

**United Nations Development Group Iraq Trust Fund**  
**Project 73027:E3-17**  
**Overarching and Individual Agency**  
**Date and Quarter Updated: 1 July -30 September 2010**  
**3<sup>rd</sup> Quarter 2010**

**Participating UN Organisation:** UNDP, UNICEF, UN-HABITAT and WHO      **Sector:** Water and Sanitation/WatSan Sot

**Government of Iraq – Responsible Line Ministry:** Ministry of Municipalities and Public Works (MMPW), Ministry of Environment (MoEnv), Ministry of Municipalities and Tourism –KRG (MMT), Al Anbar Governorate, Suleimaniyah Governorate, and Thi-Qar Governorate .

<b>Title</b>	Water and Sanitation Master Planning and Capacity Building Programme				
<b>Geographic Location</b>	Anbar Governorate Suleimaniyah Governorate Thi-Qar Governorate Three (3) additional Governorates including: Salah Aldeen, Missan and Erbil.				
<b>Project Cost</b>	Total Project Cost is USD 10,057,740  UNDP Project                      Cost USD 3,819,900 UNICEF Project                    Cost USD 3,577,809 UN-HABITAT Project            Cost USD 1,496,434 WHO Project                        Cost USD 1,163,597				
<b>Duration</b>	24 months				
<b>Approval Date</b>	18 Nov 2009	<b>Starting Date</b>	01 Dec 2009	<b>Completion Date</b>	01 Dec 2011
<b>Project Description</b>	<p>The Water and Sanitation Master Planning and Capacity Building Programme consists of a dual approach.</p> <p>The Governorates of Anbar, Suleimanyah and Thi-Qar are benefitting from direct physical and technical interventions leading to the formulation of sector master plans for water and sanitation (WatSan) and solid waste management. Moreover, specialized equipment and machinery shall be procured for the Governorates of Al Anbar, Suleimanyah and Thi-Qar, including water tankers, sewage tankers, jetting vehicles, garbage compactors and garbage collection containers.</p> <p>In addition to the above Governorates, an additional three Governorates (Salah Aldeen, Missan and Erbil) will be provided with capacity building to formulate and update their own master plans to replicate the physical interventions undertaken in Anbar, Suleimanyah and Thi-Qar.</p> <p>Moreover, the programme in all of the six Governorates will be accompanied by:</p> <ul style="list-style-type: none"> <li>• Sanitary inspections of main water resources;</li> <li>• Strengthened capacity building of government staff in sanitary inspections and water quality monitoring through on-the-job training and specialized training programmes;</li> <li>• Awareness campaigns on sanitation and hygiene issues to safeguard public health in the peripheral/high risk areas in the selected Governorates.</li> </ul>				

**Development Goal and Immediate Objectives**

- Outcome 1: Water, wastewater and solid waste sectors management and planning capacities strengthened.

**Outputs, Key activities and Procurement**

<b>Outputs</b>	1.1 Capacity strengthening of MMPW, Governorate Departments and Governors' Offices in six governorates for improved water, waste water and solid waste services and planning. 1.2 Capacity strengthening of MMPW, MoH, MoEnv, Governorate Departments and Governors' Offices in six governorates for improved water quality and personal hygiene.
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<b>Activities</b>	<p>1.1.1 Water and sanitation master plans for Suleimanyah, Anbar and Thi-Qar Governorates formulated jointly with technical departments;</p> <p>1.1.2 Technical capacity of staff developed in three selected and three other Governorates (adjacent ones), with capacity strengthened in master planning areas enabling the monitoring, review and updating to sustain the developed master plans;</p> <p>1.1.3 Provision of water tankers, sewage tankers and jetting vehicles;</p> <p>1.1.4 Comprehensive capacity Assessment of Water and Sewage Authority in Anbar or Thi-Qar Governorate; and development of specific capacities of Water and Sewage Authority Staff in the six Governorates (Anbar, Suleimanyah, Thi-Qar and 3 adjacent Governorates);</p> <p>1.1.5 Solid waste management master plans developed for three governorates;</p> <p>1.1.6 Provision of garbage compactors;</p> <p>1.1.7 Capacity building undertaken related to municipalities and solid waste sector across the three Governorates;</p> <p>1.1.8 Provision of garbage collection containers.</p> <p>1.2.1 Hygiene education, sanitary inspection of water sources conducted, and capacity building on water quality surveillance (building on the ongoing WQ programme) undertaken across three Governorates.</p>
<b>Procurement</b>	<p><u>UNDP</u></p> <ul style="list-style-type: none"> <li>- Consultancy Services for the development of the master plans and capacity building in master planning;</li> <li>- Procurement of water tankers, sewage tankers and jetting vehicles.</li> </ul> <p><u>UNICEF</u></p> <ul style="list-style-type: none"> <li>- Procurement of ten (8-12) tons garbage compactors.</li> </ul> <p><u>UNHABITAT</u></p> <ul style="list-style-type: none"> <li>- Procurement of garbage collectors.</li> </ul> <p><u>WHO</u></p> <ul style="list-style-type: none"> <li>- Portable laboratory equipment for sanitary inspection.</li> </ul>

<b>Funds Committed</b>	<p>UNDP (USD \$0)</p> <p>UNICEF (USD \$1,297,866)</p> <p>UN-Habitat (USD \$65,323)</p> <p>WHO (US\$ 448,233)</p>	<b>% of approved</b>	<p>0%</p> <p>36.3%</p> <p>4%</p> <p>38.5%</p>
<b>Funds Disbursed</b>	<p>UNDP (USD \$81,881.35)</p> <p>UNICEF (USD \$39,613)</p> <p>UN-Habitat (USD \$ 56,488)</p> <p>WHO (US\$ 220,123)</p>		<p>2.14%</p> <p>1.1%</p> <p>4%</p> <p>19%</p>
<b>Forecast final date</b>	January 2012	<b>Delay (months)</b>	0

<b>Direct Beneficiaries</b>	<b>Number of Beneficiaries</b>	<b>% of planned (current status)</b>
Men	Exact locations in Governorates not yet identified as a new project therefore, unknown	Exact locations in Governorates not yet identified as a new project therefore, unknown
Women	Exact locations in Governorates not yet identified as a new project therefore, unknown	Exact locations in Governorates not yet identified as a new project therefore, unknown
Children	Exact locations in Governorates not yet identified as a new project therefore, unknown	Exact locations in Governorates not yet identified as a new project therefore, unknown
IDPs	Exact locations in Governorates not yet identified as a new project therefore, unknown	Exact locations in Governorates not yet identified as a new project therefore, unknown
Others	Exact locations in Governorates not yet identified as a new project therefore, unknown	Exact locations in Governorates not yet identified as a new project therefore, unknown
Indirect beneficiaries	Exact locations in Governorates not yet identified as a new project therefore, unknown	Exact locations in Governorates not yet identified as a new project therefore, unknown
Employment generation (men/women)	Exact locations in Governorates not yet identified as a new project therefore, unknown	Exact locations in Governorates not yet identified as a new project therefore, unknown

Quantitative Achievements Against Objectives and Results				
Breakdown of Responsibility	<p><u>Within the Joint Programme each agency is held responsible for certain activities delineated below;</u></p> <p><u>UNDP</u></p> <ul style="list-style-type: none"> <li>- Support the development of the Water and Sanitation Master Plan, working closely with Local Government;</li> <li>- Strengthen the capacity of Local Government in the formulation of and the updating of Water and Sanitation Master Plans in the Governorates;</li> <li>- Procure water tankers, sewage tankers and jetting vehicles for the three Governorates.</li> </ul> <p><u>UNICEF</u></p> <ul style="list-style-type: none"> <li>- Training of staff from Water and Sewage Authorities on WatSan management;</li> <li>- Development of Solid Waste Master Plans for Anbar, Thi Qar, and Suleimanyah.</li> </ul> <p><u>UNHABITAT</u></p> <ul style="list-style-type: none"> <li>- Enhanced capacities of Municipalities in operational management and maintenance of solid waste management in selected Governorates;</li> <li>- Procurement of garbage collectors for the three selected Governorates; Anbar, Thi-Qar and Suleimanyah.</li> </ul> <p><u>WHO</u></p> <ul style="list-style-type: none"> <li>- Capacity building on water quality surveillance mechanism in the targeted six Governorates;</li> <li>- Raise awareness of population groups in the target Governorates on personal hygiene practices.</li> </ul>			
	UNDP	<p>1.1.1 Water and sanitation master plans for Suleimanyah, Anbar and Thi-Qar Governorates formulated jointly with technical departments</p>	<p>-UNDP has held extensive discussions with the Technical Departments in all three Governorates during 2<sup>nd</sup> Quarter. The discussions were on how to achieve the Master Plans and the different components of the project;</p> <p>-The Technical Departments sent to UNDP critical documents including maps and data on the present Water and Sanitation situation in each of the three Governorates;</p> <p>-UNDP worked on coordination mechanisms within the joint programme and monthly coordination meetings have been established;</p> <p>-UNDP brought to the forefront the importance of a joint monitoring mechanism bringing on board the M&amp;E focal point to support setting up a system with all partners for improved outcome and output monitoring. A template is being prepared.</p> <p>-A Terms of Reference has been developed and is in semi-final draft on the Water and Sanitation Master Plans.</p> <p>-Twenty-seven (27) Expression of Interest (EoI) were received in 2<sup>nd</sup> Quarter for the provision of the consultancy services with fourteen (14) meeting qualification criteria and notified.</p> <p>-The fourteen bidders meeting qualification were contacted during 3<sup>rd</sup> Quarter 2010 on their success with bidding documents made available.</p> <p>-A pre-bid meeting was held on 28 September to discuss Terms of Reference and clarification on the Project scope and timeframe.</p> <p>-Those qualifying during 3<sup>rd</sup> Quarter went into bid preparation for submission in 4<sup>th</sup> Quarter.</p>	<b>% of planned</b>

		<p>-A technical meeting was held at UNDP Iraq Office 27-29 September with the relevant officials representing Thi-Qar and Suleimaniyah Governorates to follow-up and prepare for implementation of the project.</p> <p>-UNDP met the Governor of Al Anbar on 12 September and accompanying officials to discuss the correct implementation of the project.</p>		
	1.1.2 Technical capacity of staff developed in three selected and three other Governorates (adjacent ones), with capacity strengthened in master planning areas enabling the monitoring, review and updating to sustain the developed master plans;	<p>-Discussions initiated with Technical Departments and dialogue will continue on capacity needs and gaps.</p> <p>-Receipt of 27 EoI for the provision of the Capacity Building Activity in formulating and updating of Water and Sanitation Master Plan during the first week of April 2010.</p> <p>-Completion of the technical evaluation of the received pre-qualification bids, upon which 14 consultants have been qualified and notified accordingly.</p> <p>-The ToR for the Capacity Building Activity has been drafted as discussed with the counterparts in each governorate and shared with UNDP's Consultant for final review.</p> <p>-Funding reported as committed in 2<sup>nd</sup> Quarter have been reversed during 3<sup>rd</sup> Quarter to better meet the needs of the Governorates.</p> <p>-The fourteen bidders meeting qualification were contacted during 3<sup>rd</sup> Quarter 2010 on their success with bidding documents made available.</p> <p>-A pre-bid meeting was held on 28 September to discuss Terms of Reference and clarification on capacity development, scope and timeframe.</p> <p>-Those qualifying during 3<sup>rd</sup> Quarter went into bid preparation for submission in 4<sup>th</sup> Quarter.</p> <p>-A technical meeting was held at UNDP Iraq Office 27-29 September with the relevant officials representing Thi-Qar and Suleimaniyah Governorates to follow-up and prepare for implementation of capacity development.</p> <p>-UNDP met the Governor of Al Anbar on 12 September and accompanying officials to discuss the correct implementation of the project.</p>	<b>% of planned</b>	18%
	1.1.3 Provision of water tankers, sewage tankers and jetting vehicles;	Planning initiated and sources are being explored.	<b>% of planned</b>	10%
<b>UNICEF</b>	1.1.4 Comprehensive capacity Assessment of Water and Sewage Authority in Anbar or Thi-Qar Governorate; and development of specific capacities of Water and Sewage Authority Staff in the six Governorates (Anbar, Suleimanyah, Thi-Qar and 3 adjacent Governorates);  Water and sewerage authority have improved capacities in water and sewerage management.	- Comprehensive gap analysis assessment for the Thi-Qar governmental staff in the WatSan Sector has been done by the Directorate General of Human Resources at MMPW Training courses for MMPW staff in Thi-Qar Governorate have been finalized and implementation is underway.	<b>% of planned</b>	20%

	<p>1.1.5 Solid waste management master plans developed for three governorates;</p> <p>Enhanced capacities of municipalities to plan and undertake improved solid waste management in (Anbar, Suleimanyah, Thi-Qar and 3 adjacent Governorates).</p>	<ul style="list-style-type: none"> <li>- Finalization of the bids of the solid waste management master plan for Thiqar, Anbar and Sulaimaniyah were completed and next week the won companies will sign the contracts and move forward in implementation.</li> <li>- RFP of the solid waste management master plan for Erbil will be sent to different companies and finalization of the bids will be completed next month.</li> </ul>	<b>% of planned</b>	20%
	<p>1.1.6 Provision of garbage compactors</p>	<ul style="list-style-type: none"> <li>- Specification for garbage compactors were approved by MMPW (DGM) and procurement process initiated. The supplier will complete shipping the compactors in December 2010</li> </ul>	<b>% of planned</b>	
<b>UN-HABITAT</b>	<p>1.1.7 Capacity building undertaken related to municipalities and solid waste sector across the three Governorates;</p> <p>Enhanced capacities of municipalities in operational management and maintenance of solid waste management in selected governorates.</p>	<ul style="list-style-type: none"> <li>- An agreement has been reached with the International Institutions for Solid Waste Management (ISWA) on the participation of 5 senior managers of SWM from MMPW, MMT and the three selected governorates in the Global Conferences on Urban Development and Sustainability- A major challenge on the Waste Management in the 21<sup>st</sup>. Century, which will take place in mid November 2010.</li> <li>- Discussions with International Institutions for Solid Waste Management started on the ToR and potential agreement to provide training for master trainers on best practices in developing and developed countries on SWM.</li> <li>- It is expected to start the training at the end of the fourth quarter.</li> <li>- The specifications of the garbage containers have been agreed upon with the three governorates and the procurement process will start in the 4<sup>th</sup> quarter.</li> </ul>	<b>% of planned</b>	12%
	<p>1.1.8 Provision of garbage collection containers</p> <p>Procurement of Garbage Collectors for the unicipalities in the three governorates</p>	<ul style="list-style-type: none"> <li>-</li> </ul>	<b>% planned</b>	0%
<b>WHO</b>	<p>1.2.1 Hygiene education, sanitary inspection of water sources conducted, and capacity building on water quality surveillance (building on the ongoing WQ programme) undertaken across three Governorates.</p> <p>MMPW, MoH, MoEnv, Governorate Departments and Governor Officers in six Governorates are able to put in place water quality surveillance mechanism in target Governorates.</p>	<ul style="list-style-type: none"> <li>- Two-day technical meeting was conducted in Erbil during January 2010 with participation of twenty (20) Officials representing MMPW, MoEnv, MMT/KRG with agreement on the implementation work-plan for sanitary inspection, capacity building and water-quality control laboratory needs.</li> <li>- WHO supported DoEnv &amp; DWS/ Suleimaniyah in conducting three (3) training courses on bacteriological analysis for water samples, chemical analysis and water sampling, each training was for 3 days. 46 laboratory technicians from both Departments attended the trainings (42% female). The main objective of the trainings is to enhance the technical capacity of the laboratory technicians in water quality monitoring and analysis techniques.</li> <li>- Preparation is going on to conduct a TOT on “How to Conduct a Sanitary Inspection for Water Facilities”, the TOT will be conducted for 18 Engineers and technicians from Departments of Water and Environment in six governorate namely ( Anbar, Salah Addin, Najaf, ThiQar, Suleimaniya and Dohuk) in</li> </ul>	<b>% of planned</b>	25%

		<p>addition to Baghdad and Erbil. The TOT will be conducted in Amman during Oct 2010.</p> <ul style="list-style-type: none"> <li>- WHO finalized the procurement process of portable water quality analysis laboratory equipment requested by Departments of Environment at Suleimaniyah, Thi-Qar and Anbar. Supplies will be delivered to the said governorate in three months.</li> <li>- Finalized the proposal for sanitary inspection which is going to be implemented in the three selected governorates (Anbar, Suleimaniyah and Thi-Qar), implementation will start during Nov 2010.</li> </ul>		
	Population groups in target governorates are better aware of personal hygiene practices.	- Draft proposal for hygiene awareness campaign has been finalized by MoEnv and shared with WHO for technical and financial review	<b>% of planned</b>	5%

### Qualitative Achievements Against Objectives and Results

- The Kick-Off Meeting for the Project was held on 22 and 23 February 2010 (1<sup>st</sup> Q 2010) in Amman with the participation of all related Ministries in Iraq, Officials from the Governorates and the UN Agencies, during which all agreed on actions, recommendations and the way forward. The three Governorates agreed with the Partner Agencies and formed the Governorate Steering Committees.
- The Technical Departments sent to UNDP critical documents including maps and data on the present Water and Sanitation situation in each of the three Governorates during 2<sup>nd</sup> Q 2010;
- Monthly coordination meetings have been established;
- A joint monitoring and evaluation mechanism is being established;
- The ToR for the consultancy services and the capacity building activity have been drafted as discussed with the counterparts in each Governorate (UNDP);
- As part of the overall objective of the project, RFPs for Solid Waste Master Plans in Anbar, Suleimanyah, and Thi-Qar Governorates were submitted for bidding based on the previous UNICEF experience gained from the implemented of Solid Waste Master plans in Basrah and Duhok (UNICEF).
- Specifications for garbage compactors were approved by MMPW (DGM) and procurement shall be completed in December 2010 (UNICEF).
- Dialogue with the MMPW on identification of training topics and modules initiated (UNICEF).
- In Thi-Qar, the Steering Committee was formed on 15 March 2010. A coordinator has been assigned, Riyadh Awdah Essa, Director of Thi-Qar Sewerage Department (UN-HABITAT).
- The two-day technical meeting in 1st Quarter 2010 achieved its main goal, to reach agreement on a practical implementation work plan for sanitary inspection, capacity building and hygiene awareness (WHO).
- The three training courses conducted at Suleimaniyah for laboratory technicians achieved its results through the enhancement of the knowledge and the capacity of the laboratory staff. (WHO).

### Main Implementation Constraints and Challenges

The gap between the signing of the project agreement document and transfer of funds has delayed the start of the project.

Coordination between the multiple UN Agencies poses a challenge. Lessons learned, from other joint projects have shown that multi-agency coordination and joint planning can delay the project on the ground. All efforts are being made to stay on schedule.

Building communication, trust and partnerships in multiple Governorates is taking time.

The draw-down of the American Troops in August 2010 could pose significant issues for this project as all the initial Governorates are red-zone areas, which affect both the housing and movement of United Nations staff.

An additional challenge is the delay in the formation of the Government, which could compound the situation and pose constraints and challenges. This could also affect the release and amount of annual budget.