

**SOCIAL WELFARE/CARITAS APOSTOLATE**  
**DIOCESE OF KUMBO**

**IN PARTNERSHIP WITH**

**KUMBO ASSOCIATION FOR TECHNICAL  
ASSISTANCE (KATA)**

**PROJECT N°: 121-014-1033 ZG**

**VILLAGE PIPE BORNE WATER SUPPLY PROGRAM AND  
ACCOMPANYING RURAL POPULATIONS ON WATER  
SYSTEMS MANAGEMENT AND WATER SAFETY MEASURES  
(2013 – 2016) IN THE DIOCESE OF KUMBO –  
CAMEROON**

**NARRATIVE REPORT OF THE  
THIRD SEMESTER OF THE PROGRAM  
(March 1<sup>st</sup> to August 31<sup>st</sup>, 2015)**



CARITAS KUMBO

# SOCIAL WELFARE APOSTOLATE DIOCESE OF KUMBO

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31<sup>st</sup> August 2015

**Project No: 121-014-1033**

## **Third Phase of Village Pipe Borne Water Supply Programme and Accompanying Rural Populations in the Diocese of Kumbo on Water Systems Management and Water Safety Measures (2013-2016)**

### **THIRD SEMESTER NARRATIVE REPORT**

#### **1. FORMAL DETAILS**

- 1.1. Name of partner organisation.** This project is jointly executed by the Social Welfare/Caritas department of the Diocese of Kumbo and the Kumbo Association for Technical Assistance (KATA).
- 1.2. Project title and project number.** The project is termed Village Pipe Borne Water Supply Program and Accompanying Rural Populations in Water Systems Management and Water Safety Measures 2013 - 2016 in the Diocese of Kumbo. It is registered with Misereor as project No. 121-014-1033ZG.
- 1.3. Reporting period.** The report covers all activities carried out during the third semester of project execution, that is the months March to August 2015
- 1.4. Brief description of how the report was prepared.** The report is an amalgamation of all the activities carried out within the reporting period and carries inputs from both the Social Welfare/Caritas office and the technical partner, KATA.

#### **2. CHANGES IN THE PROJECT SETTING.**

- 2.1. Important changes in the project setting.** The Tambveh water supply project which was a third year project was brought forward to the second year reason being that they provided their local contributions both in kind and cash ahead of time whereas Mumyu/ATP water project that was supposed to be in the second year is yet to put forth their own contributions. Moh which was not executed in the first year due also to their delay in the provision of local contribution was executed in the second year. Hence a total of six projects were executed in year two instead of the five envisaged in the plan.
- 2.2. Important changes within the partner organisation.** There was no major change within the partner organisation during this second year of execution. Rather, the staff and technicians keep gaining more experience thus improving the quality of their services.

#### **3. Implementing the project and achieving its objectives**

##### **3.1. Achievement of project objectives (as specified on the project contract)**

- Six potable pipe borne water supply schemes have been successfully constructed in six villages in year two of the third phase of the water supply program.

- Hygiene and sanitation sensitisation and education has been carried out in these villages. Coupled now with the availability of potable water, it is obvious that the rate of prevalence of water borne diseases is going to be on the decrease.
- With continuous education on the importance of water catchment protection, all the communities are already engaging in the protection of their catchment areas. This in addition will render their water at the level of the catchment safe.
- The process of collection and analysis of water borne disease statistics for the six villages is in process.
- There are functional water management committees in all the six newly executed water projects. These committees have continuously received training at various levels ranging from workshops to meetings in their respective project villages. This has continually boosted their capacities thus ensuring sustainable management of the water projects. They all have two caretakers per project, ensuring proper technical maintenance and management of the various structures. Most of the projects have their constitutions drawn up and in the process of legalisation while others have it legalised already.
- The even distribution of public standpipes throughout these villages has drastically dropped the former strain and stress undergone by women and children in search of water.
- Water hygiene and sanitation education exercise is being carried out in all primary schools in years one and two water project areas. During this exercise, hand washing stations and hygiene and sanitation posters are made available to schools to facilitate the hygiene and sanitation exercise and to serve as reminders afterwards.

### **3.2. Outputs.**

#### ***Introduction***

The second year projects of the third phase of village pipe borne water supply program in the Diocese of Kumbo was scheduled to include; Bamngam, Bongeh/Shuashua, Momyu/ATP, Kungi, and Nkolbi village projects. Reference letter dated 27<sup>th</sup>/02/20014 from the execution body, to the coordinator Social welfare, requesting for adjustment of First and 2<sup>nd</sup> year projects in which Moh in the first year was replace with Nkolbi in the second year. Reference letter dated 20<sup>th</sup>/01/2015, still from the Execution body, to the coordinator of social welfare, requesting for the readjustment of Momyu/ATP and Ta-ah Mbve (Momyu to the third year and Ta-ah Mbve to the second year). Also, with the suspension of Njimoh/SARICO water project in the first year to restudy their situation, the second year projects executed included; Kungi, Moh, Bamngam, Ta-ah Mbve, Bongeh/Shuashua and Njimoh/SARICO water projects.

The 2<sup>nd</sup> year project execution started from 15<sup>th</sup> November 2015, with Kungi and Bamngam and the workers went on Christmas vacation from the 20<sup>th</sup> December 2014 to 5<sup>th</sup> January 2015, and continued to 31<sup>st</sup> May 2015. Moh, Bongeh/Shuashua started from January 2015 to June 2015, mean while Njimoh/SARICO started from February 2015 to 15<sup>th</sup> July 2015. Ta-ah Mbve water project started much later on, since the execution body was waiting for the approval for readjustment of Ta-ah Mbve and Momyu/ATP. The starting of each of the projects was largely influenced by the readiness of the communities for the projects at the time.

This year project execution was successful as communities with low in put on local unskilled labour increased their efficiencies after serious mobilization and sensitization exercises from the execution body.

#### ***Achievements of the Second Year Project Execution:***

July 15<sup>th</sup> 2015 marked the end of the project execution in the second year projects of the program in the above mentioned projects. Below is the analysis of the achievements in each of the projects and their respective locations.

1) Project: - **KUNGI** VILLAGE WATER PROJECT

S/N	Structural Description	Position Descriptions			
		Quarter Name	Coordinates		
			Easting	Northing	Altitude (meters)
1)	Catchment	Source	010 46'53.9"	06 36'39.0"	1739
2)	Low Point Chamber 1		010 40'57.1"	06 36'42.1"	1707
3)	High point Chamber 1		010 40'58.2"	06 36'43.4"	1710
4)	Storage Tank		010 40'59.5"	06 36'46.4"	1691
5)	Low Point Chamber 2	Jikou	010 41'02.9"	06 36'43.6"	1640
6)	Combine valve/High point chamber	Jikou	010 41'05.8"	06 36'42.1"	1646
7)	Valve chamber 2		010 41'12.2"	06 36'24.7"	1606
8)	Stand pipe/Meter Chamber	Sonel 1(New layout)	010 41'28.7"	06 36'13.5"	1553
9)	Stand pipe/Meter Chamber	Sonel 2	010 41'39.9"	06 35'49.6"	1562
10)	Stand pipe/Meter Chamber	Philip's Area	010 41'46.1"	06 35'52.4"	1553
11)	Stand pipe/Meter Chamber	Agric post	010 41'28.8"	06 36'06.1"	1555
12)	Stand pipe/Meter Chamber	Rose's Area	010 41'37.3"	06 36'00.5"	1543
13)	Stand pipe/Meter Chamber	Long street	010 41'20.6"	06 36'16.0"	1573
14)	Stand pipe/Meter Chamber	Catholic Church	010 41'13.2"	06 36'18.2"	1604
15)	Stand pipe/Meter Chamber	Baptist Church	010 41'17.1"	06 36'24.4"	1568
16)	Stand pipe/Meter Chamber	Market	010 14'19.6"	06 36'30.6"	1574
17)	Stand pipe/Meter Chamber	Presbyterian school	010 41'12.0"	06 36'32.6"	1618
18)	Stand pipe/Meter Chamber	Kuku Area	010 41'14.5"	06 36'43.9"	1599
19)	Stand pipe/Meter Chamber	<b>Njikwa</b>	010 41'09.6"	06 36'53.5"	1611
20)	Stand pipe/Meter Chamber	<b>Palace Area</b>	010 41'21.3"	06 36'42.4"	1581
21)	Stand pipe/Meter Chamber	<b>Sangkfu Area</b>	010	06	1571

	Chamber		41'23.2"	36'51.7"	
22)	Stand pipe/Meter Chamber	<b>Catholic School</b>	010 41'30.1"	06 37'02.7"	1598
23)	Stand pipe/Meter Chamber	<b>Bonchie Area</b>	010 41'30.9"	06 36'50.6	1577
24)	Stand pipe/Meter Chamber	<b>Palace</b>	010 41'22.2"	06 36'42.4"	1565
25)	Piping and installations 8016M				

2) Project: **\_\_MOH VILLAGE WATER PROJECT**

S/N	Structural Description	Position Descriptions			
		Quarter Name	Coordinates		
			Easting	Northing	Altitude (meters)
1	Catchment 1	Source	010 42'41.3"	06 35'39.5"	1631
2	Catchment 2	Source	010 42'45.1"	06 35'39.4"	1613
3	Storage tank		010 42'46.2"	06 35'42.2"	1599
4	Low point		010 42'47.0"	06 35'44.8"	1587
5	High Point		010 42'48.1"	06 35'46.3"	1590
5	Stand pipe	Health center and C.S Moh	010 42'47.2"	06 35'53.2"	1582
6	Stand pipe	Shebe	010 42'48.8"	06 36'02.8"	1579
7	Stand pipe	Magang	010 42'50.1"	06 35'59.5"	1579
8	Stand pipe	Market	010 42'56"	06 36'06.3"	1573
9	Stand pipe	Njebongi	010 42'50.2"	06 36'10"	1574
10	Stand pipe	Church	010 43'01.6"	06 36'08.9"	1560
11	Stand pipe	Palace	010 43'07.6"	06 36'14.4"	1552
12	Stand pipe	Manko	010 43'17"	06 36'17.6"	1556
13	Stand pipe	Konnchep junction	010 43'21.1"	06 36'21.2"	1566
14	Stand pipe	Kobu 1	010 43'25.2"	06 36'24.1"	1560
15	Stand pipe	Kobu 2	010 43'35.5"	06 36'32.8"	1542
16	Piping and installations,3500M				

3) Project: **\_\_BONGEH/SHUASHUA VILLAGE WATER PROJECT**

S/N	Structural Description	Position Descriptions			
		Quarter Name	Coordinates		
			Easting	Northing	Altitude (meters)
1	Catchment 1	Source 1	010 45'24.9"	06 27'11.7	2073
2	Catchment 2	Source 2	010 45'23.5"	06 27'10.4"	2075
3	Valve Chamber 1		010 45'23.3"	06 27'18.2"	2069
4	Storage Tank		010 45'21.6	06 27'07.7"	2061

5	High point	Bongeh	010 45'10.2"	06 26'58.0"	2048
6	Valve Chamber 1	Bongeh	010 45'02.2"	06 26'57.6"	2052
7	Stand pipe	Bongeh 1	010 45'02.7"	06 26'54.4"	2031
8	Stand pipe	Bongeh 2	010 45'00.1"	06 26'47.7"	1995
9	Stand pipe	Bongeh 3	010 45'05.2"	06 26'33.6"	1953
10	Stand pipe	Bongeh 4	010 44'55.4"	06 26'55.3"	2011
11	Stand pipe	Bongeh 5	010 44'46.7"	06 26'50.7"	2029
12	Stand pipe	Bongeh 6	010 44'46.8"	06 26'40.5"	2010
13	Valve chamber	Bongeh	010 44'42.9"	06 26'46.2"	2021
14	Stand pipe	Shuashua 1	010 44'22.1"	06 26'39.1"	1968
15	Stand pipe	G S Shuashua	010 44'16.1"	06 26'40.1"	1964
16	Stand pipe	CBC Church	010 44'12.7"	06 26'32.8"	1963
17	Stand pipe	Shuashua 2	010 44'01.8"	06 26'27.9"	1953
18	Stand pipe	Shuashua 3	010 43'53.1"	06 26'34.2"	1919
19	Stand pipe	Shuashua 4	010 44'07.4"	06 26'19.4"	1941
20	Stand pipe/meter chamber	Shuashua 5			
21	Piping and installations, 4310M				

4) Project: **TA-AH MBVE VILLAGE WATER PROJECT**

S/N	Structural Description	Position Descriptions			
		Quarter Name	Coordinates		
			Easting	Northing	Altitude (meters)
1	Catchment Rehabilitation	Source	010 41'25.5"	06 14'04.5"	1869
2	Low Point Chamber 1		010 41'21.5"	06 13'50.1"	1806
3	Storage Tank		010 41'15.7"	06 13'42.7"	1821
4	Low Point Chamber 2		010 41'15.6"	06 13'39.2"	1792
5	Stand pipe/Meter chambers	Lavbam Area	010 41'13.8"	06 13'30.1"	1807
6	Stand pipe/Meter chambers	Upper Brasseries	010 41'18.4"	06 13'20.4"	1808
7	Stand pipe/Meter chambers	Upper Kidzemkikir	010 41'19.1"	06 13'13.8"	1796
8	Stand pipe/Meter chambers	Down Kidzemkir	010 41'15.7"	06 13'07.9"	1765
9	Stand pipe/Meter chambers	Ndoh Quarter	010 41'08.3"	06 13'06.7"	1752
10	Stand pipe/Meter chambers	Komkui 1	010 41'09.3"	06 13'16.0"	1746

11	Stand pipe/Meter chambers	Komkui 2	10 41'06.7"	06 13'19.6"	1746
12	Stand pipe/Meter chambers	Ntelai 1	010 41'08.5"	06 13'25.6"	1752
13	Stand pipe/Meter chambers	Ntelai 2	010 41'09.9"	06 13'21.6"	1747
14	Stand pipe/Meter chambers	Komkui 3	010 41'03.2"	06 13'13.9"	1735
15	Stand pipe/Meter chambers	Komkui 4	010 41'04.0"	06 13'06.8"	1732
16	Stand pipe/Meter chambers	Ndui quarter	010 41'00.9"	06 12'57.8"	1728
17	Stand pipe/Meter chambers	Mbiameh quater	010 40'57.5"	06 12'56.4"	1700
18	Stand pipe/Meter chambers	Kidzev quater	010 40'55.6"	06 12'58.0"	1889
19	Piping and installations ,5462M				

Before the commencement of construction works on this project and as per our project formulation, the Strategic Humanitarian Service (SHUMAS), to whom the community after waiting for a while had also initially applied for help could contribute the following to the process: 218 pieces of diameter 63mm pipes covering a total length of 1286.2 meters of pipeline, started the construction of spring catchment. The support is calculated alongside the community's support to the project. This help a lot to extend the piping network to 6748.2 meters instead of 5462 meters in our project formulation and the water to some other parts of the village We were also able to add two other standpipes in Ntelai 1 and 2 quarters due to this extension.

5)Project: **BAMNGAM VILLAGE WATER PROJECT**

S/N	Structural Description	Position Descriptions			
		Quarter Name	Coordinates		
			Easting	Northing	Altitude (meters)
1	Catchment 1	Source	010 40'30.3"	06 10'13.6"	1823
2	Catchment 2	source	010 40'32.1"	06 10'12.2"	1821
3	Storage tank 1		010 40'31.8"	06 10'12.7"	1807
4	Standpipe/meter chamber	Catholic church	010 40'37.9"	06 10'14.2"	1748
5	Standpipe/meter chamber	Taswer 1	010 40'48.1"	06 10'06.6"	1737
6	Standpipe/meter chamber	Taswer 2	010 40'55.4"	06 09'59.0"	1729
7	Standpipe/meter chamber	Taswer 3	010 40'52.0"	06 09'56.5"	1735
8	Standpipe/meter chamber	Taswer 4	010 40'55.0"	06 09'50.0"	1735

9	Standpipe/meter chamber	Taswer 5	010 41'00.1"	06 10'05.2"	1703
10	Standpipe/meter chamber	Mbvem	010 40'14.0"	06 10'14.0"	1690
11	Standpipe/meter chamber	Tsekai	010 40'56.9"	06 10'25.4"	1650
12	Standpipe/meter chamber	Lahnyuy	010 40'54.2"	06 10'30.2"	1640
13	Standpipe/meter chamber	G S Bamngam	010 40'50.4"	06 10'21.9"	1676
14	Standpipe/meter chamber	Mbvem 2	010 40'46.0"	06 10'19.3"	1697
15	Catchment 3	Source	010 40'40.9"	06 10'15.4"	1713
16	Storage tank 02		010 40'41.6"	06 10'16.2"	1704
17	Standpipe/meter chamber	Kibutey	010 40'32.6"	06 10'29.7"	1736
18	Standpipe/meter chamber	Kibutey 2	010 40'41.1"	06 10'40.4"	1724
19	Piping and installations				

6)Project: **NJIMOH VILLAGE WATER PROJECT**

S/N	Structural Description	Position Descriptions			
		Quarter Name	Coordinates		
			Easting	Northing	Altitude (meters)
1	Catchment	Source	010 42' 26,7"	06 35' 22.1"	1709
2	Storage Tank/Main Tap	Njimoh Central	010 42' 27.9"	06 35' 21.4"	1701
3	Low Point Chamber		10 42' 32.7"	06 35" 40.5"	1675
4	Mborroh Standpipe 1		010 42' 32.9"	06 35' 44.7"	1689
5	Mborroh Standpipe 2		010 42' 30.9"	06 35' 45.6"	1683
6	Piping and installations				

During the execution of these projects, caretakers were trained as follows; two in Kungi village, one in Moh, one in Njimoh, one in Bongeh/shuashua, one in Bamngam, and one in Ta-ah Mbve villages. Their training started from the start date of the projects realizations to the end dates. We recommended that, for projects with one caretaker, another person should be selected or elected in the village to work together with the already trained caretaker so as to gain the skills. These caretakers were also provided with basic tools for the maintenance of the projects including; set of pipe wrenches, spades, set of dicing machines, hawk saw, and some spare pipes. Each of the projects was also provided with the "caretaker's visiting observatory" and "water production/consumption record book". They were also drilled on how to use these records together with their committees.



**Program for KAP (Knowledge attitude and practice) studies in some year two water projects**

Day	Place	Activity
9 <sup>th</sup> and 10 <sup>th</sup> of February 2015	Caritas Kumbo office	Work session with Anembom consulting and social welfare field staff in view of the KAP study exercise. Establishment of questionnaires for the KAP studies
11 <sup>th</sup> February 2015	Tambveh	Test of the KAP study questionnaires
12 <sup>th</sup> of February 2015	Caritas office	Review of the administered test questionnaires and final editing.
23 <sup>rd</sup> to 25 <sup>th</sup> February 2015	Bamngam village	Administering of questionnaires for the KAP study
26 <sup>th</sup> to 28 <sup>th</sup> Feb 2015	Moh village	Administering of questionnaires for the KAP study
1 <sup>st</sup> to 5 <sup>th</sup> March	Kungi	Administering of questionnaires for the KAP study

**Program of workshop on catchment protection (setting up and management of tree nurseries for water and environmentally friendly trees.**

DAY	TIME	ACTIVITY	Lead persons
Thursday 19 <sup>th</sup> March	5:00pm	Arrival and checking in of participants and trainers.	Social welfare staff
	7:00pm	Supper	General
	8:00pm	Orientation and retire	Social welfare
Friday 20 <sup>th</sup> March	5:30am	Rise	General
	6:30am	Morning Prayers/Mass	Fr. Daniel
	7:00am	Breakfast	General
	8:00am	Input on generalities of water catchment protection	Program officer for catchment protection, Social welfare
	9:00am	Input on how to set up tree nurseries	Green Care
	10:30am	Short break	General
	10:45am	Input on bee keeping and the medicinal value of honey	Green Care
	11:45am	Short break	General
	12:00 noon	Workshop	Green Care/Social welfare staff.
	01:00pm	Lunch	General
	03:00pm	Plenary assembly	General
	04:30pm	Input on environmental importance of natural trees and their role in water catchment protection	Green Care
	05:30pm	Short break	General
	05:45pm	Medicinal value of some water friendly trees and how to use them	Green Care
06:45pm	Evening prayers	General	
07:00pm	Supper	General	
8:30pm	Review and assessment of the day's activities	General	

	09:30pm	Retire	General
Saturday 21 <sup>st</sup> March	5:30am	Rise	General
	6:30am	Morning Prayers	
	7:00am	Breakfast	General
	08:00am	Departure to Green Care tree nursery site	
	11:30am	Departure from nursery to field to experience a water project that has failed because catchment protection was not taken into account since the time of execution of the project	
	13:30	Return to the centre and commemoration of the world water day with a display of the team to round off the workshop	
	14:30	Lunch	
	15:30	Refund of transport and departure	
APRIL TO MAY	Distribution of nursery materials (seeds, watering cans, polythene bags, fencing wire and nails) to communities.		

Program of work for during the time of one of the German Volunteers in the Social Welfare/Caritas office

**Week one- Monday 18<sup>th</sup> to Friday 22<sup>nd</sup> of April 2015**

Day/Date	Place	Activity	Time
Monday 18 <sup>th</sup> of May	Social welfare/Caritas office	Planning and preparation for the rest of the week.	8:00 am
Tuesday 19 <sup>th</sup> of May	Social welfare/Caritas office	Planning and preparation for the rest of the week.	08:00 am
Wednesday 20 <sup>th</sup> May	Public holiday		
Thurs 21 <sup>st</sup> of May	Catholic primary school Mbveh	Sensitization on hand health hygiene and sanitation with emphasis on hand washing, provision and demonstration on the use of hand washing stations	12:00 noon
Friday 22 <sup>nd</sup> of May	Presbyterian primary school Mbveh	Sensitization on hand health hygiene and sanitation with emphasis on hand washing, provision and demonstration on the use of hand washing stations	12:00 am

**WEEK TWO: MONDAY 25<sup>TH</sup> TO FRIDAY 29<sup>TH</sup> MAY**

Mon 25 <sup>th</sup> of May	Social welfare office	Assessment of the past week and planning for the rest of the week	08:00 am
Tuesday 26 <sup>th</sup> of May	Tadui water project	Follow-up visit and monitoring of the entire water project from catchment to stand taps. Meeting with the community to discuss on the general functioning of the scheme. Hygiene and sanitation checks.	10:00 am

Wednesday 27 <sup>th</sup> of May	Taron water project	Follow-up visit and monitoring of the entire water project from catchment to stand taps. Meeting with the community to discuss on the general functioning of the scheme. Hygiene and sanitation checks. Assess the extent of resolution of the conflict at the catchment area.	10:00 am
Thursday 28 <sup>th</sup> of May	Lange water project	Follow-up visit and monitoring of the entire water project from catchment to stand taps. Meeting with the community to discuss on the general functioning of the scheme. Hygiene and sanitation checks. Assess the extent of resolution of the conflict at the catchment area.	10:00 am
Friday 29 <sup>th</sup> May	Social welfare office	Assessment of the past week and planning for the rest of the week	08:00am
<b>WEEK THREE: Monday 1<sup>ST</sup> TO Friday 5<sup>th</sup> June</b>			
Monday 1 <sup>st</sup> of June	Social welfare office	Assessment, review and reporting of the past week and planning for the rest of the week	08:00am
Tuesday 2 <sup>nd</sup> of June	BongehShua/shua village/Mbiyeh Health Center	Visit the just completed water. Follow-up on the catchment protection (death fencing with barb wire, life fencing, monitor the survival rate of the nursed tree seeds and the general set up of the tree nursery. Meeting with community and education on the general functioning, management and maintenance of the entire system to ensure sustainability.	10:00am
Wednesday 3 <sup>rd</sup> June	Bondu water project	Follow-up visit and monitoring of the entire water project from catchment to stand taps. Meeting with the community to discuss on the general functioning of the scheme. Hygiene and sanitation checks. Assess the extent of resolution of the conflict at the catchment area.	10:00am
Thursday 4 <sup>th</sup> of June	Barabe water project	Follow-up visit and monitoring of the entire water project from catchment to stand taps. Meeting with the community to discuss on the general functioning of the scheme. Hygiene and sanitation checks.	10:00am

Friday 5 <sup>th</sup> of June	Mbobe	Visit a project that had real challenges during and after execution. Asses the level at which they are now after several education visits by the social welfare/KATA staff, visit their catchment area and tree nursery. Observe general functioning of the system and give necessary moral support to the committee in place.	10:00am
<b>WEEK FOUR: MONDAY 8<sup>th</sup> TO Friday 12<sup>th</sup> 2015.</b>			
Monday 8 <sup>th</sup> of June	Social welfare office	Review of the past weeks and assessment of the field findings	08:00am
Tuesday 9 <sup>th</sup> June	Social welfare office	Writing of annual report for project No 121-014-1033ZG	08:00am
Wednesday 10 <sup>th</sup> June	Social welfare office	Continuation with the report for 1033	08:00am
Thursday 11 <sup>th</sup> June	Lang water project	Visit a virgin project where work is yet to commence, visit the present sources from which they fetch water for domestic use and talk to some community members to appreciate their difficulties. Interview community members on their readiness for the execution of the project and the contributions they have made or are ready to make to towards the execution of the water project.	10:00am
Friday 12 <sup>th</sup> of June	Social welfare office	Review of the week's activities and continuation with report.	08:00am
<b>Week five: Monday 15<sup>th</sup> of June to Thursday 18<sup>th</sup> of June</b>			
Monday 15 <sup>th</sup> June	Social welfare office	Reporting	08:00am
Tuesday 16 <sup>th</sup> June	Social welfare office	Reporting	08:00am
Wednesday 17 <sup>th</sup> June	Social welfare office	Reporting	08:00am
Thursday 18 <sup>th</sup> June	Social welfare office	Debriefing meeting with entire office staff and evaluation of the entire time of the volunteer in the office.	08:00am
	-	Farewell lunch	12:00pm

### 3.3. Implemented activities

- A total of six water schemes have been successfully executed. These included Moh, Njimoh, Tambveh, Bongeh/Shuasha, Bamngam, and Kungi
- A re-sensitisation program was organised and carried out to all years one and two water projects to analyse the state of protection of the water catchment areas and to reiterate the importance of this exercise in the sustainability of the water projects. All executed water projects have engaged in the protection of water catchment areas. During this visit, the communities were assisted in marking out

the immediate catchment of at least 50 meters radius from the source, necessary for immediate protection measures to be set up.

- A KAP (knowledge, Attitude and Practice) study was planned and carried out in three year two water projects following the recommendation of the WASH consultant from Misereor (Dr. Eckart Rainer) during his visit to Caritas Kumbo. (See Annex)
- Materials for tree nurseries were made available to all the phase three water projects. Tree nursery is way a new concept for many as it is not a common activity. To ensure efficient and effective utilisation of these resources, a workshop was organised to give basic training on the set up and management of tree nurseries. The expertise of Green Care, an NGO whose focus is environmental protection and tree nursing was hired to facilitate the training. Three delegates from each water management committee were invited for the training. All the water management committees of 15 water projects were represented during this workshop.
- Seeds of water friendly trees, polythene bags and watering cans have been made available to all water projects that attended the workshop.  
It is important to note that only seeds of fast growing species were provided to catch up with the season.
- An average of 6900 pupils in 23 primary schools throughout the Diocese have received education on the relationship between water and water borne diseases, the routes of transmission of these diseases and how to prevent them. They have also received lessons on the right way of hand washing with posters to remind them and hand washing stations to serve as practical lessons to both pupils and teachers. During these visits, the teachers are encouraged to constantly remind the pupils practically on the right way of hand washing as this is very vital in breaking the transmission chain of most diarrheal diseases. The pupils are also reminded of the various water purification methods in case of moments without pipe borne water. In this light, more emphasis is laid on SODIS (solar disinfection) which is a very effective and easy to use method of water purification.
- All newly executed water projects are fully engaged in water catchment area protection. The level of achievement of this objective varies from project to project. While some are far advanced, others are facing some challenges which will eventually be sorted out as Caritas is continuously accompanying them in the process.
- The communities through field visits have received training on water hygiene and sanitation. They are during this education process encouraged to maintain hygiene from the level of the catchment, tank, and stand pipes and above all at the level of homes and personal hygiene. This is taking slow pace as it has to do a lot with behaviour change and the introduction of new ideas and concepts like washing of tanks and catchments. The health hygiene and sanitation officer will continue to accompany these people until the desired change is attained.
- The process of collection and analysis of water borne disease statistics in year two water projects is ongoing. It is however challenging as only two out of the six villages (Bongeh/Shuashua and Tambveh) have a health unit. In Donga, Njimoh/SARICO, Moh and Kungi get medical attention from the Nkambe regional hospital. Their statistics are found within thousands of records of people from other areas. This and lack of ready collaboration from the hospital staff render the whole process tedious. We are however giving it the necessary attention as the statistics are imperative in establishing the trend of water borne diseases in these communities.

#### **3.4. Additional effects and risks**

Despite the successful construction of the second year water schemes, there were a few risky situations that affected the different aspects of the program.

- Despite the education and sensitisation done in relation to catchment protection, Moh, Njimoh and Bamngam are still encountering some conflicts at the level of acquiring the catchment areas as these were found in individual farmlands. Through the advice of the Caritas staff, the WMCs and other authorities peaceful agreements are underway with the individuals as to what has to be done.

- Tambveh, which was relatively a smaller project took longer than expected. It is worth noting that as imperative as the project is to the people, many of the inhabitants are non-natives of the place. Most people are business people in the Kumbo main market which happen to be located in Mbveh. Thus only a handful of people were available to do the excavations.
- Control tests carried out on water samples from year one projects prove that there is some level of contamination in all the water sources. It became a call for alarm as to why the very sources that were tested fit for consumption have suddenly become grossly polluted. Further investigations proved that there was contamination of the tanks during construction. With this, we are already making immediate arrangements for disinfection of the structures after which the water will be tested again to confirm the water quality.

### **3.5. Evaluation**

- ✚ At the level of supply of potable water to the earmarked communities, a self evaluation places the achievement of the objective at 100% given that all the communities have a functional pipe borne water supply scheme.  
The execution body is monitoring the projects to evaluate the capabilities of the trained caretakers. The committees of projects with capable caretakers have been provided with draft constitutions to study and develop as the bylaws of the management of their water projects. When the drafts constitutions shall be signed as the laws for the management of the projects, the execution body shall then report to the Social welfare to program for handing over of the project. Emphasis shall be laid on the recording of the meter readings from the installed water meters.
- ✚ Health, hygiene and sanitation education is going on in these communities as behaviour change is not easily attained. However, there is already a high level of health, hygiene and sanitation awareness in all these communities. What needs to be done is follow-up and continuous education in order to attain the objectives.
- ✚ 100% of the communities have received knowledge on catchment protection and have at least engaged themselves in one way or the other to protect the catchment areas. There are challenges faced in different aspects pertaining to catchment protection in the different communities; but with the accompanying process, they have received and continue to receive guidelines on how to sort out most of these issues hindering them from protecting the water catchment areas.
- ✚ There is at least 95% reduction in stress and strain formerly undergone by women and children in fetch for water. General hygiene in homes and communities is greatly improving.

## **4. Conclusions**

### **4.1. Lessons learned within the project setting.**

- √ Formerly, the mobilisation of communities for all forms of local contributions was left in the hands of the leaders in charge of the water project in each community. In most cases, the rate of assembly of these resources was very timid. We realised that the ignorant population assumed 100% sponsorship of the projects by external donors and so considered the collection of levies as a way for the leaders to enrich themselves.

Caritas Kumbo therefore decided to accompany the committees in the mobilization during which the aspect of local contribution and the need for it is clearly explained in general assembly meetings in each community. The result of this has been very prominent on this third phase of the water supply program.

A total of thirteen out of sixteen projects has been realized. The remaining projects including Lang, Ngondzen and Momyu/ATP, will be executed in the third year of the third phase of the program.

Some activity pictures.



Participants at the mobilisation visit in Lang-Oku



Presbyterian school Mbveh



Catholic primary school Mbveh

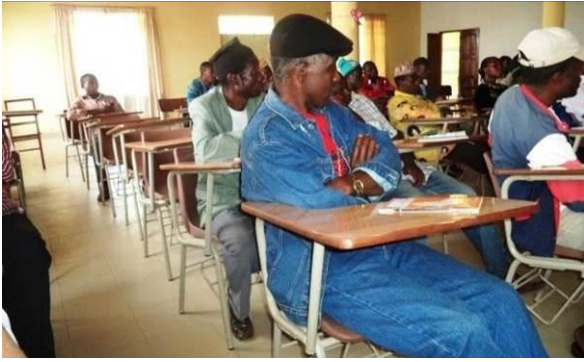


Islamic Primary school Njomboh



Baptist primary school Romkong

Health Hygiene and sanitation sensitisation and education in some primary schools



Plenary session during workshop



Participants at a workshop session



Different seeds and their characteristics being explained to participants at Green Care in Shisong



Practical experience of tree nursery set up and management at the Green care tree nursery in Shisong



Provision of nursery and fencing materials to some communities



Njema/Bobe

Tree nurseries set up in some communities with the seeds already starting to germinate.





Stone quarry in Moh village



Local materials in Bamngam



Pipeline excavation in Kungi



Children transporting local material



Spring excavation in Bamngam



Spring Catchment construction in Moh



Channeling of spring



Coordinator inspects completed catchment in Bamngam



Main water meters



Construction of standpipe and meter chamber



“We now have water close to us” And in excess in our village



Njimoh Water point



Training on water meter reading/Recording

Fr. Daniel Ache Amuhngwa  
Kumbo Diocesan Coordinator, Social Welfare/Caritas Department