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The USAID/Kenya and East Africa Afya Jijini Program



KUJENGA MAISHA EAST AFRICA-KUMEA

TYPE II FOR MEDICAL SUPPLY

ANNUAL PROGRESS REPORT



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TABLE OF CONTENT

| ITEM | PG |
|--|-----|
| 1.0 Project Objectives | 2 |
| 2.0 Project Target Areas..... | 2 |
| 3.0 Project Strategies..... | 2 |
| 4.0 Project Activities &Outputs..... | 3 |
| 5.0 Project Entry Process..... | 3 |
| 6.0 Selection & training of Community Health Volunteers..... | 4 |
| 7.0 Selection & Identification of ECD/Day care centres & Vulnerable households..... | 4 |
| 8.0 Provision & Distribution of Aqua tabs to ECD/Day care centres..... | 5 |
| 9.0 Provision & Distribution of Aqua tabs to Vulnerable Households..... | 6 |
| 10.0 Provision & Distribution of Handwashing equipment to ECD/Day care centres..... | 7-8 |
| 11.0 Urban Community Led Total Sanitation Process..... | 8 |
| 12.0 Promotion of Environmental Cleanliness through Clean up exercise..... | 9 |
| 13.0 Branding of ECD/Day care centres..... | 10 |
| 14.0 Development & Production of IEC Materials for ECD/Day care centres/Community..... | 11 |
| 15.0 School Health Reward Scheme..... | 11 |
| 16.0 Monthly Review Meetings with CHV per Sub counties..... | 11 |
| 17.0 Sub county WASH Coordination Meetings..... | 11 |
| 18.0 Key Outcomes & Impacts | 12 |

Annex 1: Project Activities Photos

Annex 2: List of Community Health Volunteers per sub county

1.0 Project Objectives

Improve community health and quality of life through hygiene promotion, Access to safe water and improved sanitation to informal settlement residents of Embakasi, Makadara and Starehe Sub Counties in Nairobi County.

Intermediate objectives

1. Facilitate access to safe water for use by communities
2. Promote Access to improved and sustainable sanitation at community level
3. Promote improved environmental hygiene and sanitation at household and community
4. Promote and integrate community participation in hygiene and sanitation promotion
5. Involvement of other key stakeholders in water, hygiene and sanitation promotion

2.0 Project areas

| Community /informal settlements | Sub county |
|--|---------------------|
| 1. Mlango Kubwa, Kosovo, Area 3 and 4, Number 10 in Mathare area | Starehe Sub county |
| 2. Viwandani slum and Lunga Lunga | Makadara Sub-county |
| 3. Mukuru kwa Njenga and Mukuru Reuben | Embakasi Sub county |

3.0 Project Strategies

- a) Utilize community led total sanitation approach to promote improved sanitation
- b) Utilize participatory methods and IEC concepts in promotion of hygiene and sanitation
- c) Targeting children
- d) Community involvement in water, hygiene and sanitation promotion
- e) Collaboration with various stakeholders i.e. Public health department, County health teams, provincial administration
- f) Gender fairness

4.0 Project Activities & Outputs

| Intermediate objectives | Key activities & Out puts |
|--|---|
| a) Facilitate access to safe water for use by communities | <ol style="list-style-type: none"> 1. Provision of water treatment products to 150no.vulnerable households to access safe water at points of use. 2. Provision of water treatment products to 150No.ECD centers to access safe water at points of use. |
| b) Promote Access to improved and sustainable sanitation at community level | <ol style="list-style-type: none"> 1. Initiate CLTS process & training in the 3no. village in each of the three target sub counties to enhance sustainable sanitation (9no. villages in total) 2. Provision of hand washing facilities for 150no. ECD centers |
| c) Promote improved environmental hygiene and sanitation at household and community | <ol style="list-style-type: none"> 1. Initiate clean ups in each of the three target sub counties to improve environmental hygiene and sanitation (9No. clean ups to be carried in the project area-3no. per sub county) 2. Hygiene and sanitation promotion by CHV's in each of the target areas in the three sub counties |
| d) Promote and integrate community participation in hygiene and sanitation promotion | <ol style="list-style-type: none"> 1. Training of CHV and community resource persons- 2. Design and development of IEC Materials 3. Branding of ECD centers 4. Initiate Reward scheme for ECD centers and individual children actively involved & participating in hygiene promotion |
| e) Involvement of other key stakeholders in water, hygiene and sanitation promotion | <ol style="list-style-type: none"> 1. Project orientation workshop-3no.(1No. per sub county) 2. Monthly review meetings and forums 18No. 3. Provision of training materials |

5.0 Project Entry Process

Project entry of WASH project to the sub counties was done through meetings with sub county health management teams and project orientation forums. The objective of the meetings with sub county health management teams was to provide a brief on the project objectives, interventions and level of involvement by the various sub county departments to enhance implementation. The objectives of project orientation forum was to create awareness on the projects objectives and interventions to the leadership at the sub county level to enhance project support during implementation. Project entry meetings were facilitated by Afya jijini WASH staff who liaised with sub county Medical Officer of Health and the County WASH focal person. Below find the meetings done at the sub county and the participation of the various stakeholders.

| Activity | No. of participants per sub county | | | | Comments |
|--|------------------------------------|----------|---------|--------|--|
| | Makadara | Embakasi | Starehe | totals | |
| 1. Sub county Health Management meetings | 6 | 8 | 7 | 21 | Project strategy and objectives agreed with Sub county MOH giving approval and providing guidance on project coordination & implementation support |
| 2. Project Orientation forums | 14 | 23 | 50 | 87 | Project objectives shared and project implementation plans shared with leaders and partners. Action plans for project intervention developed |
| Totals | 20 | 31 | 57 | 108 | |

6.0 Selection and training of community health volunteers

Community strategist in each sub county was tasked with identification and selection of Community health volunteers to work with projects towards promoting hygiene and sanitation and deliver the project mandates in the target areas. Each sub county identified 15no. community health volunteers to participate in the implementation of project activities. Training and orientation of community health volunteers was essential to enhance their capacity in hygiene and sanitation promotion. The training content was based on the approved community health volunteers training manual. The following are the key objective for their training

- a) To share experience in scaling up and improvement of hygiene and sanitation situation in target informal settlements
- b) To strengthen capacity of community health Volunteers in facilitating hygiene and sanitation promotion for Early Childhood /Day care centres and for vulnerable households in target informal settlements
- c) Increase awareness for effective implementation of hygiene and sanitation promotion for Afya jijini WASH Project
- d) Enhance capacity of community partners in facilitating hygiene promotion & community participation with linkages to safe water supply at point of use and environmental sanitation
- e) Facilitate development of community action plans for implementation of hygiene and sanitation promotion activities with involvement of Community Health Volunteers

Below are the dates and the number of participants trained in the respective sub counties

| sub county | Dates | Venue | No. of participants | Comments |
|---------------|--|---------------------------|---------------------|--|
| 1. Embakasi | 10 th October 2018 - 12 th October,2018 | Reuben Health Centre | 29 | Work plans developed for Community Health Volunteers and engagement contract signed& relevant reporting formats shared |
| 2. Starehe | 29 th October 2018-30 th October,2018 | Undugu Youth Centre | 33 | Work plans developed for Community Health Volunteers and engagement contract signed& relevant reporting formats shared |
| 3. Makadara | 1 st November,2018 to 2 nd November,2018 | Lunga Lunga Health Centre | 30 | Work plans developed for Community Health Volunteers and engagement contract signed& relevant reporting formats shared |
| Totals | | | 92 | |

Key sessions covered during the training are as follows

| Sessions | Topics |
|-----------------|--|
| 1. Water safety | <ol style="list-style-type: none"> 1. Importance of water for health 2. Water treatment at Households 3. Water treatment methods 4. Safe water storage 5. Health problems caused by water contamination |
| 2. Sanitation | <ol style="list-style-type: none"> 1. Component of sanitation and sanitation ladders 2. Environmental sanitation 3. Faecal Oral contamination routes & barriers 4. Health problem caused by poor sanitation |
| 3. Hygiene | <ol style="list-style-type: none"> 1. Types of hygiene 2. Personal hygiene 3. Food hygiene 4. Effective hand washing |

Reports for each of the workshop proceedings prepared and submitted to all the stakeholders.

7.0 Selection and identification of ECD/Day care centres and vulnerable households for project intervention

The Community health volunteers, the Community strategist, the sub county school health promotion officers and the WASH focal persons identified the target 50 ECD/Day care centres for project intervention in the respective sub counties. Each of the Community Health Volunteer was linked to specific ECD/Day care centres to carry out hygiene. Vulnerable households were identified from the Urban Led total sanitation triggered villages to create impact for hygiene and sanitation improvements.

| Sub county | ECD Identified | Households Identified | CHV Involved |
|------------|----------------|-----------------------|--------------|
| Embakasi | 50 | 50 | 15 |
| Starehe | 50 | 50 | 15 |
| Makadara | 50 | 50 | 15 |
| Totals | 150 | 150 | 45 |

8.0 Provision and distribution of aqua tabs to target ECD/ Day care Centres

The purpose for provision of aqua tabs is facilitate access of safe water to the ECD/Day care children. The distribution of the aqua tabs is done by the Community health volunteers who carry out hygiene and sanitation prior to provision of the aqua tabs. Also the Community health volunteers carry out demonstration of the water treatment process to ensure appropriate dosages are carried out by respective ECD/Day care Centres. The following is the provision and distribution of the aqua tabs in the project area

| Period | Sub county | No. of ECD/Day care centre receiving aqua tabs | No. of Aqua tabs distributed | Amount of water treated |
|------------------------|---------------|--|------------------------------|-------------------------|
| October –December 2018 | Starehe | 20 | 3500 | 70,000 |
| | Makadara | 15 | 2600 | 52,000 |
| | Embakasi | 20 | 4500 | 90,000 |
| | Totals | 55 | 10,600 | 212,000 |
| January –March 2019 | Starehe | 68 | 24,690 | 493,800 |
| | Makadara | 48 | 6,913 | 138,260 |
| | Embakasi | 58 | 21,000 | 420,000 |
| | Totals | 174 | 52,603 | 1,052,060 |
| April –June,2019 | Starehe | 155 | 19,245 | 384,900 |
| | Makadara | 61 | 8,330 | 166,600 |
| | Embakasi | 115 | 17,835 | 356,700 |
| | Totals | 331 | 45,410 | 908,200 |
| July-September,2019 | Starehe | 123 | 10,020 | 200,400 |
| | Makadara | 63 | 3,842 | 76,840 |
| | Embakasi | 84 | 7,208 | 144,160 |
| | Totals | 270 | 21070 | 421,400 |
| | | 830 | 130,183 | 2,603,660 |

The increase of ECD/Day care receiving aqua tabs is due to provision of aqua tabs to day care centres within the target area.

9.0 Provision and distribution of aqua tabs to Vulnerable households

The provision of aqua tabs was done mostly in the triggered villages to enhance access to safe water and reduce cases of diarrhoeal diseases. Community health volunteers carried out hygiene and sanitation promotion prior to provision of aqua tabs and also demonstrated to households on appropriate dosage to ensure that households are able to carry out water treatment on their own. Households are encouraged to use alternative safe water treatment options if aqua tabs are not available.

| Period | Sub county | No. of Households receiving aqua tabs | No. of Aqua tabs distributed | Amount of water treated |
|--------------------------------|---------------|---------------------------------------|------------------------------|-------------------------|
| October – December 2018 | Starehe | 50 | 2663 | 53,260 |
| | Makadara | 50 | 1568 | 31,360 |
| | Embakasi | 50 | 1300 | 26,000 |
| | Totals | 150 | 5,531 | 110,620 |
| January –March 2019 | Starehe | 111 | 1488 | 29,760 |
| | Makadara | 108 | 792 | 15,840 |
| | Embakasi | 80 | 600 | 12,000 |
| | Totals | 299 | 2,880 | 57,600 |
| April –June,2019 | Starehe | 515 | 5390 | 107,800 |
| | Makadara | 232 | 3377 | 67,540 |
| | Embakasi | 151 | 2833 | 56,660 |
| | Totals | 898 | 11,600 | 232,000 |
| July- September,2019 | Starehe | 445 | 5581 | 111,620 |
| | Makadara | 2845 | 6009 | 120,180 |
| | Embakasi | 179 | 7,208 | 144,160 |
| | Totals | 3,469 | 18,798 | 375,960 |

Demand for Aqua tabs for households has been high due to outbreak of diarrhoeal diseases in some of the villages in the informal settlements and hygiene and sanitation promotion by the community health volunteers.

10.0 Provision and distribution of hand washing equipment to target ECD/ Day care Centres

The project procured 300no. hand washing equipment and distributed to target ECD/Day care centre to enhance effective hand washing at the ECD/Day care centres and facilitate positive hygiene behaviour adaptation. The outcome has witnessed improved handwashing practices at the various ECD/Day care centres and replication of the same practices at household level. Through formation of school clubs handwashing champions at ECD /Day care centre have promoting effective handwashing in schools and the villages. Some ECD/Day care centre have bought more handwashing equipment to enhance effective handwashing in their own ECD/Day centres as sign of replication and appreciation of the Hygiene and sanitation practices for changes realized in the respective ECD/Day care centres. The following table provides the distribution of the handwashing equipment per sub counties.

| Reporting period | Sub counties | No. of ECD/Day care centres | No. of equipment provided to ECD/Day care centres | No. of participants involved | Comments |
|------------------|-----------------|-----------------------------|---|------------------------------|---|
| Jan-March 2019 | Starehe | 48 | 48 | 52 | 6no. ECD/Day care centres have managed to replicate hand washing equipment to meet the demand in school due to high population and also appreciate the hygiene & sanitation promotion |
| | Makadara | 46 | 46 | 65 | 5no.ECD/Day care Centres have replicated handwashing equipment due to high population and also appreciate the hygiene & sanitation promotion |
| | Embakasi | 48 | 48 | 71 | 4No.ECD/Day care centre have replicated handwashing equipment due to high population and also appreciate the hygiene & sanitation promotion |
| | Subtotal | 142 | 142 | 188 | |
| April –June 2019 | Starehe | 47 | 70 | 73 | Due to high population some ECD/Day centres received 2 hand washing equipment. Some equipment provided to health facilities for promotion of effective handwashing |
| | Makadara | 26 | 26 | 29 | All ECD/Day care have received handwashing equipment |
| | Embakasi | 38 | 41 | 55 | Due to high population some ECD/Day centres received 2 hand washing equipment. 12 no. handwashing equipment yet to be distributed to ECD/Day care centre |
| | Subtotal | 111 | 137 | 157 | |
| Totals | | 253 | 279 | 343 | |

Specific reports for provision of the hand washing equipment per sub county have been prepared and submitted.

11.0 Urban Community Led Total Sanitation process

To improve sanitation coverage Urban total sanitation process has been carried out in targeted villages in the project area. The activity was carried in liaison with sub county public health officer with WASH Focal persons coordinating the activity. The process has improved sanitation status in some villages by creating demand for improved sanitation. Land lords have liaised with Nairobi County Government to improve sewerage connections and also involved fresh life to provide sanitation facilities due to inadequate space in some of the villages. The following table provides an update of the villages covered and the progress attained.

| Reporting period | Sub county | village | No. of households | Sanitation improvements noted |
|-----------------------|------------|---------------------------|-------------------|--|
| October-December,2018 | Starehe | 1. Mathare No.10 | 3,113 | 30 New latrines |
| | | 2. Mathare 3B | 1327 | 25 New latrines |
| | | 3. Mathare 4B | 3,300 | 20 New latrines |
| | Makadara | 4. Paradise | 3500 | 40 New latrines |
| | | 5. Kingstone | 6000 | 35New latrines |
| | Embakasi | 6. Wape Wape | 1370 | 30 New Latrines 7 New sewer connections |
| | | 7. Rurii | 13050 | 12New Latrines 6 New sewer connections |
| | | 8. Bins | 1450 | 15 New Latrines 2 New Sewer connections |
| January –March 2019 | Starehe | 1. Gitathuru | 1074 | 20New latrines |
| | | 2. Nigeria | 1500 | 15 New latrines |
| April-June2019 | Embakasi | 1. Gatope | 1050 | 12 New Latrines No new sewer Connection |
| | | 2. Vietnam | 1000 | 10 New latrines No new sewer Connection |
| July-September 2019 | Starehe | 1. Mathare 3B-Kiboro Area | 1327 | Follow up being carried out |
| | | 2. Seldom | 2076 | Follow up being carried out |
| | Embakasi | 3. Kosovo | 1069 | Follow up being carried out |
| TOTALS | | 15No. | | |

12.0 Promote Environmental cleanliness through clean up exercises

The project facilitated clean up exercise in the triggered villages to improve environmental cleanliness and achieve the desired improved cleanliness in the project area. The project procured clean up equipment and tools for the 3 sub counties to enhance environmental cleanliness. The following are the villages that were involved in clean up exercise during the year.

| Reporting period | Sub county | village | No. of participants involved | Comments |
|-----------------------|------------|---------------------|------------------------------|---|
| October-December,2018 | Embakasi | 1. Bins | 39(31women&8Men) | Good participation from community members. |
| | | 2. Wape Wape | 25(19women &6men) | Good participation from community members. |
| | Starehe | 3. Mathare 3A | 17(4Men & 13Women) | Good participation from community members. |
| | Makadara | 4. Riddon | 20(12men & 8women) | Good participation from community members. |
| | | 5. Milimani | 15 women | Good participation from community members. |
| April –June ,2019 | Embakasi | 1. Rurii | 28(10men & 18 women) | Sub county PHO involved Good participation from community members. |
| | Starehe | 2. Mathare 3B | 32(9men & 23women) | Good participation from community members. |
| | Makadara | 3. Paradise village | 22(1man & 21 women) | Good participation from community members. |
| July – September,2019 | Embakasi | 1. Gatope | 19(8men &11 women) | Good participation from community members. |
| | Starehe | 2. Thayu | 37(15men &22women) | Activities coordinated by 2no.youth groups |
| | Makadara | 3. Jamaica | 28(1man &27women) | Good participation from community members |
| TOTALS | | 11No. | 282 Participants | |

The exercise has been carried out well in all the sub counties but there is problem in some of the areas i.e. in Starehe sub county, Waste and garbage disposal vehicles ferry waste and garbage from Eastleigh to dump them in various parts of Mathare slums especially areas bordering Eastleigh estate. The dumping of garbage along the roads has been sore sight in the community for long time and authorities need to penalize those involved.

13.0 Branding of ECD/Day care centres with hygiene messages & murals

As part of hygiene and sanitation promotion the project planned to enhance better understanding of hygiene improvements through branding of ECD/Day care centres with hygiene and sanitation messages. As per the work plans 10no. ECD Centres were identified per sub county. Therefore, 30no. ECD Centres were branded with hygiene message-based on effective hand washing steps. The following are the schools that were branded with hygiene messages. Branding was done during Jan.2019 to march 2019 period. The messages for branding was approved by USAID Afya Jijini Communication staff prior to branding.

| SUBCOUNTY | ECD/DAY CARE CENTER |
|---------------|---|
| 1. STAREHE | 1. KIBORO PRIMARY SCHOOL 2. MATHARI PRIMARY SCHOOL 3. VALLEY VIEW ECD CENTER 4. LEA TOTO ECD 5. ST. JAMES 6. MISSION OF HOPE -3B ALONG JUJA ROAD 7. SHOFCO 8. DESTINY –NEAR DARAJA 9. COMPHRENSIVE HOPE –NEAR UPENDO 10. MCO-4B |
| 2. MAKADARA | 1. MUKURU OUTREACH-PARADISE 2. BAPTIST PRIMARY SCHOOL-JAMAICA 3. PEFA-MILIMANI 4. EBENEZA NURSERY SCHOOL-RIDON 5. DYNAMIC- RIDON 6. LITTLE BELLS-KINGSTONE 7. SDA -KINGSTONE 8. STAR OF HOPE -MILIMANI 9. HOPE GATEWAY-SINAI 10. CALVARY COVENANT-PARADISE |
| 3. EMBAKASI | 1. ST. TERESA ACADEMY 2. GATOTO PRIMARY SCHOOL 3. REUBEN CENTER PRIMARY SCHOOL 4. BRAINS OPENER 5. NJENGA PRIMARY SCHOOL 6. OUR LADY OF NAZARANE 7. REDEEMED OAKLAND ACADEMY 8. ST. BAKITA 9. TWINSTER ACADEMY 10. ST. STEPHEN INTERGRATED |
| TOTALS | 30NO. ECD /DAY CARE CENTERS |



Branding done on the walls of the ECD/Day care centre/next to latrines & on water tanks

14.0 Development and production of IEC Materials for distribution to ECD/Day care centres and community members

The project in liaison with WASH Focal persons and development artist developed IEC Materials for use at the ECD/Day care centres and also by the Community health volunteers', Project staff, Project partners and other stakeholders to promote key messages for hygiene and sanitation promotion. The messages focused on effective handwashing at critical times and use of latrines. The following are the type of materials developed.

| Type of materials | No. produced | Comments |
|-------------------|--------------|---|
| 1. Posters | 500 | Produced posters messages are in English and Kiswahili |
| 2. Brochures | 600 | Brochures messages are printed on both sides –English and Kiswahili |
| 3. T-shirts | 500 | Visuals of hand washing with soap and latrines-Messages in English |

The materials were presented to Community health volunteers to use during households visits and also provide to the ECD/Day care centres. However, some of the materials were distributed during the provision of the hand washing equipment to ECD/Day care centres for each sub county.

15.0 School Health reward schemes

The project liaised with sub county school health promotion officers to initiate reward scheme for best performing pupils in hygiene and sanitation promotion and best schools practicing health promotion. The schools had been identified in per sub county and list prepared but due to inadequate funding for these activities the scheme was shelved. In Makadara sub county, the School health promotion officer requested for some school competitions to be done to ascertain the best ECD/Day care centre but funding for the process has been inadequate. The amount budgeted for cannot sustain effectively those activities. It is only in Starehe sub county whereby the lists have been prepared for provision of certificates for the best performing schools and pupils that will be done in due course.

16.0 Monthly review meetings for Community Health Volunteers

The purpose of these meetings is to review activities done by each of the Community health volunteers contracted by the project. The meetings have been going on since October ,2019. The forums have essential in planning of project activities and reviewing implementation progress. So far the participation in these meetings has been satisfactory. Participants share experiences in implementation of activities and also present reports of what they have been able to undertake. Also during these meetings, the CHV restock their aqua tabs and other IEC materials in need. The following are the no. of meetings carried out during the reporting period.

| Reporting Period | Sub counties | No. of meetings | Comments |
|-----------------------|-----------------|-----------------|-----------------------------------|
| October-December,2018 | Starehe | 2 | Delayed due to CHV training |
| | Makadara | 2 | Delayed due to CHV training |
| | Embakasi | 3 | Minutes prepared for all meetings |
| | Subtotal | 7 | |
| Jan-March,2019 | Starehe | 3 | Minutes prepared for all meetings |
| | Makadara | 3 | Minutes prepared for all meetings |
| | Embakasi | 3 | Minutes prepared for all meetings |
| | Subtotal | 9 | |
| April-June,2019 | Starehe | 3 | Minutes prepared for all meetings |
| | Makadara | 3 | Minutes prepared for all meetings |
| | Embakasi | 3 | Minutes prepared for all meetings |
| | Subtotal | 9 | |
| July –September 2019 | Starehe | 3 | Minutes prepared for all meetings |
| | Makadara | 3 | Minutes prepared for all meetings |
| | Embakasi | 3 | Minutes prepared for all meetings |
| | Subtotal | 9 | |
| Totals | | 34 | |

17.0 Sub county WASH meetings

The Sub county WASH meetings were introduced in the project to improve project coordination and implementation at the sub county level. The meeting focus on how to improve implementation and the participation of various stakeholders to enhance project implementation. The following are the meetings carried during the project implementation process.

| Reporting Period | Sub counties | No. of meetings | Comments |
|-----------------------|--------------|-----------------|--|
| September ,2018 | Starehe | 1 | Initial meetings for project planning & implementation |
| | Makadara | 2 | Initial meetings for project planning & implementation |
| | Embakasi | 1 | Initial meetings for project planning & implementation |
| | Subtotal | 4 | |
| October-December,2018 | Starehe | 2 | Implementation review meetings |
| | Makadara | 0 | |
| | Embakasi | 0 | |
| | Subtotal | 2 | |
| Jan-March 2019 | Starehe | 2 | Implementation review meetings |
| | Makadara | 1 | |
| | Embakasi | 1 | |
| | Subtotal | 4 | |
| July –Sept.2019 | Starehe | 1 | Implementation review meeting |
| | Makadara | 0 | |
| | Embakasi | 2 | Implementation review meetings |
| | Subtotal | 3 | |
| Totals | | 13No. | |

The meetings are few due to the participation of WASH officers in the monthly review meetings which involves the WASH focal persons, Community strategists and the Community Health Assistants.

18.0 Key Outcomes and Impacts

18.1 Replication of handwashing equipment at various ECD/Day care centres

The ECD/Day care centres appreciated the effective use of the handwashing equipment provided by the project to enhance handwashing and hence decided to procure their own as an indicator of appreciation and the impact it has provided to enhance personal hygiene at the ECD Centres. Also the high population at the ECD/Day care centre cannot be served by few handwashing equipment hence the need for more. The replication has also been a reflection of increased hygiene and sanitation promotion by the community health volunteers. The following had improved hygiene and also procured additional hand washing equipment

- i. Charisma ECD Centre- provided additional hand washing equipment& sanitation improvement
- ii. Calvary Covenant ECD Centre - (provided additional hand washing equipment& sanitation improvement
- iii. Ngotas Upendo ECD in Mabatini ward has been able to replicate 2no. hand washing equipment to improve effective hand washing among the school children
- iv. Joram Educational Centre also added 1no. additional hand washing equipment to improve hand washing for ECD children
- v. Maji Mazuri ECD bought additional hand washing equipment to facilitate effective hand washing
- vi. SHOFKO ECD Centre – have bought 2no. additional hand washing equipment
- vii. New Mathare ECD has bought 2no. additional hand washing equipment
- viii. St. Stephen ECD Centre in Embakasi Subcounty

18.2 Demand for safe water and aqua tabs

During the implementation of the project aqua tabs distribution was initially focused to the triggered villages to increase the impact of project intervention in the triggered villages and target vulnerable households. The demand for aqua tabs increased rapidly due to hygiene and sanitation promotion by the community health volunteers and the need of households to access safe water as measure of reducing the spread of diarrhoeal diseases. The demand for aqua tabs has risen in all the three sub counties and the community are now willing to adapt the use of water guard as alternative to aqua tabs as long as the access safe water.

18.3 Improvement of sanitation facilities at the various ECD/Day care centres

At the inception of the project most of the ECD/Day care centres were sharing latrines with tenants. After the project intervention the ECD/Day care centre realized the need to improve sanitation facilities. Therefore, some decided to construct their own sanitation facilities while other Fresh life to offer the facility to enhance sanitation. Sanitation has improved in all the target ECD/Day care centres that the project has intervened due to increased hygiene and sanitation promotion. i.e. Nissi educational centre constructed 3no. latrines and Siloam Education centre rehabilitated their 2no. pit latrines to ensure improved sanitation access and effective use. The following ECDs were identified to have improved their hygiene and sanitation situation including having clean latrines

- i. Chachas ECD Centre school
- ii. Mwangaza ECD school
- iii. Fadhili ECD school
- iv. St.Teresa School
- v. Lunga Lunga Baptist ECD Center-Jamaica village
- vi. Hope gateway ECD Center- Jamaica village
- vii. PEFA Lunga Lunga ECD Center- Jamaica village
- viii. Little Bells ECD Center –Kingstone village
- ix. St.Elizabeth ECD Center –Kingstone village

- x. Some ECD/Day care centres have partnered with fresh life for provision of sanitation facilities in their respective centres i.e. Vasels Academy, Patmos , Hope Compassion and Mabawa have 2no. Latrines each while LEA Education Centre and Centre of Transformation have 1 no. Latrine each.

18.4 Improvement of sanitation in various villages

The implementation of urban Community total sanitation in the project has had an impact in improvement of sanitation. The impact has been realized in villages covered during the community led total sanitation process i.e. in Starehe subcounty-Landlord have paying up to Kshs. 5,000 to have the sewer lines connected to the main lines. Mathare 4B village – Over 40 latrines have been constructed to improve sanitation access More latrines have been constructed in Embakasi and Makdara sub county in targeted villages. Currently the subcounty health team in Embakasi sub county is working with Nairobi Water company to upgrade some of the sewerage lines in some of the targeted villages. The following have shown remarkable improvements i.e. Paradise village in Viwandani –for sanitation improvements,

18.5 Formation of WASH champions and improvements of Personal hygiene among children at the ECD/Day care centres

Some of the ECD/Day care centres have formed WASH champions to promote effective hand washing in their respective ECD/Day care and also in the community i.e. Bhakita primary school formed the handwashing champion club to enhance effective handwashing among children and St.Teresa ECD carried out rehearsals for effective handwashing for nearby Wape Wape village, Damascus ECD school have drawn their own IEC messages based on hygiene and sanitation promotion.

“Some visitors visited the school and were impressed by the good behavior change among the children hence decided to buy toothpaste and brush for all the children to promote personal hygiene”.

18.6 Improved Environmental Sanitation due to sustainable clean up exercise

Clean up exercise in some of the targeted villages have improved environmental cleanliness with youths engaging in periodic clean up exercises on their own. The project worked with youth groups to improve cleanliness in Matthare 3C and Thayu villages and the process has been on-going due to their commitment to improve their environment. The rationale to involve the youths was meant to develop capacity and sustainable garbage collection, create awareness on clean environment and empower youth in garbage collection & disposal, encourage community participation in garbage collection and scale up cleanliness through clean up exercise. The two youth groups Shantit city and big brothers have been consistent in assisting the communities undertake clean up exercise on their own hence improving environment cleanliness.

ANNEX 1: PROJECT ACTIVITIES PHOTOS



Photo 1-2: CHV Mueni showing Destiny ECD Children effective handwashing procedures-Mabatini ward, Starehe sub county



2.ECD Children practicing effective hand washing at Dynamic ECD centre in Makadara sub county



CHV Monica Njeri distributing aqua tabs to households in Mabatini ward- Starehe subcounty



4. CHV Wanza demonstrating effective hand washing with Glorious ECD Children – Mlango Kubwa ward,Starehe subcounty

ST. JAMES PRIMARY SCHOOL
- On ECD Toilet Corridor, next to hand washing taps



5. Branding of St. James Primary School ECD with Hygiene message & mural

MISSION OF HOPE - KOSOVO
- On the toilet Block



6.Branding of Mission of Hope with Hygiene message & mural



7.Pendo Day care receiving Hand washing equipment –Reuben Ward Embakasi subcounty



8.St. Mary ECD receiving handwashing Equipment-Reuben Ward, Embakasi subcounty



9.Rejoice ECD receiving handwashing Equipment-Reuben Ward, Embakasi subcounty



10.Greenhill academy ECD receiving handwashing Equipment-Njenga Ward Embakasi subcounty



11.Fair Oak ECD receiving handwashing Equipment-Njenga Ward Embakasi subcounty



12.Bridge Academy ECD receiving handwashing Equipment-Njenga Ward Embakasi subcounty



13.Brilliant ECD receiving handwashing Equipment-Viwandani ward, Makadara



14.PCEA Elite ECD receiving hand washing equipment- Viwandani ward, Makadara



15.St.Elizabeth ECD receiving hand washing equipment- Viwandani ward, Makadara



16.SA Community ECD receiving hand washing equipment-Starehe subcounty



17.KAG ECD receiving hand washing equipment- Starehe subcounty



18.Faith ECD receiving hand washing equipment- Starehe subcounty



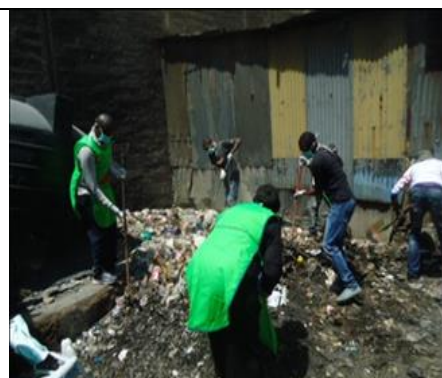
19. ECD/Day care centre teachers receiving aqua tabs & IEC materials- Embakasi subcounty



20.ECD/Day care centre teachers receiving aqua tabs & IEC materials- Makadara subcounty



21.ECD/Day care centre teachers receiving aqua tabs & IEC materials- Starehe subcounty



22. Clean up exercise for Rurii village- Reuben Ward, Embakasi subcounty



23.. Clean up exercise for Rurii village- Reuben Ward, Embakasi subcounty



24.. Clean up exercise for Rurii village- Reuben Ward, Embakasi subcounty



25. Clean up exercise in Thayu village-Mathare no.10-Starehe subcounty



26. Clean up exercise in Thayu village-Mathare no.10-Starehe subcounty



27. Clean up exercise in Thayu village-Mathare no.10-Starehe subcounty



28. Clean up exercise in Jamaica village, Viwandani Ward-Makadara subcounty



29. Clean up exercise in Jamaica village, Viwandani Ward-Makadara subcounty



30. Clean up exercise in Jamaica village, Viwandani Ward-Makadara subcounty



31. Delivery of clean up equipment & tools for Starehe subcounty at Huruma lions health centre



32. Delivery of clean up equipment & tools for Makadara subcounty at Lunga Lunga Health centre



33. Delivery of clean up equipment & tools for Embakasi subcounty



34. Participatory mapping exercise during Urban Community Led Total sanitation in Mathare 3B village-Starehe subcounty



35. Transect walk profiles to assess village sanitation status during urban community led total sanitation in Mathare 3B village- Starehe subcounty



36. Triggering aspects of eating food that is tainted with faeces during urban community led total sanitation in Mathare 3B Village- Starehe subcounty during the



37. Participatory mapping exercise during Urban Community Led Total sanitation in Vietnam village –Njenga ward, Embakasi subcounty



38. Scooping faeces during transect walk profiles to assess sanitation situation in Vietnam village during the urban community led total sanitation exercise



39. Subcounty public health officer discussing with community members during the triggering exercise in Vietnam village - Njenga ward, Embakasi subcounty



40. Monthly review meeting for Embakasi subcounty at Reuben Health Centre involving project staff, CHVs and Public health staff



41. CHVs collecting aqua tabs at Mukuru health centre for distribution to vulnerable households and ECD/Day care centres in the project area



42. Project orientation workshop for Embakasi subcounty at Ruben Health Centre ,October 2018.



43. Project Orientation forum for Starehe subcounty in October,2018 at Undugu Youth Centre



44. Monthly review meeting with CHV, Public health staff and project staff for Starehe subcounty at Huruma Lions Health centre



45. WASH coordination meeting to discuss implementation of activities in Feb.2019 for Starehe subcounty at Huruma Lions Health centre



46. Monthly review meeting with CHVs, Public health staff and project staff in July,2019 for Makadara subcounty at Lunga Lunga Health centre



47. CHVs collecting aqua tabs for distribution to target ECD/Day care centre and vulnerable households



48. School health promotion Officer, Naomi Kigan facilitating school health meetings during monthly review meetings for Makadara subcounty at Lunga Lunga Health centre



49. CHVs training for Starehe subcounty at Undugu Youth Centre- participants in group discussions



50. CHVs training for Embakasi subcounty at Ruben Health centre-Participants discussing & analysing the sanitation ladders



51. CHVs training for Makadara subcounty at Lunga Lunga Health centre – Participants discussing sanitation ladders for sanitation improvements

ANNEX 2: LIST OF COMMUNITY HEALTH VOLUNTEERS

MAKADARA SUBCOUNTY ECD/DAY CARE CENTERS AND COMMUNITY HEALTH VOLUNTEERS

| NAME OF COMMUNITY HEALTH VOLUNTEER | ECD CENTERS | DAY CARE CENTERS |
|------------------------------------|--|---------------------------|
| 1. ELIZABETH NDINDA | 1. CANA EDUCATION 2. BRAINS WEALTH 3. WOOD CRAFT 4. HOPE GATE | |
| 2. JOSEPHINE TATU | 5. REFFACO GARDEN 6. FULL GOSPEL 7. BRIDGE 8. PREPATORY | |
| 3. GRACE OMUREMBE | 9. UTU WEMA COMMUNITY 10. GOLDEN HEART CENTER 11. CALVARY COVENANT CENTER | |
| 4. WANJIKU NDUNGU | 12. GRACIOUS JUNIOR 13. EBENEZER 14. STAR OF HOPE | WA KUI WA GIKANDI |
| 5. BEATRICE ATIENO | 15. ST.MONICA 16. ROSE COLA 17. DM CARE | |
| 6. SCOLASTICA WAYWA | 18. GNCA 19. NEEMA 20. DYNAMIC | |
| 7. ROSEMARY NCHUGUNA | 21. JOY JUNIOR 22. SDA 23. ST.ELIZABETH 24. HEROES | MAMA LEON MAMA SHIKO |
| 8. ISIAYA NYAMBANE | 25. ST.LUCIA 26. ST.JAMES 27. LITTLE BELL 28. BRIDGE | MAMA WANGECHI |
| 9. MWENDE KIOKO | 29. MUKURU OUTREACH 30. CALVARY COVENANT CENTER 31. ST.JULIA FULL GOSPEL 32. CHARISMA | |
| 10. ASKA OMAYO | 33. PEFA 34. NAIROBI EAST 35. DEWAC JUNIOR 36. ST.BENACH | |
| 11. VERONICA WANJIKU | 37. BRILLIANT 38. FLORA 39. PROPRODAY | KWA MUKRINO KWA WAITER |
| 12. SUSAN KIMANI | 40. PCEA 41. FLAME 42. STAR OF HOPE | MITINGA WA MATATA |
| 13. ANSTANCIA NDELA | 43. BAPTIST PRIMARY 44. JAMAICA ACADEMY 45. PEFA ACADEMY | |
| 14. EMMA MWENDE | 46. BRIDGE ACADEMY 47. FLAM ACADEMY 48. BRILLIANT ACADEMY | |
| 15. JULIA WANJA | 49. MAMA KITHURE DAY CARE 50. MAMA CIIRU DAY CARE 51. MAMA CIILUS DAY CARE | |

COMMUNITY HEALTH VOLUNTEERS AND THE ECD/DAY CENTERS COVERED IN STAREHE SUBCOUNTY

| NAME OF COMMUNITY HEALTH VOLUNTEER | CONTACT | ECD/DAY CARE CENTERS |
|---|----------------|---|
| 1. AGNES WANJIKU | 0711-567125 | 1. NED EDUCATION 2. HOPE MISSION 3. REDEEMED MOTHER 4. ST. TERESA GIRLS PRI. |
| 2. FLORENCE MWIKALI | 0720-0260703 | 5. KIBORO 6. AKALA 7. BRIGHT ACADEMY 8. GLORIOUS |
| 3. SIMON BARAZA | 0720-579965 | 9. WHY NOT 10. DAYSTAR 11. FOUNTAIN CENTER 12. SHOFCO |
| 4. ANN NJERI | 0792-793262 | 13. ST. PAULINE 14. ST. PHILLIP 15. O7MATHARE ECD 16. EDEN |
| 5. ELIZABETH ODUOR | 0720-876748 | 17. ST.MICHAEL 18. GOTA 19. MUMO 20. PILOT |
| 6. MONICA WANJIRU | 0727-269978 | 21. JESSY SCHOOL 22. MAMA ROSE 23. JOYLAND 24. MASHIMONI |
| 7. DENISH OUMA | 0707-881603 | 25. HOPE BAPTIST 26. HOPE INTERNATIONAL 27. NEW MATHARE 28. PATMOS |
| 8. DORAH AWINJA | 0700-824473 | 29. GENESIS 30. LEA TOTO 31. TRANSFORMATION CENTER 32. SALVATION ARMY |
| 9. MARY OMOLO | 072-888249 | 33. AIC 34. MAMA AFRICA 35. MARANATHA 36. FAITH SCHOOL |
| 10. MARY WANJA | 0722-581328 | 37. MAJI MAZURI 38. BRIDGE 39. HOPE COMPASSION 40. REDEEMED 4B |
| 11. VERONICA WANJA | 0723-223513 | 41. GOLDEN BELL 42. MAMA NJORO 43. FORWARD ACADEMY 44. ACK |
| 12. ANN MUENI | 0721-634617 | 45. VALLEY VIEW 46. NAOTH ACADEMY 47. DESTINY 48. ST.JAMES |
| 13. GEORGE OUMA | 0728-819266 | 49. MISSION OF HOPE 50. INSPIRATION CENTER MCO NO.10 51. UPENDO AIC ECD |
| 14. MERCY NJERI | 0726-932172 | 52. BLESSED ACADEMY 53. KAG 54. ESPANA 55. DESTINY ACADEMY |
| 15. MARGARET NJOKI | 0714-101345 | 56. RICARDA 57. ANGEL GIRL 58. DESTINY 3C 59. AGAPE |

**EMBAKASI SUBCOUNTY LIST OF COMMUNITY HEALTH VOLUNTEERS & RESPECTIVE
ECD/DAY CARE CENTRES**

| NAME OF COMMUNITY HEALTH VOLUNTEER | ECD/DAY CARE CENTRE |
|---|----------------------------------|
| 1. Metrine Adhiambo | 1. Brain House |
| | 2. New Dawn |
| | 3. Tammy Agape |
| | 4. St. Stephen Academy |
| 2. Rose Ougo | 5. Mukuru Menno Academy |
| | 6. Everlyne Day Care |
| | 7. Baptist Community |
| | 8. Winners Education Centre |
| 3. Peter Mutinda | 9. Church on the rock |
| | 10. St. Florence |
| | 11. St. Barrack Learning Centre |
| 4. Esther Mungai | 12. Reuben AEF Primary |
| | 13. Green Field Community School |
| | 14. Happy Kids Academy |
| | 15. Gatoto Primary School |
| | 16. Rejoice |
| | 17. Jireh Academy |
| | 18. Precious Stars |
| 5. Alice Leah Wanini | 19. St. Perez Community School |
| | 20. Limmosy Academy |
| | 21. Victory Day Care |
| | 22. Pendo ECD |
| | 23. St. Marys Academy |
| | 24. Ushindi Junior |
| | 25. St.Teresa-Reuben |
| 6. Charles Omariba | 26. Sloam D |
| | 27. Reuben Junior |
| | 28. Benpal Intergrated |
| | 29. Mara children Centre |
| 7. Jane Nthenya | 30. Central Education Centre |
| | 31. Revival Education Centre |
| | 32. Imani Community Centre |
| 8. Christine Wachira | 33. Chachas Education Centre |
| | 34. Chatholine Community School |
| | 35. Mwangaza Mission School |
| 9. Lillian Cheptoo | 36. Siloam Education Centre |
| | 37. Downstream |
| 10. Ann Munini | 38. Jonbenpha Community School |
| | 39. Imara Daima |
| | 40. Basics Academy |
| | 41. St. Bakhita |
| 11. Tomas Sila | 42. Bright Brain |
| | 43. Almas Springs Academy |
| | 44. Oxford Education Centre |
| | 45. Piaget Preparatory School |
| | 46. Merrycliff Junior Academy |
| 12. Raphael Ndika | 47. Rofez |
| | 48. Brain Academy |
| | 49. Njenga Primary |
| | 50. Our Lady of Nazareth Primary |
| | 51. Siloam Learning Centre |
| 13. Margaret Njuguna | 52. Bridge International |
| | 53. Love Academy Centre |
| | 54. Jay Living Hope |
| | 55. Skyhike academy |
| 14. Ronika Ago Tsindi | 56. Damascas School |
| | 57. Fadhili Foundation School |
| | 58. Victory Kids |
| | 59. St. Stevens |
| 15. Francisca Mwende | 60. Richmond learning centre |
| | 61. Niss Community School |
| | 62. Up-Kids |
| | 63. Nima Islamic Centre |

