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Quarterly Report April – June 2007

Livelihood and Income from the Environment Program
Lead Pollution Clean-up in Qalyoubia

July 26, 2007

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LEAD POLLUTION CLEAN-UP IN QALYOUBIA**QUARTERLY PROGRESS REPORT
APRIL THROUGH JUNE 2007****INTRODUCTION**

The Lead Pollution Clean-up in Qalyoubia project was initiated on August 18, 2004 through GSA Contract No. GS-10F-0273L, Task Order No. 263-M-00-04-00029-00. The project is funded by the United States Agency for International Development (USAID) under the Livelihood and Income from the Environment Program (LIFE). The original contract completion date for the project was August 17, 2006. The project has received two extensions. The first extension was from August 17, 2006 through March 31, 2007. The second extension was signed in last March 2007 and is for 9 months beginning on April 1, 2007 and ending on December 31, 2007.

The project currently includes the remediation of seven secondary lead smelters, two schools, and a medical center in the Shoubra El Kheima area of the Governorate of Qalyoubia (GOQ) as shown on Figure 1. It is being expanded to include the oversight of the remediation of the Arab Contractors' Battery Assembly Facility and the Sayed Hussein Copper Smelter. The project is also investigating 20 flour mills to determine possible sources of contamination during the refining process.

The Shoubra El Kheima area is highly industrialized and lead contamination has a significant impact on the human health and environment of the area. The remediation of these seven secondary lead smelters had a significant and positive impact on the environmental health of the residents of Shoubra El Kheima.

The project consists of two primary activities which are subsequently divided into tasks and subtasks that further define the work to be accomplished. Activity 1 includes the technical work required to complete site remediation activities. Activity 2 provides the community awareness and communications support for the technical activities and is intended to raise the awareness of the community pertaining to environmental issues from industrial facilities.

Table 1 provides a summary of project activities through the end of June 2007. It includes the progress made on the task to date as well as specific comments associated with project tasks. Not all project activities have been initiated. If they are to occur in the next quarter, the comments section provides a description of future activities.

Tables 2 and 3 are related to the Project Monitoring Plan (PMP) developed by the project team in association with USAID. Table 2 provides a summary of the PMP Output Indicators while Table 3 summarizes the PMP established project milestones.

PROJECT ACTIVITIES SUMMARY

The following lists the major activities undertaken during the period of April through June 2007:

- The Industrial Relocation Protocol between the GOQ and the Egyptian Federation of Industries was signed on June 27, 2007. The protocol sets in motion the relocation of smelters in Shoubra El Kheima to the Al Safa Industrial Zone.
- The draft Remediation Guidelines were reviewed in a work shop on May 28 and 29, 2007. Representatives from the GOQ, EEAA, Ministry of Health and Population,

Ministry of Industry, Ministry of Housing, the Federation of Egyptian Industries, and the private sector participated in the work shop.

- An inauguration event for the reopening of the Kablat Medical Center following remediation and rehabilitation of the facility was held on May 8, 2007.
- Agreements were signed for both the Sayed Hussein Copper Smelter and the Arab Contractors' Battery Assembly Facility and, the GOQ and LIFE-Lead for the remediation of the facilities.
- A meeting was held with EEAA to discuss proposed changes to the Environmental Law (Law 4/1994) that would allow for the enforcement of remediation actions against polluting industries.

CHALLENGES AND ISSUES

1. Industrial smelters located near the El Shahid Ahmed Shaalan and Delta Solb Schools continue to operate. The signing of the agreement between the GOQ and the Egyptian Federation of Industries should help to reduce the amount of pollution being emitted by industries in Shoubra El Kheima. The EEAA has meet with Delta Solb Factory and they are in the process of changing their fuel source which will reduce emissions. However, particulate emissions from the smelting process are still high and needs to be addressed. This has been discussed with EEAA and they hav agreed to address this issue with the Delta Solb Factory.
2. The schools that have been remediated are not being properly cleaned or maintained. This is a concern of the project as many of the factories in the area continue to operate and have a negative impact on the environment of the school. The project is currently working with the staff of the school as well as the GOQ administrative managers to improve cleaning and maintenance. The project conducted a cleaning competition between the schools to improve their condition during the quarter. The competition resulted in cleaner schools. The project will continue to monitor the condition of the schools throughout the remainder of the project.
3. The streets surrounding the schools, medical center, and the smelters need to be paved. The lead contaminated soil and dust continue to be potential sources of exposure to the residents of the area. The exposure is evident in the results of the draft Blood Lead Level Survey.

PROJECT FINANCIAL SUMMARY

The financial tables below reflect the funding levels after the receipt of the first Extension Modification. The tables have been modified to reflect the new obligated and total contract funding.

Table 1: U.S. Dollars (\$)

Current Obligated Funding	\$3,490,125
Total Contract Amount	\$3,490,125
Expenditures for April through June 2007	\$ 374,968
Cumulative Expenditures through June 2007	\$2,589,709
Remaining Unexpended Balance – Obligated Funds	\$ 900,416
Remaining Unexpended Balance – Contract Total	\$ 900,416

Table 2: Egyptian Pounds (LE)

Current Obligated Funding	LE 34,557,760
Total Contract Amount	LE 34,557,760
Expenditures for April through June 2007	LE 2,278,580
Cumulative Expenditures through June 2007	LE 28,120,971
Remaining Unexpended Balance – Obligated Funds	LE 6,436,759
Remaining Unexpended Balance – Contract Total	LE 6,436,759

MAJOR MEETINGS

Several technical, community, and stakeholder meetings were held during the reporting period. The major meetings are listed and described below.

Scoping Session for the Kablat Primary School

The Scoping Session was held on April 3, 2007 in the Shoubra El Kheima City Council Main Hall. Presentations and comments at the meeting were in Arabic. Comments and statements by the participants were recorded. A Scoping Comments Form was provided to allow participants an opportunity to comment in writing if they were reluctant to provide verbal comments. The meeting also introduced the attendees to the potential environmental issues that would be addressed in the EA. During the meeting, a number of issues were raised, including the need for further structural analysis of the school. The structural analysis concern was addressed following the Scoping Session and a decision was made to forego remediation of the school unless the Ministry of Education would agree to allow the project to demolish one of the buildings. Forty-one (41) males and 21 females attended this session.

Meeting with Qalyoubia Governor

LIFE-Lead met with the Qalyoubia Governor to update him on the latest achievements of the project and planned activities. The meeting was held on April 4, 2007. The Governor set May 9, 2007 as the date for the reopening of the Kablat Medical.

The relocation agreement between the Governorate and the Egyptian Federation of Industries was discussed. He appreciated and stressed the importance of assisting the local administrative body of the Al Safa Industrial Area to formulate an efficient environmental management system to guarantee an environmentally sound future for this industrial area. The Governor was briefed on the situation at Delta Solb Factory. The Factory continues to pollute the remediated project sites due to process emissions. He approved a joint committee of the EEAA and the Governorate to visit the company to inspect its operations and decide on actions to be taken.

Kablat Medical Center Inauguration

After the completion of the remediation on May 8, 2007, LIFE-Lead held an inauguration celebration for the Kablat Medical Center. All stakeholders were invited to the inauguration and the celebration started with the cutting of ribbon and revealing the marble plaques at the entrance. Following the ribbon cutting, LIFE-Lead and Takamol projects representatives presented the main activities implemented to remediate, rehabilitate, and refurbish the medical center.

Dr. Gamal Moawad, the medical center's manager led a walkthrough of the center's different treatment rooms where the ministers, dignitaries, and VIPs meet with physicians, nurses, and patients of the medical center. The tour also included a visit to the family club room where the ministers, dignitaries, and VIPs watched part of the educational performance regularly presented to

the center's clients including puppet and video shows prepared by LIFE-Lead.

Counselor Adly Hussein, Governor of Qalyoubia, Dr. Maged George, Minister of State for Environmental Affairs, Mr. John Groarke, USAID Mission Deputy Director, Mr. Mohammad Abu-Nar, COP of the Takamol Project, and Mr. Kirk Ellis, COP of the LIFE-Lead Project were the Key speakers at this event. The celebration ended by distribution of prizes to the winning schools and children of the environmental competition organized by LIFE-Lead. One hundred five (105) males and 62 females attended the celebration.

Remediation Guidelines Review Workshop

LIFE-Lead held a workshop for concerned stakeholders to review the final draft of the Remediation Guidelines and to receive their comments prior to production of the final version. The workshop was held on May 28 and 29, 2007. Eleven (11) males and 8 females attended this workshop. Attendees were from EEAA, the Ministry of Health and Population, the Ministry of Industry, the Federation of Egyptian Industries, and the private sector. Comments were received from participants and incorporated into the final version of the Remediation Guidelines.

Meeting to Sign the Industrial Relocation Protocol

Counselor Adly Hussein, Governor of Qalyoubia, Dr. Mawaheb Abou El Azm, CEO of the Egyptian Environmental Affairs Agency (EEAA), Eng. Amr Assal, Head of the Industrial Development Authority (IDA), and Eng. Rashed Tawakkol, Head of the Smelters Chamber of the Federation of Egyptian Industries (FEI), met to sign the Cooperation and Coordination Protocol to Relocate Shoubra El Kheima Smelters to the Al Safa Industrial Zone in Abu Zaabal on Wednesday June 27, 2007 at the Shoubra El Kheima City Council. The main purpose of this protocol was to ensure cooperation and coordination to achieve a collective and organized relocation of industrial smelters, with defined deadlines, from Shoubra El Kheima to the Al Safa Industrial Zone. Forty-seven (47) males and 10 females attended the meeting.

Meetings to Introduce Changes and Modifications to Law 4

Meetings with several relevant departments of the EEAA were organized to discuss the sustainability recommendations prepared by the project. These recommendations focused on the legal and institutional requirements to incorporate remediation activities into existing Egyptian laws and to identify responsibilities for different partners that will take active roles in this process. The expected outcome of this series of meetings is to present language needed to modify existing legal statements or provide language to be added to Law 4 and its Executive regulations. During the meeting, the EEAA requested assistance in the development of a remediation institutional setup.

TRAINING SEMINARS AND WORKSHOPS

The following seminars and workshops were conducted during the reporting period:

Schools Competition

As part of its communication activities to raise the awareness of the community and assist local community organizations in planning and implementing activities that address community members, LIFE-Lead supervised the organization of a schools competition. The schools competition had three sections: an Environmental Information Competition, a Best Environmental Activities Exhibition, and a Best School for Environmental Conservation. Five Shoubra El Kheima Schools and the Bahteem Cultural Center participated in these

competitions. The competition evaluation committee included members from: EEAA, the Shoubra El Kheima Education Directorate, East Shoubra El Kheima District, media representatives, and LIFE-Lead staff. The competition was held during April 2007.

The winning teams were honored and given their prizes during the Kablat Medical Center Inauguration. One hundred eight (108) students and 18 teachers (51 females and 75 males) participated in the competition.

Awareness and Planning Event for the-Kablat Medical Center Staff

LIFE-Lead held a workshop for the staff of the Kablat Medical Center to plan for the maintenance and cleaning needed at the center. The meeting was held on June 14, 2007. Fifteen (15) males and 28 females attended the workshop. The Medical center staff at the end of this event prepared a Center Maintenance Plan.

Puppet Show for Children at the Shoubra El Kheima Public Library

The first presentation of the puppet show for children, which is a communication tool that aims at raising children's awareness about the industrial pollution problems in their area, took place at the Shoubra El Kheima Public Library on June 21, 2007. Seventeen (17) males and 37 females attended the show.

Workshops and Meetings for the Muslim Religious Leaders

LIFE-Lead conducted a workshop for the Muslim religious leaders in Shoubra El Kheima. The purpose of the workshop was to monitor how the Muslim religious leaders of the area are communicating the project messages to local residents. The workshops aimed to modify the plan for religious leaders to disseminate required messages to the population of the area and to inform them of the proper means of protecting themselves and their families from the harmful effects of lead pollution. LIFE-Lead provided the Sheikhs with brochures and video clips of the remediation process to give them the information needed for their work. At the end of the workshop, a plan was updated to allow the outreach workers to conduct public awareness sessions at the mosques. The workshop was conducted on June 25, 2007 and was attended by 32 people.

On-going Activities of Outreach Workers

Seminars at the Kablat Medical Center by LIFE-Lead Outreach Workers--

LIFE-Lead outreach workers conducted awareness seminars at the center after the orientation session by LIFE-Lead. The awareness seminars inform the visitors of the center about industrial pollution in the area of Shoubra El-Kheima and means of protection from it. The seminars are conducted twice a week. During this quarter, the outreach workers conducted 17 seminars attended by 358 females.

Awareness Seminar at the Delta-Solb and Metwally El-Shaarawy Schools--

The purpose of the seminars was to inform the students about the health and environmental hazards of heavy metals and means of prevention and protection from exposure to them. Twelve (12) seminars were conducted at the schools. A total of 727 students attended these seminars: 694 males and 33 females.

Seminars at the Bahteem Cultural Center

During this quarter, the Bahteem Cultural Center conducted 17 seminars for its visitors: 9 seminars for school children, 1 for World Environmental Day participants, and 7 seminars for the students of the High Institute for Social Services. The Center's staff includes messages that explain the hazards of heavy metal pollution and means of protection from the hazards in these seminars. Seven hundred thirty-five students and visitors attended these seminars: 310 males and 425 females.

GENDER ACTIVITIES

The project's focus on gender is consistent with the goals of USAID. A gender plan was initiated to identify the work plan tasks that have or could include gender specific activities. The overall project objective is focused on improving public health in the community, especially the health of women and children.

Activity 1 is the technical component of the project. Short listed contractors for the remediation of the contaminated properties were encouraged to include women on their project teams.

Activity 2 focuses on community participation with an emphasis on working with women and children to improve public health and environmental conditions in their homes and community. Women and children at the pre-school and school ages are the most vulnerable groups to lead contamination. During this quarter, a significant percentage of females, 1,101 out of 2,566, attended the communication and local mobilization events.

Figure 1: Study Area

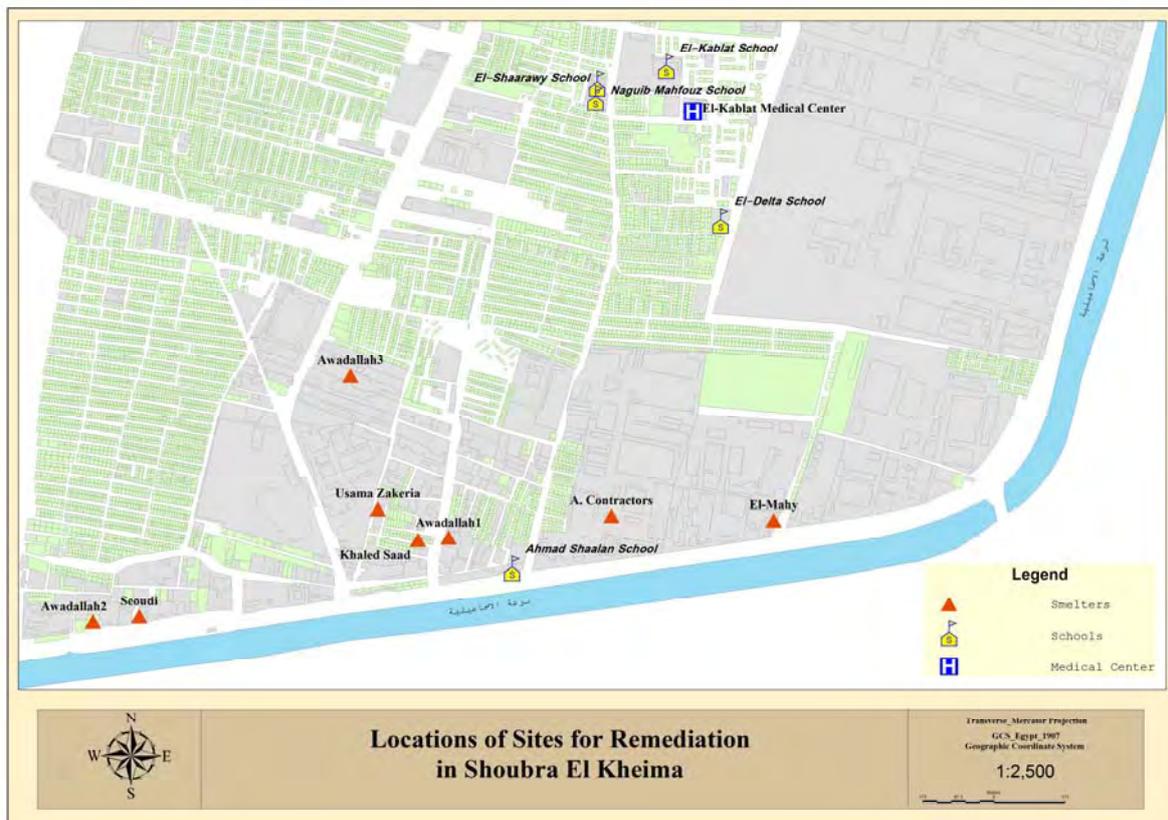


TABLE 1: SUMMARY OF PROJECT ACTIVITIES –2nd Quarter 2007

Activities, Tasks and Work Plan Schedule	Subtask/Descriptions	Percent Complete	Comments
1. Lead Smelter and Foundry Remediation			
1.1	Site Characterization and Risk Assessment (September 2005 - March 2007)	<ol style="list-style-type: none"> <li>1. Update GIS maps and turn over to EEAA and the GOQ. 90 <li>2. Evaluate the need for a blood lead level survey and conduct if applicable. 85 <li>3. Prepare Site Characterization Reports for the El Shahid Ahmed Shaalan School, and the El Mahy, Seoudi, the three Awadallah Secondary Lead Smelters, the Delta Solb School, the Kablat Medical Center, the Kablat School, and the Osama Zakaria and Khaled Saad Secondary Lead Smelters. 100 <li>4. Prepare Site Characterization Reports for the Arab Contractors' Battery Assembly Facility and the Sayed Hussein Copper Smelter. 85 <li>5. Survey industries surrounding the four schools in the project area to identify industrial pollutants of 100 	<ol style="list-style-type: none"> <li>1. The project met with the USAID GIS staff member to obtain updated GIS maps of the rural areas in Qalyoubia. These maps were used to identify the locations of flour mills to be sampled by the project. <li>2. The field portion of the survey was completed in March 2007. The analysis of the data is complete and the draft report has been reviewed. The final report will be completed in August 2007. <li>4. The field work was conducted during the quarter and the reports will be finalized in July 2007. <li>5. This task has been completed and the primary industries have been identified as those that require

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Activities, Tasks and Work Plan Schedule		Subtask/Descriptions	Percent Complete	Comments
		concern.		relocation based on the protocol signed by the GOQ and the Egyptian Federation of Industries.
		6. Characterization of 20 flour mills.	50	6. The field work began in June 2007 and will be completed in July. Laboratory analyses should be completed in late July and the characterization report will be completed in August 2007.
		7. Perform baseline health risk assessments for the Arab Contractors and Sayed Hussein sites.	40	7. The assessments began in late June 2007 and will be completed in July 2007.
1.2	Site Prioritization (December 2004 – June 2006)		100	The site prioritization for all remediation activities has been finalized.
1.3	Definition of Baselines for Monitoring and Evaluation, and Development of PMP (October 2004 – December 2004)		100	The PMP was updated in June 2007 to reflect the changes of the Extension II Period Work Plan.
1.4	Environmental Assessment (October 2005 - January 2006)	1. Complete and submit an EA/EIAs for the three Awadallah, the El Mahy, and the Seoudi Secondary Lead Smelters, the El Shahid Ahmed Shaalan School, the Delta Solb School, the Kablat Medical Center, and the Osama Zakaria and Khaled Saad Secondary Lead	100	

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		Smelters to USAID and EEAA.		
		2. Complete and submit an EIA for the Arab Contractors' Battery Assembly Facility and an EA/EIA for and the Sayed Hussein Copper Smelter.	60	2. The EA/EIA for the Arab Contractors and Sayed Hussein sites will be submitted in August or September 2007..
		3. Develop Environmental Management Plans for each of the smelters during remediation.	90	3. Environmental Management Plans are submitted by the remediation contractors prior to the start of remediation activities.
1.5	Technical Capacity Building (January 2006 - March 2007)	1. Increase the involvement of EEAA and the GOQ in remediation activities.	75	1. The percent complete has been adjusted to reflect the involvement of the EEAA and the GOQ in the future remediation of the Arab Contractors and Sayed Hussein sites.
		2. Supplemental training for short-listed contractors.	100	
		3. Health and Safety and Remediation Short Course for engineers and consulting firms.	100	
		4. Assist EEAA and Arab Contractors in the development of the Battery Assembly Facility remediation design and during remediation.	15	4. The design has been initiated and Arab Contractors has been requested to send their engineers to participate in the design.
		5. Provide recordkeeping and health and safety training to the Alexandria	NI	5. This training will be held in September 2007.

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Activities, Tasks and Work Plan Schedule		Subtask/Descriptions	Percent Complete	Comments
		Hazardous Waste Landfill. 6. Assist Alexandria University with the development of remediation curriculum. 7. Provide Health Risk Assessment Development Training to EEAA and engineering consulting firms.	10 NI	6. The workshop will be held during the week of August 12, 2007. The draft agenda has been developed and agreed upon.
1.6	Institutional and Legal Support (September 2005 – March 2007)	1. Establish and develop a Sustainability and Institutionalization Working Group. 2. Address gaps in existing Egyptian Environmental Laws pertaining to HWM. 3. Provide policy development and enforcement training.	75 65 30	1. Meetings with subgroups were held during the quarter. 2. A meeting was held to discuss the proposed changes in Law 4/1994 and its executive regulations about how they would impact remediation of contaminated sites. A thorough review of the laws has been completed and the information is being reviewed for inclusion in the Remediation Guidelines Work Shop. This task completion percentage has been adjusted to reflect the additional work required in Extension II. 3. The policy development and enforcement training will be conducted in coordination with the presentation of the remediation guidelines.

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Activities, Tasks and Work Plan Schedule	Subtask/Descriptions	Percent Complete	Comments
	4. Recommend revisions to existing HW laws and regulations.	100	5. The recovery of funds was discussed during the quarter as the EEAA has been asked to provide oversight of the remediation of a lead smelter formerly operated by Arab Contractors. This will allow EEAA to establish an estimate of the costs associated with remediation oversight. 6. The protocol for the relocation of smelters in Shoubra El Kheima to the Al Safa Industrial Zone has been signed by the GOQ and the Egyptian Federation of Industries.
	5. Investigate methods with EEAA to recover the oversight costs associated with remediation of contaminated sites.	90	
	6. Provide assistance to the GOE's industrial facility relocation program.	100	
	7. Develop technical memorandum on the future of remediation in Egypt.	NI	
	8. Evaluate the capacity of the EEAA Central Laboratory to conduct analyses required for remediation.	NI	
	9. Develop a range of costs for the remediation of smelters in Shoubra El Kheima.	NI	
	10. Develop an Environmental Management Plan for the Al Safa Industrial Zone.	15	10. Initial meetings have been held with the Al Safa Board of Directors to discuss the requirements of the EMP.

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Activities, Tasks and Work Plan Schedule	Subtask/Descriptions	Percent Complete	Comments	
1.7	Identification of Remediation Options (November 2005 – July 2006)	1. Report describing the remediation alternatives investigated. 100 2. Develop a Treatability and Stabilization Report for contaminated soil. 100 3. Evaluate the effectiveness and feasibility of each remediation alternative. 100 4. Present final remediation designs for the smelters to the USAID, EEAA, GOQ, and smelter owners. 100 5. Train laboratories on the proper procedure to conduct TCLP testing. 100 Deliverable: <ul style="list-style-type: none"> • Report identifying remediation options 	100 100 100 100 100	The remediation options were presented in the EA Report and the bid packages for all sites remediated and to be remediated.
1.8	Financial and Legal Support (September 2005 – August 2006)	1. Evaluation of the cost effectiveness of technical alternatives. 2. Conduct of a cost-benefit analysis for the project.	100 90	2. A draft Economic Cost- Benefit Analysis was transmitted to USAID and EEAA for review. The report is being finalized using data obtained from the

TABLE 1: SUMMARY OF PROJECT ACTIVITIES –2nd Quarter 2007

Activities, Tasks and Work Plan Schedule	Subtask/Descriptions	Percent Complete	Comments
		20	<p>3. The remediation designs, technical specifications, project drawings, and bid packages are being developed for Arab Contractors and Sayed Hussein sites and will be completed in September 2007.</p> <p>The Remediation Plan/Design was presented in the Request for Bid for each of the facilities except the Arab Contractors and Sayed Hussein sites which will be completed in September 2007.</p>

TABLE 1: SUMMARY OF PROJECT ACTIVITIES –2nd Quarter 2007

Activities, Tasks and Work Plan Schedule		Subtask/Descriptions	Percent Complete	Comments
1.10	Provide Health and Safety Training (September 2005 – September 2006)	1. Provide Health and Safety Training to short-listed Contractors.	100	
		2. Provide Health and Safety Training to engineers, university staff and consulting firms.	100	
1.11	Bid Process and Contractor Selection (July 2005 – October 2006)	1. Develop bid documents for the smelters.	85	1. The bid documents for all facilities remediated except the Arab Contractors and Sayed Hussein sites are complete. The percent complete was adjusted downward to reflect the addition of the two Extension II sites for remediation.
		2. Review bids with technical evaluation committee.	85	2. The percent complete was adjusted downward to reflect the addition of the two Extension II sites for remediation.
		3. Organize site visits for bidders.	85	3. The percent complete was adjusted downward to reflect the addition of the two Extension II sites for remediation.
1.12	Remediation and Construction Management (January 2006 – February 2007)	1. Oversee the day-to-day activities of the contractor.	90	The subtasks in this task will be completed as a function of the remediation construction oversight for the facilities included in the Extension II Period to be remediated.
		2. Evaluate contractor chain-of-custody procedures.	90	
		3. Monitor contractor compliance with H&S.	90	
		4. Review contractor weekly reports.	90	
		5. Report on work discrepancies per contract.	90	
		6. Review of contractor invoices.	90	

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Activities, Tasks and Work Plan Schedule		Subtask/Descriptions	Percent Complete	Comments
		7. Prepare and approve contract change orders.	90	
		8. Clearance sampling following remediation.	90	
1.13	Finalization of Remediation Guidelines (June 2006 – January 2007)	1. Evaluate and revise draft remediation guidelines.	85	1. The English version of the guidelines is being mocked up for printing and the Arabic version is being finalized.
		2. Initiate and manage small working groups to review draft guidelines.	100	2. The working group meet on May 28 and 29, 2007 and provided comments on the draft guidelines.
		3. Present workshop on final remediation guidelines.	NI	3. The final guidelines workshops will be conducted in late October and early November 2007.
		Deliverable: • Final Remediation Guidelines		
1.14	Project Monitoring and Evaluation (September 2005 – March 2007)	1. Develop M&E tools such as GIS and data-tracking software.	70	1. GIS information was updated using data available from USAID to cover the rural areas of Qalyoubia where the flour mills were located.
		2. Train partners on tools and processes for the refining of the M&E system.	NI	2. EEAA has been requested to provide counterparts for the agency. The training will occur when partners have been identified by EEAA. There appears to be no interest in EEAA for M&E training as they do not have staff equipped to participate in the training.
		3. Provided final technical and community participation data for M&E.	NI	

TABLE 1: SUMMARY OF PROJECT ACTIVITIES –2nd Quarter 2007

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Activities, Tasks and Work Plan Schedule		Subtask/Descriptions	Percent Complete	Comments
2. Community Participation and Local Governrance				
2.1	Community Participation and Awareness Campaign (September 2006 – March 2007)	<ol style="list-style-type: none"> 1. Subtask 2.1.1: Community Participation, Awareness, and Communications Strategy. 2. Subtask 2.1.2: Community Awareness Activities. 	<p>95</p> <p>90</p>	<p>2. During this quarter, the project continued the development of communication and education methods, tools, and materials to educate partners, site owners, students, school teachers and local residents about the risks of lead and heavy metal contamination taking into consideration the different media to address the concerns of men, women, and children. Produced five roll-over posters illustrating communication efforts, the stages of the Kablat Medical Center remediation process, and the medical center before and after remediation. The puppet show was finalized and conducted twice during this quarter.</p> <p>The materials for the School competitions were prepared and used during the implementation of the completion in April 2007. These materials included the shields, cups, certificates, list of questions and banners.</p>

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		3. Subtask 2.1.3: Community Participation Activities.	90	3. During this quarter, several community participation activities were implemented. The activities included the following: cooperation with ICS and the Shoubra El Kheima Public Library for the establishment of the Industrial Pollution Information Desk; organized a three schools environmental competition which was conducted in April and attended by 108 students and 18 teachers; held an inauguration celebration for the reopening of the Kablat Medical Center on May 8, 2007 with 105 males and 62 females in attendance; conducted a workshop for the staff of the-Kablat Medical Center to plan for the maintenance needed to maintain cleanliness in the center which was attended by 43 staff members; presentation of the Environmental Puppet Show attended by 37 children at the Shoubra El Kheima Public Library; conducted an environmental awareness session for the Shoubra El Kheima East District Pharmacists on June 24, 2007 which was attended by 18 males and 10 females; and conducted workshops and meetings for the Muslim Religious Leaders attended by 32 people.

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Activities, Tasks and Work Plan Schedule		Subtask/Descriptions	Percent Complete	Comments
				<p>LIFE-Lead outreach workers conducted 29 awareness seminars at the Kablat Medical Center, and the Delta Solb and Metwally El Shaarawy Schools, 1,085 people attended these seminars during this quarter.</p> <p>The Bahteem Cultural Center continued to present the hazards of heavy metal pollution and the means of protection to its visitors through the seminars it conducts. Seven hundred thirty-five students and visitors attended these seminars: 310 males and 425 females.</p>
		4. Subtask 2.1.4: Coordination and Collaboration with Counterparts.	90	4. The LIFE-Lead and TAKAMOL projects continued to coordinate activities at the Kablat Medical Center during the quarter. The remediation and rehabilitation activities were completed and the reopening inauguration was held on May 8, 2007.
		5. Subtask 2.1.5: Conduct a Final Knowledge, Attitude, and Practices Study.	NI	5. The Final KAP activities will be initiated in July 2007 and the final report is anticipated to be completed in October 2007.
		6. Subtask 2.1.6: Documentation of Project Activities and Success Stories.	65	6. On-going documentation for the Kablat Medical Center during and after the remediation activities. National Media

TABLE 1: SUMMARY OF PROJECT ACTIVITIES –2nd Quarter 2007

Activities, Tasks and Work Plan Schedule	Subtask/Descriptions	Percent Complete	Comments
			<p>Channels were invited to attend the Kablat School Scoping Session, the reopening inauguration of the Kablat Medical Center, and the signing of the Cooperation and Coordination Protocol to Relocate Shoubra El Kheima Smelters to Al Safa Industrial Zone in Abu Zaabal. More than 30 newspaper and magazine articles and approximately 10 TV and radio programs covered these events. The project participated in "Maser Bettqadiem Benac Campaign". It's a national campaign planned and implemented by Egyptian Government to highlight the best achievements of the Government of Egypt. The EEAA film includes Life-Lead project and its activities as a big achievement for environmental sector.</p> <p>The project is currently preparing approximately 10 success stories that will be completed during the next quarter.</p> <p>The Communication Strategy for Public Participation was submitted to USAID on December 22, 2005.</p>
	<p>Deliverables:</p> <p>Communication Strategy for Public Participation</p>		

TABLE 1: SUMMARY OF PROJECT ACTIVITIES –2nd Quarter 2007

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Activities, Tasks and Work Plan Schedule		Subtask/Descriptions	Percent Complete	Comments
		Summary memoranda reporting on the outcome of the public meetings.		Summary reports are sent to project management, USAID, and EEAA on a periodic basis.
2.2	Public Meetings and Involvement in Environmental Impact Assessment (January 2005 – August 2006)	<p>1. Conduct Environmental Assessment Scoping Meeting for the Delta Solb Preparatory School, the El Kablat Medical Center, and the Osama Zakaria and Khaled Saad Secondary Lead Smelters..</p> <p>2. Conduct Environmental Assessment Scoping Meeting for the Kablat Primary School and the Sayed Hussein Copper Smelter.</p>	<p>100</p> <p>50</p>	<p>2. The Kablat Primary School Scoping Session was held on April 3, 2007 in the Shoubra El Kheima City Council Main Hall. Forty-one males and 21 females attended this session. The copper smelter session will be held in the next quarter.</p>
2.3	Project Monitoring and Evaluation (October 2004 – March 2007)		100	All activities were completed during Year 1 of the project. The remaining activities will be conducted as part of Task 1.14.

** NI – Not Initiated

TABLE 2: PMP SUMMARY – OUTPUT INDICATORS

Objective/Results		Output Indicator	Status	Comments
1. Lead pollution hazards reduced for the population of Shoubra El Kheima.				
1.1	Reduced lead health exposure pathways at selected sites/locations.	<ul style="list-style-type: none"> Nature and extent of contamination and hazards at selected sites/locations. EEAA agreement on lead remediation action and clean up levels. Clearance sampling completed for selected sites/locations. 	<p>Complete</p> <p>Complete</p> <p>In Progress</p>	<p>The baseline characterizations indicate high lead concentration in the school and the five smelters.</p> <p>The lead remediation action level was set at 500 mg/kg. Clean-up levels will be based on a Health Risk Assessment conducted for each site.</p> <p>The clearance sampling has been completed for the El Shahid Ahmed Shaalan School and the Seoudi, El Mahy, Awadallah, Osama Zakaria, and Khaled Saad Secondary Lead Smelters, the Delta Solb School, and the Kablat Medical Center.</p>
1.2	Increased property values in the areas surrounding the smelters.	<ul style="list-style-type: none"> Results of financial and economic assessments. 	In Progress	The cost benefit analysis is being conducted for the project. It will include health and property benefits caused by the project. The draft report is being updated to include the results of the Blood Lead Level Survey..
1.3	Initiation of contaminated site remediation businesses.	<ul style="list-style-type: none"> No. of firms submitting for pre-qualification. 	Complete	Nine firms submitted Statements of Qualification and seven firms were selected (short listed) for training and bidding on the remediation projects.

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Objective/Results		Output Indicator	Status	Comments
		<ul style="list-style-type: none"> No. of individuals trained (gender disaggregated). 	Complete	The training was completed in April 2005. There were 42 men and 5 women, and 470 total person training days.
2. Residents successfully advocating for environmental improvement.				
2.1	Increased community participation in environmental health issues caused by local industry.	<ul style="list-style-type: none"> No. and type of household awareness activities. No. and type of school awareness activities. No. and type of CDA, NGO, and private sector community participation activities. Community Industrial Information Desk established. 	In Progress In Progress In Progress In Progress	These tasks are on-going and will be completed in the final quarter of the project. A description of the activities conducted during the quarter is provided in Table 1.
2.2	Industry and decision makers increased awareness of community roles and responsibilities in addressing environmental health hazards caused by local industry.	<ul style="list-style-type: none"> No. and type of awareness activities addressing industry and decision makers. 	In Progress	Significant progress was made during the quarter with the signing of the smelter relocation protocol between the GOQ and the Egyptian Federation of Industries.
2.3	Stakeholders participate in decision making regarding the mitigation of environmental hazards.	<ul style="list-style-type: none"> Mechanisms for public participation identified and operationalized. 	In Progress	Public participation activities are on-going throughout the project and will be completed during the final quarter. The activities are summarized in Table 1.

TABLE 3: PROJECT MILESTONE PROGRESS SUMMARY

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Objective/Milestone	Output Indicator	Status	Comments
1. Lead pollution hazards reduced for the population of Shoubra El Kheima.			
1.1	Smelter owner consensus.	<ul style="list-style-type: none"> • Agreement by smelter owners to allow sampling and remediation activities. • Negotiated and signed agreements between smelter owners and regulatory agencies. 	<p>Complete</p> <p>The school and the smelters have allowed sampling and are in agreement with the remediation activities.</p> <p>Complete</p> <p>The agreements have been completed with all site owners or governmental agencies for remediation activities.</p>
1.2	Site remediation prioritization.	<ul style="list-style-type: none"> • Priority list approved by project management committee. 	<p>Complete</p> <p>The priority list was developed for the original sites to be remediated and for the extension period sites.</p>
1.3	EA/EIA completed.	<ul style="list-style-type: none"> • Conduct of Scoping Meeting. • Approval of EA/EIA by concerned entities. 	<p>In Progress</p> <p>The Scoping Meeting for the original project was held on February 2, 2005. The Scoping Meeting for the Delta Solb School was held in April 2006 and the Scoping Meeting for the other facilities to be remediated in the initial extension period was held on August 9, 2006. The Scoping Meeting for the Kablat Primary School has been conducted and the Scoping Meeting for the Sayed Hussein Copper Smelter will be held in the next quarter.</p> <p>In Progress</p> <p>The USAID EA and the EEAA EIA for all facilities currently</p>

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			remediated were approved prior to the start of remediation. The approval for the Sayed Hussein Copper Smelter will be received prior to remediation.
1.4	Feasible remediation options identified (including disposal options).	<ul style="list-style-type: none"> • Financial and economic assessment conducted. • Start of remediation design for the El Shahid Ahmed Shaalan School, the three Awadallah, Seoudi, and El Mahy Secondary Lead Smelters, the Delta Solb School, the Kablat Medical Center, and the Osama Zakaria and Khaled Saad Secondary Lead Smelters. • Start of remediation design for the Arab Contractors' Battery Assembly Facility and the Sayed Hussein Copper Smelter. 	<p>Complete</p> <p>Complete</p> <p>In Progress</p> <p>The remediation options, when applicable, for all facilities remediated has been completed. The remediation designs are complete for the facilities listed and they have been remediated.</p> <p>The designs have been initiated and will be completed by the end of September 2007</p>
1.5	Capacity building for pre-qualified remediation contractors.	<ul style="list-style-type: none"> • Bids received for the El Shahid Ahmed Shaalan School remediation, the three Awadallah, Seoudi, and El Mahy Secondary Lead Smelters, the Delta Solb School, the Kablat Medical Center, and the Osama Zakaria and Khaled Saad Secondary Lead Smelters.. • Bids received for remediation of the Arab Contractors' Battery Assembly Facility and the Sayed Hussein Copper Smelter. • 	<p>Complete</p> <p>In Progress</p> <p>Bids were received from the project trained contractors and the remediation of the facilities is complete.</p> <p>Bids are anticipated to be received for the two facilities in October 2007.</p>

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1.6	Legal and institutional framework reviewed.	<ul style="list-style-type: none"> Remediation procedures established. 	Complete	Recommendations were made to the Executive Regulation revisions of Law 4/1994 and presented in a letter to the CEO of EEAA.
1.7	Site specific remediation designs.	<ul style="list-style-type: none"> Request for bids issued for the El Shahid Ahmed Shaalan School, the three Awadallah, Seoudi, and El Mahy Secondary Lead Smelters, the Delta Solb School, the Kablat Medical Center, and the Osama Zakaria and Khaled Saad Secondary Lead Smelters. Request for bids issued for the Arab Contractors' Battery Assembly Facility and the Sayed Hussein Copper Smelter. 	<p>Complete</p> <p>In Progress</p>	<p>Bids for remediation were received for each of the facilities listed.</p> <p>The requests of bids will be issued in September 2007 for both facilities.</p>
1.8	Contractors selected and contracts awarded.	<ul style="list-style-type: none"> Contract signed for the El Shahid Ahmed Shaalan School, the three Awadallah, Seoudi, and El Mahy Secondary Lead Smelters, the Delta Solb School, the Kablat Medical Center, and the Osama Zakaria and Khaled Saad Secondary Lead Smelters remediation. Contract(s) signed for the Arab Contractors' and Sayed Hussein Copper Smelter. 	<p>Complete</p> <p>In Progress</p>	<p>Contracts were signed and the remediation completed for all the facilities listed.</p> <p>The contracts will be signed in October 2007.</p>
1.9	Sites declared remediated.	<ul style="list-style-type: none"> Clearance samples meet clean-up goals. 	In Progress	A clearance sampling report has been finalized for all facilities remediated to date.

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1.10	Remediation guidelines finalized.	<ul style="list-style-type: none"> Remediation guidelines submitted to EEAA for endorsement. 	In Progress	The English copy is complete and the mock up is being prepared for printing. The Arabic version will be finalized for printing in August 2007.
2. Residents successfully advocating for environmental improvement.				
2.1	Community profile developed.	<ul style="list-style-type: none"> Stakeholder analysis initiated. 	Complete	Final draft completed as part of the Community Profile Report.
2.2	Baseline information (KAP) finalized.	<ul style="list-style-type: none"> Analysis of survey data completed. 	Complete	The initial KAP Report has been completed.
2.3	Community participation strategy finalized.	<ul style="list-style-type: none"> Implementation of school communications plan initiated. Implementation of households communication plan initiated. Implementation of opinion leaders, private sector, and regulatory agency communication plans initiated. 	Complete Completed Complete	The Community Participation, Awareness, and Communication Strategy has been completed.
2.4	Gender strategy adopted by project team.	<ul style="list-style-type: none"> Gender issues begin to be addressed in project progress reports. 	In Progress	Gender continued to be considered as an important factor in the planning and the implementation of project activities as reported in Table 1 activities.
2.5	Post project evaluation study (KAP).	<ul style="list-style-type: none"> Comparison between baseline and final KAP completed. 	In Progress	Will be completed in October 2007.