



**EMERGENCY RESPONSE TO ALLEVIATE THE LACK OF ACCES TO
BASIC SERVICES OF THE MOST VULNERABLE POPULATION OF
GAZA CITY AND NEIGHBOURING AREAS, GAZA STRIP**

Last update on the 10th March 2009

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Annex 1: Selected pictures

1 Operational Overview of the Action

General objective: To ensure access to safe water to avert associated public health risks in Gaza City

Specific objective: To improve the physical access to the basic water needs of families affected by the current crisis in Gaza City.

2 Water distribution

ACF began supplying water to the population on the **12th of January 2009**.

The total amount of water distributed up to the 10th March are **12,436.24 cubic meters** to private houses & **784.2 cubic meters** to UNWRA shelter locations in Gaza City, Beach and Jabalia Camps (**1,843** water trucks deliveries in total).

The total number of beneficiaries in private houses so far is **119,765 people** (over 15,774 families) as shown in the following table:

No.	Company Name Capacity of Tank	Notes	Titles of Data			Day/ Quantity / Location													
				January	Feb.	1	2	3	4	5	6	7	8	5th 9	10	11	12	13	14
1	AbuMohammed Jendyia 7.5 m3	Full Day	Cub m3 No. of Trip Place	465.25 65	800.5 114	32 4 H	40 5 H	56 8 H	56 8 H	48 7 H		48 7 H	40 6 H	31 4 H	40 6 H				
2	AbuJihad Jendyia 9m3	Full Day	Cub m3 No. of Trip Place	119.7 15	0 0														
3	AlShahed Co. AbuElabed 5 m3	Full Day	Cub m3 No. of Trip Place	567.3 120	759.2 152														
4	AlFaiyomi Co. 10 m3	Full Day	Cub m3 No. of Trip Place	264.7 29	862.5 89	0 0 0	40 4 H	29 3 H	38.5 4 H	0 0 0		51 5 H	41 4 H	49 5 H	30 2 H				
5	Emad Dughmash Co. 10 m3	Full Day	Cub m3 No. of Trip Place	395.55 42	1123 123	24 3 H	32 4 H	64 8 H	64 8 H	40 5 H		40 5 H	48 6 H	48 6 H	48 6 H				
6	Yassen Co. 7m3	Full Day From 31st	Cub m3 No. of Trip Place	28 4	702.29 101	0 0 0	28 4 H	28 4 H	28 4 H	31 5 H		35.5 5 H	35.5 5 H	34 5 H	35 5 H				
7	Murtajja Co. 5m3	Full Day From 1st Feb.	Cub m3 No. of Trip Place	0 0 0	84.5 17 0														
8	AlShanna Co. 6m3&6.5m3	Full Day From 2nd Feb.	Cub m3 No. of Trip Place	0 0 0	20.5 4 0														
9	ElBarrawi Co. 6m3	Full Day From 2nd Feb.	Cub m3 No. of Trip Place	0 0 0	823.5 141 0	12 2 H	10 2 H	0 0 0	42 7 H	24 4 H		0 0 0	36 6 H	36 6 H	42 7 H				
10	AlManar Co. 3.5 m3	Work Half Day	Cub m3 No. of Trip	16.5 5	0 0														

		Just one Day	Place		0													
11	Shomer Co. 5 m3	Work Half Day Last Day on 20th	Cub m3 No. of Trip Place	101.5 19 0	0 0 0													
12	AINaile Co. 9m3	Full Day From 20th Half Day	Cub m3 No. of Trip Place	233.2 28 0	0 0 0													
13	AlSsakhrah Abed Co 6m3	Full Day From 2nd Feb.	Cub m3 No. of Trip Place	0 0 0	1504.25 258 0	45.5 9 H	56 10 H	71 12 H	68.5 12 H	76 13 H	70.5 12 H	71 12 H	68.5 12 H	56 10 H				
14	Jihad Abed Co. 13.5 m3	Full Day From 2nd Feb.	Cub m3 No. of Trip Place	0 0 0	1059.5 82 0	15 1 H	30 2 H	45 3 H	45 3 H	56.5 4 H	60 4 H	45 3 H	45 3 H	45 3 H				
15	Hassan Jendiah Co. 10 m3	Full Day From 16th Feb.	Cub m3 No. of Trip Place	0 0 0	219.5 33 0	0 0 0	20 2 H	29 3 H	29.5 3 H	39 7 H	48 7 H	36 4 H	35 4 H	50 5 H				
16	Osamah Abed Co. 10 m3	Full Day From 5th Mar.	Cub m3 No. of Trip Place	0 0 0	0 0 0	0 0 0				50 5 H								
17	Doghmosh 2 Co. 8 m3	Full Day From 5th Mar.	Cub m3 No. of Trip Place	0 0 0	0 0 0	0 0 0				32 4 H	56 7 H	56 7 H	36 6 H	49 6 H				

Cub m3	2191.7	7959.24	128.5	256	322	371.5	396.5	0	409	408.5	382.5	395	0	0	0	0	0	13220.44
No. of Trip	327	1114	19	33	41	49	54	0	52	53	51	50	0	0	0	0	0	1843

H : Houses
S : Shelters
H-S



Location	Total Cubes m3	Number of beneficiaries
1- Az Zaitoun (Gaza)	2354.25	18829
2- Southern Remal (Gaza)	45	395
3- Ash Shuja'iyyeh (Gaza)	298.2	4339
4- An Naser Ash Sheikh Radwan (Gaza)	34.5	280
5- Jabalia El Balad (Jabalia)	4929.15	45611
6- Jabalia Camp	31	482
7- As Sabra Gaza	60.75	1486
8 – Ad Darraj Gaza	17.5	108
9 – At Tuffah Gaza	71.6	1014
10 – Tal El Hawa Gaza	83.5	883
11 _Ash Shati' Camp	5	86
12 - Al Salateen	6.85	197
13- Al Attarta	2849.45	29547
14-As Sifa	1661.6	15371
15-Khan Yunis	11.5	61
16-AI Qarara	9	1076
TOTAL	12,468.85 m3	119,765 people

During the last 4 week ACF took **85** water samples as follows:

- 27 samples were taken from the sources
- 50 samples were taken from the water trucks used to supply the water
- 8 samples were taken from the roof tanks

During the last week, 9 samples were taken from water trucks, and the result showed that 8 samples were negative one was positive.

The water samples were tested in the Beirzeit University Water Lab.

The following table show the general water sample results in the different stages:

Stage of the process	No samples			Results
		Free of Total Coliforms	Total Coliforms detected	# of Total Coliforms detected
Until 1st March 2009				
1 - From the sources	27	27	0	0
2 - From the water trucks used to supply the water	50	36	14	13,10,12,68,30,18,14,TMC,TMC,10, TMC
3 – From the roof tanks	8	2	6	TMC,TMC,15,6,24,8
Total samples	85	65	20	

According to the water analysis results some coliforms are detected at water truck level, and roof tanks houses, ACF stopped the concerned water tankers while requesting and ensuring the contractors disinfect the tanks and ensure safe maintenance.

At the same time, whenever coliforms are detected at HH level (i.e. roof tanks), immediate HH focused advices are provided by ACF's staff.

3 Supply diesel fuel (50,000L) to the CMWU (Coastal Municipalities Water Utility)

ACF finished this activity the last 21st of January 2009.

4 Emergency cleanup of sewage spills and reinforcement and repair of the sewage lagoons of Beit Lahia and Gaza City.

ACF started this activity on the 17th of January 2008.

Reinforcement lagoons of Gaza City

Works have been completed and the damage has been repaired.

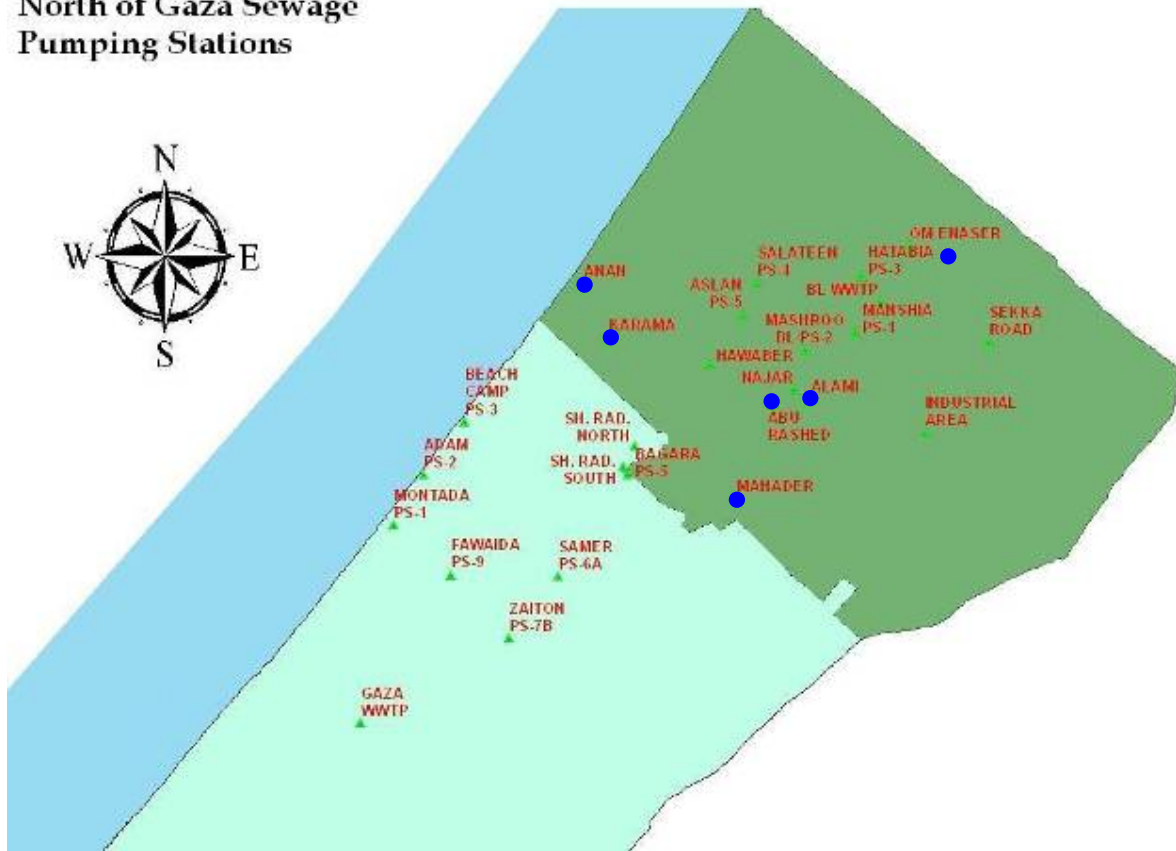
Emergency cleanup of sewage spills and repair sewage facilities

Two new teams of 20 workers started to work in northern of Gaza on 21st February 2009 in northern Gaza mainly cleaning Beit Lahia Wastewater Treatment Plant and removing debris and sewage spillage from the streets, as repairing pumping stations. This intervention is shown in details in the following table:

Team	Working dates	Executed Duties	Locations	Achieves
1- Mechanical team	From 2 nd February until 10 st March, 09	Repairing and fixing an old sewage pump, meanwhile lubricating the mechanical lifts and pumps in addition to supply and install a return gate valve at the main pond of Abu Rashed PS Welding and repairing a water pump at Al Almi PS Maintain a sewage pump and repair it at Um Khalid PS	<ul style="list-style-type: none"> AbuRashed PS TelElZa'ater PS AlAlami PS Um Khalid PS 	Improvements of pumping efficiency
2- Pumping stations cleaning team	From 2 nd February until 10 st March, 09	Clean Inlets, Catch basin gutter for storm water from, garbage's, sand, stones & gravels.	<ul style="list-style-type: none"> AbuRashed PS AlAlami PS Um Khalid PS Al Nazla crossing point zbit Abed Rabo 	Improvement in the storm water and sewage draining.
3- Cleaning sewage network team	From 2 nd February until 10 st March, 09	Repairing & cleaning Manholes and sewage and drainage network damages	<ul style="list-style-type: none"> Jabalia Al Balad Anan SN Ezbit Abed Rabo Street No 16 at Jabalia Near Jabalia Club 	Reduction in the frequency of sewage network flooding and clogging
4- Treatment plant team	From 2 nd February until 10 st March, 09	Cleaning and removing debris and sludge from Beit Lahia wastewater treatment plant	<ul style="list-style-type: none"> Umm Alnasser Village at Beit Lahia. 	Improvement of wastewater treatment

The targeted pumping stations are highlighted by blue solid circles on the following map:

North of Gaza Sewage Pumping Stations



5 Supply of spare parts to the CMWU

No changes.

6 Distribution of UNICEF Family Hygiene and Water kits

ACF finished this activity the last 3rd of February 2009.

ANNEX 1: SELECTED PICTURES



Operation of the repaired wastewater lagoon at Gaza wastewater treatment plant– (09/03/09)



Cleaning and repairing of Al Alami sewage pumping station – Jabalia (10/03/09)



Emergency cleanup and repairing of Pumps in Abu Rashed sewage pumping station in Jabalia (07/03/09)



Sewage network repair and cleanup at Anan area in Jabalia (10/03/09)



Water trucking distribution in Ezbit Abed Rabo area – North of Gaza (05/03/09)



The Lab taking water samples from household roof tank in Ezbit Abu Rabo area - Jabalia (28/02/09)