

**Risk Analysis**

**Annex I**

#	Description	Date Identified	Type	Impact	Threat Likelihood	Threat Impact	Risk Level	Countermeasures / Mngt response
1	Israeli occupation Military	15/6/2009	Political	Programme could be delayed or cancelled	Unlikely	Moderate	Low	Coordination with the Israelis
2	Difficult in the access of materials	15/6/2009	Operational	The hard component of the project could not be implemented	Unlikely	Severe	Medium	Coordination with the Israelis
3	Access to sites	15/6/2009	Operational	The hard component of the project could not be implemented or there could be a delayed	Likely in one of the sites (Area C)	Severe	Medium	Coordination with IDF and the donor
4	Lack of interest from the Israeli Government	15/6/2009	Political	Cancellation of the project	Likely	Minor	Low	Support from MAP and relevant lobbyist
5	The Update of the MOU and the agreed upon mechanisms for cross boundary wastewater management between the Israelis and Palestinians take longer than expected	15/6/2009	Regulatory Strategic	Programme could be delayed	Likely	Moderate	Medium	UNDP/PAPP will invite the donor and both parties to joint cooperation meetings to avoid delay and agree upon a work plan and timeframe. Coordination with the Israelis.
6	The issuance of permits to construct the three waste water collection systems takes longer than expected;	15/6/2009	Operational	Programme could be delayed	Unlikely	Moderate	Medium	UNDP/PAPP will invite the donor and both parties to joint cooperation meetings to avoid delay and agree upon a work

									plan and timeframe. Coordination with the Israelis
	Change of policies on the Israeli or Palestinian Side	15/6/2009	Operational	Cancellation of the project	Unlikely	Moderate	Low	Coordination with IDF and the donor to lobby	
	Lack of success mobilizing the pending funds	15/6/2009	Financial	Reduction of the scope of work	Unlikely	Moderate	Medium	One of the areas will be reduced	
	Security is not guaranteed in those areas – political instability	15/6/2009	Political	Programme could be delayed	Unlikely	Moderate	Low	UNDSS will support us with the information. Activities will be postponed.	

**MOU**  
**Between the Palestinian Water Authority and the Israeli Water Commission:**  
***Guidelines and Technical Criteria for Sewerage Projects***

**Annex II**



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F.D.

1. In the spirit of mutual cooperation and in accordance with Article 40 of the Israeli-Palestinian Interim Agreement, this Memorandum of Understanding on Guidelines and Technical Criteria for Sewerage Projects seeks to facilitate the creation of comprehensive sewerage systems in the West Bank. Both sides understand that nothing in this document shall be construed as affecting the final status agreement regarding water resources between the parties.
2. The Parties recognize the importance of the effective treatment of wastewater for the preservation of the water quality in the various water resources, for the protection of the environment and for reuse as a potential source of additional water.
3. Each Party shall be responsible for the collection and treatment of all wastewater produced in areas under its control in accordance with article 40 of the Israeli-Palestinian Interim Agreement and its subsequent disposal or reuse, in accordance with the provisions of this memorandum. The wastewater shall be treated to a level that will not adversely affect the water quality in the various water resources and the environment.
4. The plan for wastewater systems in the West Bank is designed for the treatment of 3000 population, with a typical design discharge of not less than 120 liters/person/day.
5. All Sewerage projects are to be designed as complete systems, to be comprised of systems for collection from the source, conveyance to the treatment plant, a wastewater treatment plant, a plan for reuse or safe disposal of the effluent, including the conveyance to the point of disposal of the effluent, and safe reuse or disposal of the sludge.
6. Each project is to be designed based upon the chosen route of effluent disposal. The effluent disposal should be by complete reuse in agriculture (or other equivalent extensive applications). Plans to the disposal of effluent to any disposal route, all wastewater should be treated to the specifications outlined in

General

Criteria for Sewerage Projects

Memorandum of Understanding on Guidelines and Technical

Israel - Palestinian Joint Water Committee

Communications between PWA and the Israeli Water Commission regarding the targeted communities

Annex III



Prof. Uri Shamir  
Co-Chairman of the JWC for  
the Israeli Side

*U. Shamir*

Dr. Shaddad Arrah  
Co-Chairman of the JWC for  
the Palestinian Side



This LETTER OF AGREEMENT is made and entered into by the  
Palestinian Water Authority and the Israeli Water Authority (hereinafter,  
"the Parties") to document an understanding that the Parties are committed  
to working together in the framework of the Israeli-Palestinian Joint Water  
Committee to carry out the necessary steps for the implementation and  
completion of the Japanese funded "Peace Building Grant Aid" wastewater  
project, to be implemented by the United Nations Development Programme.  
The technical details of a Memorandum of Understanding between the  
Parties, which is a component of the project, will be agreed upon by the two  
parties in accordance with the schedule defined in the "Peace Building Grant  
Aid" wastewater project document drafted by the United Nations  
Development Programme and agreed upon by the Government of Israel.

Regarding the collection and conveyance of wastewater from  
the Palestinian communities of Bagan Al-Sharqiyah,  
Barta'a Al-Sharqiyah and Habla to Israel for Treatment

It is agreed upon in the  
Israeli-Palestinian Joint Water Committee

The Palestinian Water Authority and the Israeli Water  
Authority

**LETTER OF AGREEMENT**

October 26, 2008

## Joint Committee – Water and Sewage

Minutes of the Meeting on  
"Hablal, Barta's & Baga Wastewater"

Held on 16.07.08  
in Tel Aviv

### Participants:

For the Israeli Side:

Mr. Baruch Nager, Dr. Giora Alon, Mr. Eli Doron, Capt. Adam Yazer

For the Pakistanian Side:

Dr. Ihab Barghouthi, Eng. Naim El-Mani

### Guests of the JWC:

Members of the Japanese Delegation – representatives of the Ministry of Foreign Affairs, the Embassy of Japan and UNDP

Ms. Sachiko Furuya, Mr. Takemichi Nishikubo, Dr. Kaori Tanaka, Mr. Khaled Shabwan,

Ms. Riama Abu-Middalin, Mr. Chikako Kodama

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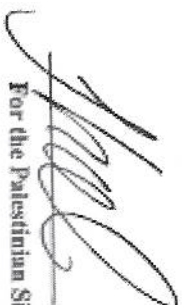
No.	Subject	Descriptive/Additional Information
1.	Background	<p>Haba, Barka and Baga are Palestinian villages located nearby the Green Line. These villages are not connected to a regular sewage system and do not have a WWTP. Both sides favorably consider treating the wastewater originating in the West Bank in order to reuse it for irrigation and diminish the pollution to the environment and the joint water resource. Furthermore, considering the location of these villages, the Israeli side is willing to treat their wastewater in Israel. All the expenses of treating the wastewater in Israel will be covered by the Palestinian side.</p>
2.	Objective of the Meeting	<p>Dr. Imb Barghouti states that the Japanese donors are willing to finance the installation of the lateral nets in the three villages mentioned above. The installation will be executed by UNEDP. The wastewater treatment will be carried out in Israel and financed by the Palestinian side.</p>
3.	Requests made by the Japanese Representatives	<p><u>The Japanese Representatives wish to examine the Israeli-Palestinian level of agreement on this project. This examination is necessary for determining the funds allocation for this project.</u></p> <p>The Japanese representatives state that the estimated cost of this project is approximately 6.3 million USD. However, if the costs would be higher, other funding resources will be considered for the project will be downsized. The Japanese representatives state it is important that the Palestinian side considers the cost burden among the related ministries such as the Ministry of Finance and the Ministry of Planning. The Palestinian side agrees that it will submit a letter to the Embassy of Japan, which confirms the approval of both ministries for the cost burden.</p>
4.	Clarification made by the Israeli side	<p>Mr. BARTSH NAGB clarifies that according to the Israeli-Palestinian Water Agreement, each side has to treat the wastewater originating in its territory. However, the Israeli side is prepared to treat the wastewater originating in the above-mentioned villages, after both sides reach an understanding concerning the cost of treating the wastewater in Israel.</p> <p>It is suggested that the Palestinian side prepare a draft MOU for the approval of the JWC, which would include all aspects of the project. After the MOU is approved by the JWC, a standard application would be submitted to the JWC. Once this application is approved, an agreement concerning the payment for treating the wastewater in Israel would be signed by both sides.</p>

J.R



No.	Subject	Description/Additional Information
5.	Clarification made by the Palestinian side	<p>Dr. Thab Barghouti states that a draft MOU shall be submitted in a few days, after the Palestinian side consults with the Japanese and UNDP Representatives.</p> <p>Dr. Barghouti further states that wastewater is a potential water source for irrigation.</p>
6.	Decisions	<ol style="list-style-type: none"> <li>1. Both sides consider this project favorably and wish to advance its implementation.</li> <li>2. In the first stage, a MOU shall be submitted to the JWC for approval. This MOU shall also include an obligation to cover all payments for treating the wastewater in Israel.</li> <li>3. In the second stage, a standard application for this project shall be signed by both sides.</li> <li>4. The project will be financed by the Japanese government and executed by UNDP.</li> </ol>

  
 For the Israeli Side  
 Mr. Baruch Nagor

  
 For the Palestinian Side  
 Dr. Thab Barghouti

CC: Prof. Uri Shani - Director of the Israel Water Authority  
 Yosef Yasev - Head of the Sewage Administration  
 Governmental Authority for Water and Sewage 14, Hammer Street, P.O. Box 2006, Tel-Aviv 6120  
 Tel: 03-6269781, Fax: 03-7064125 e: [sewage@wpa.gov.il](mailto:sewage@wpa.gov.il)

Hani Najar  
 Head of the Water Administration  
 for the WB&GS  
 Sincerely,

1. I have previously suggested to you, several times, finding a joint solution for the sewage problem of Habla (as well as Baqa and Barta'a).
2. I still have not received any reply from you. Please note that the Habla inhabitants intentionally damage the sewage pipeline from Ahiel Menashe to the Mir Elyahu WWTP, which floods the area with wastewater.
3. The local authority is forced to pay heavy expenses to repair the damages and prevent the aquifer and the environment from being polluted. Furthermore, the expenses are refunded to the local authority, at their demand, by the ministry of finance.
4. Under these circumstances and since there is no joint or any other solution, we would be forced to formally demand from the Palestinian Authority to be liable for repairing the damages.

Subject: Habla Sewage

For: Eng. Fadel Kawash  
 Head of PWA

03/11/2007

7 November 2007

The Water Administration for the WB&GS



State of Israel

Map for Bartaá Sharqieh collection system and connection with the Israeli side

Annex IV



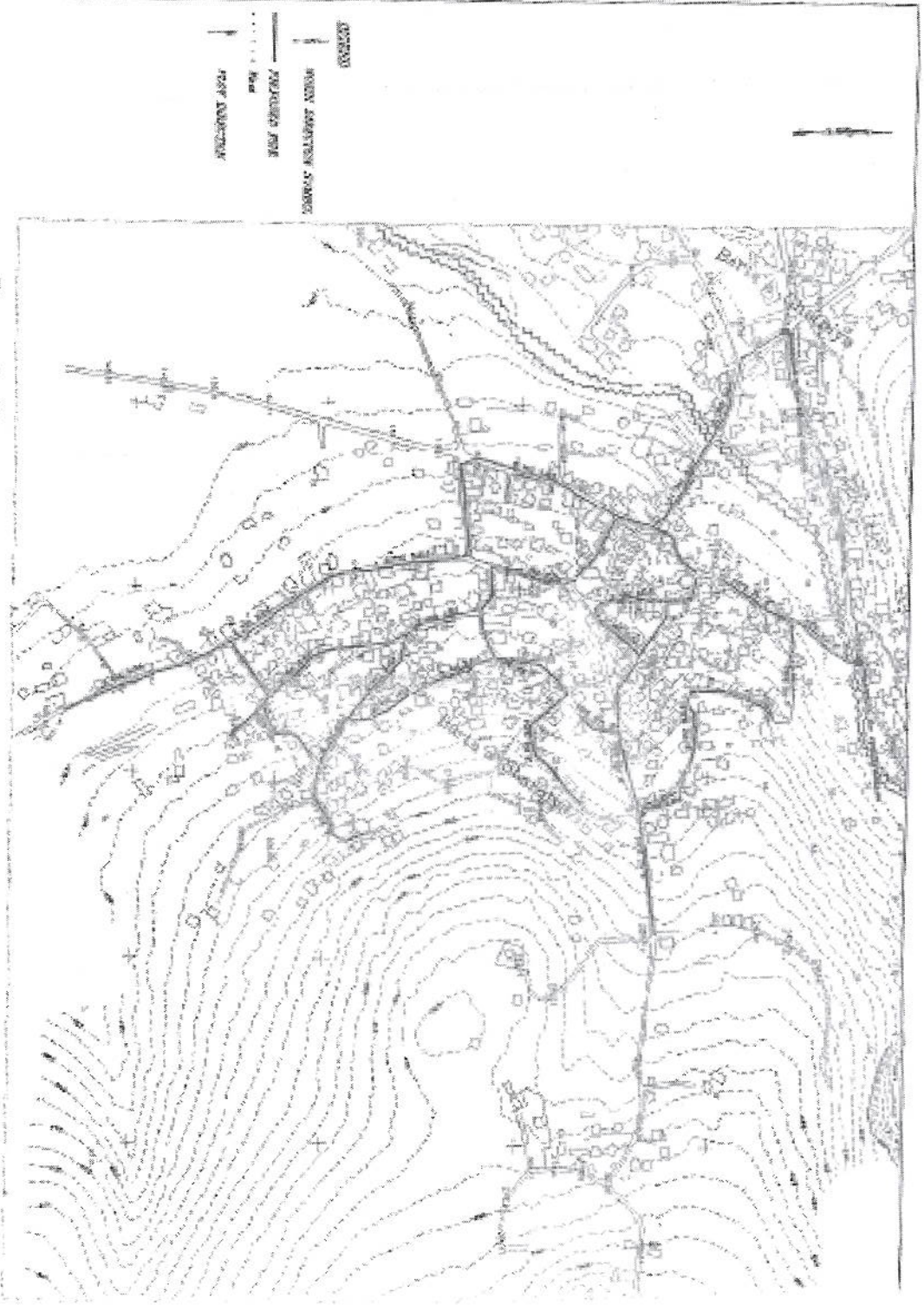


Figure 4: The proposed layout of Baria's shanties sewage collection system

Maps for Habla collection system and connection with the Israeli side and Master Plan

Annex V





Figure 3.1. The layout of Habla sewage collection system and flow direction

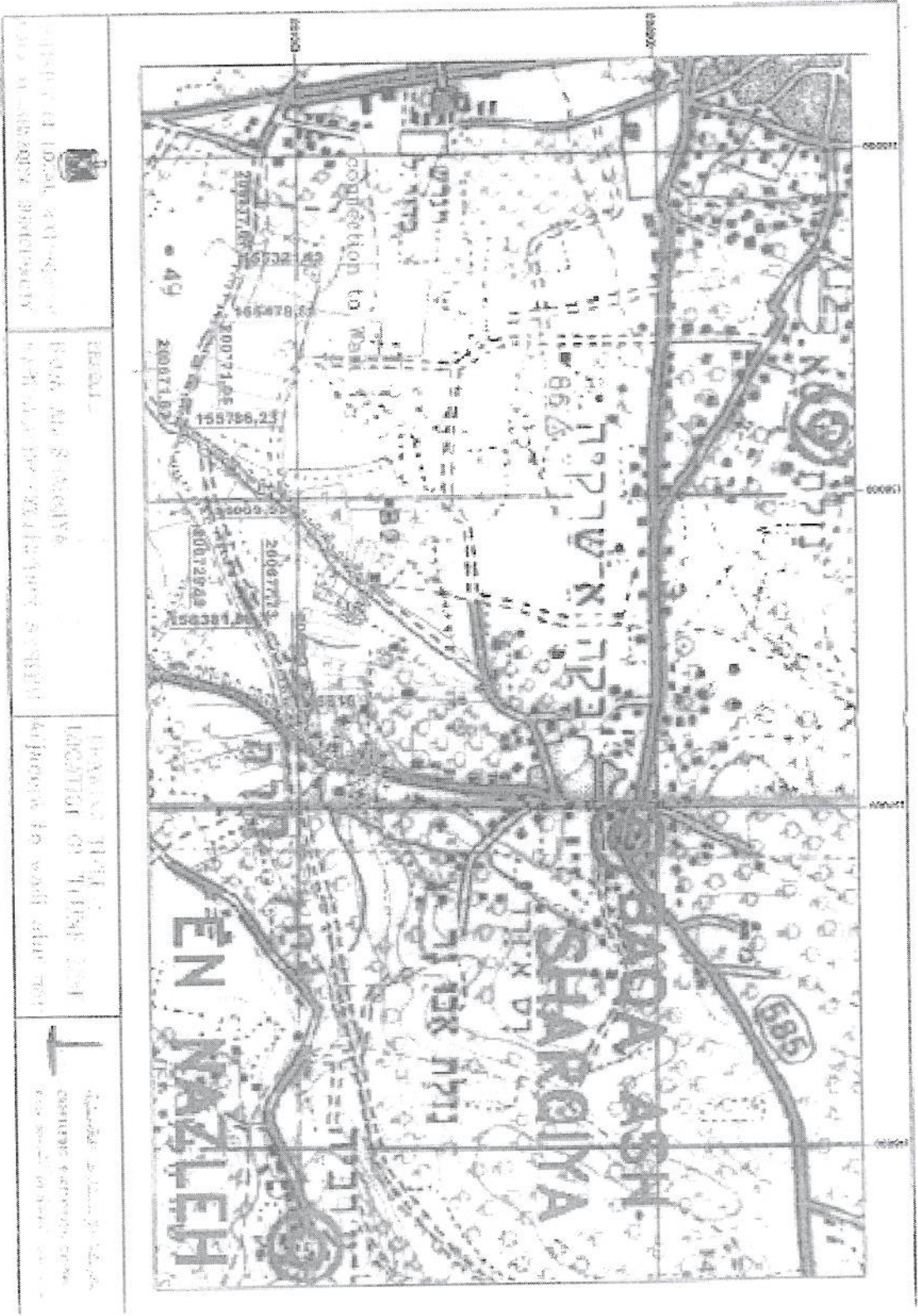


<b>MUNICIPALITY OF LONDON, ONTARIO</b> DEPARTMENT OF LOCAL GOVERNMENT 500 WATERLOO STREET LONDON, ONTARIO N6A 5K9	
<b>SEWERAGE SYSTEM PLAN</b> PART 1	
1:10,000 1998	
Prepared by: [Name] Drawn by: [Name] Checked by: [Name]	

Maps for Baqa Sharqieh connection point with the Israeli system and Plan

Annex VI






  
 Ministry of Planning  
 General Directorate of Urban Planning and Construction

Report  
 Final Site Plan  
 for the proposed building

Location of the site  
 adjacent to wall due to


  
 Ministry of Planning  
 General Directorate of Urban Planning and Construction



MOU between APLA and ULAI

Annex VII



Memorandum of Understanding  
Between  
APLA, ULAI and VNG

Since 1999, a profound dialogue has been established between the Association of Palestinian Local Authorities (APLA) and the Union of Local Authorities in Israel (ULAI).

As representative organizations of local authorities, we feel obliged to act on the increasingly louder calls from both Palestinian and Israeli citizens to actively work towards peace, security and welfare in the region. We believe that the only manner to achieve this, is through mutual dialogue and cooperation, whereby the Palestinian and Israeli local authorities are to work as partners in order to effectively address the problems that stand in the way of just and lasting peace.

In June 2005, in The Hague, we organized the first joint conference of APLA and ULAI, facilitated by the Association of Netherlands Municipalities (VNG). During the conference, and in presence of the international community, we have committed ourselves to actively cooperate to promote mutual understanding, cooperation and improve the daily life of our citizens. We are very proud of the solidarity of the national municipal associations, cities, regions and international agencies, to join in this effort and to build an active network of cooperation between our municipalities.

It is in this context that the 'Municipal Alliance for Peace', or MAP, was established during the conference. Empowered by the hope that through projects ranging from youth to infrastructure we will build a brighter future for our children and the generations to come, we call on all our international colleagues and partner organizations to help us to succeed in our efforts.

We hope that through the comprehensive project proposal that lies before you, we can demonstrate that local authorities, as the closest authority to citizens, are in a position to pave the road for peace and mutual understanding.

We sincerely hope that you will join us in support of this important initiative.



Dr. Osama Al-Farra  
Deputy Chairman of MAP  
Chairman of APLA  
Association of Palestinian  
Local Authorities



Wim Deetman  
Chairman of MAP  
Chairman of VNG  
Association of Netherlands  
Municipalities



Adi Eldar  
Deputy Chairman of MAP  
Chairman of ULAI  
Union of Local Authorities  
in Israel

**Detailed budget breakdown for capacity development and joint Palestinian Israeli environmental awareness activities**

**Annex VIII**

Promote peace building through cross boundary wastewater management

Item	unit	Unit Cost	Q	Total
<b>Project staff &amp; operations</b>				
Project Manager (SC 10)	months	3,550	24	85,200
Project Assistant (SC7)	months	2,604	24	62,496
3 Site Engineers (SC9)	months	2,917	24 x 3	210,024
Driver (SC3)	months	1,529	24	36,696
Office facilities and operations (rent and other running costs)	months	2,500	24	60,000
Transportations (car, fuel, maintenance),+ USD 32,000 (4 wheel jeep)	months	1,500	24	68,000
Security costs for staff (USD1050/person/year)+ (hazard pay: USD 600/person/year)=USD 7050/person/year	staff*year*2	7,050	12	84,600
MAP Secretariat-(2 coordinators-SC7)	months	2,604	24 x 2	124,992
<b>Sub total</b>				<b>732,008</b>
Miscellaneous (office equipment, communications, mobile phones, advocacy and Public relations)				73,201
<b>Total activity</b>				<b>805,209</b>
<b>Construction of wastewater collection systems</b>				
<b>Construction Cost for Barta a East</b>				
Construction of 12" main sewers conveyer, including excavation, supplying and installing of pipes and manholes	LM	108	3,084	333,072
Construction of 10" main sewer lines including excavations, supplying and installing of pipes	LM	82	6,000	492,000
Construction of 8" sub main sewer lines including excavations, supplying and installing of pipes and	LM	65	4,999	324,935
<b>Total Barta a</b>				<b>1,150,000</b>
<b>Construction Cost for Habla</b>				
Construction of 6km of sewage pipe lines; Construction of about 6 km of sewage pipe lines (8,10, and 12 inch in diameter)	LM	100	6,050	605,000
Construction of about 4 km of sewage gravity lines and force mains (8" in diameter), and a wastewater pump station.	LM	110	4,000	440,000
Construction of about 4 km of sewage gravity lines and force mains (8" in diameter)	LM	100	4,000	400,000
<b>Total cost of Habla</b>				<b>1,445,000</b>
<b>Baga Al-Sharqiya</b>				
Development of detailed designs				24,500

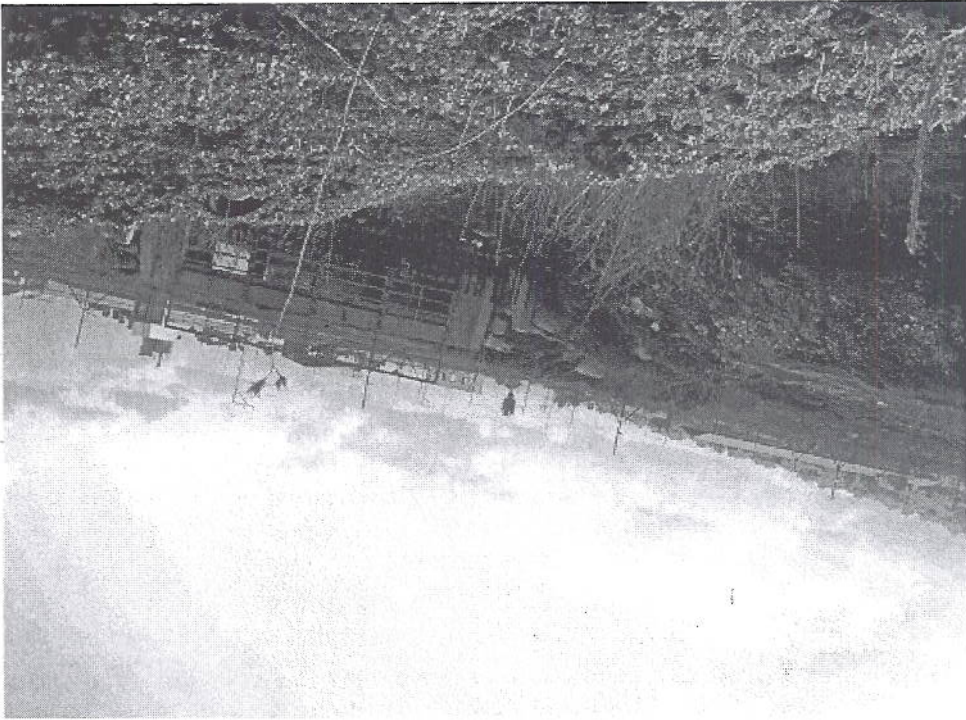


226,800	2,100	108	LM	Construction of 12" main sewers conveyer, including excavation, supplying and installing of pipes and manholes
128,700	1,300	99	LM	Constructing 10" main sewer lines including excavations, supplying and installing of pipes and manholes
963,000	10,700	90	LM	Constructing 10" main sewer lines including excavations, supplying and installing of pipes and manholes
1,343,000				<b>Total Baqa Sharqiya</b>
3,938,000				<b>Subtotal construction works</b>
590,700				Contingencies to cover currency exchange loss, possible variations from preliminary designs, price increase & any other unforeseen contingency
4,528,700				<b>Total construction cost</b>
<b>Dialogue promotion, capacity development and public awareness activities</b>				
100,000	100	1,000	days	International Legal Advisor on environmental transboundary issues (including travel and DSA)
90,000	90	1,000	days	Wastewater technical advisor (including travel and DSA)
9,031	3	3010.44	workshop	Conduct three workshops
60,000	3	20,000	lump sum	Conduct public awareness campaign in the three targeted communities inside oPt (including salaries of health educators, development of promotional and public awareness materials, organization and production of meetings, focus groups and workshops in the three localities)
264,401				Training and joint environmental awareness targeting municipal staff and youth in both communities (see Annex VII for detailed budget break down)
523,432				<b>Total activity</b>
5,857,341.12				<b>Total Programmable Amount</b>
410,013.88				<b>UNDP/GMS (7%)</b>
6,267,355.00				<b>Grand Total</b>

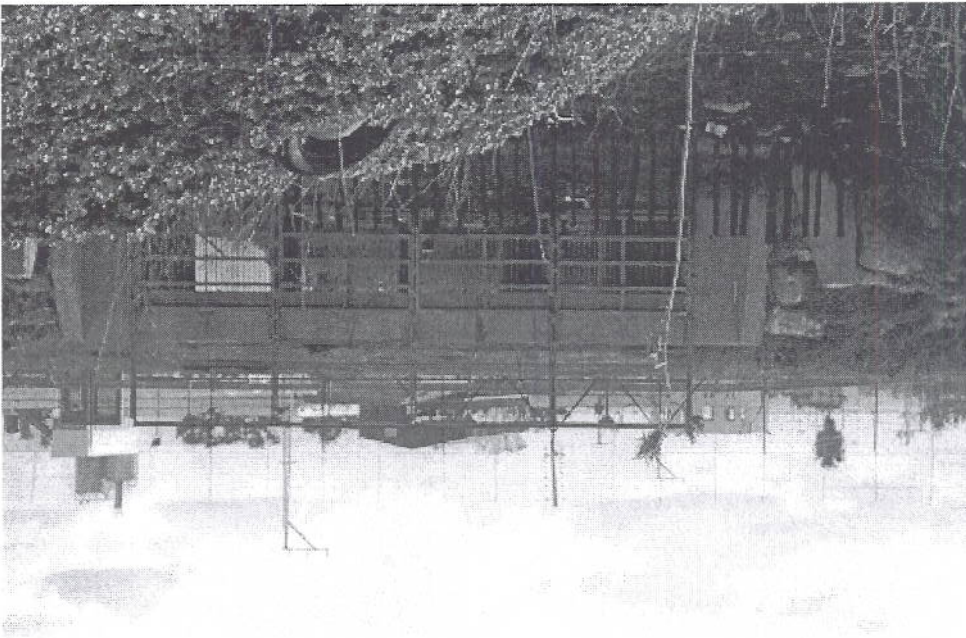
**Pictures**

**Annex IX**

Baga Sharqieh – Wadi on the border

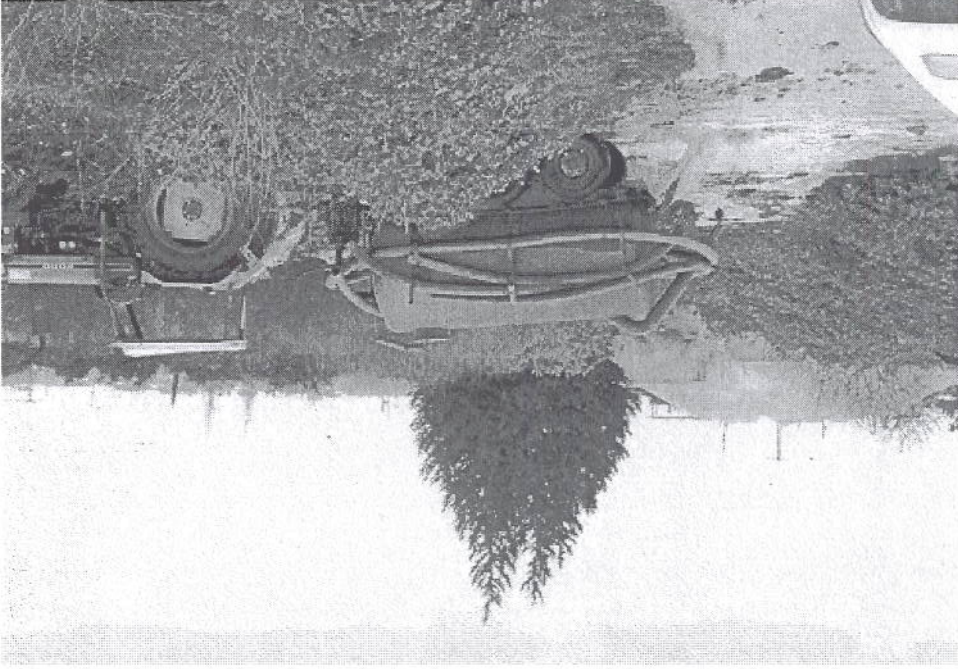


Baga Sharqieh – Location of the conveying line





Habla - Vacuum Tankers



Habla - Untreated wastewater



**Terms of Reference Project Manager**

**Annex X**

Under the guidance and direct supervision of the Programme Analyst, the Programme Manager is responsible for

- Promote peace building through cross boundary wastewater management in the occupied Palestinian Territory.
- Improvement of Solid Waste Management in the occupied Palestinian Territory.
- Upgrading of Water Systems in Jericho and Hebron Cities.

portfolio:

UNDP/PAPP-Jerusalem office invites candidates to apply for the position of Programme Manager for the following

**Background**

External Vacancy/National	<b>Application Type :</b>
Programme Manager	<b>Job ID/Title :</b>
Environment and Natural Capital	<b>Category :</b>
	<b>Brand :</b>
SB 4/4	<b>Post Level :</b>
14-Aug-2009	<b>Application Deadline :</b>
Jerusalem and Ramallah	<b>Duty Station :</b>
Service Contract	<b>Type of Contract :</b>
SB 4/4	<b>Post Number : (for 100 Series Contracts)</b>
Arabic, English	<b>Languages Required :</b>
	<b>Starting Date :</b> (date when the selected candidate is expected to start)
One year	<b>Duration of Initial Contract :</b>
Two years	<b>Expected Duration of Assignment :</b>



day-to-day management and decision making of the above mentioned projects. The Programme Manager analyzes political, social and economic trends and leads formulation, management and evaluation of project activities within his/her portfolio, provides policy, managerial and technical advice services. His/her main responsibility is to ensure that the project(s) produce the results specified in the Annual Work Plan (AWP), to the required standard of quality and within the specified constraints of time and cost; and as identified within the Project(s) Document(s) and criteria and objectives set by the projects.

The Project Manager supervises and leads project support staff, coordinates activities of the projects' staff. The Project Manager works in close collaboration with the Deputy Team Leader, Operation staff, Programme staff in UNDP, and Government officials, technical advisors and experts, multi-lateral and bi-lateral donors and civil society ensuring successful UNDP Project implementation.

The Programme Manager will also support the Environment and Natural Capital in order activities like: identification of new niches of work, creation of concept notes and proposals, development of Project Documents, assistance to working groups, among others.

**Description of Responsibilities**

**Overall project management**

- Manage the production and achievements of the required deliverables.
- Direct and motivate the projects teams, including technical and non technical staff.
- Liaise with the PA to assure overall direction and integrity of the project.
- Ensure the technical and quality standards of the activities are within UNDP Rules and Regulations.
- Ensure the proper management, planning and control of project.
- Ensure the achievement of outputs in line with the approved work plan through the day-to-day planning, management coordination and implementation of activities.
- Ensure the proper management, planning and control of the project.
- Liaise with the counterparts administrative managers on all issues related to the Project (explanation of UNDP and donor requirements, timely reporting, etc.)
- Coordinate with the implementing partners on financial management of the project activities, including monitoring Project financial expenditures and transactions.
- Provide the technical support for the projects and the Natural Capital, including engineering reviews and assists resolution of any arising technical issues.
- Perform other relevant duties as assigned by the PA.

**Project planning**

- Prepare the Annual Work Plans (AWP)
- Prepare project, Stage and, if necessary, Exception Plans in coordination with the PA.
- Review and comment on projects concept papers and proposals in the fields of water resources management and the environment.

## Project monitoring

- Plan and monitor the project through the ATLAS system.
- Manage the risks, including the development of contingency plans.
- Take the responsibility for overall progress and uses of resources and initiate corrective actions when the projects performance varies from the original plan, in coordination with the PA.
- Be responsible for charge control and any required configuration management, in the coordination with the PA.
- Track and review actual projects accomplishments and results to projects plans.

## Project reporting

- Prepare and report to PA through the highlights reports and end stages reports.
- Generate the lesson learned report for review by the PA on a monthly basis.
- Prepare communication plans.
- Prepare bi-annual reports according to UNDP reporting and monitoring guidelines.
- Prepare all financial reports as required by donors.
- Generate all Atlas financial and project reports for review of the PMO on a monthly basis.
- Prepare any follow-up on action recommendations required.

## Portfolio development

- Identify new niches of work.
- Prepare concept notes and proposals as required by the Team Leader.
- Develop Project Documents.
- Assist to working groups like EWASH and others.

## Competencies

### Impact of Results

Proper management of the projects has an impact on the quality and implementation of the project. A client-oriented and efficient approach impact on the image of project and the UNDP. The key results have an impact on the success of project within specific areas of cooperation. In particular, on achieving the success implementation of the project sub-component to reach all project goals and objectives.

## Corporate Competencies

- Demonstrates commitment to UNDP's mission, vision and values.
- Displays cultural, gender, religion, race, nationality and age sensitivity and adaptability

## Knowledge Management and Learning

“ UNDP/PAPP is an equal opportunity employer: applications from men and women will be considered equally”

Arabic and English.

#### Language Requirements:

- Proficiency in utilization of Microsoft Office Software, including Microsoft Project. Experience in utilizing Management Information Systems (MIS), including ATLAS is an asset.
- Knowledge of the West Bank's regulatory and administrative environment and personnel working in the relevant sectors will be a plus.
- Strong organizational and communications skills, including fluency in oral and written English and Arabic.
- Knowledge of UNDP rules, procedures and regulations will be a plus.
- Demonstrated experience working in a team environment and managing projects, including experience in project design, review of projects proposals, supervision, monitoring and evaluation techniques.
- Demonstrated experience working in a team environment and managing projects, including experience in project design, supervision, monitoring and evaluation techniques.
- Minimum 3 years of experience in managing complex and diverse projects in the fields of water, wastewater and solid waste management, including supervising project staff.
- A Master degree or equivalent in Environment, Water, Wastewater Engineering or related fields.

#### Qualifications

- Focuses on result for the client and responds positively to feedback
- Consistently approaches work with energy and a positive, constructive attitude
- Remains calm, in control and good humored even under pressure
- Demonstrates openness to change and ability to manage complexities.

#### Leadership and Self-Management

- Shares knowledge and experience continuing personal learning, acts on learning plan and applies newly acquired skills.