



**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: January 31, 2009

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Annex 1: Selected pictures

## 1 Programme overview

**General objective:** To ensure access to safe water to avert associated public health risks in Gaza City and neighbourhood areas.

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

ACF, jointly with the CMWU, identified 12 areas, shown in the table below, currently without running water and where the population have to pay over NIS 50 per cubic meter for their water needs.

Area	Location
Ali Bin Abi Talib, Dahdooh, AISamoni, AISahayinah, AIMojamma'a Islamic	Az Zaitoun – South of Gaza City
South el Remal, Shifa	Center of Gaza City
Bisiso, AISHa'af, El Qoba, El Mansoura, El Tawfiek Street	Ash Shuja'iyyeh - East of Gaza City
Ezbet Abed Raboh, AIQerm, AIQuds St.	Jabalia El Balad - Gaza North
AIKholaffa'a Mosque	Jabalia Camp – Gaza North
AI Salateen	Beit Lahia – Gaza North
Allsra'a St.	AI Attatra - Beit Lahia
AISha'arawe	An Naser - North of Gaza City
AIMughrabi	As Sabra - Center of Gaza City



ACF will supply 7,000 families (48,000 people) with water for 5 days, based on 25 litres per person per day, over an 8 weeks period.

The implementation of the project aims at achieving the following goals:

- Eliminating potential sources of water-borne diseases
- Preventing the reallocation of financial resources to acquire water

## 2 Water distribution implementation

ACF began supplying water to the population on the **12<sup>th</sup> of January 2009**.

The total amount of water distributed up to the 31<sup>st</sup> of January is **1,439.25 cubic meters** to private houses & **781.5 cubic meters** to UNWRA shelter locations in Gaza City, Beach and Jabalia Camps (**327** water trucks deliveries in total).

The total number of beneficiaries in private houses so far is **19,591 people** (over 2,882 families) as shown in the following table:

No.	Company Name Capacity of Tank	Notes	Titles of Data	Day/ Quantity / Location																				
				12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	AbuMohammed Jendyia 7.5 m3	Full Day	Cub m3	21	27	20	24.2	25	27	21	25.5	23	32.1	22.7	23.8	22.5	24.5	23.5	22	26	24.5		35.5	
			No. of Trip	3	4	3	4	4	4	3	3	3	4	3	3	3	3	3	3	4	3		5	
			Place	H	H	H	H	S	S	S	H	S	H	H	H	H	H	H	H	H	H	H		H
2	AbuJihad Jendyia 9m3	Full Day	Cub m3	0	21	30.7	NA	24	0	0	0	0	25	17.2	0	0	0	0	0	0				
			No. of Trip		3	4	NA	3					3	2										
			Place		H	H	H	H					H-S	H										
3	AlShahed Co. AbuElabed 5 m3	Full Day	Cub m3	0	0	0	0	0	40	30	50	49	65.5	46.5	41.5	33.5	40.5	32.3	35	38	34.25		35.75	
			No. of Trip						8	6	10	10	13	10	9	7	9	7	8	9	7		7	
			Place						S	S	S	S	H-S	S	H-S	H-S	H-S	H	H	H	H		H	
4	AlFaiyomi Co. 10 m3	Full Day	Cub m3	0	0	0	0	0	29	0	0	20	30	0	30	20	29.5	6.5	35	35.5		34.5		
			No. of Trip						3				2	3		3	2	3	1	4	4		4	
			Place						H				H	H		H	H	H	H	H	H		H	
5	Emad Dughmsh Co. 10 m3	Full Day	Cub m3	21	0	0	0	0	0	0	30	22	30.5	28	24.7	28.2	10	44.5	49	29.95	39		40.5	
			No. of Trip	2					3	3	3	3	3	3	3	1	5	5	3	4			4	
			Place	H					S	H	H	H	H	H	H	H	H	H	H	H	H		H	
6	AlManar Co. 3.5 m3	Work Half Day	Cub m3	0	0	0	0	0	16.5	0	0	0	0	0	0	0	0	0	0	0				
		Just one Day	No. of Trip						5															
		Place						S																
7	Shomer Co. 5 m3	Work Half Day	Cub m3	0	0	0	10	19.5	15	15	15	18	0	0	0	0	0	0	0	0				
		Last Day on 20th	No. of Trip				2	4	3	3	3	4												
		Place				S	S	S	S	S	S													
8	AlNaile Co. 9m3	Full Day	Cub m3	0	0	0	39.5	31.5	41.5	35.5	38	18	16.2	17	0	0	0	0	0	0				
		From 20th Half Day	No. of Trip				5	4	5	4	4	2	2	2										
		Place				S	S	S	S	S	S	S	S											
9	Yassen Co. 7m3	Full Day	Cub m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		28		
		From 31st	No. of Trip																				4	
		Place																					H	

H : Houses  
S : Shelters  
H-S

Cub m3	42	48	50.7	73.7	100	140	130.5	158.5	130	189.3	161.4	90	114.2	95	129.8	112.5	128.95	133.25	0	174.25	2202.05
No. of Trip	5	7	7	11	15	25	19	23	22	27	23	15	16	15	18	17	20	18	0	24	327



Location	Number of beneficiaries
1. Az Zaitoun (Gaza City)	3,228
2. Southern Remal (Gaza City)	395
3. Ash Shuja'iyyeh (Gaza City)	4,139
4. An Naser & Ash Sheikh Radwan (Gaza City)	280
5. Jabalia El Balad (Jabalia)	6,482
6. Jabalia Camp	482
7. As Sabra (Gaza City)	1,486
8. Ad Darraj (Gaza City)	108
9. At Tuffah (Gaza City)	1,014
10. Tal El Hawa (Gaza City)	366
11. Ash Shati' Camp	86
12. Al Atatra (Beit Lahiya)	1,179
13. Al Salateen (Beit Lahiya)	146
<b>TOTAL</b>	<b>19,591 people</b>

### 3 Supply of diesel fuel (50,000 litres) to the CMWU

ACF began supplying diesel fuel on the **18<sup>th</sup> of January 2009**. The total and planned amount of diesel fuel distributed is **50,000 litres**. This diesel is used to operate the following pumping stations and water wells of Gaza City, neighbourhood areas and Gaza North in order to re-establish access to safe water.

#### Diesel delivery plan: Sunday 18<sup>th</sup> January 2009

No.	Well	Well code	Location	Quantity
1-	Shikh Rodwan A + A1	R-162-L-A	Allbabedi Street	3,000 litres
2-	Shikh Rodwan 7	R-162-H	Alyarmouk Street near Alyarmouk Mosque	1,500 litres
3-	Shikh Rodwan 9	E-157	End Alyarmouk Street near Jabalia AlNazla	2,160 litres
4-	Shikh Rodwan 10	D-68	AlSaftawee front of AlSaftawee Towers	2,000 litres
5-	Shikh Rodwan 11	D-69	End of AlSaftawee Crossing	1,180 litres
6-	Shijaea 3	R-74	AlSha'af at middle AlNakheel Street	2,000 litres

No.	Pump station	Location	Quantity
1-	Station No. 5	Al Shikh Rodwan pond	3,000 litres
2-	Station No. B 7	North of Asqoolah	3,160 litres

#### Diesel delivery plan: Sunday 19<sup>th</sup> January 2009

No.	Well	Well code	Location	Quantity
1-	Shikh Rodwan 4	R-162-C-A	Shikh Rodwan	1,850 litres
2-	Shikh Rodwan 8	E-154	Shikh Rodwan	1,030 litres
3-	Shikh Rodwan 12	D-70	Shikh Rodwan	1,200 litres
4-	Shikh Rodwan 15	D-71	Shikh Rodwan	1,870 litres
5-	Al-Safa 1	R-25-B	Salah Al-Din Road	2,000 litres
6-	Al-Safa 2	R-25-A	Salah Al-Din Road	2,000 litres
7-	Al-Safa 3	R-25-C	Salah Al-Din Road	2,000 litres
8-	Al-Safa 4	R-25-D	Salah Al-Din Road	960 litres

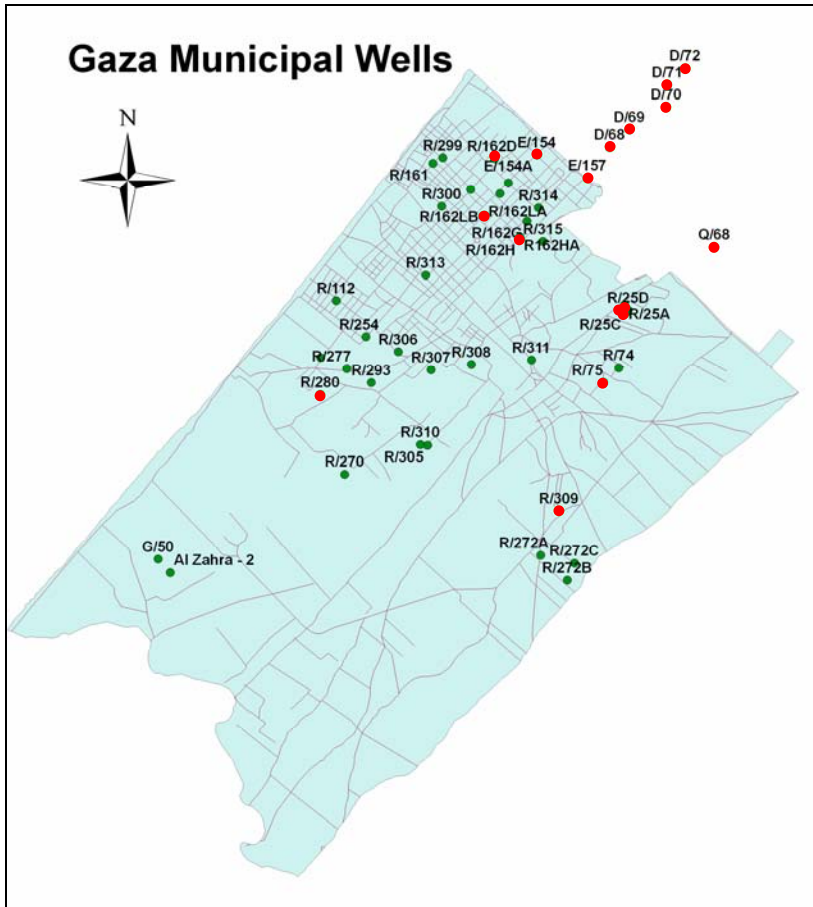
No.	Pump station	Location	Quantity
1-	Station No. 6	Al- Samer (Omar ElMukhtar Street )	4,987 litres

#### Diesel delivery plan: Sunday 21<sup>st</sup> January 2009

No.	Well	Well code	Location	Quantity
1-	Shikh Rodwan 2	R-162-E-A	Shikh Rodwan	180 litres
2-	Shikh Rodwan 3	R-162-B-A	Shikh Rodwan	1,000 litres
3-	Shikh Rodwan 5	R-162-D	Shikh Rodwan	395 litres
4-	Shikh Rodwan 13	R-162-G	Shikh Rodwan	2,000 litres
5-	Shikh Ejleen 6	R-280	See Road (Gozaat)	5,008 litres

6-	Shijaea 2	R-75	Salah Al-Din Road	1,820 litres
7-	Shijaea 5	R-309	Al-Montar	1,000 litres
8-	Al-Safa 5	Q-68	Salah Al-Din Road	2,700 litres

The wells supplied with diesel are highlighted by red solid circles on the following map:



#### 4 Emergency banks repair and reinforcement & sewage spills clean up activities

Banks repair and reinforcement works at Gaza City Wastewater Treatment Plant anaerobic lagoon (n.3) started on **26<sup>th</sup> of January 2009**. Works are due to be completed in approx 2 weeks.

While since the end of January four cleaning teams were hired and started work in northern Gaza and Gaza City to assist the CMWU staff in cleaning the sewage spills and water damages in addition to removing debris creating obstacles for the maintenance works.

Two teams of 20 workers started work in northern Gaza on the **27<sup>th</sup> January 2009** cleaning Beit Lahia Wastewater Treatment Plant and removing debris and sewage spillage from the streets.

Two teams of 25 workers started to work in Gaza City on **31<sup>st</sup> January 2009** cleaning the damaged areas of Gaza City's wastewater treatment plant as well as removing sewage and debris's from the streets and assisting the CMWU technical staff in maintaining the water and wastewater networks.

## 5 Supply of spare parts to the CMWU

The below reported materials have been coordinated and agreed with the CMWU for emergency supply and it will be used in the daily operation and maintenance of sewage and water networks in addition to the replacement of spare parts in the wastewater pumping stations as shown in detail in the following table:

S/N	Item description	Use	Store place
1	Jetting Hose of diameter 1" with fiber reinforcement for pressure capacity of 160 bar	To pump water and cleaning the wastewater networks in order to remove the clogging of sewage pipelines. It can be used also to deliver water to houses	CMWU warehouse (Gaza City)
2	Transparent hose of 6 "diameter for sewage evacuation suction pumps with a spiral steel reinforcement	To evacuate wastewater and sewage from the cesspits and manholes to be cleaned	
3	Transparent hose of 4 "diameter for sewage evacuation suction pumps with spiral steel reinforcement	To evacuate wastewater and sewage from the cesspits and sewage manholes	
4	Flygt pump CP3300-181-MT/ 5.4 kW impeller	Spare part to repair and maintain the pumping stations in the Gaza Strip	
5	Flygt pump CP3300-181-HT/ 5.4 kW impeller	Spare part to repair and maintain the pumping stations in the Gaza Strip	
6	Welding Electrodes of 2.5mm for steel welding	For welding and repairing steel pipe lines	
7	Electric Mercury float valve with 15 meter cable	Used as switch sensors in the wastewater pumping stations in the Gaza Strip to control the operational hours of pumping to prevent flooding	

## 6 Distribution of UNICEF Family Hygiene and Water kits

Since **27th of January 2009**, in partnership with UNICEF and Union of Agricultural Working Committees (UAWC), ACF started to distribute UNICEF Family Hygiene kits (800) and Water kits (400) in addition to mines awareness flyers and psycho-social counseling booklets to 4,800 families affected and displaced due to the conflict and that did not receive any assistance so far.

S/N	Hygiene kits	Water kits	Location
1	200	200	Az Zaitoun – South of Gaza City
2	100	-	Al-Qerem (East of Jabalia – Gaza North)
3	350	200	Al Atatra and Al Salateen (Beit Lahiya – Gaza North)
4	60	-	Tal El Hawa and Dahdouh (South West of Gaza City)
5	50	-	Moghraga (Middle Area)
6	40	-	El Karama-Twam (North of Gaza City)

**ANNEX 1: SELECTED PICTURES**



Water distribution in Abed Rabo area – North of Gaza (14/01/09)



Water distribution in Beach camp UNRWA schools (16/01/09)



Water distribution in Biet Lahia (27/01/09)



Water distribution in Biet Lahia (27/01/09)



Supply diesel fuel in Al Sheikh Redwan well – Gaza city (19/01/09)



Generator supplied with diesel fuel for a well in Al Sheikh Redwan – Gaza city (19/01/09)



Emergency cleanup of sewage in Beit Lahia wastewater treatment plant (28/01/09)



Emergency cleanup of sewage in Beit Lahia wastewater treatment plant (28/01/09)



Situation of the sewage lagoons of Gaza City (29/01/09)



Repair and reinforcement of Gaza City sewage lagoons (29/01/09)