

PALESTINIAN HYDROLOGY GROUP

Water & Environmental Resources Development



مجموعة الهيدرولوجيين الفلسطينيين

لتطوير مصادر المياه والبيئة

Project funded by:



EUROPEAN COMMISSION
EUROPEAN COMMUNITY HUMANITARIAN OFFICE (ECHO)



OXFAM-GB

**In Coordination With:
Palestinian Water Authority (PWA)**

**Water and Sanitation, Hygiene (WaSH)
Monitoring Project:
Impact of the Current Crisis in the West Bank and Gaza Strip
Survey Report # 12
August / 2004**

For more information, please call:
Eng. Basema Bashir/ PHG
Tel. 02/6565887 or 02/6565890
E-mail: bashir@phg.org
Website: <http://www.phg.org/campaign>

Introduction

The **first section** of this report presents a summary of urgent needs in some of the Palestinian communities, including the Newsflash concerning assessment of damages in Beit Hanun / Gaza Strip, which was distributed on August 8th 2004. This information was collected during preparation of this report and therefore, included in it rather than sent separately.

The **second section** includes summary of results of the information and update for communities surveyed during the previous period. The section includes four major tables with brief comments on the data presented in these tables.

Section one: Urgent needs in Palestinian communities

1. Preliminary assessment of damages in Beit Hanun /Gaza Strip (Sunday, 8-8-2004).

Incursion of Beit Hanun (population of about 25,000 capita) started on July 28th 2004 and ended on August 5th 2004. During the last two days, incursions included also Beit Lahiya (Tal Al Za'tar) and Jabalya areas.

During the Incursion of Beit Hanun, all entrances to the area were completely closed and a strict curfew was imposed almost on all of the area, specially the southern and western parts of Beit Hanun. During this period, there was severe shortage in the water and sanitation services.

Areas which are severely affected during the incursion included:

1. Western area including Al Sekka street, Al Sultan Abdul Hameed area, and the western entrance of Beit Hanun near Salah Al Deen street.
2. Eastern area including Al Fartah, Al Nazazah, Al Masryeen street, Al Amal neighborhood, and Sharrab area.
3. Southern area which is the southern entrance of Beit Hanun in addition to the industrial area.

Damages included the followings:

1. Damages to more than 120 roof tanks (source Municipality)
2. Destruction of more than 17 agricultural wells in the area,
3. Destruction of main lines transporting water to the community
4. Destruction and land leveling of the agricultural land in the area.
5. Destruction of a small desalination unit supporting people living in the area
6. Destroyed water supply: The municipality had to make emergency filling points
7. Damaged agricultural well and pool, the wall around the pool was lightly affected but the well was destroyed and almost land leveled.

8. Destruction also included the main water and wastewater lines (4 inches).
9. Destruction of secondary and agricultural roads in the Eastern part of Beit Hanun
10. Destruction of a main wastewater line causing a large flow of wastewater in Tal Al Za'tar area, Shakh Zayed city / Beit Lahiya. Three big holes were dug in the middle of the street leading to Shakh Zayed city during the last days of the incursion.
11. Five Main lines from municipal domestic wells were damaged causing a real crisis in water distribution for the area. The municipality was forced to distribute water directly from the wells.
12. An 8 inches main wastewater line in the Al Asaliya area was damaged causing large volumes of wastewater to flow. Source: engineer Hamdy Muteer from Jabaliya municipality.

2. Highlights of the WaSH situation in the northern part of the West Bank

1. **Deir Sharaf:** Israeli bulldozers and tanks have closed the roads leading to the community with earth mounds and debris during the first week of August 2004. This caused the break down of the water pipes supplying water to the community, and has caused a leak of over 15 cubic meter of water. Maintaining the networks has been delayed since security coordination is needed before starting the work.
2. **Majdal Bani Fadil:** located in the southeast of Nablus city with a population of about 2250 capita and no water network. The main source of water for the water tankers is a filling point in the Magdolim settlement, close to Qusra community (about 5 Kms away from Majdal Bani Fadel). Cisterns are considered also a main source of water.
When the main road to the community is closed, drivers are forced to take a 30KM detour. This has happened until the first week of August. This causes an increase the price of transported water from 8 NIS to about 14 NIS per cubic meter.
3. **Furush Beit Dajan:** located in the northern part of Jericho Governorate (Central Ghor) with a population of 1100 capita. A community without a water network relying on tankers using a Mekorot Company filling point. The water bill for the filling point for the community is registered in the name of the Furush Beit Dajan's local council (which is expected to make getting a license for the water network easier). Cost of tankers water is 20 NIS per cubic meter. The local council has contacted PWA with regards to supplying water network in the community, but no action is given until now.
4. **'Azzun, Jayyus, 'Izbat at Tabib, and Sir:** total population for these communities is about 14,000 capita. Water is supplied to the community from a groundwater well in 'Azzun. Restrictions in the quantities supplied limit the network to two hours every three days. The community members buy the additional water at an average price of 15 NIS per cubic meter which is considered high relative to the price of water through network.

5. **Jalqamus, Umm at Tut, Al Mughayyir, and 'Aqqaba:** These communities have water networks. However, the limited quantity supplied to the community in addition to the state of the old pump / main water line carrying water from PWA well in Qabatya which mean losses, made coverage to be limited to 20% of the population only.

Section two: Summary of information and update for the surveyed communities during the previous period.

The WaSH MP started to update the data collected during the past two years. The new survey will update dynamic data. 57 communities of the WB and GS have been surveyed during this period using a new questionnaire which was prepared for this purpose.

The scope of the MP has widened and more specific information regarding Mekorot Company supply during year 2004 will be collected, analyzed and distributed during the coming period.

Collected data is presented in four tables included at the end of this report.

Summary of findings:

Table 1: Water Supply by Tankers for Communities Surveyed during the past two months (2004).

- a. Comparisons of prices of tankers water before and after the current Intifada are presented. Most of the communities suffered from the noticeable increase on the price of bought water, which reflects the effect of closures and curfews on water transport.
- b. Effect of checkpoints, fixed and mobile, earth mounds and curfew is estimated; in this table, 2 would mean that there is a severe effect on water transport i.e. completely blocked, 1 intermediate effect i.e. delays between 1 and 6 hours, and 0 means that there is no effect on the water transport. Earth mounds seem to have the hardest effect on almost all communities relying on tankers water.
- c. Comparison of supplied quantities now and before the Intifada is presented.
- d. Damages to water tankers during the same period are provided.
- e. Increase in supplied quantity through tankers is noticed in some communities. This may be reflecting the use of tankers water to compensate reduction of water quantity from other sources despite the difficulties in transporting these quantities, which reflects the urgent need of water for these communities especially during summer period.

Table 2: Water supply by Mekorot Company for communities surveyed during the past two months (2004).

- a. In Table 2, total water quantities supplied to the communities are collected, and more specifically, quantities supplied by Mekorot Company now and before the Intifada are collected from local councils of these communities.
- b. In this table, water supplies from all sources include all water being supplied to the community and from all sources.
- c. 36 (63 %) of the surveyed communities have been affected by a reduction in supply.
- d. 11 communities (19% of the survey) communities are not affected and still getting the quantities of water as before the current crisis

- e. 10 of the 57 (18%) communities surveyed do not rely on Mekorot as a main source of domestic water.
- f. Note: Beit Iba figures include all industrial use as well as domestic

Table 3: Effect of checkpoints, earth mounds, and curfews on access to services in the Wet Bank and Gaza Strip.

In this table, summary of effects of fixed and/or mobile checkpoints, earth mounds, and curfews on access to services including access of water tankers, access of maintenance teams, and access to Public Health Centers (PHC). Again, a value of 2 would mean a high and direct effect (completely blocked); 1 would mean an intermediate effect (delays 1 to 6 hours), and 0 would mean No direct effect. 'NA' = not applicable.

Table 4: Damages in water infrastructure during the past two months.

This table summarizes damages in water infrastructure in the surveyed communities during the past two months. It is clear from this table that roof tanks are major target for Israeli soldiers and in almost all the Palestinian Governorates. Main and secondary water lines have also been widely damaged; other damages are detailed in the table.

Table 1: Water Supply by Tankers for Communities Surveyed during the past two months (2004).

No.	Comm. ID	Comm. name	District	Date	Tanker W. price (NIS/m3)		Check Points (CP) effect on tankers (*)					W.Tankers Supply (m3/month)		Damaged tankers (No.)		
					During Intifada	Before Intifada	Fixed CP	Fixed CP name	Mobile CP	Earth mounds effect	Curfew effect	Current	Regular	Complete	Partial	
1	100800	Beit Lid	Tulkarem	01/07/2004			1		0							
2	10030	Al Jalama	Jenin	12/06/2004			NA		0	0	1					
3	10370	Arraba	Jenin	13/06/2004	9.00		1	Arraba	1	1	1	6000	6000			
4	150680	Burqa	Nablus	24/06/2004	8.00	8.00	0		0	0	0	3000	3000			
5	150910	'Azmut	Nablus	24/06/2004			2		2	2	0					
6	150955	Salim	Nablus	24/06/2004	12.00	8.00	2		2	2	0	0	3000			
7	151335	Qabalan	Nablus	24/06/2004	0.00	0.00	0		0	0	0					
8	402015	Qatanna	Jerusalem	12/07/2004	4.00	4.00	NA		0	2	1					2
9	452230	Husan	Betlehem	05/06/2004	20.00	10.00	2	Beit Jala	1	2		1000	200			
10	452235	Wadi Fukin	Betlehem	10/06/2004	10.00	10.00	2	Beit Jala	1	2		200	100			
11	452250	Umm al Qasseis	Betlehem	26/06/2004	20.00	10.00			1	2		100	50			
12	452285	Ash Shawawra	Betlehem	28/06/2004	20.00	10.00			1	2		500	200			
13	452290	Ras al Wad	Betlehem	30/06/2004	20.00	10.00			1	2		200	50			
14	452385	Beit Falouh	Betlehem	05/05/2004	15.00	10.00			1	1		100	50			
15	452395	Khallet al Qaranin	Betlehem	05/05/2004	15.00	10.00			1	1		50	0			
16	452410	Al 'Iqab	Betlehem	08/05/2004	20.00	10.00						150	50			
17	452470	Marah Ma'alla	Betlehem	10/05/2004	15.00	10.00						100	50			
18	502450	Surif	Hebron	12/05/2004	20.00	10.00	1	Beit Ummer	1	2		2000	1000			
19	502545	Jala	Hebron	12/05/2004	20.00	10.00	2	Beit Ummer	1	2		70	150			
20	502575	Umm al Butm	Hebron	15/05/2004	20.00	10.00			1	2		50	80			
21	502580	Hamrush	Hebron	15/05/2004	20.00	10.00			1	2		30	60			
22	502590	'Irqan Turad	Hebron	17/05/2004	20.00	10.00			1	2		200	400			
23	502640	Tarqumiya	Hebron	20/05/2004	15.00	10.00			1	2		6000	2000			
24	502650	Qafan al Khamis	Hebron	22/05/2004	20.00	10.00			1	2		600	1000			
25	502655	Beit Kahil	Hebron	20/05/2004	20.00	10.00			1	2		1000	2000			
26	502750	Taffuh	Hebron	02/06/2004	15.00	10.00			1	2		4000	2000			
27	502815	Bani Na'im	Hebron	25/05/2004	20.00	10.00			1	2		3000	1000			

No.	Comm. ID	Comm. name	District	Date	Tanker W. price (NIS/m3)		Check Points (CP) effect on tankers (*)					W.Tankers Supply (m3/month)		Damaged tankers (No.)	
					During Intifada	Before Intifada	Fixed CP	Fixed CP name	Mobile CP	Earth mounds effect	Curfew effect	Current	Regular	Complete	Partial
28	502835	Beit 'Awwa	Hebron	30/05/2004	20.00	10.00	2	Idna Enterance C	1	2		3000	1000		
29	502885	Al Hijra	Hebron	02/06/2004	20.00	10.00			1	2		2000	500		
30	503120	Yatta	Hebron	10/07/2004	10.00	16.00	1	Bawabet Zeif & Al Fawwar	1	0	1	1000	1500		
31	503165	Al Bira	Hebron	20/06/2004	20.00	10.00			1	2		100	50		
32	503230	As Simiya	Hebron	08/06/2004	20.00	10.00				2		500	200		
33	503295	'Anab al Kabir	Hebron	20/06/2004	25.00	10.00			1	2		100	200		
34	503300	Khirbet Asafi	Hebron	10/06/2004	25.00	10.00			1	2		10	20		
35	503305	Khirbet al Maq'ura	Hebron	15/06/2004	25.00	10.00			1	2		60	100		
36	503320	As Samu'	Hebron	16/06/2004	20.00	10.00			1	2		4000	2000		
37	653065	An Nuseirat Camp	Deir Al-Balah	20/06/2004			2	Netzareem Settlement	0	0	1	0	0		
38	653210	Al Maghazi Camp	Deir Al-Balah	20/06/2004			0		0	0	1				
39	703420	Khan Yunis	Khan Yunis	20/06/2004			0		0	0	1	0	0		
40	703445	'Abasan al Kabira	Khan Yunis	20/06/2004			2		0	0	1				
41	703470	Khuza'a	Khan Yunis	20/06/2004			0	Border	0	0	1				

(*): The followings have the corresponding meanings : 0: No Effect 1: Intermediate Effect 2: High Effect

Table 2: Water supply by Mekorot Company for communities surveyed during the past two months (2004).

No.	Comm. ID	Comm. Name	District	Date	Water supply (m3/month)		
					From all sources (*)	Mekorot Supply (current)	Mekorot Supply (regular)
1	100800	Beit Lid	Tulkarem	01/07/2004	9000	8000	8000
2	100900	Kafr Jammal	Tulkarem	05/07/2004		7000	7000
3	10030	Al Jalama	Jenin	12/06/2004	7000	1000	7000
4	10340	Qabatiya	Jenin	13/06/2004	50000		
5	10370	Arraba	Jenin	13/06/2004	20000	20000	20000
6	150680	Burqa	Nablus	24/06/2004	10500		
7	150860	Beit Iba (**)	Nablus	06/07/2004	16000	26000	26000
8	150910	'Azmut	Nablus	24/06/2004	2200	2200	2200
9	150955	Salim	Nablus	24/06/2004	6000	6000	6000
10	151245	Jamma'in	Nablus	24/06/2004	10000	10000	10000
11	151335	Qabalan	Nablus	24/06/2004	8000	8000	8000
12	201035	Al Funduq	Qalqiliya	17/06/2004	2250	2500	2500
13	201065	Kafr Laqif	Qalqiliya	16/06/2004	1350	1500	1500
14	251275	Qarawat Bani Hassan	Salfit	14/06/2004	8500	8000	10000
15	251300	Marda	Salfit	05/07/2004		3000	3300
16	251305	Biddya	Salfit	14/06/2004	20000	25000	30000
17	251370	Salfit	Salfit	14/06/2004	15000	7000	7000
18	401870	Rafat	Jerusalem	14/06/2004	4000	3000	5000
19	402015	Qatanna	Jerusalem	12/07/2004	22000	22000	50000
20	402040	'Anata	Jerusalem	04/07/2004	38000	31000	39000
21	452230	Husan	Betlehem	05/06/2004	5000	3000	6000
22	452235	Wadi Fukin	Betlehem	10/06/2004	1000	800	1500
23	452250	Umm al Qasseis	Betlehem	26/06/2004	300	200	300
24	452285	Ash Shawawra	Betlehem	28/06/2004	2000	1500	3000
25	452290	Ras al Wad	Betlehem	30/06/2004	700	500	1000
26	452385	Beit Falouh	Betlehem	05/05/2004	500	300	600
27	452395	Khallet al Qaranin	Betlehem	05/05/2004	150	100	200
28	452410	Al 'Iqab	Betlehem	08/05/2004	800	500	1000
29	452470	Marah Ma'alla	Betlehem	10/05/2004	500	300	500
30	502450	Surif	Hebron	12/05/2004	12000	8000	15000
31	502545	Jala	Hebron	12/05/2004	100		
32	502575	Umm al Butm	Hebron	15/05/2004	50		
33	502580	Hamrush	Hebron	15/05/2004	30		
34	502590	'Irqan Turad	Hebron	17/05/2004	300		
35	502640	Tarqumiya	Hebron	20/05/2004	10000	3000	12000
36	502650	Qafan al Khamis	Hebron	22/05/2004	800		
37	502655	Beit Kahil	Hebron	20/05/2004	3000	1000	5000
38	502750	Taffuh	Hebron	02/06/2004	8000	3000	10000
39	502815	Bani Na'im	Hebron	25/05/2004	10000	5000	12000
40	502835	Beit 'Awwa	Hebron	30/05/2004	5000	1000	7000
41	502885	Al Hijra	Hebron	02/06/2004	400	1000	4000
42	503120	Yatta	Hebron	10/07/2004	57500	50000	60000
43	503165	Al Bira	Hebron	20/06/2004	200	100	300
44	503230	As Simiya	Hebron	08/06/2004	1200	500	2000
45	503295	'Anab al Kabir	Hebron	20/06/2004	150		

No.	Comm. ID	Comm. Name	District	Date	Water supply (m3/month)		
					From all sources (*)	Mekorot Supply (current)	Mekorot Supply (regular)
46	503300	Khirbet Asafi	Hebron	10/06/2004	15		
47	503305	Khirbet al Maq'ura	Hebron	15/06/2004	60		
48	503320	As Samu'	Hebron	16/06/2004	10000	4000	12000
49	653065	An Nuseirat Camp	Deir Al-Balah	20/06/2004	132028	58246	89700
50	653140	Al Bureij Camp	Deir Al-Balah	20/06/2004	6660	10640	55367
51	653180	Az Zawayda	Deir Al-Balah	20/06/2004	33893	9790	33793
52	653210	Al Maghazi Camp	Deir Al-Balah	20/06/2004	76819	17554	37000
53	653240	Deir al Balah	Deir Al-Balah	26/06/2004	207153	1632	21846
54	703420	Khan Yunis	Khan Yunis	20/06/2004	484335	0	20948
55	703430	'Abasan al Jadida(as Saghira)	Khan Yunis	20/06/2004	17464	8254	11248
56	703445	'Abasan al Kabira	Khan Yunis	20/06/2004	61020	33017	41230
57	703470	Khuza'a	Khan Yunis	20/06/2004	28103	12382	26895

(*): for domestic uses only (**): There is an industrial zone in the village so water consumption is high

Table 3: Effect of checkpoints, earth mounds, and curfews on access to services in the Wet Bank and Gaza Strip.

No.	Comm. ID	Comm. Name	District	Date	Fixed check point effect on						Mobile check point effect on			Earth mounds effect on			Curfew effect on		
					Tankers	Ch. Point name	Maintenance teams	Ch. Point name	PHC access	Name	Tankers	Maintenance teams	PHC access	Tankers	Maintenance teams	PHC access	Tankers	Maintenance teams	PHC access
1	100800	Beit Lid	Tulkarem	01/07/2004	1		1		1		0	1	2		1	2		1	2
2	100900	Kafr Jammal	Tulkarem	05/07/2004	NA		0		1		NA	0	1	NA	0	0	NA	0	0
3	10030	Al Jalama	Jenin	12/06/2004	NA		1	Muqaibleh & Jalameh	1	Muqaibleh & Jalameh	0	0	0	0	1	0	1	1	0
4	10340	Qabatiya	Jenin	13/06/2004	NA		NA		NA		0	0	1	0	0	1	0	1	1
5	10370	Arraba	Jenin	13/06/2004	1	Araba	NA		NA		1	1	1	1	1	1	1	1	1
6	150680	Burqa	Nablus	24/06/2004	0		0		1		0	0	2	0	0	2	0	0	0
7	150860	Beit Iba	Nablus	06/07/2004			1	Beit Iba			NA	1	0	NA	1	0	NA	1	1
8	150910	'Azmut	Nablus	24/06/2004	2		1		2		2	1	2	2	2	1	0	0	0
9	150955	Salim	Nablus	24/06/2004	2		1		2		2	1	2	2	1	2	0	0	0
10	201035	Al Funduq	Qalqiliya	17/06/2004	0	Beit Ieba	2		1		0	1	1	0	0	0	0	1	1
11	201065	Kafr Laqif	Qalqiliya	16/06/2004	0		1		1		0	1	1	0	1	1	0	1	1
12	251275	Qarawat Bani Hassan	Salfit	14/06/2004					2		NA	0	0	NA	0	2	NA	1	2
13	251300	Marda	Salfit	05/07/2004	NA		1	Za'tara	1	Za'tara	NA	1	2	NA	1	2	NA	1	2
14	251305	Biddya	Salfit	14/06/2004					2		NA	0	0	NA	0	2	NA	1	2
15	251370	Salfit	Salfit	14/06/2004	NA		2	Yasuf	2	Yasuf	0	2	2	0	2	2	0	2	2
16	401870	Rafat	Jerusalem	14/06/2004	0		0		2		0	0	0	0	0	2	0	1	2
17	402015	Qatanna	Jerusalem	12/07/2004	NA		NA		NA		0	0	0	2	2	2	1	1	1
18	402040	'Anata	Jerusalem	04/07/2004	NA		NA		NA		NA	1	0	NA	0	0	NA	1	1
19	452230	Husan	Betlehem	05/06/2004	2	Beit Jala	1	Beit Jala	2	Beit Jala	1	1	1	2	2	2			
20	452235	Wadi Fukin	Betlehem	10/06/2004	2	Beit Jala	1	Beit Jala	2	Beit Jala	1	1	1	2	2	2			

No.	Comm. ID	Comm. Name	District	Date	Fixed check point effect on						Mobile check point effect on			Earth mounds effect on			Curfew effect on		
					Tankers	Ch. Point name	Maintenance teams	Ch. Point name	PHC access	Name	Tankers	Maintenance teams	PHC access	Tankers	Maintenance teams	PHC access	Tankers	Maintenance teams	PHC access
21	452250	Umm al Qasseis	Betlehem	26/06/2004							1	1	1	2	1	1			
22	452285	Ash Shawawra	Betlehem	28/06/2004							1	1	1	2	2	2			
23	452290	Ras al Wad	Betlehem	30/06/2004							1	1	1	2	2	2			
24	452385	Beit Falouh	Betlehem	05/05/2004							1	1	1	1	1	1			
25	452395	Khallet al Qaranin	Betlehem	05/05/2004							1	1	1	1	1	1			
26	502450	Surif	Hebron	12/05/2004	1	Beit Ummer	0		1	Beit Ummer	1	1	1	2	0	2			
27	502545	Jala	Hebron	12/05/2004	2	Beit Ummer			2	Beit Ummer	1		1	2		2			
28	502575	Umm al Butm	Hebron	15/05/2004							1	NA	1	2	NA	2			
29	502580	Hamrush	Hebron	15/05/2004							1		1	2		2			
30	502590	'Irqan Turad	Hebron	17/05/2004							1		1	2		2			
31	502640	Tarqumiya	Hebron	20/05/2004							1	1	1	2	0	2			
32	502650	Qafan al Khamis	Hebron	22/05/2004							1		1	2		2			
33	502655	Beit Kahil	Hebron	20/05/2004							1	1	1	2	2	2			
34	502750	Taffuh	Hebron	02/06/2004							1	1	1	2	1	2			
35	502815	Bani Na'im	Hebron	25/05/2004							1	1	1	2	2	2			
36	502835	Beit 'Awwa	Hebron	30/05/2004	2	Idna Enterance	1	Idna Enterance			1	1	1	2	2	2			
37	502885	Al Hijra	Hebron	02/06/2004							1	1	1	2	2	2			
38	503120	Yatta	Hebron	10/07/2004	1	Bawabet Zeif and Al Fawwar	1	Bawabet Zeif	0		1	1	0	0	0	0	1	1	1
39	503165	Al Bira	Hebron	20/06/2004							1	1	1	2	2	2			
40	503230	As Simiya	Hebron	08/06/2004										2	1	2			
41	503295	'Anab al Kabir	Hebron	20/06/2004							1		1	2		2			
42	503300	Khirbet Asafi	Hebron	10/06/2004							1		1	2		2			

No.	Comm. ID	Comm. Name	District	Date	Fixed check point effect on						Mobile check point effect on			Earth mounds effect on			Curfew effect on		
					Tankers	Ch. Point name	Maintenance teams	Ch. Point name	PHC access	Name	Tankers	Maintenance teams	PHC access	Tankers	Maintenance teams	PHC access	Tankers	Maintenance teams	PHC access
43	503305	Khirbet al Maq'ura	Hebron	15/06/2004							1		1	2		2			
44	503320	As Samu'	Hebron	16/06/2004							1	1	1	2	1	2			
45	653065	An Nuseirat Camp	Deir Al-Balah	20/06/2004	2	Netzareem Setteltment	2	Netzareem Setteltment	1	Netzareem Setteltment	0	0	0	0	0	0	1	1	1
46	653140	Al Bureij Camp	Deir Al-Balah	20/06/2004	0		1	(well near boarders)	1	Nitzareem , Abu Holi Check point	NA	1	1	NA	1	1	NA	1	1
47	653180	Az Zawayda	Deir Al-Balah	20/06/2004	NA		0		1	Netzareem Setteltment	0	0	0	0	0	0	0	NA	1
48	653210	Al Maghazi Camp	Deir Al-Balah	20/06/2004	0		2	Netzareem Setteltment and Well near borders	1	Netzareem Setteltment	0	0	0	0	0	0	1	1	1
49	653240	Deir al Balah	Deir Al-Balah	26/06/2004	0		2	Kfar Daroum Settlement	1	Kfar Daroum se & Netzreem Settlements	0	2	2	0	2	2	0	2	1
50	703420	Khan Yunis	Khan Yunis	20/06/2004	0		2	Gosh Gatef Setteltments	2	Gosh Gatef Setteltments (Mwasi Area), Abu Holi	0	0	1	0	1	1	1	1	1
51	703430	'Abasan al Jadida(as Saghira)	Khan Yunis	20/06/2004	NA		2	Wells near Gosh Gateef	1	Wells near Gosh Gateef	0	0	0	0	0	0	0	1	1
52	703445	'Abasan al Kabira	Khan Yunis	20/06/2004	2		2	Wells near Gosh	1	Wells near Gosh	0	0	0	0	0	0	1	1	1

No.	Comm. ID	Comm. Name	District	Date	Fixed check point effect on						Mobile check point effect on			Earth mounds effect on			Curfew effect on		
					Tankers	Ch. Point name	Maintenance teams	Ch. Point name	PHC access	Name	Tankers	Maintenance teams	PHC access	Tankers	Maintenance teams	PHC access	Tankers	Maintenance teams	PHC access
								Gateef		Gateef									
53	703470	Khuza'a	Khan Yunis	20/06/2004	0	Border	NA	Border	1	Border	0	0	0	0	0	0	1	1	1

(*): The followings have the corresponding meanings : 0: No Effect 1: Intermediate Effect 2: High Effect

Table 4: Damages in water infrastructure during the past two months.

No.	Comm. ID	Comm. Name	District	Date	Wells		Springs		Tankers		Roof Tanks	Cisterns	Reservoirs		Water Network Destruction		
					Comp.	Part.	Comp.	Part.	Comp.	Part.			Comp.	Part.	Main lines	Secondary lines	% of Affected population
1	10030	Al Jalama	Jenin	12/06/2004											Yes		10
2	10340	Qabatiya	Jenin	13/06/2004							50					Yes	10
3	10370	Arraba	Jenin	13/06/2004							30				Yes	Yes	25
4	150680	Burqa	Nablus	24/06/2004							20						
5	150860	Beit Iba	Nablus	06/07/2004							40					Yes	50
6	150910	'Azmut	Nablus	24/06/2004							40				Yes		100 ¹
7	150955	Salim	Nablus	24/06/2004							30				Yes		100
8	251370	Salfit	Salfit	14/06/2004			2				30		1	1	Yes	Yes	60
9	402015	Qatanna	Jerusalem	12/07/2004			2	1		2						Yes	20
10	452230	Husan	Betlehem	05/06/2004							20						
11	502450	Surif	Hebron	12/05/2004							20						
12	502640	Tarqumiya	Hebron	20/05/2004							10						
13	503120	Yatta	Hebron	10/07/2004							51	50			Yes	Yes	100
14	653065	An Nuseirat Camp	Deir Al-Balah	20/06/2004		1											
15	653140	Al Bureij Camp	Deir Al-Balah	20/06/2004	3	1											
16	653210	Al Maghazi Camp	Deir Al-Balah	20/06/2004							50						
17	653240	Deir al Balah	Deir Al-Balah	26/06/2004		1					100					Yes	20
18	703420	Khan Yunis	Khan Yunis	20/06/2004	1	1										Yes	