



**Water and Sanitation, Hygiene (WaSH)
Sector in
Occupied Palestinian Territories
(OPT):
Facts and Challenges**

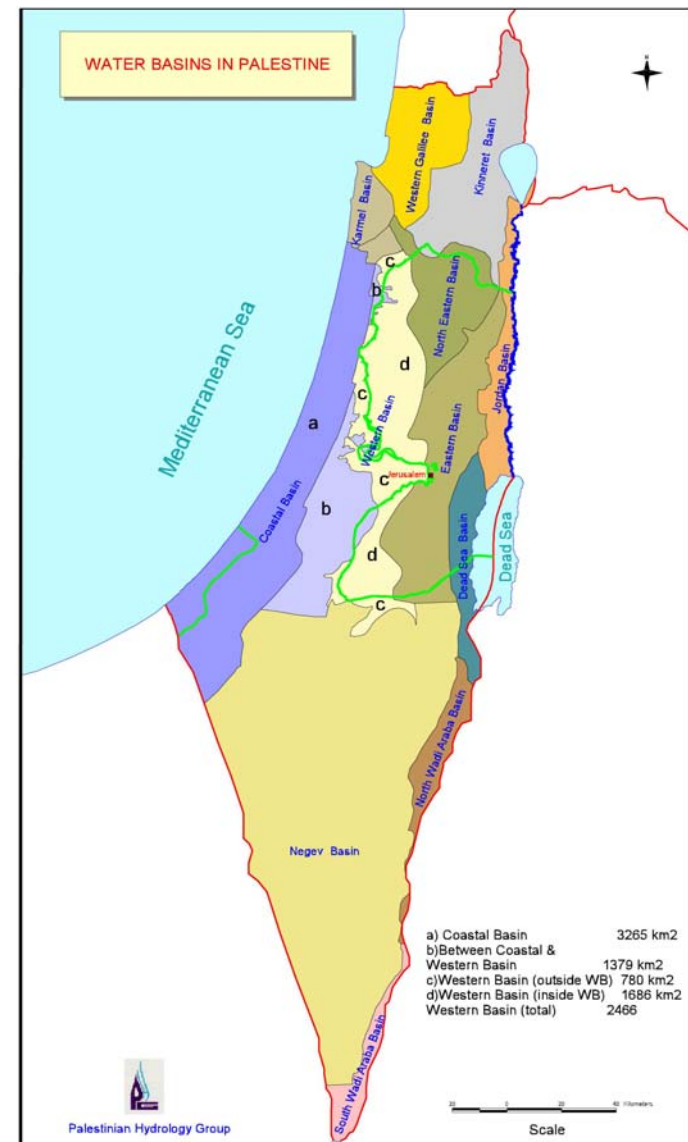
Eng. BASEMA BASHIR
WaSH Monitoring Program
Palestinian Hydrology Group

Best Eastern Hotel
May 13th 2007

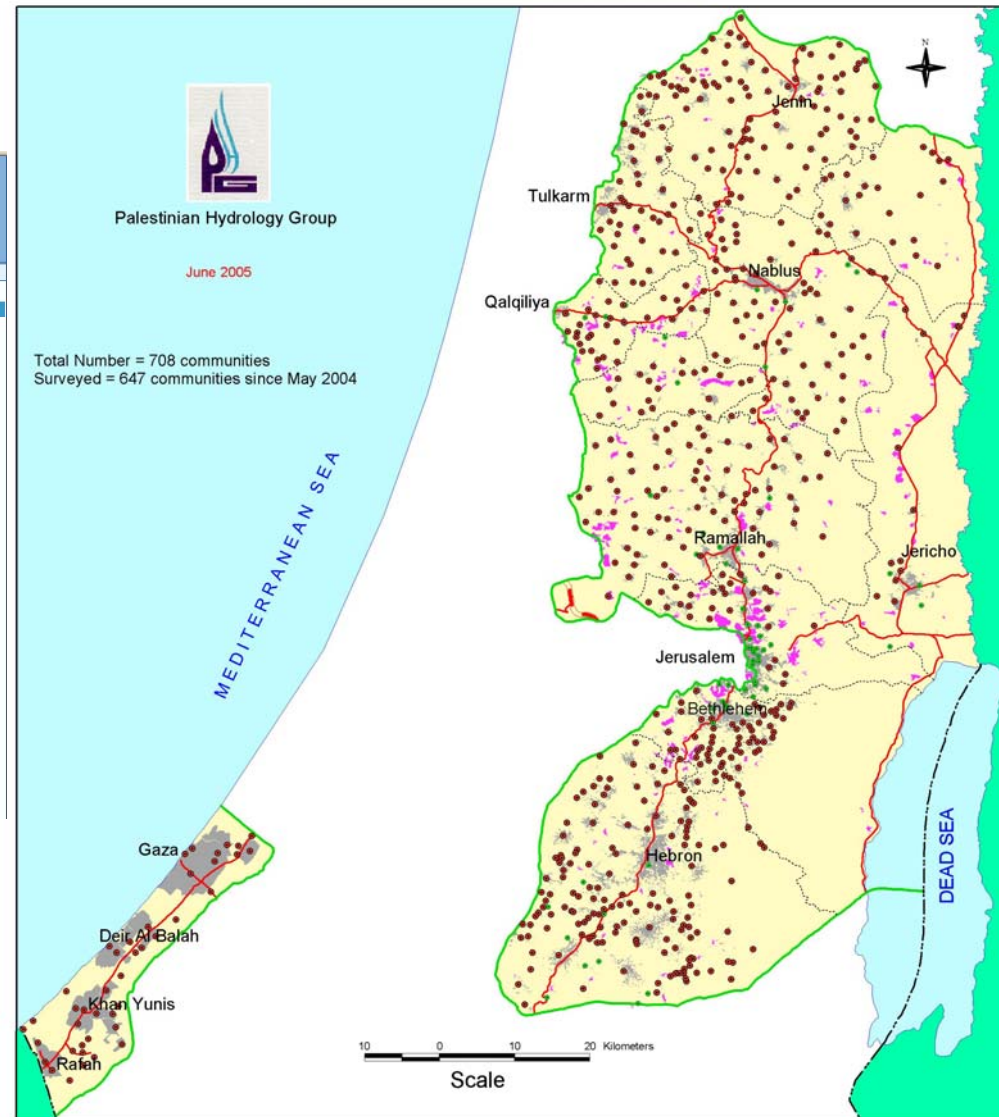
Ramallah - Palestine

I. Water, Sanitation and Hygiene Monitoring Program (WaSH MP)

The **main objective** of the program is to respond to water crises in the West Bank and Gaza Strip by increasing local and international awareness of the WaSH situation and encouraging mobilization around the issues involved so as to help engender political and environmental change since timely information can be used to either remedy a WaSH related crisis or, better yet, prevent its occurrence.



WaSH MONITORING PROJECT
1- Surveyed Communities



LEGEND

- Surveyed Community
- Not Surveyed Community

THE WATER AND SANITATION HYGIENE MONITORING PROJECT (WASH MP)

Monitoring the Water Emergency in the West Bank and Gaza Strip—
A WATER FOR LIFE EFFORT

Saturday, May 12, 2007

Select

Surveyed Communities

- Tankers Price
- Communities with per capita consumption <= 30 l/c/d
- Fixed Checkpoints Effects on Palestinian Communities
- Mobile Checkpoints Effects on Palestinian Communities
- Earth Mounds Effects on Palestinian Communities
- Curfew Effects on Palestinian Communities

Search by:	And by:		
District:	Community Name:	Community ID	population Greater >
All District Bethlehem Deir Al-Balah Gaza Hebron Jenin Jericho	All Communities Zububa Rummana Tiinnik At Tayba 'Arabbuna Al Jalama	<input type="text"/>	<input type="text"/>
Order by			
<input checked="" type="radio"/> Community Id	<input type="radio"/> Community Name	<input type="radio"/> District	<input type="radio"/> Population 2004
Show the Fields			
<input checked="" type="checkbox"/> Community Id	<input checked="" type="checkbox"/> Community Name	<input checked="" type="checkbox"/> District	<input checked="" type="checkbox"/> Population 2004

Home

About the WaSH MP

About the Water for Life Campaign

Publications

Maps, Tables and Data Queries

Related Links

Contact Us

In cooperation with:

Through the following orgs.:

With the support of:

II. Current Status of WASH Sector in the OPT

1. **Ongoing political, economic and social crisis resulted in near catastrophic consequences for the WaSH situation**
2. It is evident that **violations of all substantive elements of the right to water** is taking place in the OPTs and on daily basis.
3. Israeli forces have **employed policies and practices** (deliberate destruction of water infrastructure, restriction of movement, construction of a massive wall of separation.....etc) which have led to deterioration in the **availability, quality and accessibility** of water for the Palestinians
4. **Unilateral diversion of shared resources, depletion of groundwater sources, and pollution from existing settlements in the West Bank** also contribute to ongoing violations of Palestinians right to water and health
5. **Concomitant increase in the number of Palestinians unable to pay their water bills, resulted in the Israeli water provider, Mekerot, cutting off supplies to Palestinian communities connected to, in many cases, very old water networks.**
6. **Other communities forced to rely on local sources, harvesting rainwater, springs and purchasing water from expensive, privately owned water tankers vulnerable to closures, curfews and checkpoints.**

II. Current Status of WASH Sector in the OPT

7. Palestinians **often rely on contaminated alternative water supplies**; the limited domestic supplies inevitably adversely affect the collective health and hygiene of communities.
8. **Wastewater collection and treatment in the rural areas is virtually non-existent ; accumulation of solid waste in communities continues unabated** as tankers transporting this waste are turned back at checkpoints.
9. **Water quality continues to deteriorate as Israeli settlers discharge untreated wastewater into valleys** and open spaces resulting in environmental pollution and the spread of water borne diseases.
10. **The Joint Water Committee (JWC) which is, in actual effect, controlled by the Israeli Occupation Forces, continues to veto most Palestinian permit requests for water and sanitation projects.**
11. **Donors are discouraged from funding the water sector in Palestine** as new infrastructure is always under threat of destruction by the Occupation Forces and because applying for a permit to undertake a WaSH project is such a long and drawn-out process.

Recent Humanitarian and Environmental Crisis in Beit Lahia

(March 28th 2007)

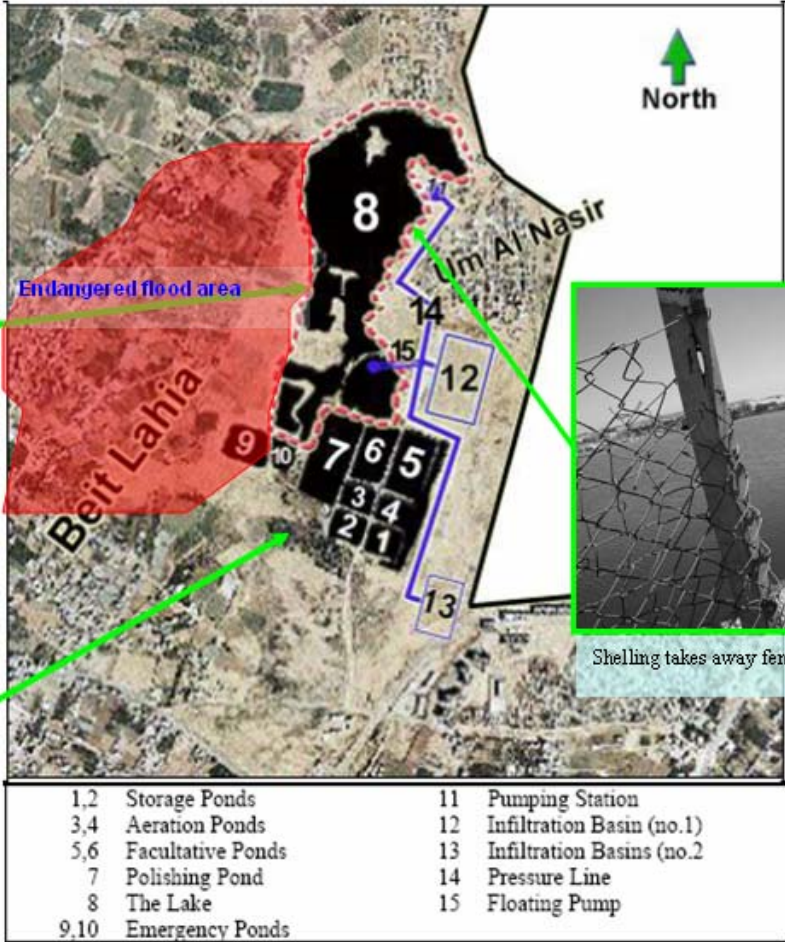
Fig (5) Beit Lahia wastewater treatment plant the hazard of flood by shelling, May 2006.



Increasing water near water barrier (Skip 2006)



Buildings near the WW ponds affected by Israeli Shelling to the area (Skip 2006)



Shelling takes away fences from WW ponds (Skip 2006)

Consequences of the
Humanitarian and
Environmental
Crisis in Beit Lahia
(March /2007)



Incursion in Beit Hanoun / Gaza Strip (November 7th 2006)



Israeli settlements in the West Banks affecting WaSH Situation in the Palestinian communities:

Recent Case: **Bruqin and Kafr ad Dik communities / Salfet Governorate**

(population of about 4000 and 5600 persons, license for a water network is available):

بلدية سلفيت
دائرة الصحة والبيئة

نموذج جمع العينات وتحصنها بيولوجيا

City/Town : البلدة / القرية : بروقين

Sampling Date: تاريخ جمع العينة : 2006/9/24

Serial No.	Code No.	Sampling Point	Sampling Hour	Chlorine residual (P.P.M)	Result	
					Total	Fecal
1-		بر جمع رقم (1)	10.00	00(بندون كلور)	40	30
2-		بر جمع رقم (2)	10.00	00(بندون كلور)	20	TNTC
3-		بر جمع رقم (3)	10.00	00(بندون كلور)	70	42
4-		نوع طبيعي (4)	10.00	00(بندون كلور)	30	50
5-		بر جمع رقم (5)	10.00	00(بندون كلور)	30	100

ملاحظات:

- العينات (1, 2, 3, 4) ابار تقع جنوب مجاري مسوطة ارييل لا تبعد عنها اكثر من (5) امتار
- اما العينة رقم 5 فلا تبعد اكثر من (15)متر عن مجاري مسوطة ارييل.
- نسبة التلوث عالية جدا في العينات التي تم فحصها دلالة على تسرب العاطل الى الابر
- يجب احالة الكلور الى ابار الجمع للتقليل من تلوثها

مدير الصحة والبيئة : اشرف زهد

تمسك لي السيد رئيس بلدية بروقين
تمسك لجنود صحة سلفيت

بلدية سلفيت
قسم الصحة

نموذج رقم: F-HES-WLM-02 رقم الإصدار: / / تاريخ الإصدار: / /

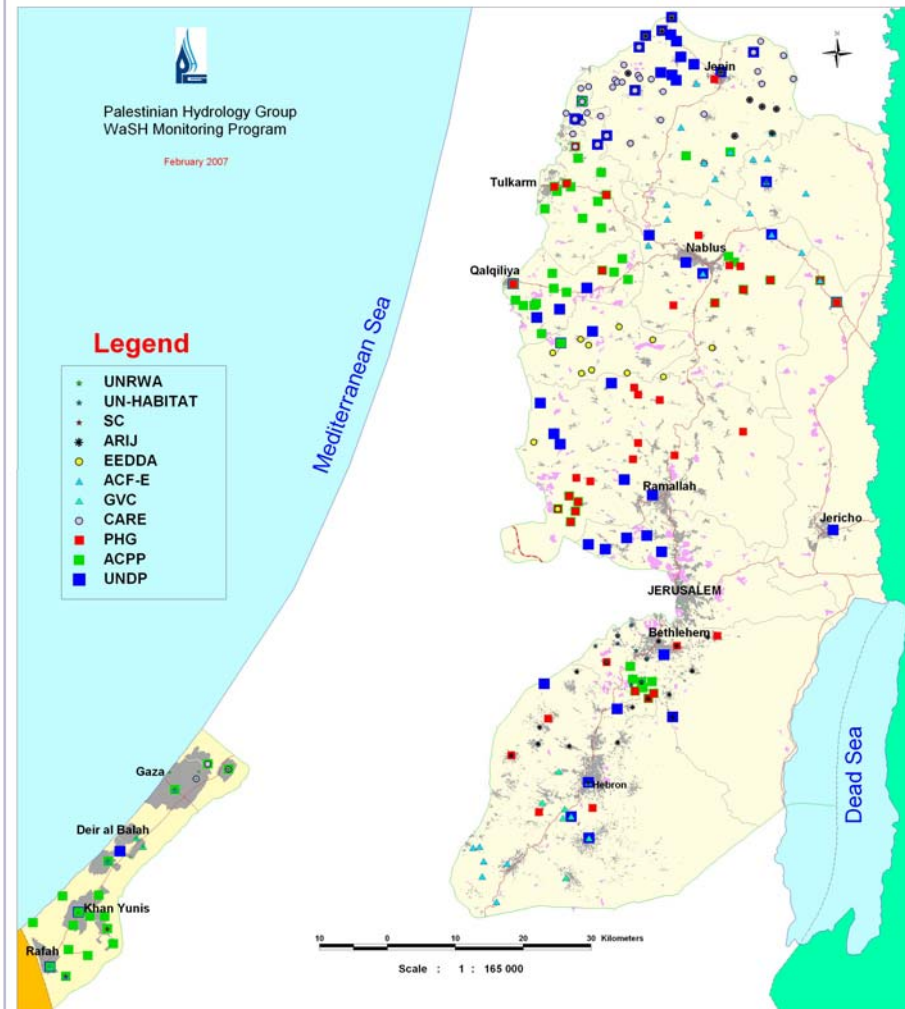


III. WaSH Projects Database:

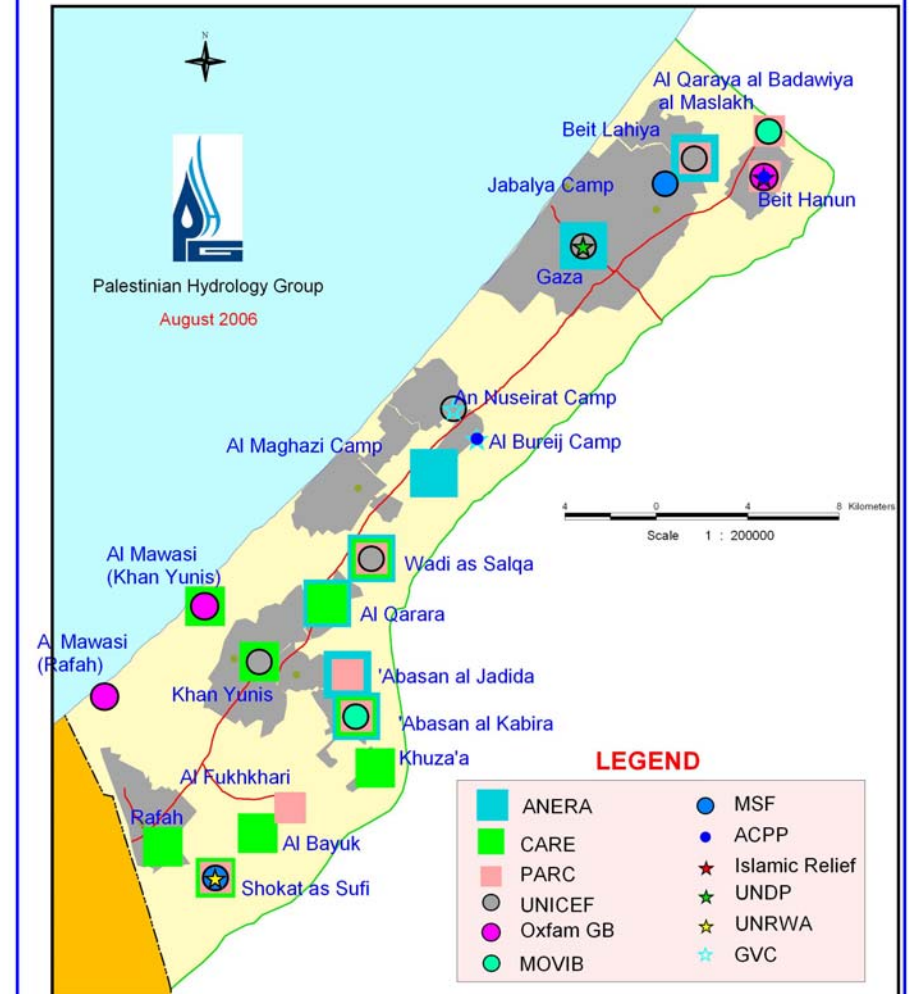
WHO is doing **WHAT** and **WHERE**?



WaSH Related Activities Map



WaSH Related Emergency Activities Map / GAZA



WaSH Related Activity Map / CARE



* WaSH Activities of CARE in OPT

WaSH Related Activity Map / UNDP



* WaSH Activities of UNDP in OPT

WaSH related projects information is available on :

www.phg.org/campaign

The screenshot shows a web browser window displaying the PHG website. The address bar shows the URL: <http://www.phg.org/publications/MapspenNGOfeb2007.html>. The browser's toolbar includes a search bar, navigation buttons, and various utility icons.

The website header features the PHG logo (a stylized blue 'P' and 'G' with a flame) and the text: "THE WATER AND SANITATION HYGIENE MONITORING PROJECT (WASH MP) Monitoring the Water Emergency in the West Bank and Gaza Strip-- A WATER FOR LIFE EFFORT".

The main content area is titled "WaSH Activities In WB & GS Maps (per NGO) February 2007". Below the title, there is a "Click Image to enlarge" link. The content is organized into a grid of six map thumbnails, each representing a different NGO's activities:

- Top-left: WaSH Related Activity Map / ACF-E
- Top-right: WaSH Related Activity Map / ACPF
- Middle-left: WaSH Related Activity Map / EEDOA
- Middle-right: WaSH Related Activity Map / GVC
- Bottom-left: WaSH Related Activity Map / PHG
- Bottom-right: WaSH Related Activity Map / SC

Each map thumbnail shows a geographical map of the West Bank and Gaza Strip with various colored lines and markers indicating WaSH activities. Each map also includes a small inset map of the region and a "Click Image to enlarge" link at the bottom.

The left sidebar contains a navigation menu with the following items:

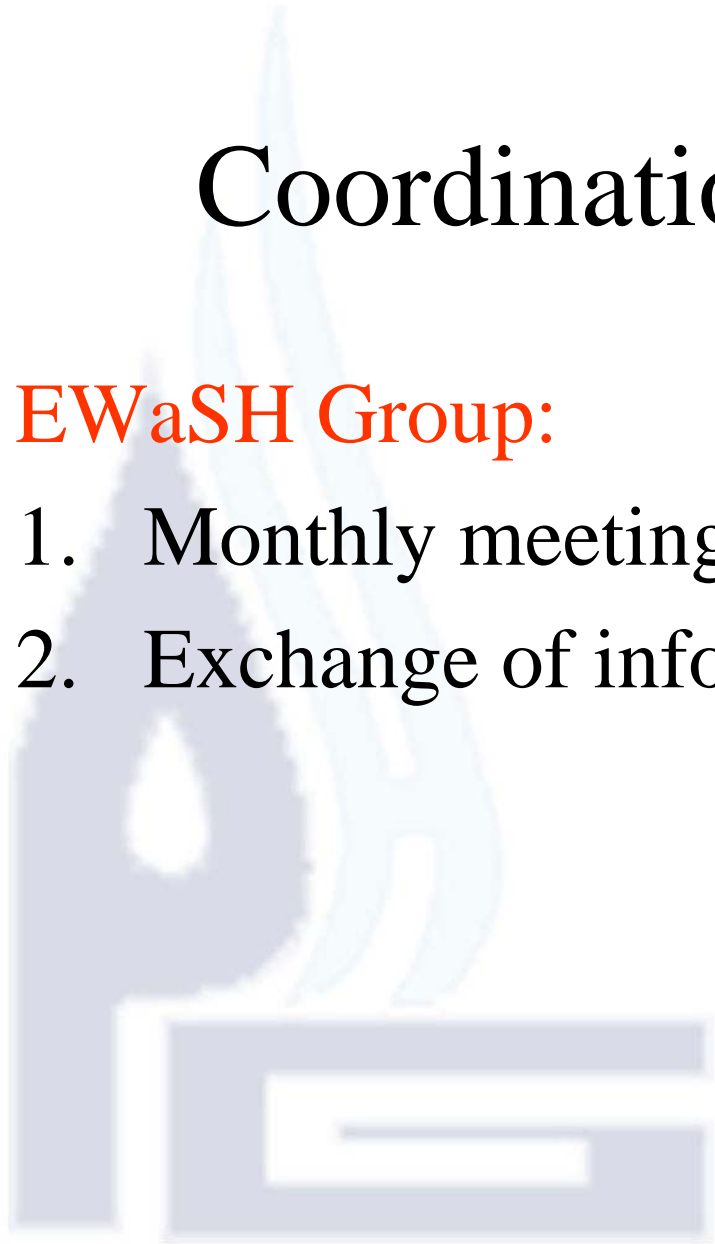
- Home
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- About the *Water for Life* Campaign
- Publications
- Maps, Tables and Data Queries
- Related Links
- Contact Us
- EWaSH Activities in WB & GS

At the bottom of the sidebar, there is a section titled "In cooperation with:" followed by logos for several organizations. Below this, it says "Through the following orgs.:" with more logos. At the very bottom, it says "With the support of:" followed by logos for "echo" and "Oxfam".

Coordination of activities:

EWaSH Group:

1. Monthly meetings
2. Exchange of information and experience



Conclusion & Recommendations

- **Complete and comprehensive end to the Occupation, including the Palestinian control and rights over their water resources, in addition to the full removal of the WALL, are the basic solutions to all problems related to water access in the OPT.**
- **What can be done to remedy the current situation with regards to the WaSH deteriorating situation in the absence of a political solution to the conflict?**

Cooperation and Coordination are needed between all stakeholders in the sector to remedy any possible WaSH related crisis or, better yet, prevent its occurrence.



THANK YOU

BASEMA BASHIR

WaSH Monitoring Program

(www.phg.org/campaign)

Palestinian Hydrology Group

bashir@phg.org

Or

bbashir@palnet.com