating congregants on environmental health and sanitation

3. for the year under review, Zoom lion spraying gangs were supervised while they carried out their routine spraying of sanitary sites and drains within the municipalities.

Below are some pictures to that effect



One very important task carried out during the year under review is the distribution of aqua tabs for water purification where two aquatab tablets are put in 10 litres of water after 30 minutes before drinking. Table clothes were equally distributed to food vendors with inscription on cholera awareness.

THE FOLLOWING PICTURES SHOW OFFICERS EDUCATING AND DISTRIBUTING TABLE CLOTH AND AQUATAB.





4.4. CHALLENGES OF FIELD OFFICERS

1. Difficulties in getting accused persons admitted in police stations and prisons.
2. Inadequate office accommodation and furniture
3. Lack of funds to provide feeding for convicts and accuse persons remanded in police custody
4. Lack of protective clothing such as rain coat and Wellington boot.
5. Lack of uniform and reflectors for officers.
6. Very difficult for the assembly to support the unit for educational programs.

7. For the year under review most of the memos written requesting for funds to carryout programs was honored which demotivate and demoralize officers from bringing out their best.
8. Very difficult getting vehicle to attend to complaints.

These challenges when addressed will go a long way to increase the productivity and performance of field workers there by achieving the president dream of making Accra the cleaners' city in Africa.

SANITATION

The sanitation unit in collaboration with Zoomlion Ghana Limited have employed laborers to enable the Assembly achieve its goals.

LABOUR STRENGTH

The labor strength is as follows:

- a. Female staff : sweepers- 27
 - Leaders - 3
 - Cleansing Officer - 1
 - Total - 31
 - b. Male Staff: Refuse loaders – 7
 - Tricycle Riders – 6
 - Weeding Gang- 4
 - Loaders- 2
 - Supervisor – 1
 - Total 20
- Total staff (male & female) – 51

VEHICLE

PARTICULARS	NO. RECEIVED	CONDITION	REMARKS
Tricycles	12	10 good	2 broken down
Borla taxi	1	Bad	Broken down
Compactor truck	1	Good	Good
Skip truck	1	Good	Good

TOOLS/EQUIPMENT

ITEMS	SUPPLIED	IN USE	IN STOCK
Wheel barrows	15	9	6
Shovels	15	10	5
Spades	10	7	3
Rakes	25	20	5
Wellington boots	40	25	15
Cutlass	20	12	8
Rain coat	25	25	Nil
Hand gloves	40	40	Nil
Nose mask	1box	1/2box	1/2box
Ali brooms	50	50	Nil

OFFICE DETERGENT

EQUIPMENT	QUANTITY SUPPLY	STOCK USE	IN STOCK
Parazol	10 gallons	5 gallons	5 gallons
Dettol	10 gallons	5 gallons	5 gallons
Glass cleaner	25 gallons	10 gallons	15 gallons
Liquid soap	5 gallons	3 gallons	2 gallons
Dusters	30 pieces	20 pieces	10 gallons
Toilet brushes	15pieces	12 pieces	3 pieces
Mob brushes	10 pieces	7 pieces	3 pieces
Brush sticks	10 pieces	8 pieces	2 pieces
Izal	5 gallons	4 gallons	1 gallon
Floor clear	10 gallons	8 gallons	2 gallons

MINISTRY OF WATER AND SANITATION BINS

LITTER BINS	BINS RECEIVED	LOCATIONS
240 Litre	6 Litre bins	Kaneshie (Dr Busia Road)
110 litre	27 litre bins	❖ Flamingo to 1 st light

		❖ Oblogo road ❖ Ring road west
240 litre	80 litre bins	Gov't schools

NATIONAL SANITATION DAY EXERCISE

DATE	LOCATIONS
5 TH Jan. 2019	Abossey Okai spare parts areas/Kaneshie
2 nd Feb. 2019	Mataheko/ Abossey Okai
2 nd March, 2019	Sukura
6 th April, 2019	Zamrama line
4 th May, 2019	Agbogloboshie i.e. Onion market area
1 st June, 2019	Sukura
6 th July, 2019	Russia/Gbortui electoral area
3 rd August, 2019	Lartebiokorshie electoral area
7 th September, 2019	Mataheko electoral area
5 th October, 2019	Adwembu electoral area
2 nd November, 2019	Zamrama line
7 th December, 2019	Nmenmeete (Zongo) electoral area

The National Sanitation exercise were successfully participated by Municipal Assembly staff, community members, traders and opinion leaders.

SPECIAL CLEAN-UP

LOCATIONS	PARTICIPATION
Adwembu electoral area church of Pentecost, Abossey Okai branch	Church members & Assembly staff
Presbyterian church of Ghana (Zongo junction)	Church members & Assembly staff
Abossey Okai spare parts	Abossey Okai traders & Assembly staff
Agbogloboshie (Onion market)	Assembly staff
Lartebiokorshie Russia trotro station	Hon Assembly members & Assembly staff

Freedom market area Mataheko/Kaneshie Adwembu Sukura trotro station	
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WEEDING

LOCATION	ACTIVITIES	REMARKS
Flamingo to 1 st light	Weeding/ collection	Completed
Graphic Road		On-going
Salvation/ Radio Gold Traffic light		Completed
Ring Road West		On-going

DESILTING DRAINS

S/N	LOCATIONS	ACTIVITIES	REMARKS
1	Kaneshie Takoradi station drain	a. Desilting b. Silt collection c. Refuse collection	Successfully carried out
2	Storm drain Adwembu	a. Desilting b. Collection	Successfully carried out
3	Abossey Okai (City light) Storm drain chamber	a. Silt collection b. Desilting c. Refuse collection	Successfully carried out
4	Flamingo drain (1st)	a. Desilting b. Silt collection	Successfully carried out
5	Abossey Okai (Pamprom) Storm drain	a. Desilting b. Silt collection c. Refuse collection	Successfully carried out
6	Agbogbloshie Road (Onion market	a. Desilting	Successfully

	drain)	b. Silt collection c. Refuse collection	carried out
7	Lartebiokorshie May Fair drain	a. Desilting b. Silt collection	Successfully carried out
8	Flamingo drain (2 nd)	a. Desilting b. Collection of silt	Successfully carried out

REFUSE CONTAINERS

S/N	LOCATIONS	NO. OF CONTAINER	NO. OF TIMES LIFTED
1	Mataheko (Dansoman station)	1	Weekly
2	Ayigbe Town (Zongo)	1	Two weeks
3	Freedom Market	1	Two weeks
4	Town Council Line	2	Weekly
5	Mambrouk park	1	Three weeks
6	Soko big drain	1	Three weeks
7	Ampal Area (Zongo)	1	Weekly
8	Joe Text park	1	Three weeks

- ❖ Used refuse containers – 9
 - ❖ Un-used refuse containers – 2
 - ❖ Spoilt refuse container – 1
- Total containers - 12

EVACUATION

DATE	LOCATION
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2 nd 3 rd & 4 th March, 2019	Kaneshie (Abossey Okai) Takoradi station area
26 th and 28 th Sept. 2019	Abossey Okai spare parts area
13 th to 15 th Dec. 2019	Abossey Okai spare parts area

SWEEPING AND COLLECTION

The cleansing staff under the Sanitation Unit engaged in daily sweeping and collection at the following areas (roads)

- a. Kaneshie main road (Dr Busia road)
- b. Mortuary road (Ring road west)
- c. Graphic Road
- d. Oblogo Road
- e. Zamrama line
- f. Sukura/ Russia areas
- g. Salvation to Kaneshie Takoradi station
- h. Dansoman junction to 1st light traffic
- i. Flamingo to 1st light traffic junction

FLOOD AREAS

DATE	ACTIVITIES	LOCATIONS	REMARKS
7 TH April, 2019	Heap of refuse collection	1 st light Mataheko area	Successful
8 th April, 2019	Heap of refuse collection	Zongo/ Gaskia	Successful
9 th April, 2019	Heap of refuse collection	Adwembu communities	Successful

CHALLENGES

1. Additional labor strength needed i.e. (tricycle riders, refuse loaders, sweepers and leaders/supervisors)
2. Monthly allowance should be paid on time (Sunday special work)
3. The unit needs motor cycles for monitoring daily duties within the municipality
4. Inadequate logistics such as hand gloves, long brooms, shovels, spades etc.

RECOMMENDATION

1. Broken down borla taxi should be replaced or repaired as soon as possible
2. Salaries should be paid on time.