

JAMAN SOUTH MUNICIPAL ASSEMBLY

In case of reply the number and



REPUBLIC OF GHANA

Office of the Municipal Assembly

P.O. Box 5

Drobo – B/A

Ghana

Date: 9TH JANUARY, 2025.

Telephone: 0352196521

Our Ref: JSMA/

Your Ref:

SUBMISSION OF ANNUAL REPORT ON ENVIRONMENTAL HEALTH AND SANITATION- 2024

I hereby submit the above report on Environmental Health and Sanitation activities for your study and necessary approval.

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HUMPHREY BRANDT
MUNICIPAL ENVIRONMENTAL HEALTH ANALYST

THE MUNICIPAL CHIEF EXECUTIVE
JAMAN SOUTH MUNICIPAL ASSEMBLY
DROBO

Cc:
THE REGIONAL ENVIRONMENTAL HEALTH DIRECTOR
BONO REGION
SUNYANI

1. INTRODUCTION

This report covers all environmental health and sanitation activities carried out within the year 2024 in the Jaman South Municipal Assembly.

2. BACKGROUND OF THE JAMAN SOUTH MUNICIPAL ASSEMBLY

The Jaman south municipal is one of the twelve (12) administrative districts in the Bono region of Ghana with Drobo as its capital. It shares common borders with Berekum West district to the south- east, Jaman north district to the north, Dormaa municipal to the south and La Cote d'ivoire in the west.

The Municipality has a total land area of about 798 kilometer square (270 sq. meter) with a population of about 115,192 comprising of 56,444 (49%) males and 58,748 (51%) females with about 130 settlements most of which are rural communities and have a population less than 400. The main economic activities of the general population are farming.

2a. STAFF STRENGTH

The unit is made up of the following officers.

SN	GRADE	NUMBER OF STAFFS
1	Environmental Health Analyst	2
2	Chief Environmental Health Assistant	2
3	Environmental Health Officer II	3
4	Principal Environmental Health Assistant	1
5	Senior Environmental Health Assistant	5
6	Environmental Health Assistant	6
7	Total	19

2b. AUXILLARY STAFFS

SN	CATEGORY	NUMBER OF WORKERS
1	Sweepers	26
2	Clearing gang	3
3	Total	29

2c. TRANSFER/ POSTINGS/VACATION OF POST

During the year under review, there were no transfers, posting and vacation of post by an Officer into or out the Municipality.

3. FOOD HYGIENE AND SAFETY

3a. TRAINING /NUTRITION EDUCATION FOR FOOD VENDORS/ SCHOOL FEEDING CONTRACTORS

During the year under review, a lot of training and education programs were organized for food vendors in the Municipality, these Participants includes:

School feeding cooks, food handles, chop bar operators, drinking bar operators, hotel/ guesthouse attendants etc. These exercise were organized in different places such as schools, churches and mosques.

Participants were educated on food safety, Anemia prevention, personal hygiene, cleaning of their environment, washing of cooking utensils and also safe refuse storage. They were also sensitized on the need to undergo medical health screening. The training exercise which took

place in the first quarter of the reporting year had a total attendants of seven hundred and eighty two (782) in the municipality.

The table below shows the number of food vendors and school feeding contractors trained at each of the area councils.

S/ N	Place/Venue (Zonal council)	No. Of Food Vendors Trained/ Oriented	No. Of School Feeding Contractors Trained/ Oriented	Total Participants	Topics Oriented	Date
1	Drobo Zonal Council	124	21	145	-Food/meat safety -Right proportion of nutrients. Water and sanitation -Personal Hygiene	11/01/2024
2	Adamsu Zonal Council	94	12	106	- Food safety - Right proportion of nutrients. - Prevention of Anemia -Personal Hygiene	12/01/2024
3	Zezera Zonal Council	61	9	70	- Food safety - Right proportion of nutrients. - Prevention of Anemia -Personal Hygiene	15/01/2024
4	Kwameseikrom Zonal Council	73	14	87	- Food safety - Right proportion	17/01/2024

					of nutrients. - Prevention of Anemia - Personal Hygiene	
5	Jenjemireja Zonal Council	79	13	92	- Food safety - Right proportion of nutrients. - Prevention of Anemia - Personal Hygiene	17/01/2024
6	Atuna Zonal Council	64	10	74	- Food safety - Right proportion of nutrients. - Prevention of Anemia - Personal Hygiene	19/01/2024
7	Japekrom Zonal Council	101	15	116	- Food safety - Right proportion of nutrients. - Prevention of Anemia - Personal Hygiene	22/01/2024
8	Dwenem Zonal Council	80	12	92	- Food safety - Right proportion of nutrients. - Prevention of Anemia - Personal Hygiene	24/01/2024

9	Total	694	106	782		
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From the table above a total of Seven hundred and eighty-two (782) participants were engaged in the training programe across the eight (8) Zonal councils of the Jaman South Municipal Assembly.

3b. MEDICAL SCREENING OF FOOD VENDORS EXERCISE REPORT FOR 2023

The Environmental Health and Sanitation Unit of Jaman South Municipal Assembly in collaboration with Kings "A" Medical Laboratory and Diagnostic Services organized a one (1) month medical screening exercise for food vendors in all the eight (8) Zonal council of the municipality

The aim of this exercise is to stop the possible spread of food borne diseases from vendors to their prospective customers and to enable vendors produce wholesome food/drinks in the Municipality.

The exercise began on Monday 26th February, 2024 and ended on Wednesday 20th March, 2024.

Food vendors screened during this exercise includes; chop bar operators, drinking bar operators, pure water producers, bread sellers, bakers, butchers, cold store operators, kenkey sellers, ice kenkey sellers, kooko/koose sellers, pure water sellers etc

The table below illustrates statistics of the 2024 medical screening of food vendors and handlers in the municipality.

No. of males screened	124	7.3%
No. of females screened	1579	92.7%
No. of vendors/ handlers testing negative to typhoid	1593	93.54%
No. of vendors testing positive to typhoid	110	6.46%
No. of vendors issued with health certificate	1593	93.54%
No. of health certificate withheld	110	6.4%
Total no. of food vendors/school feeding caterers screened	1703	100%

A total of One thousand seven hundred and three (1,703) vendors/handlers including One hundred and forty nine (149) representing 7.2% males and One thousand nine hundred and eighteen (1,918) representing 92.8% females.

One hundred and twenty eight (7.5 %) of the total number of vendors screened tested positive to typhoid with the remaining One thousand five hundred and seventy five (92.5%) tested negative to typhoid and were instantly issued with health certificate to operate.

Food vendors/handlers screened during this exercise included; chop bar operators, drinking bar operators, pure water producers, bread sellers, bakers, butchers, cold store operators, kenkey sellers, ice kenkey sellers, kooko/koose sellers, pure water sellers, fufu pounders, fufu machine operators etc.

3c. MEAT INSPECTION

During the period under review, animals pass fit and slaughtered were inspected for human consumption, these animals includes: cattle, sheep/ goats and pigs.

The table below shows the total number of animals slaughtered and pass fit for consumption.

S/N	ZONAL COUNCIL	CATTLE	SHEEP/GOAT	PIG
1	JAPEKROM	270	116	60
2	DROBO	268	129	128
3	DWENEM	178	47	122
4	KWAMESEIKROM	84	73	33
5	JENJEMIREJA	39	61	49
6	ATUNA	72	49	39
7	ADAMSU	55	54	45
8	ZEZERA	35	23	17
9	TOTAL	1001	552	476

During this period under review, a total of 1001 cattle, 552 sheep/ goats and 476 pigs were passed fit and slaughtered.

The table below illustrate the number of chop bars, drinking spots and others inspected in the municipality.

Zonal council	Places/establ ishments visited	No. of establishments visited	No. of vendors/ handlers/operators operating with health certificate	No. of vendors/ handlers operating without health certificate
	Chop bars/			

Drobo	eating places	200	482	44
	Drinking spots	80	182	18
	Sachet water producers	12	48	8
Japekrom	Chop bars/ eating places	118	222	13
	Drinking spots	54	93	13
	Sachet water producers	2	12	3
Dwenem	Chop bars/ eating places	76	179	5
	Drinking spots	50	104	6
	Sachet water producers	0	0	0
Adamsu	Chop bars/ eating places	31	171	6
	Drinking spots	50	156	12
	Sachet water	0	0	0

	producers			
Atuna	Chop bars/ eating places	51	139	22
	Drinking spots	31	67	7
	Sachet water producers	0	0	0
Kwamesekrom	Chop bars/ eating places	39	164	12
	Drinking spots	25	37	14
	Sachet water producers	0	0	0
Jenjemireja	Chop bars/ eating places	32	79	9
	Drinking spots	34	57	8
	Sachet water producers	0	0	0
Zezera	Chop bars/ eating places	19	39	13
	Drinking	34	59	12

	spots			
	Sachet water producers	0	0	0
Total		938	2292	225

From the table above, there is a total of Six hundred and eighty six (686) chop bars/restaurants available in the municipality out of this total, the unit inspected Six hundred and forty seven (647) chop bars/ restaurants representing 94.3%. Also there is a total of Five hundred and fifteen (515) drinking spot and others out of which the unit inspected Four hundred and ninety six (496) representing 96.3%.

During these inspections, vendors operating under unhygienic conditions were given education on how to keep their premises clean to prevent a possible contamination and an outbreak of food borne diseases in the Municipality. Our inspection also revealed that some food/ drinking spot vendors were operating without medical health certificate, all these offenders were served with abatement notices and those that refuse to undergo the medical screening were summon to appear before the Drobo district court for further actions to be taken against them and their operations.

The table below illustrate the number food vendors summoned before the Drobo district court for refusing to undergo the mandatory medical screening.

S/N	ZONAL COUNCIL	NO. OF VENDORS WITHOUT HEALTH CERTIFICATE	NO. SUMMONED	PERCENTAGE SUMMON
1	DROBO	194	38	19.6
2	JAPEKROM	82	9	10.9
3	ATUNA	47	4	8.5
4	ADAMSU	38	7	18.4
5	KWAMESEIKROM	31	8	25.8

6	JENJEMIREJA	19	3	15.7
7	DWENEM	49	6	12.2
8	ZEZERA	15	3	20.0
TOTAL		475	78	16.4

From the table above, there were Four hundred and seventy five (475) food/ drinking spot vendors found operating without health certificate however, Seventy eight (78) representing 16.4% of these vendors who refused to undergo the screening were summoned to appear before the Drobo District court for a redress.

3d. NUTRITION- ORIENTED INTERVENTIONS

During the year under review, the Environmental health and sanitation unit in collaboration with the Municipal health directorate carried out nutrition oriented intervention programs.

These interventions are aimed at improving good health and diseases prevention.

The table below shows nutrition oriented interventions carried out in the municipality.

S/N	NUTRITION-ORIENTED INTERVENTION	TARGET GROUP	TOTAL NO. ENROLLED	CHALLENGE	THE WAYFORWARD
1	Vitamin A supplementation	6 months to 59 months	6321	Low coverage	Increase school health services to reach more children
2	Girl Iron Folic Tablet supplementation (GIFTs)	J.H.S-S.H.S Girls	1614	Some J.H.S and S.H.S girls refuse to take the tablets because they think is a source of family planning	Enhance Sensitization of girls, opinion leaders and stakeholders on GIFTs

3	Iron and Folic Acid (IFA) for pregnant women	All pregnant women	IFA 3= 3018 IFA 6= 1123	Anaemia in pregnancy at 36 weeks high	Sensitize pregnant women on need to report early to health facility when pregnant.
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4a. WASTE MANAGEMENT (SOLID WASTE)

The table below shows an approved list of sanitation service providers in the municipality

S/N	SANITATION SERVICE PROVIDER
1	Zoom Lion Ghana Limited
2	Waste Landfills Company Limited, Accra.

The Jaman South Municipal Assembly and Faman traditional council renewed its final waste disposal site contract for the next four (4) years. This site which used to be managed by the assembly saw a lot of activities during the year under review. These activities includes: disinfection and disinfestation, quarterly pushing and compacting, creating of access road and creating of fire belt. All the activities mentioned were carried out by the Assembly with the exception of disinfection and disinfestation which was done by the Zoom Lion Ghana Limited.

During the year under review, the Zoom Lion Ghana Limited was responsible for controlling the activities of the container site management and transportation of refuse to the final disposal site.

4b. **PUBLIC SENSITIZATION/ EDUCATION**

During the year under review, a lot of sensitization and public education programs were organized by the Environmental Health and Sanitation Unit to curb crude dumping and open defecation in the Municipality. This resulted in reduction in the number of people who practiced improper storage of their household waste, open defecation and crude dumping.

4c. **SUPERVISION**

During the year under review, Environmental Health Officers were assigned to supervise the daily activities of Zoom Lion Ghana Limited and that of the sanitary laborers of the Assembly.

The table below shows the approved refuse dumps and households practicing good refuse storage in their various homes during the period under review.

No	ZONAL COUNCIL	No OF APPROVED REFUSE DUMPS	HOUSEHOLDS(HH)WITH GOOD REFUSE STORAGE FACILITY
1	DROBO	14	1674
2	JAPEKROM M	6	1725
3	ADAMSU	12	699
4	DWENEM	7	641
5	ATUNA	6	335

6	JENJEMIREJA	13	222
7	KWAMESEIKROM	10	1334
8	ZEZERA	23	530
9	TOTAL	83	7160

4d. LIQUID WASTE

During the year under review, three old public toilets which were under deplorable state were renovated and handed over to the communities for re-use. These communities included; Babianiha, Gonasua and Katakyyiekrom.

4e. TOILET FACILITIES

The table below represents the Zonal councils, number of houses, total number of toilet facilities and the types of toilet facilities in the Municipality.

YEAR		2022				2023			
S/N	Zonal council	Number of houses	No of houses with toilets facilities	Type of toilet facilities		Number of houses	No of houses with toilets facilities	Type of toilet facilities	
				VIP	W/C			VIP	W/C
1	Drobo	6903	3386	1910	1476	12093	3905	2209	1696
2	Japekrom	4129	1700	1220	480	7892	2098	1438	660

3	Adamsu	2583	1407	1222	203	3783	1723	1394	329
4	Dwenem	3401	1303	1126	182	5934	1465	1244	221
5	Atuna	2872	1179	938	241	4873	1587	1316	271
6	Kwamesekrom	2063	934	795	139	3855	1230	1051	179
7	Jenjemireja	1944	871	735	136	3452	1149	987	162
8	Zezera	2289	930	792	138	4102	1166	1007	159
9	Total	26,184	11,733	8738	2995	45984	14,321	10,646	3,675

From the table above, there have been massive improvement in households with toilet facilities since the number of households with toilet facility have increased from **11,733** in 2022 to **14,321** amounting to a percentage increase of **22.05%** in 2023.

The table below depicts institutional toilets facilities

LEVEL	PUBLIC SCHOOL	PRIVATE SCHOOL	TOTAL SCHOOLS	NO. OF SCHOOLS WITH TOILET FACILITIES	PERCENTAGE (%)
K.G	70	36	106	94	88.6%
PRIMARY	70	36	106	101	95.3%
J.H.S	55	19	74	69	93.2
S.H.S	2	4	6	6	100%
TOTAL	197	95	292	270	92.5%

From the table above, there is a total of two hundred and ninety two (292) schools in the municipality and out of this number, there are two hundred and seventy (270) schools representing 92.5% with toilet facilities available and functional for use.

4f. ZOOMLION (COMMUNAL CONTAINER)

During the period under review, refuse collected at the six (6) communal container sites were lifted every week by the truck to the final disposal sites.

5. PORT HEALTH

During the year under review, travelers to and from were screened and inspected of their international health certificate against yellow fever and other infectious diseases that can be transferred from one person to the other as the International Health Organization is been requested. Due to the pandemic of Covid-19 across the globe and per the government's directives towards the closure of all boarders, the borders in the Municipality that is both Kwameaseikrom and Atuna borders were close to human traffic with the exception of goods however, travellers moving to and from during the latter part of the year (in the fourth quarter) increased as the Government reduced the border closure directives. All Covid-19 protocols were put in place for these travellers hence our borders were safe during this period. The table below shows the number of travelers screened during this quarter.

ENTRY POINT	TOTAL NUMBER OF PEOPLE	NUMBER OF TRAVELERS SCREENED	NUMBER OF TRAVELERS WITH HEALTH	NUMBER OF TRAVELERS WITHOUT HEALTH
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			CERTIFICATE	CERTIFICATE
ATUNA	499	499	413	86
KWAMESEIKROM	432	432	322	110
TOTAL	531	531	735	196

6a. ROUTINE INSPECTION (PREMISES INSPECTION)

During the year under review, the unit carried out house to house and premises inspections at the various communities in the Municipality.

These nuisance commonly detected from our inspections were poor/ insanitary cow pen, unauthorized pit latrine, over growth of bushes, insanitary drains, accumulation of solid waste, water in catch pits, stray animals and noise pollution.

Some nuisances detected over this period were served with abatement notices while minor nuisances seen were given education to offenders to refrain from such habits.

6b. THE TABLE BELOW REPRESENT HOUSE TO HOUSE AND PREMISES INSPECTION RESULTS

ZONAL COUNCIL	No OF HOUSES INSPECTED	No OF NUISANCE DETECTED	No OF NUISANCE ABATED	PERCENTAGE OF ABATED NUISANCE
DROBO	4123	816	612	75
JAPEKROM	2984	619	343	55.4
ATUNA	1998	355	120	33.8
DWENEM	1127	462	287	62.12

JENJEMIRAJA	943	312	104	33.3
ADAMSU	1466	327	122	37.3
KWAMESEIKROM	2782	542	109	20.1
ZEZERA	1094	397	197	49.6
TOTAL	16,517	3830	1894	49.4

7. STRAY ANIMAL ARREST EXERCISE

During the period under review, measures were put in place to control the number of stray animals in the Municipality. These includes:

- Public education on the need to keep animals especially goat, sheep, cattle, pig etc in their pen.
- Seizure and impounding of stray animals.

Objectives of the exercise

1. To clear the Municipal capital from sanitation issues related to stray animals on the principal streets of Drobo.
2. To prevent road accidents caused by stray animals.
3. To prevent the destruction of public properties by stray animals.
4. To prevent the spread of zoonosis.

Number of stray animals seized and the cost involved

A total of about Three Hundred and Fifty (350) animals including Three Hundred and Twenty One (321) goats and Twenty Nine (29) sheep were seized and impounded in the Municipal Capital, Drobo.

8a. WATER AND SANITATION

During this period, there were periodic inspection of boreholes and mechanized boreholes, in areas where boreholes and its premises were found unhygienic. Education were given to water and sanitation committees in that particular communities.

8b. ACCESS TO SAFE DRINKING WATER

The Municipality have strong seven (7) small town water pipe system bore holes and dug-wells which serve as main source of water supply to the Municipality.

8c. HEALTH/ HYGIENE EDUCATION

During the year under review, series of public health sensitization programs were carried out in the Municipality. The areas captured in our sensitization programs included:

A number of public educations on environmental health and sanitation have been delivered on local radio stations in the Municipality by different groups of Environmental Health Officers to sensitize the community on the need to keep the environment clean and safe. During a durbar organized by the Drobo Traditional council, the Municipal Environmental Health Officer had the opportunity to educate the general population on the implication of poor sanitation and hygiene. The following salient points were raised and they are:

1. Noise Pollution Control
2. Land restoration
3. Hygiene Education
4. Environmental hazards
5. Cost of open defecation

9. COMMUNAL LABOUR

During the period under review, the Environmental health and sanitation unit supervised communal labours which were organized by some communities and their Honourable Assembly members and committee members.

The aim of these exercises were to make communities free of filth and to drain off choked gutters and drains. Also over growth of bushes were cleared in the environs. There were public health education given to participants at the communal labour grounds to encourage individuals on the need to keep their environment tidy and clean from filth.

Absentees of these communal labours were served with notices and charged with appropriate punishments by the traditional leaders in the respective communities.

The table below shows some communal labours, place, dates and the number of people who participated.

S/N	ZONAL COUNCIL	DATE	NO. OF PARTICIPANT		TOTAL	NO. OF PARTICIPANT		TOTAL
			MALE	FEMALE		MALE	FEMALE	
1	JAPEKROM		234	378	612	210	311	521
2	JENJEMIREJA		77	143	220	92	154	246
3	DWENEM		108	190	298	98	210	308
4	ZEZERA		79	121	200	86	133	219
5	KWAMESEIKROM		104	176	280	97	154	251
6	ATUNA		87	147	234	91	132	223
7	DROBO		321	544	865	423	587	1010
8	ADAMSU		130	187	317	137	177	314
TOTAL			1140	1886	302	1097	1681	3092

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10a. MARKET SANITATION

During the period under review, measures were put in place to ensure that all major markets, mini markets and lorry stations in the Municipality were kept clean. These measures included, daily sweeping, periodic weeding, health education, inspection of medical screening certificate of food vendors operated at markets and lorry parks in the Municipality. We also ensured that food stuffs were properly arranged on structures (tables) to prevent contamination and also ensured that wholesome food stuffs and ingredients were sold to prospective buyers. In our inspection, marketers who did not observe the hygiene protocols were given education.

10b. CENTRAL BUSINESS DISTRICT

During the period under review, the Central Business District (CBD) within the Municipality was always kept clean by the Environmental Health and Sanitation Unit and Zoomlion Ghana Limited.

Our town centres and other Public spaces were swept, weeded, cleansed and disinfected. Major drains were also distilled; our main markets and lorry parks were not left out in the exercise.

S/N	ACTIVITY	PLACE	
1	De-silting of gutters	Along principal streets of Drobo and Japekrom	
2	Sweeping and collection of refuse	Drobo main market, sakora park,	

		Japekrom market	
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11. EQUIPMENT

The following equipment and tools were used to carry out activities to ensure clean and safe environment in the Municipality during this quarter under review.

- Chemicals: Disinfectant, detergent and other appropriate chemicals
- Wheel barrows, cutlasses, shovels, pickaxes, spades, brooms and brushes
- Spraying Equipment: motorized spraying machine
- Protective clothing: Face mask, overalls, gloves and boots

12. CHALLENGES

- Delayed in supply of sanitary items affected delivery of service during the year under review.
- Inadequate slaughter houses/slab.

RECOMMENDATION

- There must be timely supply of sanitary items for efficient in service delivery.
- Additional slaughter houses/ slabs should be built in the Municipality.

CONCLUSION

The unit experience some level of challenges but sanitation service delivery was adequate for the year under review.

**STAFF LIST OF JAMAN SOUTH MUNICIPAL ASEEMBLY- ENVIRONMENTAL
HEALTH UNIT**

S/N	NAME OF OFFICER	GRADE
1	HUMPHREY BRANDT	ENVIRONMENTAL HEALTH ANALYST
2	ISAAC KWADWO BOAKYE	CHIEF ENV. HEALTH ASSISTANT
3	FRIMPONG GEORGE	CHIEF ENV. HEALTH ASST.
4	FRIMPONG CHRISTOPHER	ASST. ENV. HEALTH ANALYST
5	YAW AWEH	ENV. HEALTH OFFICER II
6	BERTHA AGYEI-BOATENG	PRINCIPAL ENV. HEALTH ASST.
7	GOLINAA EVANS	SEN. ENV. HEALTH ASSISTANT
9	DWOMOH PHILIP	SEN. ENV. HEALTH ASSISTANT
9	YEBOAH ANTHONY	SEN. ENV. HEALTH ASSISTANT
10	DAUDA ABIBA	ENV. HEALTH ASSISTANT
11	RUKAYATU SEIDU	SEN. ENV. HEALTH ASSISTANT
12	ALHASAN KUBARY	ENV. HEALTH ASSISTANT
13	ASUBONTENG HELENA	ENV. HEALTH ASSISTANT
14	FUSEINI AISHA JABAAH	ENV. HEALTH ASSISTANT
15	PATIENCE FOSUAA	ENV. HEALTH ASSISTANT
16	PRISCILLA ASUAMA	ENV. HEALTH ASSISTANT
17	ADONGO ABOMONG	ENV. HEALTH OFFICER II
18	AGNES AFIA MANU	ENV. HEALTH OFFICER II
19	EMMANUEL DIAWUO	ENV. HEALTH ASSISTANT

