



USAID
FROM THE AMERICAN PEOPLE

Quarterly Report October - December 2007

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

February 10, 2008

This publication was produced for review by the United States Agency for International Development. It was prepared by Millennium Science and Engineering Inc., in cooperation with Chemonics International.

**LEAD POLLUTION CLEAN-UP IN QALYOUBIA
QUARTERLY PROGRESS REPORT
OCTOBER THROUGH DECEMBER 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 three extensions. The first extension was from August 17, 2006 through March 31, 2007. The second extension was signed in late March 2007 for 9 months beginning on April 1, 2007 and ending on December 31, 2007. A third, No Cost Extension, was signed in late December 2007 and extends the project until April 30, 2008.

The project has completed the remediation of seven secondary lead smelters, a copper smelter, two schools, and a medical center in the Shoubra El Kheima area of the Governorate of Qalyoubia (GOQ) as shown on Figure 1. As part of the December 2007 extension, the project will assist the GOQ and the Egyptian Environmental Affairs Agency (EEAA) in the oversight of the remediation to be conducted by Arab Contractors at its Battery Assembly Facility. The project will also complete the investigating of 20 flour mills in the GOQ to determine possible sources of contamination during the grain milling process.

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 and remediation sustainability 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 December 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 completed. 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 October through December 2007:

1. The Remediation Guidelines were disseminated through a series of three, two-day workshops conducted in late November and early December 2007. The workshops were held in Cairo, Alexandria, and Luxor. The workshops were attended by governorate environmental staff from all Egyptian governorates and the Administrative District of Luxor, as well as staff from the EEAA Regional Branch Office, universities, and engineering companies.
2. The Industrial Pollution Desk was opened at the Shoubra El Kheima Public Library and the staff was trained on dissemination of materials and how to work with the public on the use of the desk and the information provided by the project. The Library held an

orientation session for four groups of students from four different schools in Shoubra El Kheima.

3. The Post Remediation Blood Levels Report was published during the quarter and disseminated in a workshop held on November 1, 2007. The report described the significant reduction in blood lead levels for the men, women, and children living in Shoubra El Kheima.
4. The remediation of the Sayed Hussein Copper Smelter was successfully completed in early December 2007.

CHALLENGES AND ISSUES

1. 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 Blood Lead Level Survey. During the next quarter, the contamination in the streets and common areas in the study area (i.e., defined as a one-kilometer radius from the former Awadallah Secondary Lead Smelter No. 1 exhaust stack) will be characterized and recommendations made to the GOQ on how to remediate these areas.
2. Arab Contractors continued to stall the beginning of remediation at its Battery Assembly Facility. Meetings were held with senior GOQ officials and Arab Contractors during the quarter to obtain a commitment for starting the remediation. The remediation must start by the end of January 2008 to allow for completion prior to the end of the project. If remediation is further delayed, the project will turn over all documents to the GOQ and EEAA to allow them to continue the remediation process without the assistance of the project.

PROJECT FINANCIAL SUMMARY

The financial tables below reflect the current project funding levels in U.S. dollars (\$) and Egyptian pounds (LE) and the total expenditures through the end of the quarter.

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

| | |
|------------------------------------------------|-------------|
| Current Obligated Funding | \$3,490,125 |
| Total Contract Amount | \$3,490,125 |
| Expenditures for October through December 2007 | \$ 170,611 |
| Cumulative Expenditures through December 2007 | \$2,961,426 |
| Remaining Unexpended Balance – Obligated Funds | \$ 528,699 |
| Remaining Unexpended Balance – Contract Total | \$ 528,699 |

Table 2: Egyptian Pounds (LE)

| | |
|------------------------------------------------|---------------|
| Current Obligated Funding | LE 34,557,760 |
| Total Contract Amount | LE 34,557,760 |
| Expenditures for October through December 2007 | LE 1,373,055 |
| Cumulative Expenditures through December 2007 | LE 31,113,919 |
| Remaining Unexpended Balance – Obligated Funds | LE 3,443,841 |
| Remaining Unexpended Balance – Contract Total | LE 3,443,841 |

MAJOR MEETINGS

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

Post-Remediation Blood Lead Level and Cost Benefit Analysis of Remediation Studies Dissemination Workshop

This was a one-day event held in Cairo on November 1, 2007 and attended by 44 participants (21 males and 23 females) from the Environmental Affairs Agency, Shoubra El Kheima, Ministry of Health and Population, and academic staff from Faculties of Medicine of Cairo, El Azhar and Alexandria Universities, in addition to the High Institute of Public Health from Alexandria University. Final versions of these studies were distributed during this workshop.

Remediation Guidelines Dissemination Workshops

LIFE-Lead conducted three workshops in Cairo, Alexandria, and Luxor for relevant stakeholders to disseminate the final version of the Remediation Guidelines. The purpose of the workshops was to disseminate the guidelines and explain how they could be used by the governorates. The workshops targeted the governorate's environmental management units and environmental departments, EEAA Regional Branch Office staff, and universities.

The Cairo workshop was held on November 28 and 29, 2007. The participants in Cairo included 105 males and 30 females. The Alexandria workshop conducted on December 2 and 3, 2007 was attended by 41 males and 13 females. Twenty nine (27 males and 2 females) participants attended the Luxor workshop on December 5 and 6, 2007. Each participant received a printed hardcopy of the remediation guidelines as well as a softcopy.

Human Health Risk Assessment Training Sessions

The purpose of this training course was to help the participants understand the basic concepts and steps required to conduct a Human Health Risk Assessment. The training included theoretical background in addition to practical case studies.

Two, 3-day training iterations were conducted, beginning on November 13 and November 18, 2007. Thirteen participants (10 males and 3 females) attended this training.

Trainees included staff from the EEAA including staff from the Alexandria Regional Branch Office in addition to employees from the Ministry of Health and Population and academic staff from the Faculties of Medicine from Cairo and Alexandria Universities, in addition to employees from the High Institute of Public Health at Alexandria University.

Investors Meeting

As a part of LIFE-Lead project contributions to stimulate efforts to mobilize relocation of smelters and foundries from Shubra El Kheima to the newly designated industrial area in Abu Zaabal, a meeting for potential investors and facility owners was organized to identify and capture different opportunities to provide technical and financial support for the relocation process. The meeting agenda included presentations and discussions with relevant donor agencies including the EPAP II project, funded by the World Bank and other European donors, and the German KFW Bank. The presentations clarified the potential opportunities and the criteria to apply for their assistance. There was also a presentation on the new cleaner production technologies in smelting and foundry industries and the various challenges to cope with the environmental requirements of this newly established industrial zone. The meeting was held on November 6, 2007 and was attended by 85 investors (80 males and 5 females).

Health and safety Training for Arab Contractors

This was a one-day training event that aimed at providing participants with the basic health and safety procedures to be followed during the remediation of the Arab Contractors' Lead Battery Assembly Facility. Twelve people attended the training that was held on November 24, 2007.

Industrial Pollution Desk Workshop

A three day workshop was held on October 23 through 25, 2007 for the Shoubra El Kheima Public Library staff on awareness regarding the hazards of lead and heavy metals. The workshop also included a demonstration on the use of the "Industrial Pollution Desk" materials and different ways of communication with the library visitors in order to promote the desk materials and activities.

At the end of the workshop, a plan was prepared by the library staff to promote the desk activities within Shoubra El Kheima through different activities (e.g., link it to the schools visits to the library, link it to LIFE-Lead web site, initiate competitions, etc.).

Life-Lead will continue to support and monitor the activities implementation to ensure their sustainability after the project closes. The workshop was attended by eight females and six males.

On-Going Capacity Building Activities for Health Educators (Nurses and Midwives)

LIFE-Lead conducted four sessions as part of a series of seminars for building Nurses and Midwives capability for conveying the LIFE-Lead messages to the local community. These nurses are responsible for educating women in their work place on different health subjects that are critical to the health and welfare of the participants' families and children. LIFE-Lead coordinated with the Shoubra el Kheima Health Department to expand the Health Educators responsibilities to include other community groups such as school children and other youth. These seminars were attended by 67 females. The following are the examples of the activities conducted:

- Presentations for building the group capabilities on the hazards of lead and other heavy metals.
- Facilitating field challenges that face the group during their field work (e.g., working with "Education Department" in Shoubra el Kheima).
- Follow-on steps for their activities and initiating any new activities as they occur.
- Training on "Environment and Resources" and "Communication Skills"

Awareness Seminars Conducted by Health Educators (Nurses and Midwives)

Health Educators conducted 12 awareness seminars to inform the local community about the health and environmental hazards of heavy metals and means of prevention and protection. These seminars were conducted at the El Kablat Medical Center, four additional medical centers, and one hospital located in the city of Shoubra El Kheima, a total 300 participants (200 females and 100 males) attended these awareness sessions.

Local Advisory Committee Meeting (Education Committee)

LIFE-Lead holds periodical meetings with the members of its Local Advisory Committee, who are official partners and stakeholders of the project. The purpose of this meeting was to activate the Boards of Trustees in schools to work against the pollution problem in Shoubra El Kheima, and encourage environmental activities in schools. The meeting was held at the Shoubra El Kheima City Council on November 5, 2007. Twenty people attended the meeting (19 males and 1 female).

Delta Solb and Kablat Schools Board of Trustees Meetings

As a part of the LIFE- Lead communication plan, two meetings were organized on November 14 and 21, 2007 for the Board of Trustee's members. The purpose of these meetings was to activate the Boards of Trustee's schools to work against pollution problem in Shoubra El Kheima. An open discussion was then conducted with the attendees to answer their questions and receive their comments and suggestions for sustaining the remediation effort in the future. The meetings were attended by 80 people.

On-going Activities of Outreach Workers

The following are ongoing activities conducted by the project's outreach workers in Shoubra El Kheima.

Awareness Seminars at the Kablat Medical Center--

LIFE-Lead outreach workers conducted awareness seminars at the Kablat Medical Center. The awareness seminars inform the visitors of the center about the hazards of industrial pollution in Shoubra El Kheima and the means of protection. During this quarter, the outreach workers conducted eight seminars attended by 206 females and 6 males.

Awareness Seminars at Shoubra El Kheima Mosques--

In coordination with Al-Awqaf Department of East Shoubra El Kheima, the LIFE-Lead outreach workers conducted six awareness seminars at Shoubra El Kheima mosques attended by 209 males. The purpose of the seminars was to inform the local community about the health and environmental hazards of heavy metals and means of prevention and protection.

Awareness Seminars at Shoubra El Kheima Schools, NGOs, and Youth Centers--

LIFE-Lead outreach workers expanded their awareness effort to include other organization in Shoubra El Kheima. During this quarter, they conducted seven seminars attended by 224 participants (81 males and 143 females) from four schools, three youth centers, and and NGO.

Awareness Activities Conducted by LIFE-Lead Community Counterparts

LIFE-Lead has succeeded in mobilizing its stakeholders and building their capacities to implement public awareness, education, and participation activities. To ensure their sustainability after the project closes, the communications team initiated a monitoring and on-going technical assistant plan as well as a reporting system to be used by community organizations. On a regular basis, local organizations report to the project their achievements. Following are the summary of their achievements:

Seminars at the Bahteem Cultural Center--

During this quarter, the Bahteem Cultural Center conducted 19 seminars for schools visits, a celebrating Ramadan Night event, an art workshop, and a celebrating Children's Day for Night School event. The Center's staff included messages that explained the hazards of heavy metal pollution and means of protection from the hazards in these seminars. A total of 1,281 students and visitors participated in these activities including 454 males and 827 females.

Shoubra El Kheima Public Library Communication Activities--

As part of the plan prepared by the library staff to promote the Industrial Pollution Desk within Shoubra el Kheima residences, four Shoubra El Kheima schools visited the Library. During the visits, children were introduced to the Industrial Pollution Desk and briefed about lead pollution and LIFE-Lead activities. The four events were attended by 115 students (64 males and 51 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. During this quarter, 84 females out of a total of 352 participants attended the Remediation Guidelines Dissemination Workshops and health risk assessment training as well as other technical activities carried out by project technical team.

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 of pre-school and school ages are the most vulnerable groups to lead contamination. During this quarter, a significant percentage of females (56%), 1,609 out of a total of 2,875 participants attended the communication and local mobilization events.

Figure 1: Study Area

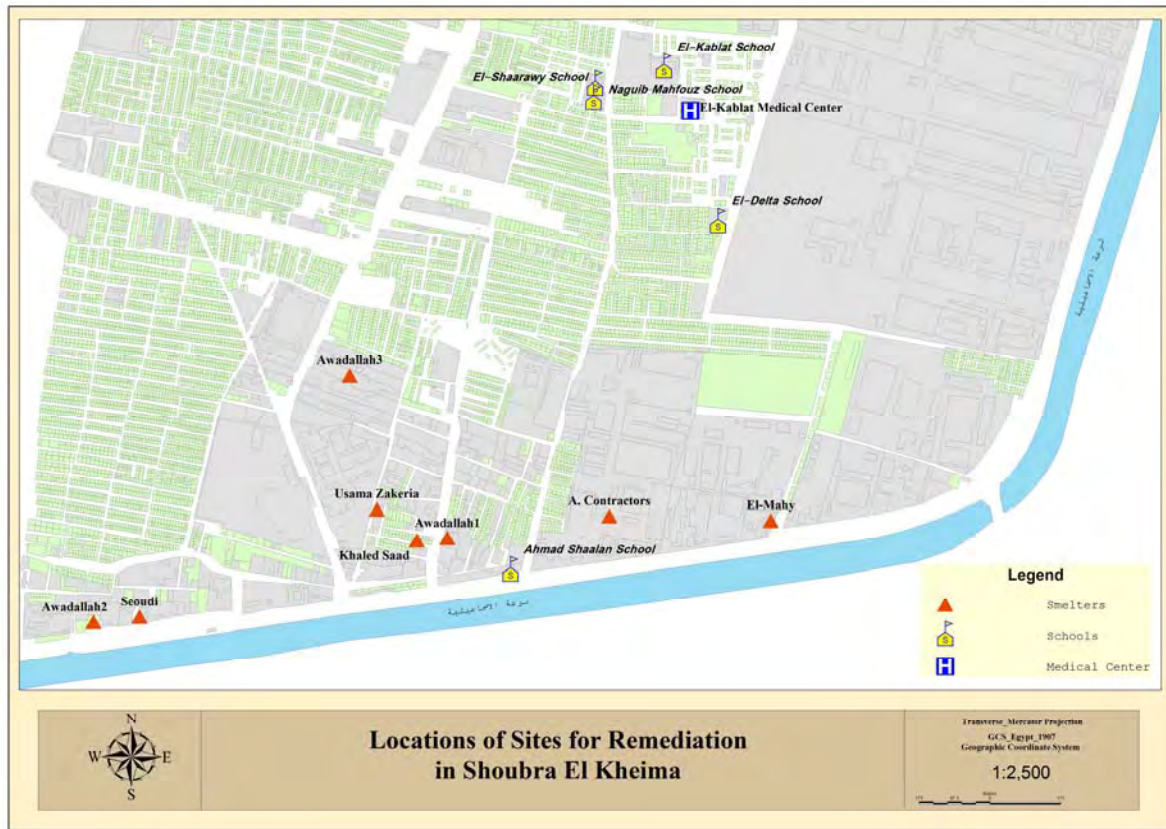


TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007

| 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 - July 2007) | <ol style="list-style-type: none"> 1. Update GIS maps and turn over to EEAA and the GOQ. 90 2. Evaluate the need for a blood lead level survey and conduct if applicable. 100 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 4. Prepare Site Characterization Reports for the Arab Contractors' Battery Assembly Facility and the Sayed Hussein Copper Smelter. 100 5. Survey industries surrounding the four schools in the project area to identify industrial pollutants of concern. 100 | <ol style="list-style-type: none"> 1. The project conducted minimal activities on this task during the quarter as there were only minimal changes to the GIS data. The final GIS information will be turned over to project counterparts during the next quarter. 2. The report was finalized during the quarter and was disseminated at a workshop in early November 2007. |

TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007

| Activities, Tasks and Work Plan Schedule | | Subtask/Descriptions | Percent Complete | Comments |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | 6. Characterization of 20 flour mills. | 90 | 6. The laboratory analyses from the laboratory were received during the quarter and are being compiled in the draft report. The draft report will be provided to USAID, EEAA, and the GOQ for review in mid-January 2008. Following review by project counterparts, the report will be finalized. |
| | | 7. Perform baseline health risk assessments for the Arab Contractors and Sayed Hussein sites. | 100 | |
| 1.2 | Site Prioritization (December 2004 – June 2006) | | 100 | |
| 1.3 | Definition of Baselines for Monitoring and Evaluation, and Development of PMP (October 2004 – December 2004) | | 100 | |
| 1.4 | Environmental Assessment (October 2005 – October 2007) | 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 Smelters to USAID and EEAA. | 100 | 2. The EA/EIA for the Arab Contractors |
| | | 2. Complete and submit an EIA for the | 100 | |

TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007

| TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007 | | | | |
|-----------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Activities, Tasks and Work Plan Schedule | | Subtask/Descriptions | Percent Complete | Comments |
| | | Arab Contractors' Battery Assembly Facility and an EA/EIA for and the Sayed Hussein Copper Smelter. 3. Develop Environmental Management Plans for each of the smelters during remediation. | 95 | and Sayed Hussein sites have been approved by EEAA 3. Environmental Management Plans are submitted by the remediation contractors prior to the start of remediation activities. The plan for the Sayed Hussein Copper Smelter was submitted in October 2007 prior to the start of remediation. The plan for the Arab Contractors' Battery Assembly Facility will be submitted in January 2008 prior to the initiation of remediation activities. |
| 1.5 | Technical Capacity Building (January 2006 - November 2007) | 1. Increase the involvement of EEAA and the GOQ in remediation activities. 2. Supplemental training for short-listed contractors. 3. Health and Safety and Remediation Short Course for engineers and consulting firms. 4. Assist EEAA and Arab Contractors in the development of the Battery | 90 100 100 70 | 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. 4. The design has been completed and this task will be completed once remediation |

TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007

| TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007 | | | | |
|-----------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Activities, Tasks and Work Plan Schedule | | Subtask/Descriptions | Percent Complete | Comments |
| | | Assembly Facility remediation design and during remediation. | | is initiated by Arab Contractors. |
| | | 5. Provide recordkeeping and health and safety training to the Alexandria Hazardous Waste Landfill. | 100 | |
| | | 6. Assist Alexandria University with the development of remediation curriculum. | 100 | |
| | | 7. Provide Health Risk Assessment Development Training to EEAA and engineering consulting firms. | 100 | 7. The training was conducted in November 2007. |
| 1.6 | Institutional and Legal Support (September 2005 – December 2007) | 1. Establish and develop a Sustainability and Institutionalization Working Group. | 90 | 1. A meeting was held on November 15, 2007 to update the working group on project activities. Meetings are anticipated to be held in March 2008 |
| | | 2. Address gaps in existing Egyptian Environmental Laws pertaining to HWM. | 100 | |
| | | 3. Provide policy development and enforcement training. | 100 | 3. The policy development and enforcement training was conducted in coordination with the presentation of the remediation guidelines. |
| | | 4. Recommend revisions to existing HW laws and regulations. | 100 | |

TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007

| Activities, Tasks and Work Plan Schedule | Subtask/Descriptions | Percent Complete | Comments |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | 5. Investigate methods with EEAA to recover the oversight costs associated with remediation of contaminated sites. | 90 | 5. The recovery of funds was discussed during the quarter as the EEAA and the principal of cost recovery for EEAA oversight is included in the proposed revisions to Law 4/1994 that is awaiting approval from the Egyptian parliament. EEAA will be providing 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. Provide assistance to the GOE's industrial facility relocation program. | 100 | |
| | 7. Develop technical memorandum on the future of remediation in Egypt. | 65 | 7. A preliminary draft was developed during the quarter and will be completed in February 2008. |
| | 8. Evaluate the capacity of the EEAA Central Laboratory to conduct analyses required for remediation. | 100 | 8. The memorandum describing the abilities was completed during the quarter and discussed with EEAA. |
| | 9. Develop a range of costs for the remediation of smelters in Shoubra El Kheima. | 65 | 9. The costs to remediate facilities that will be relocating was finalized during the quarter and presented in the meeting with the smelter and foundry owners. |

| TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007 | | | | |
|-----------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Activities, Tasks and Work Plan Schedule | | Subtask/Descriptions | Percent Complete | Comments |
| | | 10. Develop an Environmental Management Plan for the Al Safa Industrial Zone. | | 10.The preliminary draft of the plan has been developed and will be discussed with the Board of Directors for the Al Safa Industrial Zone in January 2008. |
| 1.7 | Identification of Remediation Options (November 2005 – August 2007) | <ol style="list-style-type: none"> 1. Report describing the remediation alternatives investigated. 2. Develop a Treatability and Stabilization Report for contaminated soil. 3. Evaluate the effectiveness and feasibility of each remediation alternative. 4. Present final remediation designs for the smelters to the USAID, EEAA, GOQ, and smelter owners. 5. Train laboratories on the proper procedure to conduct TCLP testing. <p>Deliverable:</p> <ul style="list-style-type: none"> • Report identifying remediation options | <p>100</p> <p>100</p> <p>100</p> <p>100</p> <p>100</p> | 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 – December 2007) | <ol style="list-style-type: none"> 1. Evaluation of the cost effectiveness of technical alternatives. | 100 | |

TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007

| TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007 | | | | |
|-----------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Activities, Tasks and Work Plan Schedule | | Subtask/Descriptions | Percent Complete | Comments |
| | | 2. Conduct of a cost-benefit analysis for the project. 3. Conduct of a Socio-economic Study on the cost of smelter relocation to the Abu Zaabal Industrial Area. 4. Development of project sustainability capacity building. Deliverable: <ul style="list-style-type: none"> • Technical Alternatives Cost Effectiveness Report • Cost-Benefit Analysis Report | 100 80 100 | 2. The report was disseminated in a workshop in November 2007. 3. The draft report will be provided for review by the GOQ, EEAA, and USAID in February 2008. The Cost Effectiveness Reports are included in the EA/EIA for the sites to be remediated. The final Cost-benefit Analysis Report is dated October 10, 2007. |
| 1.9 | Remediation Design (September 2005 – September 2007) | 1. Production of a basis for design report. 2. Complete remediation designs, technical specifications, project drawings, and bid packages for the following facilities to be remediated: <ul style="list-style-type: none"> - El Mahy Secondary Lead Smelter - Seoudi Secondary Lead Smelter - Awadallah Secondary Lead Smelters | 100 100 | |

TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007

| Activities, Tasks and Work Plan Schedule | Subtask/Descriptions | Percent Complete | Comments |
|------------------------------------------|----------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | 100 | <p>3. The remediation designs, technical specifications, project drawings, and bid packages were completed during the quarter for the Arab Contractors and Sayed Hussein sites and provided to contractors in September 2007.</p> <p>The Remediation Plan/Design was presented in the Request for Bid for each of the facilities.</p> |

TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007

| TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007 | | | | |
|-----------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Activities, Tasks and Work Plan Schedule | | Subtask/Descriptions | Percent Complete | Comments |
| | | Facility Sayed Hussein Copper Smelter | | |
| 1.10 | Provide Health and Safety Training (September 2005 – September 2006) | 1. Provide Health and Safety Training to short-listed Contractors. 2. Provide Health and Safety Training to engineers, university staff and consulting firms. | 100 100 | |
| 1.11 | Bid Process and Contractor Selection (July 2005 – October 2007) | 1. Develop bid documents for the smelters. 2. Review bids with technical evaluation committee. 3. Organize site visits for bidders. | 100 100 100 | 1. The bid documents for the Arab Contractors and Sayed Hussein sites were completed in September 2007. 2. All bids have been reviewed and presented to the technical review committee in October 2007. 3. The site visits for the Arab Contractors and Sayed Hussein sites were conducted in September 2007. |
| 1.12 | Remediation and Construction Management (January 2006 – December 2007) | 1. Oversee the day-to-day activities of the contractor. 2. Evaluate contractor chain-of-custody procedures. 3. Monitor contractor compliance with H&S. 4. Review contractor weekly reports. 5. Report on work discrepancies per contract. 6. Review of contractor invoices. 7. Prepare and approve contract change orders. 8. Clearance sampling following remediation. | 95 95 95 95 95 95 95 95 | The subtasks have been completed for the Sayed Hussein Copper Smelter and will be completed during the next quarter for the Arab Contractors' facility. |

TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007

| Activities, Tasks and Work Plan Schedule | | Subtask/Descriptions | Percent Complete | Comments |
|------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.13 | Finalization of Remediation Guidelines (June 2006 – December 2007) | 1. Evaluate and revise draft remediation guidelines. | 100 | 1. The English and Arabic versions of the guidelines were disseminated in workshops held in Cairo, Alexandria and Luxor in late November and early December 2007. |
| | | 2. Initiate and manage small working groups to review draft guidelines. | 100 | |
| | | 3. Present workshop on final remediation guidelines. | 100 | 3. The remediation guidelines were disseminated in workshops held in Cairo, Alexandria, and Luxor in late November and early December 2007. |
| | | Deliverable: <ul style="list-style-type: none"> Final Remediation Guidelines | | The Remediation Guidelines are dated September 2007 and were disseminated through the above workshops in late November and early December 2007. |
| 1.14 | Project Monitoring and Evaluation (September 2005 – March 2007) | 1. Develop M&E tools such as GIS and data-tracking software. | 70 | 1. The activities associated with this task were minimal during the quarter. |
| | | 2. Train partners on tools and processes for the refining of the M&E system. | 10 | 2. The EEAA has requested that a senior level training program be developed. This training will be conducted in late January or early February 2008. |
| | | 3. Provided final technical and community participation data for M&E. | 75 | 3. The information is being catalogued for submittal at the end of the project. |

TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007

| TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007 | | | | |
|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 – December 2007) | 1. Subtask 2.1.1: Community Participation, Awareness, and Communications Strategy | 95 | 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. LIFE-Lead established the Industrial Pollution Desk (IPD) in the Shoubra El Kheima Public Library and is duplicating the desk at EEAA. This will allow EEAA to use the desk as a reference to promote remediation in Egypt. LIFE-Lead started the collection of environmental books, studies, and research and other printed materials for the EEAA IPD. A meeting was held with EEAA library staff to discuss all requirements, roles, and responsibilities. LIFE-Lead also purchased the equipment needed for the EEAA desk. |
| | | 2. Subtask 2.1.2: Community Awareness Activities | 90 | |
| | | 3. Subtask 2.1.3: Community Participation Activities | 95 | |
| | | | | 3. A three day workshop held on October 23-25, 2007 for the Shoubra El Kheima |

TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007

| Activities, Tasks and Work Plan Schedule | Subtask/Descriptions | Percent Complete | Comments |
|------------------------------------------|----------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | <p>Public Library staff on how to promote the use of the “Industrial Pollution Desk” materials. The workshop held at the Shoubra El Kheima Public Library was attended by 8 females and 6 males. Four sessions were conducted for Nurses and Midwives to build their capabilities to convey the LIFE-Lead messages to the local community. These seminars were attended by 67 females. LIFE-Lead held a meeting for the members of its Local Advisory Committee, who are official partners and stakeholders of the project. The meeting was held at the Shoubra El Kheima City Council on November 5, 2007. Twenty people attended the meeting: 19 males and 1 female. Two meetings were organized on November 14 and 21, 2007 for the School Board of Trustee's members. The purpose of these meetings was to activate the Boards of Trustee's schools to work against the pollution problem in Shoubra El Kheima. The meetings were attend by 80 people.</p> <p>Lead outreach workers conducted eight seminars attended by 206 females and 6 males at the Kablat Medical Center The awareness seminars inform the visitors</p> |

TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007

| Activities, Tasks and Work Plan Schedule | Subtask/Descriptions | Percent Complete | Comments |
|------------------------------------------|--------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | 4. Subtask 2.1.4: Coordination and Collaboration with Counterparts | 90 | <p>of the center about the industrial pollution in Shoubra El Kheima and the means of protection. In coordination with Shoubra El Kheima Al-Awqaf Department of East Shoubra El Kheima, the LIFE-Lead Community Outreach Workers conducted six awareness seminars at Shoubra El Kheima mosques attended by 209males. They also conducted seven seminars attended by 224 participants (81 males and 143 females) from four schools, three youth centers, and an NGO.</p> <p>4. 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 with support from LIFE-Lead. Nineteen seminars for schools visits, the Celebrating Ramadan Night event, art workshops, and celebrating Children’s Day for Night Schools event were organized for 1,281students and visitors. The Shoubra El Kheima Public Library started to promote the Industrial Pollution Desk to Shoubra El Kheima residents. Four Shoubra El Kheima schools visited the Library. During the visits, children were introduced to the Industrial Pollution Desk and briefed</p> |

TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007

| Activities, Tasks and Work Plan Schedule | | Subtask/Descriptions | Percent Complete | Comments |
|------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <p>5. Subtask 2.1.5: Conduct a Final Knowledge, Attitude, and Practices Study</p> <p>6. Subtask 2.1.6: Documentation of Project Activities and Success Stories</p> <p>Deliverables:</p> <p>Communication Strategy for Public Participation</p> <p>Summary memoranda reporting on the outcome of the public meetings.</p> | <p>70</p> <p>90</p> | <p>about lead pollution and the hazards associated with industrial pollution.</p> <p>5. The Final KAP data processing and analysis was completed. The draft Arabic version of the report was completed and will be translated for review.</p> <p>6. The project completed 7 success stories during the quarter. National Media Channels were invited to attend the dissemination of the Remediation Guidelines Workshop More than 30 newspaper and magazine articles and approximately 6 TV and radio programs covered these events</p> <p>The Communication Strategy for Public Participation was submitted to USAID on December 22, 2005.</p> <p>Summary reports are sent to project management, USAID, and EEAA on a periodic basis.</p> |
| 2.2 | Public Meetings and Involvement in Environmental Impact Assessment (January 2005 – July 2007) | 1. Conduct Environmental Assessment Scoping Meeting for the Delta Solb Preparatory School, the El Kablat Medical Center, and the Osama | 100 | |

TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007

| TABLE 1: SUMMARY OF PROJECT ACTIVITIES – 4th Quarter 2007 | | | | |
|-----------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------------|
| Activities, Tasks and Work Plan Schedule | | Subtask/Descriptions | Percent Complete | Comments |
| | | Zakaria and Khaled Saad Secondary Lead Smelters.. | | |
| | | 2. Conduct Environmental Assessment Scoping Meeting for the Kablat Primary School and the Sayed Hussein Copper Smelter. | 100 | |
| 2.3 | Project Monitoring and Evaluation (October 2004 – March 2007) | | 100 | 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>Complete</p> | <p>The baseline characterizations indicate high lead concentration in the two schools, the medical center, and the seven 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 all remediated sites.</p> |
| 1.2 | Increased property values in the areas surrounding the smelters. | <ul style="list-style-type: none"> Results of financial and economic assessments. | Complete | The report was completed in October 2007 and disseminated at a one-day workshop. |
| 1.3 | Initiation of contaminated site remediation businesses. | <ul style="list-style-type: none"> No. of firms submitting for pre-qualification. No. of individuals trained (gender disaggregated). | <p>Complete</p> <p>Complete</p> | <p>Nine firms submitted Statements of Qualification and seven firms were selected (short listed) for training and bidding on the remediation projects.</p> <p>The training was completed in April 2005. There were 42 men and 5 women, and 470 total person training days.</p> |

TABLE 2: PMP SUMMARY – OUTPUT INDICATORS

| TABLE 2: PMP SUMMARY – OUTPUT INDICATORS | | | | |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Objective/Results | | Output Indicator | Status | Comments |
| 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. | <p>In Progress</p> <p>In Progress</p> <p>In Progress</p> <p>In Progress</p> | 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 continued throughout the quarter as described in Table 1. |
| 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

| TABLE 3: PROJECT MILESTONE PROGRESS SUMMARY | | | | |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. | Complete Complete | <p>The school and the smelters have allowed sampling and are in agreement with the remediation activities.</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. | Complete | The priority list was developed for the original sites to be remediated and for the extension period sites. |
| 1.3 | EA/EIA completed. | <ul style="list-style-type: none"> • Conduct of Scoping Meeting. • Approval of EA/EIA by concerned entities. | Complete Complete | <p>Scoping Meetings have been held for all facilities and the Scoping Reports approved by EEAA.</p> <p>The EA/EIA for the Sayed Hussein and the EIA for the Arab Contractors facility have received approval from the EEAA and USAID.</p> |
| 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 | Complete Complete | <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> |

TABLE 3: PROJECT MILESTONE PROGRESS SUMMARY

| TABLE 3: PROJECT MILESTONE PROGRESS SUMMARY | | | | |
|----------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Objective/Milestone | | Output Indicator | Status | Comments |
| | | <p>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.</p> <ul style="list-style-type: none"> • Start of remediation design for the Arab Contractors' Battery Assembly Facility and the Sayed Hussein Copper Smelter. | Complete | The designs were completed in September 2007. |
| 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. | Complete Complete | <p>Bids were received from the project trained contractors and the remediation of the facilities is complete.</p> <p>Bids were received and reviewed in early October 2007 for the Sayed Hussein Copper Smelter. Arab Contractors will be using their staff for the remediation of the Battery Assembly Facility. Therefore, this milestone is considered complete.</p> |
| 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 | Complete | Bids for remediation were received for each of the facilities listed. |

TABLE 3: PROJECT MILESTONE PROGRESS SUMMARY

| Objective/Milestone | | Output Indicator | Status | Comments |
|---------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <p>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.</p> <ul style="list-style-type: none"> Request for bids issued for the Arab Contractors' Battery Assembly Facility and the Sayed Hussein Copper Smelter. | Complete | The requests of bids were issued in September 2007 for both facilities. |
| 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>Complete</p> | <p>Contracts were signed and the remediation completed for all the facilities listed.</p> <p>The contracts for the Sayed Hussein Copper Smelter were signed in October 2007. Arab Contractors will provide the remediation using their staff, equipment and supplies and will not be bidding or signing contracts with subcontractors for the work.</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. |
| 1.10 | Remediation guidelines finalized. | <ul style="list-style-type: none"> Remediation guidelines submitted to EEAA for endorsement. | Complete | The remediation guidelines were presented during a workshop for |

TABLE 3: PROJECT MILESTONE PROGRESS SUMMARY

| TABLE 3: PROJECT MILESTONE PROGRESS SUMMARY | | | | |
|----------------------------------------------------------------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Objective/Milestone | | Output Indicator | Status | Comments |
| | | | | project counterparts and comments were received and incorporated into the final guidelines. |
| 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 | The field work for the final KAP was completed during the quarter and the report will be finalized in February 2008. |