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Impact of the Current Crisis in the West Bank and Gaza Strip

**Survey Report # 39**

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*For more information, please call:*

**Eng. Basema Bashir/ PHG**

**Tel. 02/2966315 or 02/2966316**

**E-mail: [bashir@phg.org](mailto:bashir@phg.org)**

**Website: <http://www.phg.org/campaign>**

## Introduction

This is the fourteenth report prepared by the WaSH Monitoring Program during this phase. The previously distributed reports included information about 609 communities in total. The current report includes information about 85 communities that were surveyed during the past four weeks (January 2007). Therefore, by the distribution of this report, we will be done with survey of 686 Palestinian communities that were planned to be surveyed during this phase of the project (total number of questionnaires filled is 694 questionnaires where 8 communities were surveyed twice during this period). Therefore, the current report will be the final report to be distributed during the current phase. A final report will be prepared and will include results and findings of analysis of all surveyed communities in the West Bank and Gaza Strip, including needs assessments and recommendations for the needed interventions in these communities.

In this report, collected data and information, as was done in the previous reports, are presented in different tables where each table reflects at least one of the major problems affecting the WaSH situation in these communities. This report includes summary of the information for communities surveyed during the past four weeks; the total number of these communities is 85 Palestinian communities. The tables include summary of the collected data and major findings and comments on these tables are also provided.

## **I. Survey results**

### **Table 1: Surveyed Communities**

This table includes communities that were surveyed during the past four weeks. Basic data of these communities is also presented in this table including the date of survey.

### **Table 2: Major WaSH situation indicators in the surveyed communities.**

Data presented in this table was recently added to the used questionnaires. It includes major important indicators that reflect difficulties and major problems affecting these communities.

These indicators are as follows:

1. **Households with year-round access to improved water source (%)** and **Households with year-round access to unimproved water source (%)**: Where **Improved water source** means Household connection, Public standpipe, Borehole, Protected dug well, protected spring, and **unimproved water sources** include: Unprotected well, unprotected spring, Vendor-provided water (Tanker truck water).
2. **Water supplied per capita per day (liter)**: estimated quantity of water supplied per each person per day.
3. **Wastewater Network Coverage (%)**: percentage of households connected to wastewater network.
4. **Connection to Cesspits or Septic Tank (%)**: percentage of households connected to cesspits or septic tanks.
5. **Availability of Solid waste Collection System (%)**: percentage of coverage of the wastewater collection system.
6. **Population Suffer from Water Born Diseases (%)**: percentage of population affected by water related diseases.
7. **Water Supply Facilities Operated and Maintained by community (%)**: percentage of the water supply facilities operated and maintained by the local council in the community.
8. **Cost Recovery for Water Supply Services (%)**: percentage of financial coverage of the water supply services provided by the local council; this is reflected in collection of cost of water supply through payment of water bills by the households.
9. **Unaccounted for Water within Water Supply System (%)**: percentage of quantity of water lost before reaching the consumer.
10. **Monthly Household Income Spent on Water Supply (%)**: estimated percentage from the household income spent on water supply.

11. **Monthly Household Income Spent on Sanitation (%)**: estimated percentage from the household income spent on sanitation services, including cost of wastewater vacuum tankers.
12. **Major Community Problems and Needs**: summarizes major current problems and needs of the community according to the local council.

**Table 3: Relative change in tankers water price**

This table presents the estimated price of one cubic meter transported through tankers in New Israeli Shekels (NIS), which is about US\$ 0.22. Price paid per cubic meter now (i.e. during the current crisis) and price paid before the current Intifada are presented.

**Table 4: Effects of fixed checkpoints on communities**

In this table, name as well as weight of effect (where 2 is for high effect, i.e. complete block of the road; 1 is for intermediate effect, i.e. delays for several hours) of the fixed checkpoints are presented. Effects on tankers water supply, on maintenance team access, and on Public Health Centers (PHC) access are evaluated and presented in the table.

**Table 5: Effects of mobile checkpoints, earth mounds, curfew, and the Wall on communities.**

Effects of mobile/ flying checkpoints, earth mounds, curfew, and the Wall on surveyed communities are presented, where and as was presented for the fixed checkpoints: 2 is for high effect, i.e. complete block of the road; 1 is for intermediate effect, i.e. delays for several hours.

**Table 1: Surveyed Communities**

No.	Community ID	Community Name	Governorate	Population 2006	Survey Date
1	10010	Rummana	Jenin	3645	19/12/2006
2	10075	Dahiyat Sabah al Kheir	Jenin	1575	23/12/2006
3	10090	'Arab al Hamdun	Jenin	60	21/12/2006
4	10100	Barghasha	Jenin	80	15/12/2006
5	10115	Dhaher al Malih	Jenin	235	16/12/2006
6	10125	Al 'Araqa	Jenin	2296	27/12/2006
7	10130	Khirbet ash Sheikh Sa'eed	Jenin	236	24/12/2006
8	10135	Al Jameelat	Jenin	45	22/12/2006
9	10145	Tura al Gharbiya	Jenin	1200	25/12/2006
10	10150	Tura ash Sharqiya	Jenin	196	16/12/2006
11	10155	Al Hashimiya	Jenin	1021	27/12/2006
12	10160	Umm Qabub	Jenin	100	8/12/2006
13	10175	Khirbet al Muntar al Gharbiya	Jenin	40	12/12/2006
14	10200	Khirbet Mas'ud	Jenin	70	10/12/2006
15	10205	Khirbet al Muntar ash Sharqiya	Jenin	20	9/12/2006
16	10210	Kafr Qud	Jenin	981	26/12/2006
17	10215	Deir Abu Da'if	Jenin	5722	22/12/2006
18	10235	Wad ad Dabi'	Jenin	400	16/12/2006
19	10270	'Arab as Suweitat	Jenin	543	17/12/2006
20	10275	Kufeirit	Jenin	2644	15/12/2006
21	10280	Khirbet Sab'ain	Jenin	35	17/12/2006
22	10310	Al Mughayyir	Jenin	2421	26/12/2006
23	10325	Tannin	Jenin	60	26/12/2006
24	10365	Ad Damayra	Jenin	320	19/12/2006
25	10375	Khirbet Marah ar Raha	Jenin		25/12/2006
26	10390	Khirbet Kharruba	Jenin	35	18/12/2006
27	10401	Fahma al Jadida	Jenin	378	23/12/2006
28	10445	Fahma	Jenin	2637	26/12/2006
29	10460	Az Zawiya	Jenin	759	21/12/2006
30	10540	Mantiqat al Heish	Jenin	30	19/6/2006
31	10605	Jaba'	Jenin	9409	12/12/2006
32	10615	Al Fandaqumiya	Jenin	3635	16/12/2006
33	150850	Khirbet Tall al Ghar	Nablus		10/12/2006
34	150880	'Ein Beit el Ma Camp	Nablus	5445	18/12/2006
35	150920	Nablus	Nablus	144981	25/1/2007
36	150930	'Askar Camp	Nablus	13736	11/12/2006

No.	Community ID	Community Name	Governorate	Population 2006	Survey Date
37	150940	Shihda wa Hamlan	Nablus		24/12/2006
38	150960	Balata Camp	Nablus	19075	28/12/2006
39	151010	Rujeib	Nablus	4232	25/1/2007
40	151245	Jamma'in	Nablus	6249	27/12/2006
41	151285	Za'tara	Nablus	60	4/12/2006
42	151380	As Sawiya	Nablus	2488	21/12/2006
43	151405	Al Lubban ash Sharqiya	Nablus	2702	19/12/2006
44	251300	Marda	Salfit	2391	10/12/2006
45	251305	Biddya	Salfit	9000	19/12/2006
46	251350	Dar Abu Basal	Salfit	10	5/12/2006
47	251370	Salfit	Salfit	10547	18/12/2006
48	301700	Al Jalazun Camp	Ramallah	9388	15/1/2007
49	301720	'Ein Yabrud	Ramallah	3844	21/12/2006
50	301765	Beitin	Ramallah	3299	24/12/2006
51	301770	'Ein Qiniya	Ramallah	872	19/12/2006
52	301790	Al Bira	Ramallah	42742	24/12/2006
53	301795	Khirbet Kafr Sheiyan	Ramallah		24/12/2006
54	301810	Ramallah	Ramallah	27530	19/12/2006
55	301825	Beituniya	Ramallah	14350	19/12/2006
56	301830	Al Am'ari Camp	Ramallah	6182	24/12/2006
57	301835	Qaddura Camp	Ramallah	1684	24/12/2006
58	301890	At Tira	Ramallah	1777	19/12/2006
59	351880	Deir Quruntul	Jericho		15/1/2007
60	351920	Jericho (Ariha)	Jericho	22070	15/1/2007
61	351970	Deir al Qilt	Jericho		15/1/2007
62	352021	Deir Hajla	Jericho		15/1/2007
63	352075	An Nabi Musa	Jericho		15/1/2007
64	401875	Kafr 'Aqab	Jerusalem	11254	24/12/2006
65	401910	Jaba' (Tajammu' Badawi)	Jerusalem		15/1/2007
66	401915	Qalandiya	Jerusalem	1247	15/1/2007
67	401935	Jaba'	Jerusalem	3501	15/1/2007
68	401945	Ar Ram & Dahiyat al Bareed	Jerusalem	27668	15/1/2007
69	401985	Kharayib Umm al Lahim	Jerusalem	403	24/12/2006
70	402000	An Nabi Samwil	Jerusalem	236	21/12/2006
71	402040	'Anata	Jerusalem	10401	24/12/2006
72	402045	Al Ka'abina (Tajammu' Badawi)	Jerusalem	1055	24/12/2006
73	402065	Az Za'ayyem	Jerusalem	2658	21/12/2006
74	402125	'Arab al Jahalin	Jerusalem	1303	20/12/2006
75	452415	Khallet Sakariya	Betlehem	105	15/1/2007
76	452465	Khallet 'Afana	Betlehem	5	15/1/2007
77	452715	Ar Rawa'in	Betlehem	165	15/1/2007
78	502355	Al Jab'a	Hebron	980	15/1/2007
79	502675	Khirbet al Hasaka	Hebron	234	17/1/2007

No.	Community ID	Community Name	Governorate	Population 2006	Survey Date
80	502780	Hebron (Al Khalil)	Hebron	179451	17/1/2007
81	502830	Ar Rawa'in	Hebron	252	25/1/2007
82	502855	Qalqas	Hebron	981	15/1/2007
83	502885	Al Hijra	Hebron	733	15/1/2007
84	502890	Tawas	Hebron	158	15/1/2007
85	502925	Deir al 'Asal at Tahta	Hebron	660	15/1/2007

**Table 2: Major WaSH situation indicators in the surveyed communities.**

No.	Community ID	Community Name	Governorate	Households with year-round access to improved water source %	Households with year-round access to unimproved water source %	Water used per capita per day (liter)	Wastewater Network Coverage %	Connection to Cesspits or Septic Tank %	Availability of Solid waste Collection System %	Population Suffer from Water Born Diseases %	Water Supply Facilities Operated and Maintained by Council %	Cost Recovery for Water Supply Services %	Unaccounted for Water within Water Supply System %	Monthly Household Income Spent on W Supply %	Monthly Household Income Spent on Sanitation %	Community Needs and Comments
1	10010	Rummana	Jenin	100	0	62	0	100	100	4	100	20	25	4	2	
2	10075	Dahiyat Sabah al Kheir	Jenin	100	0	70	100	0	100	3	100	20	30	3	2	Water supply is through Jenin municipality
3	10090	'Arab al Hamdun	Jenin	0	100	40	0	100	0	6				4	2	
4	10100	Barghasha	Jenin	0	100	40	0	100	0	6				4	1	
5	10115	Dhaher al Malih	Jenin	70	30	62	0	100	100	4	100	20	10	4	2	
6	10125	Al 'Araqa	Jenin	50	50	60	0	100	100	6	100	10	30	5	1	
7	10130	Khirbet ash Sheikh Sa'eed	Jenin													This community is a part of Bart'a Ash Sharqiya service area.
8	10135	Al Jameelat	Jenin	0	100	50	0	100	100	5				5	1	
9	10145	Tura al Gharbiya	Jenin	100	0	70	0	100	100	4	100	15	30	3	2	
10	10150	Tura ash Sharqiya	Jenin	90	10	55	0	100	0	5	100	30	20	4	1	
11	10155	Al Hashimiya	Jenin	40	60	55	100	0	100	3	100	20	30	3	1	

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12	10160	Umm Qabub	Jenin	0	100	6	0	100	0	7				5	1	
13	10175	Khirbet al Muntar al Gharbiya	Jenin	0	100	40	0	100	0	8				4	2	
14	10200	Khirbet Mas'ud	Jenin	0	100	40	0	100	0	7				3	1	
15	10205	Khirbet al Muntar ash Sharqiya	Jenin	0	100	45	0	100	0	6						
16	10210	Kafr Qud	Jenin	60	40	60	0	100	100	3	100	20	30	5	2	
17	10215	Deir Abu Da'if	Jenin	0	100	45	0	100	100	6				7	2	This community needs water network.
18	10235	Wad ad Dabi'	Jenin	0	100	40		100		6						
19	10270	'Arab as Suweitat	Jenin	0	100	40	0	100	0	6				6	1	This community needs water network.
20	10275	Kufeirit	Jenin	80	20	65	0	100	100	3	100	10	5	3	2	
21	10280	Khirbet Sab'ein	Jenin	0	100	40	0	100	0	6				5	1	

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22	10310	Al Mughayyir	Jenin	0	100	50		100	100	6						Major needs in the community include rehabilitation of the water network, connection to a water source, and cisterns. The community has a water network connected to Qabatiya well as a water source but supply is stopped since two years
23	10325	Tannin	Jenin	100	0	60					100	100		4	1	
24	10365	Ad Damayra	Jenin	80	20	60	0	100	100	2	100	10	10	4	1	
25	10375	Khirbet Marah ar Raha	Jenin													Currently, no one is living in this community.
26	10390	Khirbet Kharruba	Jenin	0	100	45	0	100	0	6						
27	10401	Fahma al Jadida	Jenin	90	10	68		100	100	3	100	10	25	2	1	
28	10445	Fahma	Jenin	100	0	70		100	100	1	100	30	30	3	2	
29	10460	Az Zawiya	Jenin	90	10	70	0	100	100	3	100	15	35	4	2	
30	10540	Mantiqat al Heish	Jenin	0	100	40	0	100	60	5				6	1	

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310	10605	Jaba'	Jenin	90	10	60	0	100	100	4	100	25	18	5	2	Needs of the community include rehabilitation of the water network.
32	10615	Al Fandaqum iya	Jenin	60	40	70		100	100	6	100	20	30	4	2	
33	150850	Khirbet Tall al Ghar	Nablus													This is a seasonal community and the water source is a local spring.
34	150880	'Ein Beit el Ma Camp	Nablus	100	0	54	100		100	3	95	86	35	6	4	Major water source is through Nablus municipality and chlorination is done through the municipality
35	150920	Nablus	Nablus	100	0	80	85	15	100	2	100	20	18	3	2	
36	150930	'Askar Camp	Nablus	100	0	50	100		100	5	100	82	41	8	3	Major water source is through Nablus municipality and chlorination is done through the municipality.
37	150940	Shihda wa Hamlan	Nablus													It is a seasonal community in Nablus area where people depend on local springs for livestock.
38	150960	Balata Camp	Nablus	100	0	52	100		100	5	100	85	40	7	4	Major water source is through Nablus municipality and chlorination is done through the municipality

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39	151010	Rujeib	Nablus	50	50	60	0	100	100	4	100	15	10	4	2	Major needs in the community include new water network and connection to a source.
40	151245	Jamma'in	Nablus	100	0	65	0	100	100	4	100	83	35	9	6	Chlorination of supplied water is done through Mekorot Company.
41	151285	Za'tara	Nablus	100	0	60	0	100	100	2	100	100		6	5	Chlorination is done through Nablus municipality
42	151380	As Sawiya	Nablus	100	0	60	0	100	100	3	89	80	40	9	6	Chlorination of supplied water is done through Mekorot Company.
43	151405	Al Lubban ash Sharqiya	Nablus	100	0	70	0	100	100	4	100	75	38	7	5	Chlorination of supplied water is done through Mekorot Company.
44	251300	Marda	Salfit	100	0	65	0	100	100	4	100	80	35	6	4	Chlorination of supplied water is done through Mekorot Company.
45	251305	Biddya	Salfit	100	0	70	0	100	100	3	100	90	28	8	4	Chlorination of supplied water is done through Mekorot Company.
46	251350	Dar Abu Basal	Salfit	100	0	50	0									Chlorination of supplied water is done through Mekorot Company.

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47	251370	Salfit	Salfit	100	0	80	100	0	100	4	100	90	30	8	6	Major water sources are through Mekorot Company (14,000 m <sup>3</sup> /month) Al Matwi spring (8,000 m <sup>3</sup> /month) and As Sika spring (7,000 m <sup>3</sup> /month). Chlorination is done through Mekorot Company and there is a chlorination unit for springs.
48	301700	Al Jalazun Camp	Ramallah	100		40	90	10	100			20	35	8	0	Needs of the community include: <ol style="list-style-type: none"> <li>1. Support in solving the problem of the community debt.</li> <li>2. Public health center</li> <li>3. Rehabilitation of the waste water network.</li> <li>4. Solving the problem of main waste water line between the camp and the nearby Jifna community.</li> </ol> <p>The main water source is Jerusalem Water Undertaking with an supply of 9,000 m<sup>3</sup> / month.</p>

No.	Community ID	Community Name	Governorate	Households with year-round access to improved water source %	Households with year-round access to unimproved water source %	Water used per capita per day (liter)	Wastewater Network Coverage %	Connection to Cesspits or Septic Tank %	Availability of Solid waste Collection System %	Population Suffer from Water Born Diseases %	Water Supply Facilities Operated and Maintained by Council %	Cost Recovery for Water Supply Services %	Unaccounted for Water within Water Supply System %	Monthly Household Income Spent on W Supply %	Monthly Household Income Spent on Sanitation %	Community Needs and Comments
49	301720	'Ein Yabrud	Ramallah	100		80	0	100	100	0	0	80	20	7	3	Needs of the community include: 1. Solving the problem of existing animals farms within the populated areas. 2. Waste water network 3. Rehabilitation of the water network 4. Households cisterns. The major water source is through Jerusalem Water Undertaking (JWU) with an average monthly supply of 9,500 m <sup>3</sup> .
50	301765	Beitin	Ramallah	99	1	70	0	100	95	0	0	80	10	6	3	Major needs in the community include rehabilitation of local springs. The major water source is through Jerusalem Water Undertaking (JWU) with an average monthly supply of 6,560 m <sup>3</sup> .
51	301770	'Ein Qiniya	Ramallah	100	0	40	0	100	90			90	5	4	2	A new water network was recently constructed in the community and it is managed by Jerusalem Water Undertaking (JWU) with an estimated average monthly supply of 1,000 m <sup>3</sup> .

No.	Community ID	Community Name	Governorate	Households with year-round access to improved water source %	Households with year-round access to unimproved water source %	Water used per capita per day (liter)	Wastewater Network Coverage %	Connection to Cesspits or Septic Tank %	Availability of Solid waste Collection System %	Population Suffer from Water Born Diseases %	Water Supply Facilities Operated and Maintained by Council %	Cost Recovery for Water Supply Services %	Unaccounted for Water within Water Supply System %	Monthly Household Income Spent on W Supply %	Monthly Household Income Spent on Sanitation %	Community Needs and Comments
52	301790	Al Bira	Ramallah	100	0	70	80	20	100	0	0	100	15	6	3	A new location for solid waste disposal since the current one is being closed continuously by the Israeli occupation forces. There is a bad need for solving the problem of closure of the community slaughter that was closed by the Israeli forces. The major water source is through Jerusalem Water Undertaking (JWU) with an average supply of 84,095 m <sup>3</sup> /month.
53	301795	Khirbet Kafr Sheiyan	Ramallah													This locality is a part of Bituniya city and it is included in its water services.
54	301810	Ramallah	Ramallah	100	0	200	100	0	100			100	15	7	2	Major needs of the community include solid waste dumping site and waste water pumping stations. The water source is Jerusalem Water Undertaking (JWU) with an average supply of 180,000 m <sup>3</sup> / month.

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55	301825	Beituniya	Ramallah	100		200	0.5	99.5	100		100	60	25	2	1	Needs in the community include waste water network, solid waste collection vehicle and solid waste container. The major water source is Jerusalem Water Undertaking (JWU) with an average monthly supply of 120,000 m <sup>3</sup> quantities supplied to industrial work.
56	301830	Al Am'ari Camp	Ramallah													This locality is a part of Ramallah city and it is included in its water services in addition to UNRWA.
57	301835	Qaddura Camp	Ramallah													This locality is a part of Ramallah city and it is included in its water services
58	301890	At Tira	Ramallah													This locality is a part of Ramallah city and it is included in its water services
59	351880	Deir Quruntul	Jericho													Only few people are living there. It is part of Ein Ad Deuk Al Fuqa water services.
60	351920	Jericho (Ariha)	Jericho	100	0	210	0	100	100	0	100	100	25	1	1	Major water source is Ein As Sultan local spring, which is used for both domestic (42%) and Agricultural (58%) purposes. There is high percentage of losses in the water network.
61	351970	Deir al Qilt	Jericho													Very few people are living there. Access to this area is possible to get more information.

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62	352021	Deir Hajla	Jericho													Very few people are living there. Visitors are mostly tourists.
63	352075	An Nabi Musa	Jericho													It is a seasonal community occupied by Bedouins.
64	401875	Kafr 'Aqab	Jerusalem	95	5	40	90	10	100	0	0	100	15	15	10	Major needs in the community include rehabilitation and extension of the water network. The major water source is through Jerusalem Water Undertaking (JWU) with an average supply of 16,600 m <sup>3</sup> /month.
65	401910	Jaba' (Tajammu' Badawi)	Jerusalem													It is a seasonal community which is not occupied currently. It is part of Jaba' community and linked to its services.
66	401915	Qalandiya	Jerusalem	90	10	60	20	80	100		0	70	5	10	8	Major needs in the community include rehabilitation of the water network in addition to improving the pressure in the water pipes, solid waste containers, extension and completion of the waste water network. Major source is through Jerusalem Water Undertaken (JWU) with an average quantity of 1,400 m <sup>3</sup> /month.

No.	Community ID	Community Name	Governorate	Households with year-round access to improved water source %	Households with year-round access to unimproved water source %	Water used per capita per day (liter)	Wastewater Network Coverage %	Connection to Cesspits or Septic Tank %	Availability of Solid waste Collection System %	Population Suffer from Water Born Diseases %	Water Supply Facilities Operated and Maintained by Council %	Cost Recovery for Water Supply Services %	Unaccounted for Water within Water Supply System %	Monthly Household Income Spent on W Supply %	Monthly Household Income Spent on Sanitation %	Community Needs and Comments
67	401935	Jaba'	Jerusalem	96	4	50	0	100	100		0	65	15	8	3	Needs in the community include wastewater network, rehabilitation of the water network, solid waste vehicles and containers. The community suffers from a serious environmental problem caused by dust from stone cutting queries very close to the area. There is also a dumping site very close to the community with solid waste, probably industrial, coming from Israeli sources affecting the environment negatively. Major water source is through Jerusalem Water Undertaken (JWU) with an average quantity of 4,000 m <sup>3</sup> / month.
68	401945	Ar Ram & Dahiyat al Bared	Jerusalem	85	15	85	40	60	100			60	20	6	3	Major water source is through Jerusalem Water Undertaken (JWU) with an average quantity of 70,000 m <sup>3</sup> /month.

No.	Community ID	Community Name	Governorate	Households with year-round access to improved water source %	Households with year-round access to unimproved water source %	Water used per capita per day (liter)	Wastewater Network Coverage %	Connection to Cesspits or Septic Tank %	Availability of Solid waste Collection System %	Population Suffer from Water Born Diseases %	Water Supply Facilities Operated and Maintained by Council %	Cost Recovery for Water Supply Services %	Unaccounted for Water within Water Supply System %	Monthly Household Income Spent on W Supply %	Monthly Household Income Spent on Sanitation %	Community Needs and Comments
69	401985	Kharayib Umm al Lahim	Jerusalem	0	100	60	0	100	0	0				15	4	Needs in the community include water network and solid waste collection system. The major water sources in the community include water tankers (450 m <sup>3</sup> /month) and cisterns (200 m <sup>3</sup> /month). Recently, the community was being connected to a water line Beit 'Nan, but work on the project was stopped by the Israeli forces.
70	402000	An Nabi Samwil	Jerusalem	100	0	35	0	100	0	0	100	0	20	4	2	Needs in the community include rehabilitation of the water network, waste water transport vehicles and solid waste vehicles and containers. The water source is Mekorot with an average of 200 m <sup>3</sup> / month.
71	402040	'Anata	Jerusalem	100	0	90	85	15	100	0	100	10	40	4	2	Needs in the community include waste water network and rehabilitation of the water network. Major water source in the community is through Mekorot company with an average of 50,000 m <sup>3</sup> / month.
72	402045	Al Ka'abina (Tajammu' Badawi)	Jerusalem	0	100	100	0	0	0	0				15		Needs in the community include waste water network and water network.

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73	402065	Az Za'ayyem	Jerusalem	100	0	165	65	35	100	0	100	0	15	10	1	Needs in the community include rehabilitation and extension of the water network and to extend the waste water network. Major water source in the community is through Mekorot Company with an average supply of 15,000 m <sup>3</sup> / month.
74	402125	'Arab al Jahalin	Jerusalem	50	50	45	0	100	0	0	100	80	1	20	0	Needs in the community include waste water network, rehabilitation of the water network, household cisterns, and solid waste collection system.
75	452415	Khallet Sakariya	Betlehem	100		40		100	50	0	100	40	30	1	0.5	Major needs in the community include a 2" water line (about 500 m), 1" water line (about 700 m).
76	452465	Khallet 'Afana	Betlehem	100		40		100	50	0	100	40	30	1	0.5	This community is related to Khallet Sakariya community and is included within its services.
77	452715	Ar Rawa'in	Betlehem	100		35	0	100		0	100	30	35	1		Needs in the community include replacing the main water line (about 500 m with 2" diameter).
78	502355	Al Jab'a	Hebron	100		40		100	50	0	100	40	30		0.5	Needs in the community include: 2" water line (about 2000 m) and 1" water line (about 1500 m).

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79	502675	Khirbet al Hasaka	Hebron	20	80	110	0	100	90		80	15	40	10	1	Needs in the community include rehabilitation and extension of the water network. The average supply through the available water network is about 180 m <sup>3</sup> /month the other available source of water is Hasaka spring with a total production of about 800 m <sup>3</sup> / month
80	502780	Hebron (Al Khalil)	Hebron	95	5	100	80	20	100		100	50	30	10	1	Needs in the community include rehabilitation of the water network. Major water sources are through Mekorot Company (30,000 m <sup>3</sup> / month) 2- Water in addition to Wad Sa'ir wells (450,000 m <sup>3</sup> / month). Water quantities are the annual averages.
81	502830	Ar Rawa'in	Hebron													Bedouins living in the community came originally from Bethlehem area and had some conflicts with the neighboring community of Bani N'aim. They left the area and no one is living in the area currently.

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82	502855	Qalqas	Hebron	50	50	55	0	100	100		10	60	25	10	1	Water supply through the network is very limited and the pressure in the pipes is very low. Supply of water through the network only during winter time (average supply of 1000 m <sup>3</sup> /month); during summer season people get water through tankers from a filling point managed by Mekorot company in addition to water from households cisterns.
83	502885	Al Hijra	Hebron	20	80	35	0	100				0	35	15		Needs in the community include rehabilitation and extension of the water network, adequate water source and supplied quantity, and solid waste collection system. The community has a water network with an average age of about 20 years. Main water source is Al Fawwar well which is managed by Hebron municipality. Water flows in the network only in winter with an average supply of 1,500 m <sup>3</sup> /month.

No.	Community ID	Community Name	Governorate	Households with year-round access to improved water source %	Households with year-round access to unimproved water source %	Water used per capita per day (liter)	Wastewater Network Coverage %	Connection to Cesspits or Septic Tank %	Availability of Solid waste Collection System %	Population Suffer from Water Born Diseases %	Water Supply Facilities Operated and Maintained by Council %	Cost Recovery for Water Supply Services %	Unaccounted for Water within Water Supply System %	Monthly Household Income Spent on W Supply %	Monthly Household Income Spent on Sanitation %	Community Needs and Comments
84	502890	Tawas	Hebron	35	65	35	0	100	100		100	25	25	15	1	Needs in the community include adequate flow of water in the network. The community has a water network that was constructed in the year 2003. Water flows in the network during winter season only with an average supply of 100 m <sup>3</sup> /month.
85	502925	Deir al 'Asal at Tahta	Hebron	20	80	40	0	100		3		0	25	15		Needs in the community include adequate water source and quantity of water, solid waste collection system. The community has a water network, but water flows in the network only during winter with an average quantity of about 600 m <sup>3</sup> /month.

**Table 3: Relative change in tankers water price**

No.	Community ID	Community Name	Governorate	Population 2006	Tankers Average Price now / NIS per m <sup>3</sup>	Tankers Average Price before Intifada / NIS per m <sup>3</sup>
1	10010	Rummana	Jenin	3645	18.0	10.0
2	10090	'Arab al Hamdun	Jenin	60	15.0	8.0
3	10100	Barghasha	Jenin	80	13.0	13.0
4	10115	Dhaher al Malih	Jenin	235	18.0	10.0
5	10125	Al 'Araqa	Jenin	2296	12.0	6.0
6	10135	Al Jameelat	Jenin	45	15.0	10.0
7	10145	Tura al Gharbiya	Jenin	1200	15.0	10.0
8	10150	Tura ash Sharqiya	Jenin	196	15.0	10.0
9	10155	Al Hashimiya	Jenin	1021	15.0	10.0
10	10160	Umm Qabub	Jenin	100	15.0	10.0
11	10175	Khirbet al Muntar al Gharbiya	Jenin	40	15.0	10.0
12	10200	Khirbet Mas'ud	Jenin	70	15.0	10.0
13	10205	Khirbet al Muntar ash Sharqiya	Jenin	20	15.0	10.0
14	10210	Kafr Qud	Jenin	981	12.0	10.0
15	10215	Deir Abu Da'if	Jenin	5722	12.0	10.0
16	10235	Wad ad Dabi'	Jenin	400	15.0	10.0
17	10270	'Arab as Suweitat	Jenin	543	12.0	8.0
18	10275	Kufeirit	Jenin	2644	15.0	8.0
19	10280	Khirbet Sab'ain	Jenin	35	17.0	10.0
20	10310	Al Mughayyir	Jenin	2421	13.0	8.0
21	10365	Ad Damayra	Jenin	320	15.0	10.0
22	10390	Khirbet Kharruba	Jenin	35	17.0	10.0
23	10460	Az Zawiya	Jenin	759	13.0	13.0
24	10540	Mantiqat al Heish	Jenin	30	15.0	12.0
25	10605	Jaba'	Jenin	9409	18.0	10.0
26	10615	Al Fandaqumiya	Jenin	3635	15.0	12.0
27	151010	Rujeib	Nablus	4232	10.0	6.0
28	401985	Kharayib Umm al Lahim	Jerusalem	403	23.0	25.0
29	402045	Al Ka'abina (Tajammu' Badawi)	Jerusalem	1055	37.5	22.5
30	502675	Khirbet al Hasaka	Hebron	234	15.0	10.0
31	502855	Qalqas	Hebron	981	15.0	10.0
32	502885	Al Hijra	Hebron	733	20.0	15.0
33	502890	Tawas	Hebron	158	25.0	15.0
34	502925	Deir al 'Asal at Tahta	Hebron	660	20.0	15.0

**Table 4: Effects of fixed checkpoints (FCP) on communities**

No.	Community ID	Community Name	Governorate	Population 2006	FCP Effect on Tankers Supply	FCP Name	FCP Effect on Maintenance Team Access	FCP Name	FCP Effect on PHC Access	FCP Name
1	151245	Jamma'in	Nablus	6249			1	Hiwwara	1	Hiwwara
2	151380	As Sawiya	Nablus	2488			1	Za'tara Hiwwara	1	Za'tara Hiwwara
3	151405	Al Lubban ash Sharqiya	Nablus	2702			2	Za'tara Hiwwara	2	Za'tara Hiwwara
4	401915	Qalandiya	Jerusalem	1247			1	Beir Nabala	1	Beir Nabala
5	402000	An Nabi Samwil	Jerusalem	236	2	Beit Iksa	2	Beit Iksa	2	Beit Iksa
6	402045	Al Ka'abina (Tajammu' Badawi)	Jerusalem	1055	1	Jaba'				
7	502780	Hebron (Al Khalil)	Hebron	179451	2	Ash Shuhada Street	2	Ash Shuhada Street		
8	502885	Al Hijra	Hebron	733	1	Al Fawwar				
9	502890	Tawas	Hebron	158	2	Beit Awwa	1	Beit Awwa	1	Beit Awwa
10	502925	Deir al 'Asal at Tahta	Hebron	660	2	Beit Awwa				

