

<b>Requesting Organization :</b>	United Nations Children's Fund	
<b>Allocation Type :</b>	2nd Round Standard Allocation	
<b>Primary Cluster</b>	<b>Sub Cluster</b>	<b>Percentage</b>
WATER, SANITATION AND HYGIENE		100.00
		<b>100</b>
<b>Project Title :</b>	Emergency Water Supply, Sanitation, and Hygiene Interventions in all five counties of Norther Bahr el Ghazel State of South Sudan.	
<b>Allocation Type Category :</b>	Frontline services	

<b>OPS Details</b>			
<b>Project Code :</b>	SSD-16/WS/88996	<b>Fund Project Code :</b>	SSD-16/HSS10/SA2/WASH/UN/3638
<b>Cluster :</b>	Water, Sanitation and Hygiene (WASH)	<b>Project Budget in US\$ :</b>	444,008.27
<b>Planned project duration :</b>	6 months	<b>Priority:</b>	1
<b>Planned Start Date :</b>	01/09/2016	<b>Planned End Date :</b>	28/02/2017
<b>Actual Start Date:</b>	01/09/2016	<b>Actual End Date:</b>	28/02/2017
<b>Project Summary :</b>	The project will mainly focus on to support the nutrition and health interventions by providing WASH packages to families of malnourished children and lactating and pregnant women, Rehabilitation of non functional water points and construction and rehabilitation of water supply, sanitation and hand washing facilities in health and Nutrition centers. A total of 100 OTPs/TSFPs and 5 Stabilization centers will be targeted by the project in addition to 80 hand pump rehabilitations planned in highly affected areas.		

<b>Direct beneficiaries :</b>				
Men	Women	Boys	Girls	Total
7,900	10,710	19,907	21,483	60,000

<b>Other Beneficiaries :</b>					
Beneficiary name	Men	Women	Boys	Girls	Total
Children under 5	0	0	11,897	13,173	25,070
People in Host Communities	7,900	6,710	8,010	8,310	30,930
Pregnant and Lactating Women	0	4,000	0	0	4,000

**Indirect Beneficiaries :**  
 50,000 people using the 10 health/nutrition facilities provided by WASH facilities

**Catchment Population:**  
 The project is targeting the population affected by food insecurity and nutrition crises in all the five counties of Northern Bahr el Ghazel State of South Sudan.

**Link with allocation strategy :**  
 This project is aligned with the first strategic objective of the South Sudan Humanitarian Response Plan (HRP) - 2016 for emergency affected populations and vulnerable communities. The main focus will be to save lives and alleviate suffering for vulnerable communities affected by food insecurity and nutrition crises. Both the South Sudan Humanitarian Fund strategy paper and the WASH Cluster Strategy for second round allocation have given highest priority for NBeG emergency response for integrated lifesaving emergency response of WASH with Health and Nutrition. The objective is immediate provision of safe access to WASH services focusing on the health facilities, , Outpatient Therapeutic Programmes (OTPs), and Targeted Supplementary Feeding Programme (TSFP) that will increase the impact of Health and Nutrition interventions to allow children to recover quickly and avoid any complication for malnourished children due to contamination of communicable diseases. It is critical that the WASH situation is improved in the facilities and areas of vulnerable communities to avert compounded effect of the food crises with an outbreaks of waterborne disease, leading to increased morbidity.  
 Focus will be on provision of emergency WASH packages for families of malnourished children including hygiene promotion in 100 OTPs and SFCs in NBeG state, provision of sanitation, hand washing and water storage facilities for stabilisation centres and selected OTPs and SFCs with high number of children admitted for treatment, rehabilitation of existing water facilities in vulnerable communities and health facilities, and provision of emergency water supply and hygiene promotion points in main General Food Distribution (GFD) sites.

**Sub-Grants to Implementing Partners :**

Partner Name	Partner Type	Budget in US\$

**Other funding secured for the same project (to date) :**

Other Funding Source	Other Funding Amount

**Organization focal point :**

Name	Title	Email	Phone
Lillian Okwirry	Chief of WASH	lokwirry@unicef.org	+211954578417

**BACKGROUND****1. Humanitarian context analysis**

According to Food Security and Nutrition Monitoring System (FNSMS) report of June 2016 the GAM in Northern Bahr el Ghazal state has hit a catastrophic level at 33.3%, indicating that one in every three children 6 to 59 months in NBeG is acutely malnourished which is meeting famine threshold for this specific indicator. The deterioration in the nutrition situation is primarily due to the effects of the economic crisis and depleted stocks from the last harvest. According to same report high levels of childhood morbidity prevail in NBeG population. Out of all the children assessed, 48.5% reported having suffered from fever, 33.3% from diarrhea, and 9.1% suffered from other infections (notably skin and eye infections). As noted in all previous assessments, child morbidity bears a strong and significant association with child wasting. Children that reported having suffered from at least one of the surveyed diseases had a significantly higher chance of being malnourished (MUAC<125). Therefore, strengthening disease prevention measures may contribute to improvement of the nutrition situation in South Sudan.

With regard to WASH, although the State has better water supply coverage with over 60% coverage currently most of the water points are not functional due to stretched capacity of the communities to cover operation and maintenance costs for Water points, increased cost of spare parts and limited capacity of Government offices responsible for WASH sector monitoring and community support due to distribution of WASH assets like vehicles for the newly established constitutional positions in the New states. These combined problem significantly affected the functionality of the WASH facilities in the state and currently an estimated 30% of the existing facilities are not functional.

**2. Needs assessment**

After the critical FNSMS findings of June 2016 highlighting GAM of 33.3% and severe acute malnutrition (SAM) of 10%, WFP and UNICEF teams, led by their respective representatives, met on 17th July and agreed to scale up GFD, Nutrition, Health, and WASH responses. Since the causes (immediate, underlying, and basic) of acute malnutrition are multiple, an integrated response to acute malnutrition in NBeG was recommended in order to significantly reduce the problem.

Based on the agreement made with WFP for an integrated response, UNICEF WASH, Nutrition, and Health teams conducted different field missions to assess the situation and respond to immediate needs. A recent joint mission was conducted from 18th to 25th August 2016. The assessment mainly focused on OTP sites and stabilisation centres. According to the information collected by UNICEF WASH team from different partners from a total of 184 OTPs in all the five counties of NBeG state, about 30% don't have functional water points, 55% don't have sanitation facilities or sanitation facilities need maintenance, and no OTP is distributing WASH packages to families of malnourished children.

In addition, the team also collected secondary data from the directorate of Water and Sanitation offices in the newly established Aweil East and Aweil States on status of water points, which indicated that though the water supply coverage in NBeG state is relatively better with above 60% coverage, over 30% of the facilities are not currently functional. This is due to a combination of lack of contribution of households for operation and maintenance for facilities due to the economic crisis, unavailability of spare parts in the area, and lack of government funding to support the communities. There were two private companies selling hand pump spare parts in the state but both are currently experiencing stock-out of supplies due to high cost, and WASH committees not able to afford to buy supplies.

Therefore, for the WASH sector to contribute to quick reduction of morbidity and improvement of health status of the vulnerable population affected by the nutrition crisis, prioritising provision of WASH services in Health and Nutrition facilities and supporting maintenance of non-functional water points will be critical activities in need of priority attention, while community mobilisation for improved sanitation and construction of new facilities can be planned in the medium term.

**3. Description Of Beneficiaries**

The beneficiaries targeted will be vulnerable communities affected by food and nutrition crises especially malnourished children and families admitted to OTPs and stabilization centers

**4. Grant Request Justification**

The project will focus on to support the food security and nutrition response in the state. The activities will be mainly targeting the OTPs, TSFPs, Stabilization centers and communities highly affected by the food security and nutrition crises. Malnutrition is the root cause of about 35% of all Under-5 child deaths globally. It is estimated that 50% of these cases are associated with diarrhea or with repeated intestinal worm infections caused by unsafe drinking water and/or poor sanitation and hygiene (WHO, 2008; Cochrane, 2008). The WASH component focus on the provision of safe water supply, sanitation and hygiene services for malnourished children and their families, pregnant women and lactating mothers visiting the health and nutrition centers. The likelihood of mortality from diarrhea when a child is severely underweight is almost 10 times higher than average (Black et al, 2008). The vicious circle created has a strong negative impact on child growth and development. The provision of safe water and sanitation coupled with improvements in hygiene (WASH) can hence contribute significantly to this nutritional challenge and to health improvements. Assuring access to safe water and sanitation and to good hygiene practices (e.g. hand washing) should thus be a key integrated element in all humanitarian responses to a nutritional crisis. The provision of WASH services will be conducted through the rehabilitation of non-function water points due to lack of resource by the communities to pay for operation and maintenance and re-establish the system of operation maintenance by providing refresher training and fast moving spare parts and tools for WASH committees and pump attendants. The water supply project will be implemented using existing local service providers such as local pump mechanic association which have been established, trained and organized by previous programs by UNICEF and other partners in the state to ensure their continuous presence and support to communities.

## 5. Complementarity

Provision of quality WASH services will be a critical contributing factor in responding to the nutritional crisis and will be linked to health and nutrition needs. The overall WASH situation is magnified by the endemic nature of waterborne diseases like diarrhea and acute intestinal infection which disproportionately affect children under 5. High malnutrition rates are strongly linked to poor WASH conditions exemplified in the diarrhea-malnutrition vicious cycle which is prevalent in vulnerable populations.

Women and girls continue to be disproportionality affected by lack of water and sanitation facilities. As the main caregivers they are exposed to increasing gender based violence due to insufficient and unsafe access to water and sanitation facilities within the household. Thus, inter-complementarity of programme activities will exist between WASH and the sectors of Health, Nutrition, Protection and Education through efforts to provide WASH facilities in health centers and nutrition centers, and ensuring communities can access WASH services in a safe and dignified environment. Intra-complementarity between the two proposed WASH projects for frontline and pipeline activities will be linked through selection of key core pipeline supplies to support access to safe water supply, hygiene promotion as well as menstrual hygiene management (MHM) and a package of emergency WASH supplies to be distributed at the OTP and SFC to families of malnourished children.

## LOGICAL FRAMEWORK

### Overall project objective

To significantly contribute to the reduction of nutrition and food security crisis in Aweil east, Aweil center, Aweil West, Aweil North and Aweil South counties of NBGL State through the provision of timely and quality WASH services.

## WATER, SANITATION AND HYGIENE

Cluster objectives	Strategic Response Plan (SRP) objectives	Percentage of activities
CO1: Affected populations have timely access to safe and sufficient quantity of water for drinking, domestic use and hygiene (SPHERE)	HRP 2016 SO1: Save lives and alleviate suffering through safe access to services and resources with dignity	40
CO2: Affected populations are enabled to practice safe excreta disposal with dignity in a secure environment	HRP 2016 SO1: Save lives and alleviate suffering through safe access to services and resources with dignity	37
CO3: Affected populations have knowledge and appropriate behaviors to prevent and mitigate WASH related diseases and practice good hygiene	HRP 2016 SO1: Save lives and alleviate suffering through safe access to services and resources with dignity	23

**Contribution to Cluster/Sector Objectives :** The project supports the Cluster objectives as follows:

1. Provision of life saving WASH interventions in vulnerable communities affected by Food and Nutrition crises.
2. Increase activities that focus on improved behavior change to reduce transmission of waterborne diseases and contribute to the reduction of ongoing malnutrition that affects the children under 5 years and lactating mothers.

### Outcome 1

Increased access to water, sanitation and hygiene for health and Nutrition facilities in all five Counties of NBGL state to complement health and nutrition Intervention to reduce Morbidity of over 20,000 Malnourished children and their families.

### Output 1.1

#### Description

Families for Malnourished children and lactating mothers and pregnant women admitted in all 100 OTPs/TSFPs in all Five Counties of NBGL state are provided with Emergency family WASH packages and hygiene promotion.

#### Assumptions & Risks

##### Assumptions

1. Accessibility of All OTP sites in the state.

##### Risks

1. Risk of inaccessibility of some of the OTP sites
2. Risk of insecurity to transport supplies from Wau/Rumbek to project locations

#### Activities

##### Activity 1.1.1

Transportation of WASH Supplies from Wau/Rumbek warehouse to project Locations

<b>Activity 1.1.2</b>							
Training of 150 Hygiene promoters in coordination with WASH and Nutrition Partners							
<b>Activity 1.1.3</b>							
Distribution of Family WASH kits including soap, aqua tabs, HH water containers							
<b>Activity 1.1.4</b>							
Conduct hygiene and sanitation promotion through local radio channels in local language							
<b>Indicators</b>							
Code	Cluster	Indicator	End cycle beneficiaries				End cycle
			Men	Women	Boys	Girls	Target
Indicator 1.1.1	WATER, SANITATION AND HYGIENE	Frontline # of community based hygiene promoters trained	70	80			150
<b>Means of Verification</b> : Monthly/quarterly partners reports							
Indicator 1.1.2	WATER, SANITATION AND HYGIENE	Frontline # of people reached through direct and participatory hygiene promotion activities	2,000	8,700	4,500	4,800	20,000
<b>Means of Verification</b> : Monthly/quarterly partners reports, field Mission reports							
Indicator 1.1.3	WATER, SANITATION AND HYGIENE	Core Pipeline # of jerry cans/ buckets distributed					20,000
<b>Means of Verification</b> : Monthly/quarterly partners reports, field Mission reports							
<b>Output 1.2</b>							
<b>Description</b>							
10 health and nutrition facilities provided with WASH facilities including water storage, hand washing and latrines.							
<b>Assumptions &amp; Risks</b>							
Assumptions 1. Accessibility of All targeted health and nutrition facilities.							
Risks 1. Risk of insecurity to transport some supplies like water storage facilities not available in project locations							
<b>Activities</b>							
<b>Activity 1.2.3</b>							
Conduct hygiene and sanitation promotion through local radio channels in local language							
<b>Activity 1.2.1</b>							
Procurement of construction materials and supplies							
<b>Activity 1.2.2</b>							
Construction of sanitation facilities, hand washing stations and water storage facilities							
<b>Indicators</b>							
Code	Cluster	Indicator	End cycle beneficiaries				End cycle
			Men	Women	Boys	Girls	Target
Indicator 1.2.1	WATER, SANITATION AND HYGIENE	Frontline # of hand washing facilities constructed					100
<b>Means of Verification</b> : Monthly/quarterly partners reports							
Indicator 1.2.2	WATER, SANITATION AND HYGIENE	Number of OTP/TSFP/SC hosted in PHCCs provided with sanitation facilities					10
<b>Means of Verification</b> : Monthly/quarterly partners reports							
Indicator 1.2.3	WATER, SANITATION AND HYGIENE	Frontline # of emergency affected people with access to improved sanitation facilities	2,000	8,700	4,500	4,800	20,000
<b>Means of Verification</b> :							
<b>Outcome 2</b>							
Increased access to safe water supply for vulnerable communities in all five states of NBGL state through rehabilitation of existing water points.							
<b>Output 2.1</b>							
<b>Description</b>							
40,000 Nutrition and Food security Crises affected population in five counties of NBGI State have access to safe and functional waters supply facilities							
<b>Assumptions &amp; Risks</b>							

Assumptions													
1. There are no further conflicts or political instability that may hinder access to project sites.													
2. The targeted affected community members, including women, are engaged and actively participate in WASH Committees													
Risks													
1. Insecurity to access some project locations													
<b>Activities</b>													
<b>Activity 2.1.1</b>													
Rehabilitation of 80 water points in all five counties													
<b>Activity 2.1.2</b>													
Conduct Refresher training for 160 pump attendants and water committees													
<b>Indicators</b>													
Code	Cluster	Indicator	End cycle beneficiaries				End cycle Target						
			Men	Women	Boys	Girls							
Indicator 2.1.1	WATER, SANITATION AND HYGIENE	Frontline # Number of emergency affected people with access to improved water sources	7,030	8,605	12,225	12,140	40,000						
<b>Means of Verification</b> : Monthly/quarterly partners reports													
Indicator 2.1.2	WATER, SANITATION AND HYGIENE	Number of pump attendants and WASHCOM members trained					160						
<b>Means of Verification</b> : Monthly and quarterly project progress reports													
<b>Additional Targets</b> :													
<b>M &amp; R</b>													
<b>Monitoring &amp; Reporting plan</b>													
<p>UNICEF will have two staff monitoring the project (one international and one national WASH Specialist), who will be regularly visiting the project sites and overseeing the implementation of the WASH services planned by this project. In addition, UNICEF will coordinate with Nutrition partners working in NBeG state to ensure day-to-day monitoring of distribution of WASH packages and hygiene promotion interventions at health and nutrition facilities. The project will be reporting mid-term progress as well as a final narrative and financial reports through the GMS system as per the requirements of SSHF after the report compiled by the project staff has been reviewed and cleared at different levels within UNICEF WASH section and the Deputy Representative's office.</p> <p>UNICEF WASH Officer based in Aweil will be responsible for day to day monitoring of the implementation of the project activities including data collection and documentation. Monitoring visit for each target locations will be conducted weekly from UNICEF Aweil base. For construction activities UNICEF will assign sign supervisor who will be responsible for day to day supervision of the works and provide weekly progress report to UNICEF WASH officer.</p> <p>Distribution of WASH packages in OTPs/TFSPs will be conducted by Hygiene promoters assigned for each OTP in coordination with Nutrition partners responsible for the facilities and provide weekly report to UNICEF WASH officer in Aweil</p> <p>In addition to the above day to day monitoring and data compilation by the project it in the field. Monthly monitoring visits every planned by the UNICEF WASH Specialist from Juba to ensure project activities are planned as per schedule, quality assurance and over all technical support.</p> <p>UNICEF will establish a database for the project to record locations, beneficiaries, date of implementation of the project and other critical information which will be used for progress and final reports of the project.</p>													
<b>Workplan</b>													
Activitydescription	Year	1	2	3	4	5	6	7	8	9	10	11	12
Activity 1.1.1: Transportation of WASH Supplies from Wau/Rumbek warehouse to project Locations	2016									X	X		
	2017												
Activity 1.1.2: Training of 150 Hygiene promoters in coordination with WASH and Nutrition Partners	2016									X	X		
	2017												
Activity 1.1.3: Distribution of Family WASH kits including soap, aqua tabs, HH water containers	2016									X	X	X	
	2017												
Activity 1.1.4: Conduct hygiene and sanitation promotion through local radio channels in local language	2016												
	2017												
Activity 1.2.1: Procurement of construction materials and supplies	2016									X	X		
	2017												
Activity 1.2.2: Construction of sanitation facilities, hand washing stations and water storage facilities	2016										X	X	X
	2017	X	X										



1.2	WASH Specialist - International - 50%	D	1	22,322.00	5	50.00	55,805.00
1.3	WASH Programme Assistant - 50%	D	1	3,666.00	6	50.00	10,998.00
<b>Section Total</b>							<b>88,361.00</b>
<b>Contractual Services</b>							
4.1	Distribution of Emergency WASH packages, Installation of Hand Washing facilities and hygiene promotion in 100 OTP/TSFP sites	D	100	500.00	1	100.00	50,000.00
<i>This include transportation of WASH packages and installation of hand washing facilities for 100 nutrition/health facilities</i>							
4.2	Provision of sanitation facilities in health and nutrition centers	D	10	4,000.00	1	100.00	40,000.00
<i>Procurement, transportation and installation of water storage facility- 1000 USD. Hand washing facility- 500 USD, Construction of one male and one female VIP latrine - 2,500 USD. Total 4,000 USD per facility</i>							
4.3	Training of Hygiene Promoters	D	150	200.00	1	100.00	30,000.00
<i>150 hygiene promoters each 200 USD. This include cost of transport of staff to county center, stationary and refreshment costs</i>							
4.4	Rehabilitation of handpumps	D	80	1,100.00	1	100.00	88,000.00
<i>Rehabilitation of hand pump platform (cement, sand, aggregate and labor cost)- 700 USD per unit. Hand pump maintenance cost of pump mechanic associations including labor, transport of supplies to site - 400 USD. Total cost 1,100 USD per water point.</i>							
4.5	Refresher Training for Pump attendants and WASHCOM members	D	160	200.00	1	100.00	32,000.00
<i>160 WASHCOM members each 200 USD. This include cost of transport of staff to county center, stationary and refreshment costs</i>							
4.6	Broadcast of radio drama, spots and talkshows on WASH issues	D	1	5,000.00	3	100.00	15,000.00
<b>Section Total</b>							<b>255,000.00</b>
<b>Travel</b>							
5.1	Domestic flight costs (Flight costs @ \$400 return for Juba CO office staff travelling to NBGL to support FO staff)	D	1	400.00	6	100.00	2,400.00
5.2	Road travel cost (fuel, vehicle maintenance etc.) for supervision and monitoring field trips to projects sites in NBGL @ \$400 per trip.	D	3	400.00	6	100.00	7,200.00
<b>Section Total</b>							<b>9,600.00</b>
<b>General Operating and Other Direct Costs</b>							
7.1	Cross sectoral operating costs (15% of the total Programme cost)	S	1	62,000.00	1	100.00	62,000.00

	<i>This include cost of office maintenance, communication, security costs, IT costs and Admin services for UNICEF Juba and Aweil field office</i>						
	<b>Section Total</b>						<b>62,000.00</b>
<b>SubTotal</b>		509.00					<b>414,961.00</b>
Direct							352,961.00
Support							62,000.00
<b>PSC Cost</b>							
PSC Cost Percent							7.00
PSC Amount							29,047.27
<b>Total Cost</b>							<b>444,008.27</b>
<b>Grand Total CHF Cost</b>							<b>444,008.27</b>
<b>Project Locations</b>							
Location	Estimated percentage of budget for each location	Estimated number of beneficiaries for each location					Activity Name
		Men	Women	Boys	Girls	Total	
Northern Bahr el Ghazal	100	7,900	10,710	19,907	21,483	60,000	
<b>Documents</b>							
Category Name				Document Description			