

S.A.F.E. WASH Programme in partnership with Procter and Gamble**Mkongani Location****End of year report: 2015 – 2017****CONTENTS****1. INTRODUCTION**

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INTRODUCTION

SAFE Pwani and Procter & Gamble's successful clean water programme is dramatically improving the health of the poorest and most disadvantaged communities in coastal Kenya. S.A.F.E.'s winning formula of using mobile theatre & workshops to educate people on all aspects of WASH combined with the distribution of P&G's Purifier of Water product has been saving lives for 7 years.

In 2011, with funding from Procter & Gamble, SAFE Pwani researched and then implemented a pilot project to distribute P&G Purifier of water sachets to two remote rural communities in Kikoneni Location in Coast Province, and to educate residents about the benefits of purified water. This project initially reached 436 families with 5,196 people benefitting from clean drinking water. Later this was expanded to cover a total population of 15,000 people, which was implemented on June 2013. By April 2014, SAFE Pwani had distributed a total of 1,170,047 P&G Purifier of Water sachets to 15,630 people (2,331 homesteads).

Due to the success of the pilot project, SAFE Pwani made the decision to implement the project in a new area, in February 2015, S.A.F.E. began distribution in Mkongani. The first area targeted was Mkomba, an area populated by small villages with a population of 6,811 people (2014/2015 local authority figure). In April 2016 S.A.F.E. scaled the activities to include a second area in Mkongani; Mtsamviani. Mtsamviani has a population of 8,083 (SAFE Pwani Baseline Data), and with this new area, S.A.F.E.'s clean water project in partnership with P&G is reaching over 14,894 people.

In year three of the Mkongani project, work will be carried out in a third area of Tiribe.

Main aims:

- Improve health and reduce the threat of diseases such as cholera and dysentery.
- Reduce the number of child cases of diarrhoea.
- Empower the community to practice effective sanitation methods.
- Help areas achieve open defecation free (ODF) zone status.

S.A.F.E. strategy

- Distribute P&G Purifier of Water sachets.
- Educate the community on all aspects of WASH.
- Promote the use of hand wash facilities.
- Promote the building of toilets.

PROGRAMME OVERVIEW

Mtsamviani Overview

Mtsamviani is drier than the other programme locations (Mkomba and Tiribe) in Mkongani, this makes access to clean water an even bigger challenge for the residents. Mtsamviani is made up of 10 villages and has a total population of 8,083 (S.A.F.E. baseline data).

S.A.F.E. made the decision to target Mtsamviani for the WASH Programme due to the lack of access to clean water and the prevalence of open defecation which were the leading contributors to health issues in the area. The threat of dysentery and cholera were extremely high, without intervention to mitigate these issues, the residents lived with great risk.

Area Demographics

- 4 villages are arable; Mashambini, Mtsamviani, Mgolokoloni and Mzinji. In these villages, the main source of income is commercial vegetable/ fruit/ crop farming. Cashew nuts, coconuts and maize are the main crops but commercial farming in vegetables and fruits such as mangoes, oranges and watermelons, cassavas and sweet potatoes is also prominent.
- In the 6 drier villages; Lwara, Deri, Kizimbani, Mabanda, Fahamuni and Kilindini, people keep livestock.

Water accessibility

When S.A.F.E. carried out an assessment of water accessibility in the area, there were plans to bring piped water to Mkongani, however these plans are yet to be put into action. Leaving households, institutions and even the hospital with no access to piped water. Instead, water comes from the following sources:

- **Boreholes:** These are the most reliable source of clean water, however the Mtsamviani borehole contains salt water so the water can only be used for cooking, not drinking.
- **Dams:** Dams are either dug by the community or by the local government. They are usually poorly maintained making them an unsafe water source. They are often located near farms and collect the chemicals from the soil as well as animal waste. Due to the prevalence of open defecation, the water source is also polluted with human faeces. They run dry during the dry seasons.
- **Informal/ man-made water collection points (scopes):** These are holes which are designed to collect water during the rains. The water collected is full of dirt from the soil and other pollutants (animal and human waste) which are washed into the hole with the rain water. They are also an unreliable source of water, and water cannot be collected during the dry seasons.

Dams and scopes are the most commonly used sources of water; water from both sources was visibly filthy. On an initial inspection of the area, the team requested a glass of drinking water from local residents to assess their drinking habits and were handed water to drink that was dark brown in colour. A clear sign of the enormity of the problem.

When these sources of water dry up, residents are forced to move out to the Lwara borehole and Kizimbani dam. During the draught, the water in these sources is dirty, SAFE Pwani were only able to treat this water effectively after the rains. For some residents, these sources are also a long walk away. Alternatively, the county government bring water, but on the rare occasions that this does happen,

they provide water to the schools and institutions and not homesteads. Small water vendors use motorbikes to distribute the water to the residents, but at vast expense.

Programme Layout

Mtsamviani

Sensitisation through performance: Theatre raises awareness of water as a community and individual concern, and as a means of introducing P&G's Purifier of Water demonstrating why and how it should be used. The team target small groups, to insure interaction and enable them to establish people's challenges in the programme and work out solutions.

Engagement: S.A.F.E. demonstrate the use of P&G's Purifier of Water in group post-show workshops and at an individual household level. SAFE Pwani provide village-level support to ensure that both the distribution and the use of P&G's Purifier of Water are consistent.

Schools: SAFE Pwani work with schools, providing water and basic sanitation education; delivering training and demonstrating P&G's Purifier of Water use to both pupils and the school administration; and providing the pupils with the tools they need to transfer the knowledge to their households.

Distribution: S.A.F.E. establish a network of distributors who are responsible for distributing sachets to households and site-specific locations (such as bars/ clinics/ schools) each month.

Mkomba

It is important to continue to provide a free and consistent supply of P&G's Purifier of Water sachets to the communities we have been reaching thus far, in order to keep up momentum and commitment from people to adopting healthy behaviours in terms of water purification. The long-term health benefits of using safe drinking water will only become apparent the more people do so. The communities who continue to receive the sachets do so alongside a revisit from the S.A.F.E. team and a transitional reminder play about the health benefits.

This part of the programme included:

- Additional training delivered to distributors to further improve their data collection and to support them in managing expectations of the community.
- Revision of the play to incorporate and address on-going misconceptions about P&G's Purifier of Water and problems with dirty water, and to show the benefits the families in the play have received from long term P&G Purifier of Water usage.

Community Purifier of Water Distributors

S.A.F.E.'s community P&G Purifier of Water distributors are one of the most important elements of the clean water programme. Not only do they distribute P&G's Purifier of Water sachets in their villages, but they are also a resource of information to the community on their correct use. Further, they are an integral part of the M&E strategy. They collect information and data from the community that informs the way that the programme is carried out.

The distributors also gain a great deal from the programme. The intensive workshop gives them skills, and distribution gives them an income, helping pave the way for further employment opportunities in the future.

Each village elected 3 representatives who joined teachers and local administrators to attend a one day workshop on WASH at Mtsamviani primary school. This was carried out by S.A.F.E. staff and local Public Health Officers (PHOs). At the end of the workshop 11 distributors from Mtsamviani were chosen to join the 11 from Mkomba. They later attended a specialist workshop to train them for this position.

	Name	Village
1	Ibrahim Chitu Njama	Mashambini
2	Katembo Ngome	Kizimbani
3	Said Hamadi Maneno	Mtsamviani
4	Ester Nduku	Deri
5	Mwayaya Ngedzo	Lwara
6	Hamisi	Mzinji
7	Salim Mohamed Mavune	Fahamuni
8	Josphene Mulei	Kilindini
9	Morris Maasud Ndegwa	Mabanda
10	Eunice Wambua	Mgolokoloni
11	Regina Kilonzo	Institution

	Name	Village
1	Abdallah Bakari Sheria	Goyo
2	Amini Munga Kahanda	Miamba
3	Ramadhani Nyale	Milalani
4	Tumaini Sengeza	Viphingo
5	Mwanahanisi Nzala	Mkongani A
6	Mwanahamisi Mwachivumba	Mkomba b
7	Luvuno Chikophe	Mkongani b
8	Omari Kutsela	Vumirira
9	Maasud Choza	Mkopmba a
10	Bakari Salim Nduni	Meka
11	Pauline Nyamvula Mae	Institutions

Topics covered at the distributor workshop were:

- Programme aims, objectives and expected outcomes.
- Education on waterborne diseases, their transmission and prevention.
- Water pollution and water treatment using P&G's Purifier of Water.
- Data collection, reporting, and monitoring and evaluation.

These distributors also helped also carried out the baseline data survey. It was hugely encouraging to see the community begin construction of latrines and hand wash facilities after this initial meeting.

Reporting period: programme timeline

Date	Activity
30th & 31st March 2016	Meeting with community leaders to introduce them to S.A.F.E. activities (Mtsamviani)
14th - 16th April 2016	Community Entry meetings (Mtsamviani)
19th & 20th April 2016	Distributors workshop
April 2016	Baseline data collected
22nd July 2016	First outreach tour
August 2016	Monthly distribution of P&G Purifier of water commences (Mtsamviani)
August 2016	First M&E carried out
February 2017	Second M&E carried out
May 2017	Second outreach tour
July 2017	Third M&E carried out

Before the beginning of the programme, S.A.F.E. made agreements with the community. These were important because the community, with S.A.F.E.'s support, need to be the drivers of change. Where possible, S.A.F.E. also tries to partner with local services to ensure the sustainability of programmes, it was therefore essential to make them aware of their responsibilities.

The community agreed to:

- Use the P&G Purifier of Water provided and follow the distributors and S.A.F.E.'s instructions.
- Build toilets and ensure that they are used properly.
- Provide a hand washing facility in every household.

The administration and health departments agreed to:

- Monitor the community building of toilets to make sure that it happened.
- Monitor the distributors and assist them if they come up against any challenges.

SAFE Pwani agreed to:

- Ensure P&G's Purifier of Water is available to the community.
- Educate the community on WASH and water treatment.
- Conduct M&E during the programme and address the challenges faced.
- Train distributors.
- Facilitate meetings and supervise the distributors.

Mtsamviani baseline data

This data was collected with the aid of the distributors in April 2016. The team were shocked to see how far the situation had deteriorated since the initial area inspection in 2014. There was a big reduction in the number of toilets, and handwashing facilities were almost non-existent. A possible reason for this deterioration was the huge growth in population. The population of Mtsamviani in 2014 was 7728, this had risen to 8083 in just two years, putting an even larger pressure on water sources and sanitation infrastructure.

The international NGO the Samaritan Purse is present in some parts of Mtsamviani, providing clean water through the provision of bio-filters; effective water treatment systems that the community can purchase at a discounted price. Despite their intervention, the situation remained dire.

Summary of Baseline Data		
Total Number of Households		1287
	Total Population	8083
	Male	4129
	Female	3954
	Children under 5 years	1526
	Toilet: In use	333
	Toilet: Not completed	381
	Hand wash facilities	29
Total number of schools		11
	Total number of students	2922
	Toilet Facilities: In use	66
	Toilet Facilities: Not completed	15
	Hand wash facilities	2

Full data found on [Table 1 & 2](#).

- In a population of 8083 there were only 333 working toilets. This works out as approximately 1 toilet between every 24 people (2014 figure - 1 toilet between every 17 people).
- Between 333 working toilets, there was only 29 hand wash facilities. Therefore, only 9% of toilets had hand washing facilities.
- Between 2922 school children there were 66 toilets. That works out at an average of 44 children per toilet. With 2 hand washing facilities between all 66 toilets.

The situation had become so dire in Deri primary school, that it was about to be closed. It did not have toilets which was leading to vendors from the next-door trading centre to defecating openly on the school compound, the only private place at night close to the centre. The faeces was mixing with water at the community water points putting the children at too greater risk. The closure of this school put the children's education and future in jeopardy.



A student demonstrates the proper use of P&G Purifier of Water during an outreach

PROGRAMME RESULTS

First theatre outreach performances – July 2016:

Over the 13-day tour, a total of 35 shows were conducted reaching 4,149 people. These outreaches were carried out in a range of different establishments from schools to community centres to individual homesteads. This approach is particularly beneficial to women who often are at home looking after children and therefore cannot travel.

The objectives of this tour were:

- To show the community the proper use of P&G Purifier of Water.
- To educate the community on the WASH programme.
- To establish a working relationship with the community.
- To understand the challenges faced and establish effective mechanisms for an effective WASH programme implementation.

The main aim was the eradication of water borne diseases by:

- Helping communities achieve Open Defecation Free (ODF) status.
- Providing access to clean and safe drinking water.
- Ensuring a culture of good sanitation and high hygiene standards is adopted.

OUTREACH LOCATION	# OF OUTREACH	MALE	FEMALE	CHILDREN	TOTAL
MKOMBA	11	218	320	485	1023
MTSAMVIANI	24	455	677	1994	3126

Full data found on [Table 3](#).

The outreaches were fully interactive and such feedback was gathered from the audience on issues affecting their success implementing the WASH programme. The outreach changes and adapts to target the issues that arise over the course of the tour.



An outreach performance in full swing

Issues which arose during our first tour across both areas were:

- There is confusion in the community over the function of a bio-filter (provided by partner organization the Samaritan Purse). People wanted to know whether water from the filter is safe or whether it needs to be treated again with P&G Purifier of Water product.
- In new areas, people were put off by the smell the product creates immediately after the water is treated.
- There are still families without toilet, although this number has greatly reduced in Mkomba, in Mtsamviani, lots of toilets are still under construction.
- Incorrect disposal of the water treatment sachets, they are being left on the ground and are contributing to plastic pollution in the area.

Mkongani Primary School Community Health Club Meeting

During the first area outreach tour in 2015, the team performed at Mkongani Primary, during the performance the students and staff showed a willingness to form a health club. SAFE Pwani were invited back to run a life skills session during the July 2016 outreach tour with the health club. This session took place on the off day as members of the SAFE team volunteered their free time to lead its facilitation.

Four SAFE Pwani staff and one distributor held a session with the health club at Mkongani primary to stress the importance of keeping their environment clean and drinking treated water. The health club is made up of primary school children, the oldest of whom was 13.

Initially the session was intended for the club but it was expanded to include three classes from the school. Life skills such as the importance of girl's education and challenges facing adolescents as their bodies change were added to the original planned WASH session to address some other issues facing the students. Games, Q&A sessions and group discussions were used to encourage the children to think critically about the barriers against good WASH practices in their community.

Some of the challenges the group reported were:

- Lack of support in the community for water treatment.
- Misuse of the water treatment powder (P&G Purifier of Water).
- The toilets in the school are not properly cleaned and looked after.
- No sense of urgency in the community to build toilets.

These issues are very similar to those we came across during the course of the first performance tour. The issue of lack of hand washing was also highlighted in both M&E surveys.

A total of 70 people participated in this highly interactive session led by Carolyn Nyamvula, Aisha Hassan, Mohammed Allian and Elizabeth Kasichana with distributor Pauline Mae.

Second theatre outreach performances – May 2017

The SAFE Pwani team returned to Mkongani in May 2017 in order to carry out further performances in both Mkomba and Mtsamviani. During the 12-day tour, 34 performances were completed reaching 2,898 people.

The objectives of this tour were:

- To further promote the usage of P&G Purifier of Water to families, schools, and other institutions.
- To reinforce the importance of building toilets and handwashing facilities.
- To answer any questions that the community have in the implementation of the WASH programme.
- To ascertain the progress which has been made since the previous outreach tour in July 2016.

OUTREACH LOCATION	# OF OUTREACH	MALE	FEMALE	CHILDREN	TOTAL	
MKOMBA		14	125	225	824	1174
MTSAMVIANI		20	213	297	1214	1724

Full data found on [Table 4](#).

Observations:

- The knowledge of the benefits and the use of P&G Purifier of Water has greatly increased. People were using the purifier and using it correctly.
- The children in the audience picked up the key messages from the outreaches quickly. It has become obvious that they are a powerful force for the promotion of WASH in the community.
- There was also evidence of the community activity questioning and dispelling misconceptions which were prevalent in the previous tour. For example, previously it had been thought that the P&G Purifier of Water was a contraceptive which the government was secretly giving the community to stop them having more children. This misconception is now widely discredited.
- The problem of handwashing, which was identified in both the first area outreach and the M&E evaluations (see below), is greatly improved. The team observed that that most of the hand washing facilities had water in them. This had been helped by the heavy rainfall, meaning that water was plentiful.
- The recent extreme weather and heavy rainfall had led to the destruction of some of the newly built toilets. However, there was a great surge in reconstructing them. This showed the community understood the importance of hygienic toilet facilities.

Challenges

- The recent extreme weather had caused flooding in the area which led to a disruption of the programmed outreaches. The team rearranged the schedule and only one outreach performance had to be completely abandoned.
- Due to the rescheduling, 4 shows often had to be fitted into one day, forcing some performances to take place in the dark.
- The rain made it hard for the vehicles to reach certain areas, meaning that the team had to walk long distances to access the venues.
- There were certain types of water which did not treat effectively. Due to the rain, lots of dirt and contaminated water had been collected into the water collection points.
- There was a lot of agricultural activity, which made it hard to attract men to the outreaches. Traditionally, a farmer cannot leave his work until it is finished.

Monitoring and Evaluation (M&E): Results

Results from the M&E surveys are taken from 10 households per village (10 villages per location). There are 8 people in the average household. A different group were selected for the two different surveys.

Water Treatment

First M&E – August 2016 (sample of 10 households per village, 100 households per location).

- Out of an average 31.44 litres a day (per household), 95% was being treated and 92.5% of this water was being treated with P&G Purifier of Water.
 - Mkomba: 96% of drinking water was treated, 94% of this was treated with P&G’s Purifier of Water.
 - Mtsamviani: 94% of drinking water was treated 91% of this was treated with P&G’s Purifier of Water.

The S.A.F.E. team were encouraged by the water treatment results from the first M&E session, it showed that the community were extremely receptive to the product.

Second M&E – February 2017 (sample of 10 households per village, 100 households per location).

- Out of an average of 35.2 litres a day (per household), 97% was being purified and 95% of this is being treated with Purifier of Water.
 - Mkomba: 97% of drinking water was treated and 97% of this was treated with P&G Purifier of Water.
 - Mtsamviani: 97% of drinking water was treated and 91% of this was treated with P&G Purifier of Water.

M&E	Average #	Average		% treated		Average
	family	Average water	drinking water	% treated	with PUR	treated in
	members	usage in litres	in litres	% treated		litres
1st M&E	8	80.15	22.7	95%	92.50%	31.44
2nd M&E	8	102.2	20.42	97%	95%	35.2
Variants	0	22.05	2.28	2%	2.50%	3.76

Full data on [Table’s 5 – 8](#)

Other treatment methods include:

- Biofilter: Provided by Samaritan Purse
- Boiling water
- Donge/ White Bar: A traditional stone which separates the dirt from the water, however it does not kill the germs.

These results show further improvement from the August results. The results from Mkomba are particularly encouraging, showing the success of the continued intervention in the area.

The team also carried out a survey to find out how people were using the water that they treated. Most people reported that they used the treatment product to kill germs, prevent disease, stop stomach

aches and other health related reasons. However, most families also reported that the purified was used for all household chores including bathing, cleaning utensils and cooking.

Total Purifier of Water Distribution between November 2015 and March 2017 (Mkomba & Mtsamviani)

- Average population covered per month: 9,659
- Total number of P&G Purifier of Water sachets distributed: 821,047
- Average monthly distribution: 54,737
- 8,210,470 litres of clean drinking water provided.



Safe Pwani Project Manager Ali Mlatso demonstrates the use of P&G Purifier of Water

Toilet & hand wash building

During the M&E surveys, the team also looked at the uptake in toilet and hand wash building across both areas. As per the water treatment surveys, 10 households per village were chosen at random per survey. There is an average of 8 people per household.

Mkomba

The results from both the first and second rounds of M&E showed a good consistency in the uptake of toilet building. In both August 2016 and February 2017, the surveys showed that there was an average of 1 toilet per 9 people. The prevalence of handwashing showed a significant improvement during the period. In August 2016, only 38% of the toilets had a handwashing facility, however, when the team returned in February 2017, this number had risen to 64%.

Mtsamviani

The team were keen to measure the uptake in toilet building due to the dire situation that had been discovered during the collection of baseline data. The situation had much improved, the August 2016 survey showed that there were 13 people per 1 toilet (baseline data in April 2016 had shown 24 people per 1 toilet). The situation had further improved by February 2017 where the survey showed that there was 1 toilet between every 10 people. However, handwashing still posed a challenge, the August 2016 survey showed that only 35% of toilets had a handwashing facility, this number had only improved by 1% by February 2017.

Full data on Table's [9 – 16](#)

Hand wash facility building and general cleanliness was still posing a great challenge in both areas according to the M&E, although there is an increase in numbers, their usage is still in doubt. In Mtsamviani well under half of the toilets had hand washing facilities. In Mzinji and Mashambini (Mtsamviani), people were not using the facilities because of rumours which had started surrounding poison in the hand wash. In a community where witchcraft is prevalent, these rumours are damaging to the project. This was an unexpected challenge that the team faced but armed with the correct information, work was started to dispel the rumour.

The team were encouraged to see progress in this area when they returned to Mkongani in May 2017 for the second outreach tour.

Mkongani Heath Centre Data

SAFE Pwani have found it a considerable challenge extracting data from Mkongani Health Centre. It has been a great disappointment to the team as the prevalence of water borne disease has been a key indicator of the success of the project in previous years.

Mkongani Health Centre serves an estimated 20,000 people, however, there is no data for those under 5 and the data provided for those over 5 is woefully incomplete. According to the data, there was only one case of stomach upset reported in the entirety of 2015 and 2016 and only a handful of cases of diarrhoea and other water borne diseases. This is obviously not true, as reported by the community.

One outbreak that was recorded by the health centre was the outbreak of diarrhoea in summer 2016, with 43 cases diagnosed in July and 13 more in August. The team isolated these cases to Ambassador Makwere Secondary School. This school had been resistant to using the P&G Purifier of Water, claiming that they did not have the correct storage facilities to keep the buckets and sachets for purification. However, after the outbreak of diarrhoea, their local distributor, who was also a member of the school board, insisted that they treat the water for the children. There were no further outbreaks after the introduction of P&G Purifier of Water.

The lack of data gathering by the medical authorities is an issue that needs to be resolved. SAFE Pwani will be working in the entire Mkongani location in year three and as such, health centre data will be vital. Attempts are being made to help the health centre gather this information. SAFE Pwani Project Manager David Kalume has arranged a meeting with the health centre administration to stress the importance of keeping accurate data. This is important not just for S.A.F.E. but for their own understanding of the health needs of the local community.

KAP (Knowledge, Practice & Practice) Evaluation

Knowledge:

- A key indicator of widespread knowledge is the amount of people who have been reached by the educational outreach tours, this number stands at 7,117.
- Knowledge levels have improved exponentially due to the effectiveness of S.A.F.E.'s outreach tour. The community now have the knowledge of:
 - The importance of drinking clean water to protect from disease
 - How to treat water using the P&G product
 - Importance of building and maintaining toilets
 - Importance of handwashing

The fact that the community have this knowledge is evidenced from the responses given to the monitoring and evaluation surveys. However, the gap of knowledge is shown in the misuse of the product; people are using treated water for other household chores.

Attitude:

Through anecdotal evidence, S.A.F.E. have observed the following:

- Community enthusiasm for water treatment product is high, distributors report that sachets are in high demand.
- Evidence of the upscaling of toilets to permanent structures and new toilets being built.
- Communities praising S.A.F.E.'s work, staff have received a great deal of positive feedback about the project's achievements and benefits.

Practice

- 97% of drinking water is being treated (95% with P&G Purifier of Water). A total number of 8,210,470 litres of water was treated between November 2015 and March 2017.
- There is 90% toilet coverage in the two areas with at least 1 toilet per 9 people in Mkomba and 1 toilet per 10 people in Mtsamviani, up from 1 toilet per 24 people reported in the baseline data.
- The second performance outreach highlighted a clear uptake in the use of handwashing facilities and the importance the community now place on clean, sanitary, toilets.
- Feedback from the community shows that there are less cases of diarrhoea, this is proof that the community are adhering to good WASH practices.



SAFE Pwani staff member Elizabeth Kasichana demonstrates the use of P&G Purifier of Water

CASE STUDIES

SAFE Pwani collected the following testimonies whilst carrying out the programme:

Due to the recent long drought, all of the water sources were extremely dirty and P&G's Purifier of Water was the only viable water treatment option. A woman in her late 30's told S.A.F.E.:

"I can't imagine the suffering we would have gone through if there was no P&G Purifier of Water to treat water. SAFE have really helped us"

A woman in her 30's from Mkomba, told S.A.F.E.:

"Our children are healthier and do not miss school due to diarrhoea and vomiting since they use clean water for drinking. We pray for the project to stay longer"

A woman from Viphingoni reported:

"The cost of treatment for my children and me has reduced. I have stayed for more than eight months without going to the hospital"

Mr Fadhili the village administrator talking at a meeting involving village chairmen called by S.A.F.E. to discuss the progress of our programme:

"There has been an improvement in sanitation and access to clean water but we still have many challenges since much on what we are doing is behaviour change which takes time to be seen"

S.A.F.E. distributor Mwanahamisi Nzala commented at a monthly meeting:

"The uptake of water is great and the construction and usage of latrine is high but the challenge is on the use of hand washing facilities which people are yet to understand their importance".

A woman at Njeru's homestead:

"It will be good if you will be visiting often to teach the community because the Duruma (Coastal Tribe) take time to understand new ideas. We thank you for bringing water purifier here and helping the community to understand the importance of hand washing with soap, it has greatly reduced absenteeism in our schools caused by diarrhoea "

During the second outreach tour (May 2017), the Head Teacher at Deri primary give the pupils the following advice:

- *Children must wear shoes both at school and at home to avoid infections due to bilharzia (water borne disease) and catching jiggers (flea like insects that burrow into flesh).*
- *Due to the fact the rain has destroyed many of the toilets, it is important to remember not to openly defecate but dig holes and then cover our faeces.*
- *We must never drink untreated water which collects by the road.*
- *P&G Purifier of Water is neither a contraceptive nor ARV medication.*
- *It is possible to share toilets. A family can share their toilet with a neighbour to prevent them from having to go in the bush.*

Deri primary is one of the project key success stories. One of the first initiatives that was carried out in Mtsamviani was to oversee the building of 4 toilets in partnership with the Samaritan Purse to ensure the school did not close. Since this intervention, the situation is much improved.

CHALLENGES

S.A.F.E. are encouraged by the progress made in the two locations, progress achieved despite the challenges that were faced:

- Due to the adverse weather conditions, the water has been polluted, therefore families were using the purified water for all home uses, not only for drinking, which created a challenge for the team due to the excessive amounts of Purifier of Water requested by the community.
- Water from certain sources, for example the Mbanda water pan, cannot be treated because it is too dirty, whilst others produces an odour which is putting people off.
- There was a struggle to get villages classified as ODF zones due to the unresponsiveness of the Department of Public Health and Sanitation.
- Some of the villages are hard to access meaning that extra transportation costs were incurred.
- S.A.F.E. had to delay some of the programme activities such as the health committee meeting and some of the small-scale theatre shows. The final outreach was therefore in May.

WAY FORWARD

- Send this report to all partners and stakeholders in the programme including the county health department in the hope that the information will help develop further health policy in the area.
- Scale up the programme to include Tiribe, the last area in the county, alongside follow up shows and distribution in both Mkomba and Mtsamviani.
- Focus on the issues of misuse of P&G Purifier of Water and the provision of hand wash facilities in Mtsamviani.
- Focus also on teaching the community the proper ways of disposing of the used sachets, they need to be burnt, buried or flushed down the toilet.
- Evoke the public health act if defiant members of the community refuse to build a toilet – this is particularly important in densely populated areas.
- Meet with Mkongani Health Centre in order to help them implement better methods of recording data. This is essential as a key indicator for the success of this project, but more importantly it will help them better understand the scale of the health challenges they face.
- A third M&E survey is to be carried out in July 2017.

Special thanks to:

- P&G for sponsoring the SAFE Pwani WASH programme and providing Purifier of Water sachets.
- The county government health department and the local administration for their support in the programme delivery.
- All the communities involved, in particular the fantastic distributors for their enthusiasm and commitment to the programme and to creating a healthier future for years to come.

1) Baseline Data Households

VILLAGE NAME	NO OF HOUSE		POPULATION				UNDER 5	TOILET			HAND WASH FACILITIES	
	NO OF HOME STEADS	HOLDS	MALE	FEMALE	YEARS	IN USE	NOT COMPLETED	NO TOILET	IN USE	NOT IN USE		
MZINJI	88	123	871	410	461	167	22	16	73	0	-	
DERI	137	174	679	396	278	170	50	12	18	0	-	
MTSAMVIANI	87	101	749	385	354	135	31	3	0	17	-	
MGOLOKOLONI	21	62	361	214	147	0	28	21	17	0	-	
KILINDINI	100	169	1104	532	572	222	37	33	0	0	-	
MASHAMBINI	50	103	720	331	389	111	13	13	74	0	1	
MABANDA	71	127	875	391	484	166	41	74	8	0	-	
LWARA	132	151	947	520	442	219	43	76	86	0	-	
KIZIMBANI	178	180	1381	707	674	296	34	99	47	7	-	
FAHAMUNI	57	97	396	243	153	40	34	34	0	5	-	
TOTAL	921	1287	8083	4129	3954	1526	333	381	323	29	1	

2) Baseline Data Institutions

AREA	INSTITUTION	PEOPLE	MALE	FEMALE	CHILDREN UNDER 5	TOILET		HAND WASH	
						IN USE	NOT COMIN USE	IN USE	NOT IN USE
MABANDA	MABANDA PRIMARY	152	80	72	34	1	2	0	0
	SHALOAM POOL CHUR	89	35	54	45	1	2	0	0
DERI	DERI PRIMARY	241	127	114	50	5	4	0	0
	ABC	54	22	32	28	2	0	0	0
	AIC	70	46	24	49	1	1	0	0
	JESHI LA WOKOVU	44	12	32	21	0	0	0	0
	CATHOLIC	158	48	110	68	2	0	0	0
	EAPC	70	30	40	20	0	0	0	0
	JCC	98	56	40	48	2	0	0	0
	MIRACLE	57	17	40	12	1	0	0	0
MTSAMVIANI	MTSAMVIANI PRIMAR	831	393	438	123	10	0	0	0
	MTSAMVIANI SEC	102	58	44	0	6	0	0	0
	MTSMVIANI P.A.G	145	40	105	30	2	0	0	0
	MTSAMVIANI J.C.C	90	35	55	30	2	0	0	0
	MTAMVIANI MOSQUE	68	45	23	0	2	0	0	2
KILINDINI	KILINDINI PRI	242	108	134	0	6	2	0	0
	ECD KILINDINI	89	37	52	4	0	0	0	0
	KILINDINI MOSQUE	60	15	45	25	0	4	0	0
LWARA	LWARA PRI SCHOOL	595	314	281	36	6	0	0	0
MZINJI	MUNAWAR MOSQUE	250	93	157	97	0	0	0	0
	MZINJI PRI SCHOOL	512	252	260	0	16	0	0	0
	MZINJI PRE SCHOOL	58	26	32	0	0	0	0	0
	SWERE PRE SCHOOL	50	24	26	0	0	0	0	0
MASHAMBINI	MASHAMBINI ECD	50	20	30	0	1	0	0	0
	MASHAMBINI MADRA	55	22	33	0	0	0	0	0
		4230	1955	2273	720	66	15	2	2

3) Full Outreach Data (first tour)

DATE	VENUE	MALE	FEMALE	KIDS	TOTAL
22/06/2016	NJEREKO- MKOMBA	4	18	23	45
	PAUL MBITHI- DERI	9	13	6	28
23/06/2016	KWA MBWANA -MTSAMV	27	20	10	57
	MZINJI PRIMAY -MZINJI	28	42	330	400
	AMB. MAKWERE HIGH	68	94		162
24/06/2016	KIDIAGE- MKONGANI B	14	32	14	60
	VUMIRIRA NURSARY	8	31	51	90
	MWATSENZE- KIZIMBANI	9	39	31	79
25/06/2016	NURSARY -VIPHINGONI	1	11	30	42
	KWA KIMEU -FAHAMUNI	11	15	26	52
	KWA MAURICE -MABAND	27	42	162	231
26/06/2016	KWAALI NGWADU- MEKA	20	11	60	91
	KIBOKONI -VILLAGE MKO	19	22	73	114
	KWAOBESI - MILALANI	10	17	57	84
27/06/2016	SWERE CENTRE - MZINJI	32	42	53	127
	KILINDINI CENTRE	38	62	320	420
	MKONGANI CENTRE	44	38	67	149
26/06/2016	DAY OFF				
29/06/2016	MASHAMBINI NURSERY	17	22	57	96
	KIZIMBANI SCHOOL	9	13	48	70
	MTSAMVIANI- CENTRE	25	5	42	72
30/06/2016	MIAMBA CENTRE	18	8	86	112
	LWARA SCHOOL	36	52	267	355
	NDEGWA- MTSAMVIANI	5	15	25	45
01/07/2016	MR MWATELA- KILINDINI	15	16	21	52
	DERI CENTRE .DERI	17	31	127	175
	CHAKA KULEMBA	13	25	60	98
02/07/2017	LEWA BEDZAME	11	26	30	67
	RASHID BAKARI MGOLOK	10	12	38	60
	KWA CHIZI- MABANDA	5	15	45	65
03/06/2016	KWA NGALAA -MTSAMVI	25	28	52	105
	ADA NDONGO -LWARA	19	31	76	126
	NYAMAWI -FAHAMUNI	10	17	26	53
04/06/2016	MAMA ELIJA- MGOLOKOL	25	48	22	95
	MABANDA NURSARY MAE	32	46	120	198
	GOYO CENTRE- GOYO	12	38	24	74
TOTAL		673	997	2479	4149

4) Full Outreach Data (second tour)

DATE	VENUE	MALE	FEMALE	CHILDREN	TOTAL
09/05/2017	HASSAN DZITSO- MKOMBA	9	13	22	44
	BAKARI DZARINO - MEKA	0	8	35	43
10/05/2017	KWA MUNGA- MASHAMBINI	8	20	50	78
	ALI HASSAN MWADZUYA-MZINJI	21	30	48	99
	CHOME MWACHINDO- MTSAMVIANI	8	13	27	48
	MZEE MWARORA-MKOMBA A	5	20	60	85
11/05/2017	KWA CHAIRMAN- MKONGANI A	9	14	53	76
	KWA KAVUMBI- MABANDA	6	9	9	24
	KWA MNYAMBU- LWARA	4	6	132	142
	MOHAMED SHEHE DZIMWENGA- GOYO	12	12	80	104
	KWA FADHILI -MKONGANI A	5	8	44	57
12/05/2017	KWA BETSUMA- MILALANI	7	17	55	79
	KWA JAMES- MGOLOKOLONI	6	11	19	36
	DERI PRIMARI SCHOOL	25	20	145	190
13/05/2017	MWANAKOMBO MATEZO-FAHAMUNI	8	15	35	58
	MR NJERO- VIPHINGONI	16	7	15	38
	KWA CHITAHI- VUMIRIRA	12	14	43	69
14/05/2017	MWALIMU MWABOGA- MTSAMVIANI	15	13	50	78
	ABDHALLA S MWARORA- MEKA	7	30	40	77
	KWA MADZOMBA- MIAMBA	13	15	82	110
16/05/2017	MGOLOKOLONI	3	7	22	32
	BAKARI DZIMWENGA- MZINJI	3	13	30	46
	KWA JIZA- MKOMBA B	10	21	225	256
17/05/2017	KWA CHAIRMAN- DERI	5	20	33	58
	ADA NDOGO- LWARA	9	20	54	83
	KWA MGANA- MIAMBA	10	30	40	80
18/05/2017	YAWA BEMUNGA- KIZIMBANI	6	5	30	41
	DERI CENTRE	35	18	48	101
	MAFUMONI	10	16	30	56
19/05/2017	KWA MGAO MENYAE- KILINDINI	11	25	30	66
	MABANDA ECD- MABANDA	13	16	65	94
	MTSAMVIANI ECD	5	7	312	324
20/05/2017	KWA BANDA- MASHAMBINI	16	15	55	86
	MZEE MUTUNGA- FAHAMUNI	6	14	20	40
TOTAL		338	522	2038	2898

5) 1st M&E Data: Water Purifier Mkomba

Location	Village	% Drinking water treated	% of treated water treated with P&G product	Other methods	Reasons given for treating water	Average amount of treated daily in litres	Uses
MKOMBA 1st M&E	MKONGANI A	90%	100%	n/a	Prevent diarrhoea, prevent vomiting, told to treat, Clean dirt, prevent malaria, kill germs	24	Cooking, drinking, laundry, home uses, bathing
	MKONGANI B	90%	80%	Water guard	Prevent disease, kill germs, remove dirt	14	Drink, cook, bath , all uses
	MKOMBA B	90%	80%	White bar	Prevent disease, clean water, told to treat	13	Drinking, cooking, washing
	MKOMBA A	100%	90%	Not treated	Stops diarrhoea, clean, prevent diseases, prevent disease, stop stomach upsets, kill germs	26	Drinking, cooking, washing, bathing, house chores
	GOYO	100%	100%	n/a	Dirty water, Prevent diarrhoea, prevent stomach upset, prevent sickness, told to use it, prevent disease, kill insects	22	Drinking, cooking, laundry, bath
	MEKA	100%	100%	n/a	Prevent diseases, Kill germs, clean dirty water, fear of illness	23	Drinking, laundry, cooking
	VUMIRIRA	100%	100%	Boil	Kill germs, prevent disease, clean dirty water	40	Cooking, drinking, laundry, washing utensils, bathing
	MILALANII	90%	90%	Not treated	Prevent diarrhoea, Given purifier, clean dirty water, kill insects	29	Drinking, bathing, cooking, laundry
	VIPHINGON	100%	100%	n/a	Prevent disease, prevent diarrhoea	21	Cooking, drinking
	MIAMBA	100%	100%	n/a	Prevent diseases, Kill germs , everyone is treating , told to treat , remove dirt , make water safe , distributors education	31	Laundry, drinking , cooking
	Average		96%	94%			24.3

6) 1st M&E Data: Water Purification Mtsamviani

Location	Village	% Drinking water treated	% of treated water treated with P&G product	Other methods	Reasons	Average amount of treated daily in litres	Uses
MTSAMVIANI 1st M&E	MASHAMBINI	100%	100%	n/a	Prevent diseases, given treatment product, prevent diarrhoea, kill germs, clean dirty water	51	Cooking, drinking, utensils, laundry, bathing
	KIZIMBANI	100%	90%	n/a	Prevent diseases, kill insects, clean dirty water, kill germs	30	Drinking, home use
	MTSAMVIANI	100%	90%	Donge (stone that takes the dirt out of water)	Clean dirt, kill germs, kills insects, prevent diarrhoea, prevents disease	35.5	Drinking, all home uses
	DERI	100%	90%	Donge, boil	Clean Dirty water, prevent diseases, kill insects in the water, told to treat, kill germs	68.5	Drinking, cooking, bathing, washing utensils, laundry, all
	LWARA	80%	90%	Donge (stone that takes the dirt out of water)	Clear dirty water, given purifier, prevent from disease	24.2	Drinking, laundry, cooking, all uses
	MZINJI	60%	60%	n/a	Get clean water, get safe water, prevent disease, prevent diarrhoea	60	Drinking, cooking, laundry, all home uses
	FAHAMUNI	100%	100%	n/a	Prevent diseases, clean dirty water, kill insects, told to purify, prevent diarrhoea, kill germs	23.8	Drinking, laundry
	KILINDINI	100%	100%	n/a	Used to treating, prevent diseases, told to treat water, clean dirty water, kill germs, given purifier	58	Drinking, laundry
	MABANDA	100%	100%	n/a	Clean dirty water, getting safe water, prevent diseases, kill germs	27	Drinking, cooking
	MGOLOKOLONI	100%	90%	n/a	Clean and treat water, bought purifier, kill insects in water, prevent diseases	11.2	Drinking, cooking
	Average		94%	91%			38.58

7) 2nd M&E Data: Water Purification Mkomba

Location	Village	% Drinking water treated	% of treated water treated with P&G product	Other methods	Reasons	Average Amount of treated daily in litres	Uses
MKOMBA 2 nd M&E	MKONGANI A	90%	90%	n/a	Told to treat our water, prevent diseases, prevent diarrhoea, prevent vomiting, clean dirty water, kill insects	20	Cooking, drinking, in toilet
	MKONGANI B	100%	100%	n/a	Prevent diseases, to get clean water, make water safe, prevent diarrhoea, prevent stomach ache	20	Drinking
	MKOMBA A	100%	100%	n/a	Clean dirty water, kill germs, prevent diarrhoea, prevent cholera, prevent stomach ache, make water fresh	49	Drinking, cooking, washing utensils, laundry
	MKOMBA B	90%	90%	n/a	Clean dirty water, prevent diseases, was told to treat, kill germs	52	Drinking, cooking, laundry, cleaning utensils, bathing
	GOYO	100%	100%	n/a	Cleans dirty water, making water safe, kill germs	27	Drinking
	MEKA	100%	100%	n/a	Prevent diseases, prevent diarrhoea, get clean water, get safe water	20	Drinking, cooking
	VUMIRIRA	100%	100%	n/a	Clean dirty water, kill insects in water, kill germs, prevent diarrhoea, prevent disease	18	Drinking, cooking, all uses, bathing
	MILALANII	100%	100%	n/a	Prevent diseases, clean dirty water, getting safe water	40	Drinking, cooking, all home uses
	VIPHINGON	100%	100%	n/a	Clean dirty water, kill germs, prevent disease, prevent vomiting, prevent diarrhoea, prevent cholera	39	Drinking, cooking
	MIAMBA	90%	90%	n/a	Clean dirty water, prevent diseases, told water was dirty and to use treated water	28	Laundry, drinking, cooking, bathing, cleaning utensils
	Average		97%	97%			31.3

8) 2nd M&E Data: Water Purification Mtsamviani

Location	Village	% Drinking water treated	% of treated water treated with P&G product	Other methods	Reasons	Average amount of treated daily in litres	Uses
MTSAMVIANI 2nd M&E	MASHAMBINI	90%	90%	n/a	Clean dirty water, prevent diseases , prevent cholera, safe water	34	Drinking, washing, cooking
	KIZIMBANI	100%	100%	n/a	Kill germs, clean dirty water, given sachet, prevent diseases, prevent stomach ache, purifier is free, told to treat water	50	Drinking, cooking, laundry, bathing
MTSAMVIANI	MTSAMVIANI	90%	90%	n/a	Clean dirty water, kills insects, prevents disease, prevents diarrhoea, told to treat water	20	Drinking, cooking
	DERI	100%	90%	White bar	Prevent diarrhoea, kill insects, water is dirty, prevents diseases, water is nice	22	Drinking, cooking, laundry, bathing, utensils
	LWARA	100%	100%	n/a	Clean dirty water, Prevent diseases, prevent cholera, prevent diarrhoea, kill germs, make water safe	57	Drinking, cooking, bathing, laundry, washing utensils
	MZINJI	90%	80%	Boiling, rainwater	Kills germs, prevent diarrhoea, prevent diseases, clean dirty water, make water safe	30	Cooking, drinking
	FAHAMUNI	100%	100%	n/a	Clean dirty water, prevent diseases, prevent diarrhoea, prevent skin diseases, kill insects	45	Drinking, cooking, laundry
	KILINDINI	100%	100%	n/a	Clean dirty water, kill insects	53	Drinking, cooking, laundry, bathing
	MABANDA	100%	100%	n/a	Prevent diseases, kill germs, clean dirty water, prevent diarrhoea, make water safe	38	Drinking, cooking
	MGOLOKOLONI	100%	80%	White bar, bio-filter	Told to use purifier, prevent diseases, make water clean, kill germs	43	Cooking, drinking, cleaning, laundry
	AVERAGE		97%	93%			39.2

9) 1st M&E Data: Toilet Building Mkomba

LOCATION	VILLAGE	# TOILET PRESENT	UNDER CONSTRUCTION			STRUCTURE			PRIVACY		FLOOR		COVER		CLEANLINESS INTERIOR			CLEANLINESS EXTERIOR		
			CONSTRUCTION	BROKEN		PERMANENT	SEMI-PERMANENT	TEMPORARY	YES	NO	GOOD	BAD	WITH	WITHOUT	GOOD	BAD	AVERAGE	GOOD	BAD	AVERAGE
MKOMBA 1st M&E	MKOMBA A	9	0	1	0	7	2	5	4	6	3	9	5	0	4	1	2	6		
	MKOMBA B	9	1	0	5	4	0	6	3	7	2	4	5	1	3	4	1	4		
	MKOMBA A	10	0	0	1	8	1	8	2	8	2	3	7	6	0	4	3	0	7	
	MKOMBA B	7	0	0	1	3	3	6	1	3	4	1	6	3	2	2	4	1	2	
	GOYO	10	0	0	9	1	0	5	5	8	2	6	4	4	1	5	9	1	0	
	MEKA	10	0	0	2	7	1	10	0	6	4	3	7	6	1	3	6	1	3	
	VUMIRIRA	10	0	0	2	8	0	9	1	8	2	3	7	7	0	3	5	2	3	
	MILALANI	6	3	0	1	4	1	2	4	5	1	2	4	1	1	4	1	1	4	
	VIPINGONI	9	0	1	0	5	4	6	3	9	0	8	1	3	1	5	2	1	6	
	MIAMBA	8	0	1	0	2	6	5	3	2	6	0	8	2	5	1	2	3	3	
TOTAL		88	4	3	21	49	18	62	26	62	26	30	58	42	12	34	37	13	38	

10) 1st M&E Data: Handwash Facilities Mkomba

LOCATION	VILLAGE	HAND WASH FACILITIES			IN USE		HAS WATER		HAS SOAP		WELL POSITIONED	
		PRESENT	NOT PRESENT	DAMAGED	YES	NO	YES	NO	YES	NO	YES	NO
MKOMBA 1st M&E	MKOMBA A	1	8	1	1	0	1	0	1	0	1	0
	MKOMBA B	4	6	0	3	1	3	1	3	1	4	0
	MKOMBA A	3	6	0	3	0	3	0	3	0	3	0
	MKOMBA B	2	4	1	1	1	1	1	2	0	1	1
	GOYO	6	4	0	4	2	4	2	4	2	5	1
	MEKA	6	4	0	5	1	5	1	4	2	6	0
	VUMIRIRA	3	6	0	2	1	2	1	2	1	2	1
	MILALANI	0	10	0	0	0	0	0	0	0	0	0
	VIPINGONI	9	0	0	7	2	5	4	7	2	8	1
	MIAMBA	0	9	0	0	0	0	0	0	0	0	0
TOTAL		34	57	2	26	8	24	10	26	8	30	4

11) 1st M&E Data: Toilet Building Mtsamviani

LOCATION	VILLAGE	# TOILET PRESENT	UNDER CONSTRUCTION			STRUCTURE			PRIVACY		FLOOR		COVER		CLEANLINESS INTERIOR			CLEANLINESS EXTERIOR		
			CONSTRUCTION	BROKEN		PERMANENT	SEMI-PERMANENT	TEMPORARY	YES	NO	GOOD	BAD	WITH	WITHOUT	GOOD	BAD	AVERAGE	GOOD	BAD	AVERAGE
MTSAMVIANI 1st M&E	MASHAMBINI	6	1	1	2	3	1	5	1	6	0	0	6	1	0	5	3	1	2	
	KIZIMBANI	4	6	0	2	1	1	1	3	2	2	3	1	1	2	1	1	2	1	
	MTSAMVIANI	10	0	0	0	10	0	7	3	9	1	4	6	7	1	2	7	1	2	
	DERI	4	1	1	1	3	0	3	1	4	0	1	3	4	0	0	4	0	0	
	LWARA	4	0	0	2	1	1	2	2	2	2	2	2	0	1	3	0	1	3	
	MZINJI	4	0	0	1	2	1	3	1	3	1	0	4	2	0	2	2	0	2	
	FAHAMUNI	9	0	0	1	3	5	4	5	4	5	4	5	0	3	6	0	3	6	
	KILINDINI	9	0	0	2	4	3	8	1	7	2	3	6	7	1	1	7	0	2	
	MABANDA	8	1	0	0	5	3	7	1	6	2	3	5	3	0	5	1	0	7	
	MGOLOKONI	4	6	0	0	3	1	3	1	2	2	1	3	1	0	3	1	1	2	
TOTAL		62	15	2	11	35	16	43	19	45	17	21	41	26	8	28	26	9	27	

12) 1st M&E Data: Handwash Facilities Mtsamviani

LOCATION	VILLAGE	FACILITIES			IN USE		HAS WATER		HAS SOAP		WELL POSITIONED	
		PRESENT	NOT PRESENT	DAMAGED	YES	NO	YES	NO	YES	NO	YES	NO
MTSAMVIANI 1st M&E	MASHAMBINI	1	5	0	1	0	1	0	0	1	1	0
	KIZIMBANI	1	3	0	1	0	1	0	1	0	1	0
	MTSAMVIANI	5	5	0	5	0	5	0	5	0	5	0
	DERI	2	2	0	2	0	2	0	2	0	2	0
	LWARA	0	4	0	0	0	0	0	0	0	0	0
	MZINJI	0	3	0	0	0	0	0	0	0	0	0
	FAHAMUNI	2	7	0	2	0	2	0	2	0	2	0
	KILINDINI	3	5	0	2	1	2	1	2	1	2	1
	MABANDA	5	3	0	5	0	5	0	5	0	5	0
	MGOLOKONI	3	1	0	2	1	2	1	1	2	2	1
TOTAL		22	38	0	20	2	20	2	18	4	20	2

13) 2nd M&E Data: Toilet Building Mkomba

LOCATION	VILLAGE	# TOILET PRESENT	UNDER CONSTRUCTION			STRUCTURE			PRIVACY		FLOOR		COVER		CLEANLINESS INTERIOR			CLEANLINESS EXTERIOR		
					BROKEN	PERMANENT	SEMI-PERMANENT	TEMPORARY	YES	NO	GOOD	BAD	WITH	WITHOUT	GOOD	BAD	AVERAGE	GOOD	BAD	AVERAGE
MKOMBA 2nd M&E	MKOMBA A	10	0	0	2	2	6	7	3	5	5	7	3	5	2	3	7	1	2	
	MKOMBA B	10	0	0	6	4	0	6	4	6	4	5	5	1	1	8	3	1	6	
	MKOMBA A	6	1	0	4	1	1	3	3	4	2	2	4	1	2	3	0	2	4	
	MKOMBA B	8	2	0	6	1	1	5	3	6	2	6	2	5	1	2	5	1	2	
	GOYO	10	0	0	1	6	3	10	0	9	1	10	0	8	0	2	8	0	2	
	MEKA	9	1	0	5	4	0	4	5	6	3	6	3	4	2	3	3	2	4	
	VUMIRIRA	8	1	0	8	0	0	8	0	7	1	5	3	4	1	3	4	0	4	
	MILALANI	4	6	0	0	1	3	4	0	2	2	3	1	1	1	2	1	0	3	
	VIPINGONI	10	0	0	0	6	4	8	2	7	3	7	3	4	3	3	4	2	4	
MIAMBA	7	2	1	5	0	2	3	4	4	3	1	6	4	1	2	4	1	2		
TOTAL		82	13	1	37	25	20	58	24	56	26	52	30	37	14	31	39	10	33	

14) 2nd M&E Data: Handwash Facilities Mkomba

LOCATION	VILLAGE	FACILITIES			IN USE		HAS WATER		HAS SOAP		WELL POSITIONED	
		PRESENT	NOT PRES	DAMAGED	YES	NO	YES	NO	YES	NO	YES	NO
MKOMBA 2nd M&E	MKOMBA A	4	6	0	3	1	2	2	2	2	2	2
	MKOMBA B	3	7	0	3		3	-	3	-	3	0
	MKOMBA A	10	0	0	4	6	6	4	3	7	8	2
	MKOMBA B	8	1	0	8	-	8	-	8	-	8	0
	GOYO	10	0	0	10	-	10	-	10	-	10	0
	MEKA	4	4	1	4	-	2	2	3	1	2	2
	VUMIRIRA	4	4	0	1	3	2	2	3	1	4	0
	MILALANI	1	0	0	1	-	1	-	1	-	1	0
	VIPINGONI	8	2	0	7	1	8	-	6	2	7	1
MIAMBA	1	6	0	1	-	1	-	1	-	1	0	
TOTAL		53	30	1	42	11	43	10	40	13	46	7

15) 2nd M&E Data: Toilet Building Mtsamviani

LOCATION	VILLAGE	# TOILET PRESENT	UNDER CONSTRUCTION			STRUCTURE			PRIVACY		FLOOR		COVER		CLEANLINESS INTERIOR			CLEANLINESS EXTERIOR		
					BROKEN	PERMANENT	SEMI-PERMANENT	TEMPORARY	YES	NO	GOOD	BAD	WITH	WITHOUT	GOOD	BAD	AVERAGE	GOOD	BAD	AVERAGE
MTSAMVIANI 2nd M&E	MASHAMBINI	7	3	0	2	5	0	7	0	7	0	2	5	6	1	0	6	1	0	
	KIZIMBANI	8	0	0	0	0	8	3	5	1	7	0	8	1	4	3	1	4	3	
	MTSAMVIANI	6	1	2	6	0	0	2	4	4	2	0	6	2	4	0	0	2	4	
	DERI	8	2	0	8	0	0	6	2	4	4	5	3	4	4	0	3	1	4	
	LWARA	7	3	0	1	2	4	5	2	2	5	1	6	1	3	3	1	1	5	
	MZINJI	7	1	1	1	5	1	2	5	4	3	4	3	1	1	5	0	2	5	
	FAHAMUNI	7	2	0	5	2	0	5	2	7	0	1	6	4	0	3	4	0	3	
	KILINDINI	9	1	0	4	2	3	9	0	8	1	1	8	5	1	3	5	1	3	
	MABANDA	10	0	0	1	8	1	3	7	9	1	5	5	5	1	4	5	0	5	
	MGOLOKONI	8	0	1	5	2	1	7	1	8	0	3	5	3	1	4	4	4	0	
TOTAL		77	13	4	33	26	18	49	28	54	23	22	55	32	20	25	29	12	36	

16) 2nd M&E Data: Handwash Facilities Mtsamviani

LOCATION	VILLAGE	FACILITIES			IN USE		HAS WATER		HAS SOAP		WELL POSITIONED	
		PRESENT	NOT PRES	DAMAGED	YES	NO	YES	NO	YES	NO	YES	NO
MTSAMVIANI 2nd M&E	MASHAMBINI	1	6	0	1	0	1	0	1	0	1	0
	KIZIMBANI	0	8	0	0	0	0	0	0	0	0	0
	MTSAMVIANI	3	3	0	0	3	0	3	1	2	3	0
	DERI	5	2	0	3	2	5	0	3	2	5	0
	LWARA	0	7	0	0	0	0	0	0	0	0	0
	MZINJI	1	6	0	1	0	1	0	1	-	1	0
	FAHAMUNI	2	5	0	2	0	2	0	1	1	2	0
	KILINDINI	4	5	0	4	0	4	0	4	-	4	0
	MABANDA	7	3	0	3	4	3	4	2	5	7	0
MGOLOKONI	5	3	0	2	3	4	1	2	3	5	0	
TOTAL		28	48	0	16	12	20	8	15	13	28	0

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