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Monitoring Project:
Impact of the Current Crisis in the West Bank and Gaza Strip
Survey Report # 21
1 – 15 January / 2005**

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Introduction

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

Summary of information and update for the surveyed communities during 1 – 15 January 2005.

The WaSH MP has been updating the data collected during the past two years. The new survey focuses upon rapidly or significantly changed or changing data and collects and analyzes Mekorot Company supply during year 2003 and 2004

23 communities of the WB have been surveyed during the past two weeks. A new questionnaire has been prepared to illustrate significant changes and elements of interest to key stakeholders.

Collected data is presented in the following tables at the end of this section.

General comments:

Table 1: Water Supply by Tankers for Communities Surveyed during 1-15 January / 2005.

Comparisons of prices of tankers water before and during the current Intifada are presented. Most of the communities suffered from the noticeable increase in the price of water, reflecting the effect of closures and curfews on water transport.

Effect of checkpoints, fixed and mobile, earth mounds and curfew is estimated in this table, 2 indicates a “severe” effect on water transport and the location is completely blocked, 1 indicates an “intermediate” effect i.e. delays between 1 and 6 hours, and 0 indicates no effect on the water transport.

A comparison of supplied quantities now and before the Intifada is also presented.

- It is noticed that price of tankers water in Hebron Governorate are higher than other Governorates, specially in Khirbet Tawil ash Shih in Hebron, where the price of tankers water is the highest between the 23 surveyed communities (20 NIS / m³). It is also noted that Kafa in Tulkarem has the cheapest price of tankers water (2 NIS / m³); this community gets the water from agricultural wells through the agricultural network and they fill in their cisterns throughout the year.
- The effects of fixed and mobile checkpoints, earth mounds and curfews on water transport are presented in the table, with the numbers indicating the extent of closures as above.

- Supplies of tanker water before and during Intifada are also presented in the same table. Communities that do not have defined quantities in the table do not rely on tankers as a source of water supply for the community.
- It is noticed that many communities in Hebron Governorate reduced the amount of water they get through tankers, since the rainfall quantity seems to be good this season and the collected amount of water in the cisterns is supplying a considerable amount of water for these communities. Most of these communities are very small communities in the Hebron Governorate.

Table 2: Water supply by Mekorot Company for communities surveyed during 1-15 January / 2005.

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. In this table, “water supplies from all sources” include all water supplied from all sources in that community including supply from Mekorot Company. Only two communities out of the 23 surveyed, get all or a considerable part of their supplied quantities from Mekorot Company as a main source of domestic water.

Supplies are reduced in these two communities that get water from Mekorot Company (Al Baqqar and Iskeik in Hebron Governorate).

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) are presented. Ten of the surveyed communities are affected by more than one of these effects, but those affected with fixed check points are those which are suffering the most (Saffarin / Tulkarem Governorate, ‘Ein Shibly and Beit Dajan / Nablus Governorate, ‘Izbet Salman / Qalqiliya Governorate, and Humsa / Hebron Governorate). These communities are also affected by mobile checkpoints, earth mounds, and curfews.

Table 4: Water supply for the surveyed communities and its major problems.

During the past two weeks, damages of two cisterns were recorded in 'Akkaba / Tulkarem and partially damage of two wells in Beit Dajan / Nablus was also recorded.

Table 4 summarizes major problems in selected surveyed communities.

Table 1: Water Supply by Tankers for Communities Surveyed during 1-15 January / 2005.

No.	Comm. ID	Community Name	District	Date	Tanker W. price (NIS / m ³)		Check Points (CP) effect on tankers					W.Tankers Supply (m3/month)		
					During Intifada	Before Intifada	Fixed CP	Fixed CP name	Mobile CP	Earth mounds effect	Curfew effect	Current	Regular	
1	10520	Meithalun	Jenin	04/01/2005	7.5	12.0							10000	10000
2	100250	'Akkaba	Tulkarem	31/12/2004	12.0				1			1	700	700
3	100440	Seida	Tulkarem	31/12/2004	10.0	8.0							3000	3000
4	100545	Al Jarushiya	Tulkarem	31/12/2004	14.0	12.0			1			1	2000	2000
5	100710	Kafa	Tulkarem	31/12/2004	2.0	2.0			1			1		
6	100795	Saffarin	Tulkarem	31/12/2004	12.0	8.0			1	2		1	2000	2000
7	150885	'Ein Shibli	Nablus	31/12/2004										
8	151000	Beit Dajan	Nablus	31/12/2004	9.0	9.0			1	2			6500	6500
9	201210	'Izbat Salman	Qalqiliya	31/12/2004	7.0								1000	
10	301490	Turmus'ayya	Ramallah	26/12/2004	9.0							1	200	
11	301545	Khirbet Abu Falah	Ramallah	23/12/2004									150	
12	502575	Umm al Butm	Hebron	29/12/2004	17.0	10.0							20	50
13	502580	Hamrush	Hebron	02/01/2005	18.0	10.0							10	20
14	502605	Al Baqqar	Hebron	05/01/2005										
15	502610	Shamaliyyat al Hawa	Hebron	03/01/2005	18.0	10.0							10	30
16	502705	Jurun al Louz	Hebron	05/01/2005	18.0	10.0							10	20
17	502725	Wadi ar Rim	Hebron	04/01/2005	17.0	10.0							20	50
18	502735	Qinan an Namir	Hebron	06/01/2005	17.0	10.0							20	50
19	502785	Humsa	Hebron	10/01/2005	15.0	10.0	1	Bir Musallam Gate		1			5	10
20	502985	Iskeik	Hebron	25/12/2004										
21	503035	Khallet 'Arabi	Hebron	26/12/2004	15.0	10.0							100	100

No.	Comm. ID	Community Name	District	Date	Tanker W. price (NIS / m ³)		Check Points (CP) effect on tankers					W.Tankers Supply (m3/month)	
					During Intifada	Before Intifada	Fixed CP	Fixed CP name	Mobile CP	Earth mounds effect	Curfew effect	Current	Regular
22	503060	Qinan an Najma	Hebron	27/12/2004	17.0	10.0						30	50
23	503325	Khirbet Tawil ash Shih	Hebron	28/12/2004	20.0	10.0						50	100

Table 2: Water supply by Mekorot Company for communities surveyed during 1 – 15 January /2005.

No	Comm. ID	Community Name	District	Date	Water supply (m3/month)		
					From all sources	Mekorot Supply (current)	Mekorot Supply (regular)
1	10520	Meithalun	Jenin	04/01/2005	15000		
2	100250	'Akkaba	Tulkarem	31/12/2004	1000		
3	100440	Seida	Tulkarem	31/12/2004	6000		
4	100545	Al Jarushiya	Tulkarem	31/12/2004	2400		
5	100710	Kafa	Tulkarem	31/12/2004	1200		
6	100795	Saffarin	Tulkarem	31/12/2004	2500		
7	150885	'Ein Shibli	Nablus	31/12/2004	2000		
8	151000	Beit Dajan	Nablus	31/12/2004	7500		
9	201210	'Izbat Salman	Qalqiliya	31/12/2004	2500		
10	301490	Turmus'ayya	Ramallah	26/12/2004	9600		
11	301545	Khirbet Abu Falah	Ramallah	23/12/2004	8800		
12	502575	Umm al Butm	Hebron	29/12/2004	80		
13	502580	Hamrush	Hebron	02/01/2005	60		
14	502605	Al Baqqar	Hebron	05/01/2005	50	40	50
15	502610	Shamaliyyat al Hawa	Hebron	03/01/2005	100		
16	502705	Jurun al Louz	Hebron	05/01/2005	70		
17	502725	Wadi ar Rim	Hebron	04/01/2005	100		
18	502735	Qinan an Namir	Hebron	06/01/2005	120		
19	502785	Humsa	Hebron	10/01/2005	20		
20	502985	Iskeik	Hebron	25/12/2004	200	130	200
21	503035	Khallet 'Arabi	Hebron	26/12/2004	200		
22	503060	Qinan an Najma	Hebron	27/12/2004	150		
23	503325	Khirbet Tawil ash Shih	Hebron	28/12/2004	200		

Table 3: Effect of checkpoints, earth mounds, and curfews on access to services in the surveyed communities (1 – 15 January 2005).

No.	Comm. ID	Community 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	Ch. Point name	Tankers	Maintenance teams	PHC access	Tankers	Maintenance teams	PHC access	Tankers	Maintenance teams	PHC access
1	100250	'Akkaba	Tulkarem	31/12/2004							1	1	1				1	1	1
2	100545	Al Jarushiya	Tulkarem	31/12/2004							1	1	1				1	1	1
3	100710	Kafa	Tulkarem	31/12/2004							1	1	1				1	1	1
4	100795	Saffarin	Tulkarem	31/12/2004			1	Tulkarem and Enav settlement Gate	1	Tulkarem and Enav settlement Gate	1	1	1	2	2	2	1	1	1
5	150885	'Ein Shibli	Nablus	31/12/2004					1	Al Hamra and Beit Iba			1			2			1
6	151000	Beit Dajan	Nablus	31/12/2004					2	Beit Furik	1	0	1	2	0	2			
7	201210	'Izbat Salman	Qalqiliya	31/12/2004			1	Qalqiliya	1	Qalqiliya		1	1		1	1		1	1
8	301490	Turmus'ayya	Ramallah	26/12/2004									1				1		1
9	301545	Khirbet Abu Falah	Ramallah	23/12/2004									1						
10	502785	Humsa	Hebron	10/01/2005	1	Bir Musallam Gate			1	Bir Musallam Gate				1		1			

Table 4: Water supply for selected surveyed communities and its major problems.

No.	Community ID	Community Name	District	Date	Supply from all sources (m ³ / month)	General Comments for the community
1	10520	Meithalun	Jenin	04/01/2005	15000	No water network is available in the community. A new groundwater well is dug in the community owned by the local council that caused reduction in the price of water. About 5000 m ³ /month are provided through cisterns which is chlorinated by tablets.
2	100250	'Akkaba	Tulkarem	31/12/2004	1000	No water network is anavailable in the community. Water is supplied through tankers with an average of 700 m ³ / month in addition to about 300 m ³ / month from cisterns. Chlorination tablets are used for cisterns.
3	100440	Seida	Tulkarem	31/12/2004	6000	No water network is available in the community. Water is supplied through tankers which bring water from agricultural wells with an average of about 3000 m ³ / month in addition to about 3000 m ³ /month from cisterns. Chlorination tablets are used for cisterns in coordination with local council and Ministry of Health (MoH).
4	100545	Al Jarushiya	Tulkarem	31/12/2004	2400	Water is supplied through tankers from ground water wells with an average 2000 m ³ / month. Chlorine tablets are used for cisterns in coordinatin with local council and Ministry of Health (MoH).
5	100710	Kafa	Tulkarem	31/12/2004	1200	Water from agricultural wells is used to fill cisterns through the agricultural water network. Cisterns are chlorinated by tablets through coordination with the Ministry of Health and the local council.
6	100795	Saffarin	Tulkarem	31/12/2004	2500	Water is supplied through tankers from a Mekorot connection in Beit Lid with an average of 2000 m ³ / month in addition to about 500 m ³ / month from cisterns. Water brought from Mekrot connection is chlorinated and water in cisterns is chlorinated by tablets in coordination with Ministry of Health (MoH) and local council.

No.	Community ID	Community Name	District	Date	Supply from all sources (m ³ / month)	General Comments for the community
7	150885	'Ein Shibli	Nablus	31/12/2004	2000	Main water source is 'Ein Shibly spring which is supplying the whole community and in general, there is no shortage in supply. Chlorination system started to work recently.
8	151000	Beit Dajan	Nablus	31/12/2004	7500	No water network is available in the community. Main source of water is from agricultural well that was constructed by Nablus Municipality. The well is used to supply water to both Beit Dajan and Beit Furik communities. Tablets are used to chlorinate cisterns.
9	201210	'Izbat Salman	Qalqiliya	31/12/2004	2500	No water network is available in the community; the agricultural network which is connected the agricultural wells is used for domestic water supply. Water tankers are also used for supply of domestic water. Cisterns are chlorinated by tablets which are brought in coordination with the local council and Ministry of Health (MoH). Israeli Forces damaged the agricultural water network that supply domestic water in addition to two agricultural reservoirs.
10	301490	Turmus'ayya	Ramallah	26/12/2004	9600	During summer 2004, the community was forced to buy for the first time water through tankers, since the supplied quantities were not enough for the community needs and where the supply of water was sometimes cutoff for four days a week. Cisterns are also used as an alternative water supply.
11	301545	Khirbet Abu Falah	Ramallah	23/12/2004	8800	During summer time 2004, the supplied quantities of water to the community were not enough and people were forced to buy water through tankers. When it started to rain, people started to rely on cisterns to compensate for the shortage in the supplied quantities. Water is supplied from Ein Samiya wells through the Jerusalem Water Undertaking (JWU).

No.	Community ID	Community Name	District	Date	Supply from all sources (m ³ / month)	General Comments for the community
12	502575	Umm al Butm	Hebron	29/12/2004	80	No water network in the community. Supply through tankers is reduced to only 40% of the needs since collected rainfall was good during this season.
13	502580	Hamrush	Hebron	02/01/2005	60	No water network in the community. Water supply by tankers is reduced to 50% since collected rainfall was good this season.
14	502605	Al Baqqar	Hebron	05/01/2005	50	The community was connected with a water network early in 2004 by Halhul Municipality. Water tankers are not used in the community in the last few months.
15	502610	Shamaliyyat al Hawa	Hebron	03/01/2005	100	No water network in the community. Supply from tankers is reduced to 33% of the normal supply since collected rainfall was good this season.
16	502705	Jurun al Louz	Hebron	05/01/2005	70	No water network is available in the community. Supply through tankers is reduced by 50% since rainfall collected during this season was good.
17	502725	Wadi ar Rim	Hebron	04/01/2005	100	No water network in the community. Tankers supply is only 40% of the normal since collected rainfall is good this season.
18	502735	Qinan an Namir	Hebron	06/01/2005	120	No water network is available in the community. Supply through tankers is only 40% of the needs since collected rainfall is also used and it is good this year.
19	502785	Humsa	Hebron	10/01/2005	20	No water network is available in the community. Use of tankers water is reduced by 50% due to use of collected rainfall during this season.
20	502985	Iskeik	Hebron	25/12/2004	200	The community was linked to a water network six months ago. Tankers are not used to transport water to the community these days.
21	503035	Khallet 'Arabi	Hebron	26/12/2004	200	No water network in the community. Half of the supplied water comes from collected rainfall.

No.	Community ID	Community Name	District	Date	Supply from all sources (m ³ / month)	General Comments for the community
22	503060	Qinan an Najma	Hebron	27/12/2004	150	No water network in the community. Tankers water supply was reduced to only 60% of the needs since collected rainfall was good during this season.
23	503325	Khirbet Tawil ash Shih	Hebron	28/12/2004	200	No water network in the community. Water tankers supply is reduced by 50% since water collected from rainfall was good during this season.