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Communication Activities Summary

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



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CONTENTS

INTRODUCTION	1
PROJECT COMMUNICATIONS STRATEGY	1
Background Information Gathering	2
Identification of Target Groups	3
COMMUNICATIONS ACTIVITY OUTPUTS	4
COMMUNICATION ACTIVITIES	6
Local Advisory Committees	6
Capacity Building	6
Outreach Workers	7
Schools	7
Involvement of El Shahid Ahmed Shalaan and Delta Solb Schools in the Remediation Process	7
School Awareness Activities	7
School Competitions	8
School Camps	8
Sustainability Workshops	9
Supplementary Booklets	9
Religious Institutions	10
Shoubra El Kheima Public Library	10
Bahteem Culture Center	11
Kablat and Other Medical Centers	12
Shoubra El Kheima Health Department	12
Environmental Impact Assessment Scoping Sessions	12
General Public/National Media	13
Do Your Part Cleanup Campaign	13
Adult Education Classes	13
Nile Media Center	14
GENDER PERSPECTIVE	14
COMMUNICATION TOOLS	14
LESSONS LEARNED	14

APPENDICES

Appendix 1: Training and Communication Events Database

Appendix 2: Local Advisory Committee Reports

Appendix 3: Report on Communication Skills Workshop

Appendix 4: Outreach Workers Reports

Appendix 5: Event Reports of School Activities

Appendix 6: Religious Leaders Event Reports

Appendix 7: Report on Library Activities

Appendix 8: Report on Bahtem Culture Center Activities

Appendix 9: Report on Medical Center Activities

Appendix 10: Report on Health Department Activities

Appendix 11: Report on Scoping Sessions

Appendix 12: Report on the Do Your Part Campaign

Appendix 13: Report on Adult Education Classes

Appendix 14: Training Event Reports for the Educational Supplementary Booklets

Appendix 15: Report on LIFE-Lead Communication Tools

Appendix 16: Other Event Reports

INTRODUCTION

The environmental quality of the Greater Cairo area is negatively impacted by heavy metal pollution for smelters and foundries. The East Shoubra El Kheima District in the Governorate of Qalyoubia (GOQ) is one of the most polluted areas in Greater Cairo due to the presence of smelters, foundries, and other industries.

Heavy metals emissions (e.g., lead) cause significant harm to human health and the environment. Several efforts have been made to solve the lead pollution problem in Greater Cairo. These efforts have resulted in a noticeable reduction in the lead pollution levels, particularly in Shoubra El Kheima.

Lead pollution levels in the ambient air of Shoubra El Kheima decreased by 75 percent between 1999 and 2002. However, lead is a non biodegradable element. Therefore, the secondary lead smelter sites in Shoubra El Kheima require additional efforts to remediate the remaining lead pollution as they continue to pose health and economic risks on the residents of the area, even after the smelters are closed or relocated. It is essential that the lead contamination at the closed secondary lead smelters be remediated to reduce the harmful effects of the remaining lead pollution sources. The remediation of the secondary lead smelter sites, and other polluted sites, will also include the removal of other heavy metals and hazardous substances that are byproducts of the lead smelting process.

Given the substantial health threat posed by lead contamination in the Governorate of Qalyoubia (GOQ) and opportunities to involve the community in mitigating the problem, the United States Agency for International Development (USAID) designed the Lead Pollution Cleanup in Qalyoubia component under its Livelihood and Income from the Environment Program (LIFE-Lead). LIFE-Lead is a USAID funded project that works in cooperation with the Egyptian Environmental Affairs Agency (EEAA) and the GOQ to remediate lead and heavy metal-polluted sites in the Shoubra El Kheima East District.

The LIFE-Lead Work Plan consists of two major activities. Activity 1 is Lead Smelter and Foundry Remediation and Activity 2 is Community Participation and Local Governance. The focus of Activity 2 is to mobilize the community by increasing community awareness of the environmental issues of the area and involving community members in the technical activities of the project.

The purpose of this report is to provide a summary of the Activity 2 efforts to educate and raise the awareness of the local community in Shoubra El Kheima about the hazards posed by heavy metal contamination from local industries.

PROJECT COMMUNICATION STRATEGY

The LIFE-Lead Communication Strategy for Public Participation adopted a set of social marketing, environmental education, and communication as well as community participation techniques. The techniques are designed to increase awareness, change behavior, and encourage community stakeholders to be actively involved in sustaining the project's lead pollution cleanup activities in the Shoubra El Kheima East District.

The project's original communications strategy was composed of the following four main objectives:

- To mobilize the local community and stakeholders to support, participate in, and sustain the lead remediation process in Shoubra El Kheima.
- To raise the awareness of the local community and stakeholders regarding the potential health and economic risks associated with industrial pollution.
- To encourage the local community and stakeholders to adopt positive attitudes and behaviors for protection against lead and industrial pollution.
- To coordinate with and equip local and national institutions, organizations, and pressure groups to support local activities.

These goals were accomplished by gathering background information about the community, identifying target groups, and implementing customized communications approaches for each group.



Background Information Gathering

At the beginning of the project, it was necessary to collect baseline information about the local community to identify the best methods for achieving the communication strategy objectives. This was done through two initial studies: a socio-economic profile of the project area and its residents, and a Knowledge, Attitudes, and Practices (KAP) survey relating to environmental pollution. The results of the KAP survey helped shape the project’s communication strategy and formulate communication message topics. These results included important findings such as the following:

- Environmental problems were not considered to be a high priority by area residents.
- Many community members, especially men, were unaware of the severity of the pollution problems and did not believe that high levels of lead and other pollutants had an impact on their children’s health (many women wisely thought otherwise).
- Many residents believed it was the government’s responsibility to address the area’s pollution problems.
- Important demographic groups, such as teachers at the El Shahid Ahmed Shaalan School in Shoubra El Kheima, were unaware of the health hazards of lead exposure for both themselves and their students.

Main Topics for Communication

- Health hazards of lead pollution.
- USAID’s previous and current efforts to lead pollution in the area.
- The steps local residents, NGOs, and government officials could take in solving the area’s environmental problems.
- The necessity of smelter relocation and remediation and the positive impacts on the community, such as increased land values.

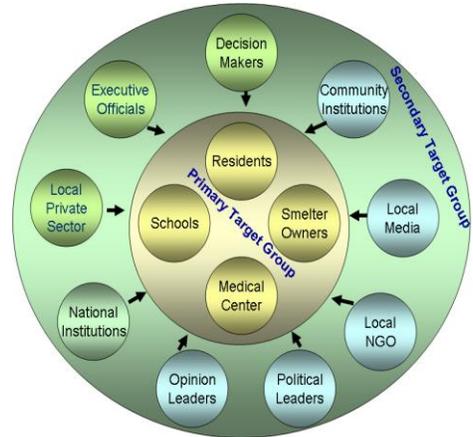
- The majority of women were not aware of how to cook and clean in a manner that would reduce their family's lead exposure risk.

The KAP survey revealed not only the necessity of community education and awareness raising, but also a need to build the capacity of local NGOs and community organizations, which had little experience dealing with environmental problems.

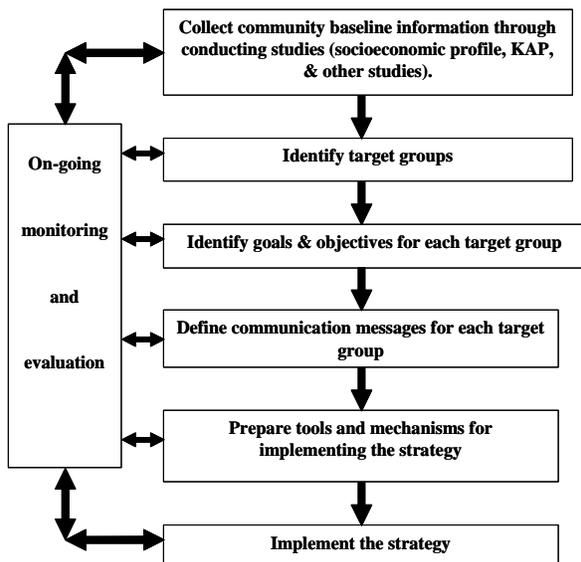
Identification of Target Groups

The project's principal objective in working with target groups was to raise awareness of the hazards of lead pollution and mobilize the adoption of positive behaviors and attitudes towards participating in the remediation process, with the ultimate goal of ensuring sustainability.

As a result of the KAP survey, the project staff identified target populations for its communications activities, which were divided into primary and secondary groups. The Primary Target Group is the group directly affected by the pollution from the secondary lead smelters in the Shoubra El Kheima East District, such as the area residents, and the staff who work at polluted sites. The Secondary Target Group is comprised of key stakeholders and influential community leaders. This includes decision makers, effective community institutions, and private sector business owners. Secondary target groups were chosen because of their ability to convey relevant messages to primary target groups (many are influential with the community) and because they are crucial to ensuring the sustainability of the project's message. The project worked to encourage the secondary groups to implement policies and decisions to address the area's environmental problems, especially lead pollution.



Customized Communications Approaches



Project staff identified goals, objectives, and messages appropriate for each target group, as well as a set of approaches, mechanisms, and tools to implement the strategy. Feedback and evaluation mechanisms were built into the communications process, allowing project staff to make adjustments as necessary. The chart at left shows the communications process used by the project. Local stakeholders were involved in planning and implementing many of the project's principal communication and education activities, ensuring that the activities were responsive to community needs. In many cases, implementing these

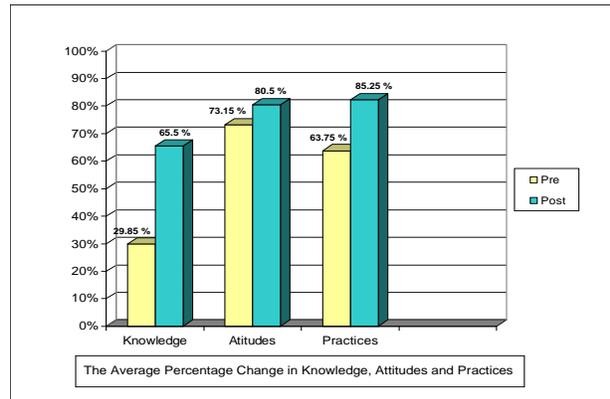
activities through local groups required the project to make significant investments in human capacity building.

To effectively reach diverse groups within the community, the project created a wide variety of communications tools to properly tailor messages to each target group. Many of these tools proved highly successful and will be discussed further in the next section.

COMMUNICATIONS ACTIVITY OUTPUTS

The following describes the communications activity outputs during the life of the project.

- **Approximately 23,000 people educated about lead pollution.** Over the course of the project 1,004 meetings and events were held with an attendance of about 23,000 people. These meetings and events helped educate the community about the nature and severity of industrial pollution in Shoubra El Kheima, while encouraging residents to take part in the remediation process and adapt measures to reduce their families' exposure to lead.



The results of the KAP surveys conducted pre and post of the project activities in the area reflect a development in knowledge by 35.6%, in attitudes by 7.3%, and in practices by 21.5%, as seen in the figure.

See Appendix 1: Training and Communication Events Database

- **Relationships with community stakeholders established.** The project engaged a wide variety of stakeholders in Shoubra El Kheima, including schools, health centers, libraries, NGOs, religious organizations, and the local government. The working relationships established with these organizations allowed the project to leverage its efforts and reach thousands of local residents with its message.
- **Communities given a voice in the remediation process through Scoping Sessions.** Per USAID Environmental Impact Assessment and Egyptian Environmental Affairs Agency (EEAA) Environmental Assessment requirements, scoping sessions were held with local communities prior to all remediation activities. These sessions provided residents with the opportunity to meaningfully participate in the remediation process. Project staff facilitated the scoping sessions by delivering pre-session trainings which helped familiarize local residents with the scoping process.



- **Roadmaps for remediation.** Prior to the remediation of each smelter site, the project helped negotiate an agreement between the smelter owners and the Governorate of Qalyoubia (GOQ). These agreements clearly delineated the steps to be taken, the timeline, and defined each side's respective roles and responsibilities in the remediation process. Remediation activities were then conducted in accordance with the agreement. For non-smelter sites, the project helped negotiate similar agreements with the relevant authorities.
- **Creation of innovative and appropriate communications tools.** The project produced a wide variety of communication materials, including brochures, posters, videos, activity books, and even a puppet show. Many of these communication materials were initiated by the project's local partner organizations and developed with project technical assistance.
- **Cultivation of community leaders equipped and empowered to carry on the project's work.** The project made significant investments of both time and money to build the human and technical capacity of its local partner organizations. By focusing on building the leadership capacity of these community organizations, the project's legacy is a core group of informed and empowered local leaders who will continue the project's work. Local partners have already held more than 120 community education events and reached about 4,000 people without any direct project assistance.
- **Effective reporting mechanisms for community feedback.** Feedback loops and reporting mechanisms were built into the project's communication approach from the outset, allowing project staff to continuously update and refine their techniques. These mechanisms also make it easy for project staff to monitor and evaluate the dissemination of the project's messages.
- **Community infrastructure and tools which will have long term impacts.** The project has invested in the creation of infrastructure and tools which have already been or will be turned over to local partners. Industrial Pollution Desk reference sections have already been established at the Shoubra El Kheima Public Library and the EEAA headquarters in Cairo. An environmental education curriculum for primary and middle school students, developed in partnership with local teachers, has become an essential element of the educational program for several area schools and will remain in use for the foreseeable future. The project website, which contains a wealth of information in both Arabic and English, will be incorporated into the EEAA website after the project ends and remain a resource for future remediation work in Egypt.
- **Egyptian counterparts that are invested in project success.** From the beginning of the project, the staff worked closely with its Egyptian counterparts (EEAA and the GOQ) to develop a good working relationship by informing them of project plans and involving them in the decision making process. In return, the counterparts have provided crucial support by helping to resolve issues and regularly attending meetings and events.
- **An informed public.** Project staff worked with local and national media outlets to disseminate information related to project activities and results, as well as to promote and lobby for remediation activities across Egypt. These lobbying efforts were



often undertaken in conjunction with national organizations, such as the Integrated Care Society. Prior to big events, such as inaugurations, the project held round table meetings to brief journalists. The project also played a role in publicizing and facilitating the Government of Egypt's long-term effort to relocate all polluting industries from Shoubra El Kheima to the new Al Safa Industrial Zone outside in Abu Zaabal.

COMMUNICATION ACTIVITIES

Local Advisory Committees

The initial studies conducted by LIFE-Lead described the local community and identified the communication and public participation target groups. LIFE-Lead decided to work with certain organizations and community leaders to implement the communication and community participation plan, and involve these secondary target groups in communicating the project's messages to the community through capacity building and technical assistance.

The project selected influential members of the community to be members of local advisory committees. Local Advisory Committee members met on a regular basis to set plans for communication, awareness, and public participation activities in the area. As needed, sub-committees were formed to focus on certain areas including the Education Advisory and the Health Advisory Committees. During the meetings of all committees, specific activities were chosen and the roles and responsibilities of each partner were defined.

This cooperation helped integrate active community organization and members into the project's plans and activities. The developed work plans were then used as preliminary plans with each of the community entities working with the project. These organizations are now fully capable of setting community participation plans focusing on environmental protection. The organizations included local area schools; Shoubra El-Kheima Public Library; Bahteem Cultural Center; community religious institutions, and Shoubra El Kheima Health Department.

See Appendix 2 – Local Advisory Committee Reports

Capacity Building

The capacity building approach used by the project was to first provide the key secondary stakeholders with the necessary skills through training workshops and direct technical assistance. The project then encouraged the stakeholders to conduct their own communication and community participation activities, while providing the needed supervision and assistance. This ensured that by the end of the project, all stakeholders were capable of planning for and conducting communication and community participation activities that focus on environmental protection, thus sustainability was attained.

For example, early in its first phase, the project conducted a communication skills workshop for the key members of some of these organizations to better qualify them for cooperating with the project and then planning and conducting communication activities themselves.

See Appendix 3 – Report on Communication Skills Workshop

The project conducted periodical meetings with several community organizations, as a part of its capacity building plan. These meetings aimed at constant planning, technical assistance, and follow-up of all activities (see Appendix 15 for a list of follow-up meetings).

Outreach Workers

According to its communication strategy, the project planned to train, encourage, and sometimes employ, community organizations and individuals to convey its awareness messages to the primary target groups. LIFE-Lead also chose young outreach workers from the community youth. They were all active new graduates who mostly had an academic background in community service. LIFE-Lead project trained these workers on communication methods and on conveying the project's messages to the community. The project's communication team met regularly with the outreach workers for continuous technical assistance, capacity building, and follow-up. The outreach workers conducted community awareness seminars on lead and heavy metal pollution for adult education classes, medical center visitors, religious institutions' visitors, and other community gatherings, and provided written reports on all their work.



See Appendix 4 – Outreach Workers Reports

Schools

Shroubra El Kheima's schools were among LIFE-Lead's primary target audiences because young children are extremely vulnerable to the health effects of lead pollution and because several of the area's schools were severely polluted. The project remediated two area schools. A wide variety of activities were implemented to educate and engage the community through the school system as describe below.

Involvement of El Shahid Ahmed Shalaan and Delta Solb Schools in the Remediation Process--

At the beginning of the project, several meetings and workshops were held for both schools teachers and administrative staff to inform them about the LIFE-Lead project, the hazards of lead pollution the school is exposed to, and the remediation activities expected to take place at their schools. These activities also aimed at preparing and encouraging the staff of both schools to participate in the project's scoping sessions, and inform them of their roles in maintaining the results of remediation after it is finished. All staff of both schools attended the awareness and planning workshops and this ensured their further cooperation at all later stages of the project.

School Awareness Activities--

Awareness activities involving school students included an Awareness Day for Children conducted at the Kablat School for the school children of the area. During the day, the children were given a presentation about lead pollution in the area and the efforts made to minimize its harmful effects. Children were divided into two groups under the supervision of their teachers. The first group attended an art workshop where they drew and colored paintings about environmental pollution and a cleaner environment. The



second group visited nearby homes to experience informing the community of the lead pollution problem in the area and simple measures that can be taken for protection and prevention of its hazards. The day ended with sports and an environmental contest of questions that the children can answer using the LIFE-Lead brochure for protection against lead pollution. The final event of the day was presenting the plays of the Bahteem Cultural Center about lead and water pollution. By the end of the day, children and teachers were aware of the lead problem in their area and the simple measures that can be taken for protection and prevention of its hazards.

LIFE-Lead employed its community outreach workers to conduct several awareness seminars at the schools of the area. The seminars aimed at informing the school students of the hazards of lead pollution and how to prevent them, as well as the roles they can play in protecting their environment from such pollution. These seminars were conducted at the remediated schools, as well as other schools in the area that the project cooperated with to implement several communication activities.

School Competitions--

Classroom learning was reinforced by several extracurricular activities designed to engage not only students, but also their parents and the larger community. The project organized competitions between five primary and secondary schools in Shoubra El Kheima as a fun way for students to apply what they have been learning. A quiz-bowl style tournament held at the local library provided a forum for children to show off their environmental knowledge before their parents and local government officials. Winning teams earned savings bonds, as well as bragging rights. The event also featured a junior parliament activity where students acted as community leaders discussing local issues. Another competition asked students to come up with creative ideas for improving environmental conditions at their school. Students at one school started a recycling program, while others fashioned decorations from old potato chip bags and pencil cases from aluminum cans. Cleanliness competitions between schools provided a powerful incentive for students to take responsibility for cleaning up their immediate environment.

School Camps--

Since it is often difficult for area schools to attract teachers and get funding for activities like art and music education, the project organized short “Environmental Camps” for students to be creative while learning. An 11-year old named Gehad, one of 143 participants, summarized the value of the camps for Shoubra’s students, “the camps were great for us because they really let us indulge our creative side.” The camps were held at the El Shahid Ahmed Shalaan and Delta Solb Schools after the completion of project remediation activities.



The purpose of the camps was to raise the students’ awareness of the dangers of lead pollution in the area of Shoubra El-Kheima and its health hazards, as well as to introduce them to the simple measures that can be taken for protection and prevention, the different ways to keep school clean, and their role in maintaining this cleanliness. During the camps, children were involved in cleaning activities, art workshops where they drew and colored paintings about environmental pollution and a cleaner environment, and seminars regarding the danger of the

lead pollution problem in the area and simple measures that can be taken for protection and prevention of its hazards. The camps ended with environmental contests among groups of students; the contests focused on the main camp topics. The final events of the camps were presenting the students main understanding of the pollution in Shoubra El-Kehima and what to do to prevent it and protect themselves and their families against its dangers. After both camps, children and teachers were more aware of the roles they can play in maintaining the remediation results at their schools.

Sustainability Workshops--

LIFE-Lead has also conducted several sustainability workshops at the remediated schools to ensure the maintenance of the results of the remediation works. As a result of these workshops, the staffs of the schools came up with several ideas, which included incorporating environmental messages in morning assemblies, cleaning activities, and environmental activity groups. These activities are currently integrated in daily and weekly school activities.

Daily morning assemblies always include environmental protection messages. Also, every Thursday, certain school classes are chosen to participate in cleaning activities to engage the students in maintaining their school and explain to them the best cleaning methods that protect them and their environment. Classes alternate every week. Under the supervision of their teachers, students have formed environmental activity groups that are concerned with environmental protection and awareness.

Supplementary Booklets--

LIFE-Lead cooperated with the Education Department of East Shoubra El Kheima and some of its local school teachers through a series of workshops to integrate environmental messages into the standard curriculum for a wide range of subjects and created activity books featuring colorful and easy-to-understand messages. The first drafts of these booklets, which were developed during the early workshops, were used by teachers at their schools. Further workshops were then conducted after the drafts were tested to finalize them based on their actual use in the classrooms. The final booklets are among the project's communication tools that were mainly designed and tested by local school teachers. Such a tool proved effective for students aged 10 and above, however, project staff realized that the messages were too complicated for younger children and created simpler communication tools, such as a puppet show, to reach this demographic.



See Appendix 14 – Reports for the Workshops on Educational Supplementary Booklets

LIFE-Lead's involvement with the schools has proven to be transformative. At the schools which were remediated, the dropout and absence rates have fallen sharply and students have more pride in their schools. The story of an 11 year-old, is illustrative of these changes. Prior to the remediation of El Shahid Ahmed Shalaan School, his father had refused to send him there, even though it was the school closest to their home, because of the conditions. Once it was remediated, his father changed his mind, and Ahmed is now one the school's best students. Ahmed notes, "Before the involvement of the project kids didn't know about the lead problems, but now they know the danger."

See Appendix 5 - Event Reports of School Activities

Religious Institutions

After the KAP survey revealed that religious leaders are highly trusted by the community, the project sought their support for delivering its messages. Leaders learned about the severity of the community's industrial pollution problem. The leaders then worked with project staff to develop community outreach plans and created brochures for their congregations that discuss environmental concerns from a religious perspective. After participating in the workshops, leaders of both faiths began talking about local environmental issues during religious services and community meetings. By incorporating awareness messages into their weekly sermons, the priests and sheikhs taught thousands of people about the effects of pollution and how they can protect their families.



LIFE-Lead also cooperated with church religious leaders to train volunteer community workers to include the project's messages in their community service visits and activities, which proved to be a successful method to reach the community residents. In addition, LIFE-Lead outreach workers conducted several awareness seminars at congregational religious gatherings at the mosques and churches in the area.

See Appendix 6 – Religious Leaders Event Reports

Shoubra El Kheima Public Library

Before its cooperation with LIFE-Lead, the Shoubra El-Kheima Public Library had a low visitor count. Although it is a well-equipped library, the area residents were not very encouraged to use it. LIFE-Lead first approached the Integrated Care Society, a national NGO to which the library is affiliated, and the library management to develop a communications plan. Based on this plan, the library started implementing environmental activities that included environmental seminars and competitions. The library also cooperated with other community organizations to implement awareness activities. This new environmental role increased the library's popularity in the community and better advertised its activities. The library surveys showed that the numbers of visitors increased after the cooperation with LIFE-Lead and other community organizations.

LIFE-Lead partnered with the public library in Shoubra El Kheima to organize workshops and contests designed to raise awareness about pollution and attract new library patrons. Library staff assisted by leading workshops which taught contestants how to conduct research and write articles, and the project held public information sessions at the library. The contests generated



more than 75 entries. This successful collaboration helped quadruple the number of daily visitors to the library. Many first-time visitors became paying members who now take advantage of the library's other resources, including low-cost English and computer courses.

With project assistance, the library has also created a new Industrial Pollution Desk reference section that provides community members with books and other reference materials on pollution, as well as access to multimedia equipment. The new space, unique to Egypt, is a resource that will help the community continue to sustain its focus on industrial pollution awareness after the project is over. LIFE-Lead also facilitated a meeting between the library and local schools, who had not had a formal relationship previously, and now the schools are sending classes to the library on a regular basis. There, students visit the Industrial Pollution Desk and use its multimedia equipment to watch the videos and plays produced by the project.



The library also hosted several school visits to introduce the lead pollution problem to the students. An art exhibition was also held at the library, which presented the art works of the library visitors about environmental problems.

See Appendix 7 – Report on Library Activities

Bahteem Culture Center

Unlike the Shoubra El Kheima Public Library, the Bahteem Culture Center in Shoubra El Kheima was a very popular and active community organization long before LIFE-Lead started working with it. Therefore, it was one of the project's initial partners in the community. The center had excellent relations with the local community and was used as a good example to encourage other community organizations to cooperate with the project on environmental protection. The center's staff, especially its director, were very receptive to the project's message and began to look for ways they could spread the word to the community. The main output of the collaboration with Bahteem was the play, *Our Beautiful Life* (see box). Under Dr. Aziz's direction, Bahteem has been a center of community education efforts about lead. The dozens of children who visit daily learn about lead through the play, environmental competitions, art projects, and a slideshow developed by Dr. Aziz's staff, which uses the story of a school field trip to teach children how to protect themselves against lead.



The center also produced other communication tools, such as a slideshow story on lead pollution and remediation at the El Shahid Ahmed Shalaan School. The story was told at the children visitors of the center, while the pictures representing the scenes were shown using a slide projector.

The culture center also conducts awareness seminars for adults, which include the communication messages of LIFE-Lead. To date, almost 4,000 people have attended events

about lead pollution at Bahteem. These activities are now built into the program at Bahteem and will continue after the project ends.

See Appendix 8 – Report on Bahteem Culture Center Activities

Kablat and Other Medical Centers

Sixty-seven community seminars were held at the Kablat and other medical centers. These seminars, attended by over 1,400 women, were led by the community outreach workers trained by LIFE-Lead, and informed women about the hazards of lead pollution and how they can protect their families.

See Appendix 9 – Report on Medical Center Activities and See Appendix 3 – Outreach Workers Reports for Medical Centers

Shoubra El Kheima Health Department

One of the activities at the Shoubra El Kheima Health Department was on health education. Health educators are a group of nurses and midwives who were trained to educate the community on different health related subjects. To sustain project communication activities and messages, this group was selected as a community active group that was used to reach women and other local residents in order to encourage them to protect themselves and their families from lead hazards. The LIFE-Lead project in cooperation with the Shoubra El Kheima Health Department conducted an orientation workshop in order to establish capacity building and the follow up process to qualify the midwives and nurses to incorporate the project messages in the seminar topics for their monthly plans.



Sixty-seven nurses and mid-wives from the Health Department were given specific training by the project, so they could conduct awareness seminars with women at the medical center and local youth clubs. The project also developed a set of visual aids for the mid-wives and nurses to use to educate women.

See Appendix 10 – Report on Health Department Activities

Environmental Impact Assessment Scoping Sessions

LIFE-Lead conducted five Environmental Impact Scoping Sessions for all sites intended to be remediated. These scoping sessions aimed at ensuring the participation of community representatives and leaders in the decision making processes concerning remediation activities through obtaining their feedback on the remediation activities. Several means were used to get proper feedback from session attendees, including: presentations, discussions, and forms to be filled out by the attendees and sent to the project after the session. Scoping session attendees included representatives from the GOQ and its districts; the Education Directorate Agency for Educational Buildings and School; the parliament and the local popular councils; local NGOs; the Health Directorate; smelter and foundry owners; universities; lawyers; consultancies and contractors; local media; EEAA; youth centers and cultural and social affairs organizations; the

General Authority for Industrial Development; Shoubra El-Kheima Public Library; Bahteem Cultural Center; and local schools.

Before each session, a number of meetings with concerned governmental officials, NGO's, community representatives, smelter owners and others were held to inform them of the expected remediation works, coordinate all activities, facilitate the sampling and site characterization phase of the project, and to collect primary data for the Environmental Impact Assessment. These meetings ensured the effective participation of stakeholders in the scoping sessions, because they were provided with all the required information prior to the sessions.

The scoping sessions proved to be an effective community participation tool, because initially, the community leaders were quite reluctant about participation and did not have enough confidence that their voice would be heard. Through these sessions, the direct interaction between those leaders and the decision makers and the project representatives, as well as the actions taken in response to the community's needs and concerns, proved to the leaders that their participation is essential. Each scoping session witnessed more effective participation and interaction between local leaders and decision-makers.

See Appendix 11 – Report on Scoping Sessions

General Public/National Media

Media events were organized by project staff before the release of major project deliverables, such as the Blood Lead Level (BLL) Report, and project events, such as the remediation guidelines workshop. These events helped bring the project's work and the need for remediation in Egypt to a wider local and national audience.

Do Your Part Cleanup Campaign

LIFE-Lead's local advisory committee in Shoubra El Kheima organized the "Do Your Part Cleanup Campaign." Committee members recruited volunteers from the area's schools, community centers, mosques, and churches to involve residents, especially youth, in a massive campaign to remove trash and debris from city streets. LIFE-Lead provided volunteers with shirts, hats, tools, and safety equipment, while the local sanitation department provided the trucks and heavy equipment necessary to transport the trash to proper disposal areas. In September 2006, more than 70 volunteers worked over two weekends to remove nearly 160 tons of solid waste that had blighted the community. Shoubra El Kheima and LIFE-Lead celebrated the successful collaboration by inviting the volunteers to a celebration at the local cultural center. More importantly, inspired by this example of community involvement, residents are now paying more attention to where they toss their trash, and local officials are promising to hold more cleanup days.

See Appendix 12– Report on the Do Your Part Cleanup Campaign

Adult Education Classes

These classes are provided by the Education Department as a service for the illiterate residents of Shoubra El-Kheima to learn reading and writing and continue further education stages. These classes were conducted in the evening at the schools of the area, and some of them were conducted at El Shahid Ahmad Shalaan School. This encouraged LIFE-Lead to use these classes to disseminate its communication messages to the community residents. LIFE-Lead

arranged with the Education Department to conduct environmental awareness seminars for these classes, and used its outreach workers, who were trained to deliver all messages in a simplified manner. Using adult education classes for direct communication with the residents proved to be a very successful approach, especially that the category of residents who attended these classes was different from those who visited other community organizations like the library or the culture center. Awareness seminars for these classes provided more direct communication with this category, which would have not been reached through awareness activities conducted by community organizations like the culture center or the library, since they addressed more educated population categories.

See Appendix 13 – Report on Adult Education Classes

Nile Media Center

This center is an active media center in the community that has had a long experience in environmental awareness activities through its cooperation with EEAA. In an early scoping session, the head of the center offered to cooperate with the project to raise the awareness of the community and introduce the concept of remediation and protection against the hazards of lead and heavy metal pollution. The center hosted several environmental awareness seminars for groups such as religious leaders and local and national media representatives. LIFE-Lead also benefited from the strong relations and contacts that the center already had with the community and its opinion leaders.

GENDER PERSPECTIVE

The project made significant efforts to mainstream gender considerations into project activities. Specific trainings were designed to reach women in Shoubra El Kheima. A good example of such activities are the training and capacity building activities conducted for the nurses and midwives of Shoubra El Kheima who serve the women of the area.

See Appendix 10 – Nurses and Midwives Training



COMMUNICATION TOOLS

LIFE-Lead produced several communication tools and provided assistance to community organizations that produced other communication tools.

See Appendix 15 – Report on LIFE-Lead Communication Tools

LESSONS LEARNED

The communications activities conducted by LIFE-Lead were constantly changing to meet the needs of the community. The following describes the lessons learned during the project:

- Building a culture of public participation is often necessary, especially for scoping activities. Residents of poor and marginalized communities in Egypt such as Shoubra El Kheima are often unaccustomed to participating in the public decision making processes. This makes it necessary to engage and inform community members before

holding important meetings, such as scoping sessions, to ensure they understand both the nature of the problems facing their community and what options exist. To be successful, meetings and activities must be carefully planned and project staff must follow up to ensure outcomes are understood and implemented. Convincing people that they can play a role in environmental protection is especially challenging, because many think that environmental cleanup is the government's job and that industrial pollution problems are outside of their control.

- Consistent, constant communication and engagement with stakeholder groups is essential. The project had to undertake a long-term participatory engagement with the community in order to become a trusted partner. This is a time consuming process, requiring repeated visits and meetings, but it pays off in the end. Previous projects working in Shoubra El Kheima often failed to build long-term relationships within the community, resulting in community skepticism towards outside projects. For example, staff held awareness meetings with local religious figures at the project's outset to try and engage this influential group of community leaders. At first, the priests and sheiks were reluctant to participate, but after project staff consistently asked for their input and engaged them in the planning process, they became crucial partners.
- Concentrate on movers first and they can mobilize others. At first, a few organizations in the community were more receptive to the project's message and more willing to take action, so the project focused on developing these relationships. Concentrating on building these key relationships first proved to be a good strategy, because these organizations then motivated others. For example, the Bahteem Culture Center was one of the project's earliest and most enthusiastic partners. Once the project established a good working relationship with Bahteem, the center's staff helped introduce and promote the project in the community.
- Promise and then deliver on your promises. Many people in Shoubra El Kheima were initially skeptical of the project's ability to deliver its promised program. However, once the project realized some of its initial objectives and the community saw tangible results, attitudes changed. Achieving visible technical results can reinforce communication and outreach activities. In the case of the El Shahid Ahmed Shalaan School, the technical work of remediating the school was carried out in conjunction with community outreach efforts. Once residents saw the "hard" results of remediation, they were much more willing and motivated to participate in "soft" activities, such as education and community mobilization.
- Engage local leaders in project activities. Informed and engaged community leaders can educate others and bring attention to a project's message. To integrate the project's environmental protection message into the curriculum in Shoubra El Kheima's schools, the project first educated teachers about local environmental problems. Then, through a series of workshops, the project worked with the teachers to help them embed environmental messages in the teaching of different subjects like social studies, math, and Arabic. The project followed up on this work by organizing school environmental competitions, which engaged both students and teachers. Local government officials helped judge the competitions and hand out prizes, conveying legitimacy to the effort and making the competitions true community events where students were recognized and rewarded for their hard work.

- Take advantage of community resources. Some of the project's best resources were properly trained local residents. The project hired several community members to conduct its initial Knowledge, Attitudes, and Practices (KAP) survey. The four best surveyors (2 men, 2 women) were retained by the project and trained as part time outreach workers, who engaged in face-to-face communications work. As they were already well known by local residents and familiar with the community, they were able to quickly and effectively reach important target audiences.
- Community resources need to be coordinated. Shoubra El Kheima has a range of local institutions, such as schools, libraries, religious organizations, and NGOs that often do not work together effectively, if at all. One method used by the project to address this problem was the creation of a multi-sectoral local advisory committee where these different groups met regularly and networked. The project also used its events as means of bringing disparate organizations together. For example, during the community cleanup campaign organized by the project, each member of the advisory committee was asked to participate by nominating 10 youths. Another example is the project's work with the local library, which had done little to reach out to the community prior to the project's arrival. The project facilitated a meeting between the library and local schools, and now the schools are beginning to send classes to the library on a regular basis. There, students visit the Industrial Pollution Desk, built with project assistance, to watch the videos and plays produced by the project.
- Look for mutually beneficial arrangements. The Shoubra El Kheima Public Library, like many in Egypt, was having trouble attracting new patrons until working with LIFE-Lead. Project staff saw an opportunity to use the library as a vehicle for community education and a means of getting new customers in the door. The project held a series of community outreach events, including competitions featuring prizes, at the library. Attendees were encouraged by project staff to join the library and take advantage of its other resources, including low-cost classes. This effort worked, as the number of daily visitors to the library quadrupled.
- Make the message relevant to the target audience. While industrial pollution is a clear threat to the health of Shoubra El Kheima's residents, the community also suffers from other, more visible, pollution problems, such as trash-strewn streets. To make the project's environmental awareness messages relevant to the community's situation, it was necessary to do activities which addressed some of the more obvious environmental problems, not just industrial pollution, which is harder to observe and understand. The project accomplished this by combining its outreach and education efforts surrounding industrial pollution with activities to address the garbage problem, such as community and school cleanup days and contests.
- Flexibility and continual improvement are key to success. The project often had to make adjustments when the original plans did not work. This was especially important in designing outreach messages and materials. For example, when it became apparent that the communication materials about lead pollution which had been developed for 5th and 6th graders were inappropriate for younger children, the project created a puppet show to reach this demographic.
- The medium is the message. Easily understood and locally relevant communication materials are very important. Instead of hiring an outside company to produce

communication materials, the project took a bottom-up approach and worked with community members to develop media, such as a video drama aimed at housewives and a play for schoolchildren, which were produced and consumed locally. While outside products would have looked more professional, they would not have been as effective in reaching the target audience. This approach required the project to be flexible. For example, when staff tried to engage women in the community using traditional communication and outreach approaches, these fell flat, because they were not relevant to the local situation. However, by filming a video drama in the community using local people and locations, the project found a communications tool which has helped change everyday behaviors. This focus on locally appropriate communications materials meant avoiding some traditional communications materials, such as a project newsletter or promotional brochures, even though they had been requested by the project's government partner, because these materials would have been ineffective in the local context.

- External factors can impact project work and must be acknowledged. While there has been significant progress in cleaning up industrial pollution in Shoubra El Kheima, there are still major pollution problems in the area which are outside of the project's scope. Thus, while a project's scope may be relatively small, it is important to have the bigger picture in mind. For example, the Delta Solb steel mill is still operating and emitting pollution which falls on the nearby school. It was difficult to convince students at this school to participate in environmental cleanup activities, because their efforts were undone over the space of a weekend. The project acknowledged and addressed these external problems by coordinating with local government officials and the EEAA, especially around Delta Solb. It is expected that the factory will be outfitted with better pollution control systems as part of another project.
- Even severe environmental problems may not be among a community's biggest concerns. Despite the severity of Shoubra El Kheima's industrial pollution problems, many residents have more pressing concerns, such as poverty, unemployment and illiteracy. Moreover, many community members, especially men, work in factories or smelters and felt that by participating in project activities, they were working against their personal economic interests. The project had to be sensitive to the reality that some residents are more worried about their jobs than pollution.

Appendix 1:

**Training and Communication
Events Database**

Communication and Public Participation Table of Events

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
<u>Capacity Building Activities Conducted by LIFE</u>							
	Communication Skills Workshop	June 22-23, 2005	1	3 months	11	6	17
	Teachers' Workshop for Developing Environmental Booklet	Jan 31 to Feb 2, 2006	1	3	32	10	42
	Orientation Session on Draft Supplementary Environmental Booklet	March 12, 2006	1		32	11	43
	Discuss the final of the Supplementary Booklet and the Activities Booklet with the School Teachers	March 01, 2007	1		25	5	30
	Planning final Booklets with Delta Solb school teachers	March 19, 2007	1		6	2	8
	Field Research Stages and Skills Training	July 16 to July 19, 2007	1	4	8	12	20
	Lead Information Desk Training	October 23 to 25, 2007	1	3	6	8	14
	Total:		7		120	54	174
<u>Ongoing Training & Capacity Building for Nurses & Mid-wives</u>							
	Seminar at El Kablat Medical Center Nurses and mid-wives	August 8, 2007	1		0	30	30
	Seminar for Nurses and mid-wives of Shoubra El Khemia Health Department	November 1, 2007	1		0	12	12
	Seminar for Nurses and mid-wives of Shoubra El Khemia Health Department	November 18, 2007	1		0	15	15
	Seminar for Nurses and mid-wives of Shoubra El Khemia Health Department	December 9, 2007	1		0	20	20
	Seminar for Nurses and mid-wives of Shoubra El Khemia Health Department	December 23, 2007	1		0	20	20
	Seminar for Nurses and mid-wives of Shoubra El Khemia Health Department	January 8, 2008	1		0	30	30
	Seminar for Nurses and mid-wives of Shoubra El Khemia Health Department	January 27, 2008	1		0	30	30
	Seminar for Nurses and mid-wives of Shoubra El Khemia Health Department	February 10, 2008	1		0	30	30

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
	Seminar for Nurses and mid-wives of Shoubra El Khemia Health Department	March 17, 2008	1		0	30	30
	Total:		9		0	217	217
	Grand Total:		16		120	271	391
Communication Activities To Support Sites Remediation							
Project Ceremonies							
	LIFE-Lead Launching Meeting	October 13, 2004	1		22	16	38
	Ahmed Shaalan School Inauguration	October 03, 2005	1		78	38	116
	Hand-over Event of Smelter Sites to Owners	June 14, 2006	1		32	8	40
	El Kablat Medical Center Inauguration	May 08, 2007	1		105	62	167
	Agreement signing ceremony of relocation smelters from Shoubra El Khemia to Abou Zabaal	June 27, 2007	1		40	7	47
	Total:		5		277	131	408
Scoping Sessions							
	Scoping Session for Ahmed Shaalan School & 5 Smelters	February 02, 2005	1		65	17	82
	Scoping Session for Delta School	April 5, 2006	1		55	30	85
	Scoping Session for El-Kablat Medical Center and the Two Smelters	August 9, 2006	1		43	18	61
	Scoping Session for El Kablat Primary School	April 04, 2007	1		41	21	62
	Scoping Session for Cupper Smelter	July 18, 2007	1		17	5	22
	Total:		5		221	91	312
Local Advisory Committee Meetings							
	Local Advisory Committee Meeting	January 26, 2005	1		11	4	15
	Education Committee Meeting 1	March 12, 2005	1		11	4	15
	Education Committee Meeting 2	May 16, 2005	1		15	7	22
	Health Committee Meeting 1	June 14, 2005	1		10	4	14
	Local Advisory Committee Meeting 2	December 28, 2005	1		19	12	31
	Local Advisory Committee Meeting 3	March 26, 2006	1		24	10	34
	Local Advisory Committee Meeting 4	May 24, 2006	1		44	11	55
	Local Advisory committee Meetig 5	February 21, 2007	1		36	4	40
	Education Committee Meeting 3	November 5, 2007	1		14	2	16
	Total:		9		184	58	242

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
Clean-Up Campagin							
	Meeting to Plan for Clean-up Campaign	July 31, 2006	1		8	4	12
	Awareness Day for youth for Clean-up campaign	September 4, 2006	1		55	17	72
	Clean-up campaign for youth on (Sept 5,6) at shoubra el khemia	September 5 & 6, 2006	1	2	60	17	77
	Clean-up campaign for youth on (Sept 11,12) at shoubra el khemia	September11 & 12,2006	1	2	60	18	78
	Total:		4		183	56	239
Religious Leaders Events							
	Religious Leaders and Local Media Representatives First Workshop - Nile Media Center	April 03, 2006	1		27	14	41
	Religious Leaders and Local Media Representatives Second Workshop - Nile Media Center	May 31, 2006	1		23	13	36
	Meeting with the volunteer social workers of the diocese	December 15, 2006	1		16	32	48
	Meeting with the diocese to follow up their plans	December 26, 2006	1		1	2	3
	Workshop for the volunteer social workers of the diocese	March 12, 2007	1		12	15	27
	Meeting with Shoubra El Khemia Priest and the church outreachers	June 11, 2007	1		2	5	7
	Meeting with Shoubra El Khemia Sheihk	June 14, 2007	1		1	4	5
	Workshop for El Sheihks of the mosques	June 25, 2007	1		30	2	32
	Meeting with Shoubra El Khemia Sheihk to activate the plan of the outreachers seminars at the mosques	July 11, 2007	1		2	2	4
	Community Seminar on Lead Pollution Hazards at Shoubra El Khemia Church	July 11, 2007	1		4	70	74
	Community Seminar on Lead Pollution Hazards at Shoubra El Khemia Church	August 8, 2007	1		0	19	19
	Community Seminar on Lead Pollution Hazards at Shoubra El Khemia Church	August 9, 2007	1		10	15	25
	Total:		12		128	193	321
Awareness Seminars for Mosques conducted by Outreachers							
	Community Seminar on Lead Pollution Hazards at El-Dakhakany Mosque	January 17, 2007	1		143	7	150
	Community Seminar on Lead Pollution Hazards at El-Dakhakany Mosque	January 29, 2007	1		143	7	150
	Community Seminar on Lead Pollution Hazards at El-Dakhakany Mosque	February 5, 2007	1		143	7	150

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
	Community Seminar on Lead Pollution Hazards at El Wehda El Arabia Mosque	July 15, 2007	1		95	12	107
	Community Seminar on Lead Pollution Hazards at Ahmed Salim Big Mosque	July 22, 2007	1		74	36	110
	Community Seminar on Lead Pollution Hazards at El-Saheed Moshad Mosque	July 25, 2007	1		75	26	101
	Community Seminar on Lead Pollution Hazards at Reyad Alsalaheen Mosque	July 26, 2007	1		100	30	130
	Community Seminar on Lead Pollution Hazards at El Wehda El Arabia Mosque	November 6, 2007	1		38	0	38
	Community Seminar on Lead Pollution Hazards at Ahmed Salim Big Mosque	November 7, 2007	1		48	0	48
	Community Seminars on Lead Pollution Hazards at El Salam Mosque	November 13, 2007	1		28	0	28
	Community Seminar on Lead Pollution Hazards at El Hadrawey Mosque	November 15, 2007	1		30	0	30
	Community Seminar on Lead Pollution Hazards at The Islamic Mosque	November 19, 2007	1		30	0	30
	Community Seminar on Lead Pollution Hazards at Abou El Hana Mosque	November 21, 2007	1		35	0	35
	Total:		13		982	125	1107
<u>General Awareness Seminars</u>							
	Women and Environment Seminar	March 29, 2005	1		2	26	28
	World Environment Day	June 7, 2005	1		24	19	43
	Orientation for Adult Teachers of El Rahman NGO	August 16, 2005	1		4	9	13
	Awareness Seminar for Working Women at Bahteem Culture Center	August 21, 2005	1		2	32	34
	Community Seminar on Lead Pollution Hazards for Women	August 27, 2005	1		6	31	37
	Community Seminar on Lead pollution Hazards for Men	September 10, 2005	1		33	9	42
	Workshop at Youth Centers of Shoubra El-Kheima	March 1, 2006	1		6	6	12
	Communication Workshop for the Local NGOs of Shoubra El-Kheima	June 8, 2006	1		24	3	27
	Community Seminar at the Local Community NGO of El-Margoushi	June 28, 2006	1		19	12	31
	Total:		9		120	147	267

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
<u>Awareness Seminars for El Kablat Medical Center</u>							
<u>Conducted by Outreachers</u>							
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	August 6, 2006	1		0	29	29
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	August 10, 2006	1		0	33	33
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	August 13, 2006	1		0	25	25
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	August 17, 2006	1		0	25	25
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	August 20, 2006	1		0	33	33
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	August 24, 2006	1		1	26	27
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	August 27, 2006	1		5	20	25
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	August 31, 2006	1		0	25	25
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	September 7, 2006	1		0	23	23
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	September 10, 2006	1		0	29	29
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	September 14, 2006	1		0	24	24
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	September 17, 2006	1		0	22	22
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	September 21, 2006	1		0	23	23
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	September 28, 2006	1		0	24	24
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	October 1, 2006	1		0	25	25

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	October 8, 2006	1		0	17	17
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	October 12, 2006	1		0	21	21
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	October 15, 2006	1		2	17	19
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	October 19, 2006	1		0	23	23
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	October 22, 2006	1		0	21	21
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	November 2, 2005	1		2	23	25
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	November 5, 2006	1		0	31	31
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	November 9, 2006	1		0	23	23
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	November 12, 2006	1		0	20	20
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	November 16, 2006	1		0	19	19
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	November 19, 2006	1		0	16	16
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	November 22, 2006	1		0	30	30
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	November 26, 2006	1		2	25	27
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	December 14, 2006	1		0	23	23
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	December 17, 2006	1		0	25	25
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	December 21, 2006	1		0	20	20

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	December 25, 2006	1		3	18	21
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	January 11, 2007	1		2	21	23
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	January 18, 2007	1		0	20	20
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	January 25, 2007	1		0	19	19
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	February 1, 2007	1		1	10	11
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	February 4, 2007	1		0	23	23
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	February 11, 2007	1		2	23	25
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	February 15, 2007	1		1	23	24
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	February 22, 2007	1		0	21	21
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	March 01, 2007	1		0	25	25
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	March 08, 2007	1		0	18	18
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	March 08, 2007	1		0	18	18
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	March 18, 2007	1		0	21	21
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	March 22, 2007	1		3	22	25
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	March 25, 2007	1		0	17	17
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	April 05, 2007	1		0	25	25

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	April 08, 2007	1		0	23	23
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	April 12, 2007	1		0	22	22
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	April 19, 2007	1		0	19	19
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	April 29, 2007	1		0	26	26
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	May 05, 2007	1		0	10	10
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	May 06, 2007	1		0	13	13
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	May 24, 2007	1		0	21	21
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	May 27, 2007	1		0	22	22
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	May 31, 2007	1		0	19	19
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	June 03, 2007	1		0	23	23
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	June 07, 2007	1		0	26	26
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	June 10, 2007	1		0	19	19
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	June 14, 2007	1		0	24	24
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	June 17, 2007	1		0	27	27
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	June 21, 2007	1		0	21	21
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	June 24, 2007	1		0	18	18

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	June 28, 2007	1		0	23	23
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	July 1, 2007	1		0	19	19
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	July 12, 2007	1		0	18	18
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	July 15, 2007	1		0	20	20
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	July 22, 2007	1		0	22	22
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	July 26, 2007	1		0	14	14
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	July 29, 2007	1		0	26	26
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	August 19, 2007	1		0	21	21
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	August 26, 2007	1		0	17	17
	Total:		72		24	1577	1601
Other Schools Activities							
	Introducing the project and Remediation work for Ahmed Shaalan School (pre scoping meeting)	December 08, 2004	1		24	18	42
	Awareness Day for Children at El Kablat School	September 12, 2005	1		45	51	96
	Camp at El Sahid Ahmed Shaalan Primary School	February 7,8, 2007	2	2	50	35	85
	Introducing the project and Remediation work for El Kablat School (pre scoping meeting)	March 29, 2007	1		34	19	53
	Camp at Delta Solb Secondary School	August 23, 2007	1		39	19	58
	Total:		6		192	142	334
Conducted by Outreachers							
	Community Seminar on Lead Pollution Hazards for Students at Ahmed Shaalan School	February 19, 2007	1		57	57	114
	Community Seminar on Lead Pollution Hazards for Students at Ahmed Shaalan School	February 26, 2007	1		48	48	96

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
	Community Seminar on Lead Pollution Hazards for Students at Ahmed Shaalan School	March 05, 2007	1		56	46	102
	Community Seminar on Lead Pollution Hazards for Students at Ahmed Shaalan School	March 13, 2007	1		43	48	91
	Community Seminar on Lead Pollution Hazards for Students at Ahmed Shaalan School	March 20, 2007	1		38	43	81
	Community Seminar on Lead Pollution Hazards for Students at Delta Solb School	March 27, 2007	1		66	0	66
	Community Seminar on Lead Pollution Hazards for Students at Ahmed Shaalan School	March 28, 2007	1		50	56	106
	Community Seminar on Lead Pollution Hazards for Students at Delta Solb School	April 02, 2007	1		67	0	67
	Community Seminar on Lead Pollution Hazards for Students at Delta Solb School	April 04, 2007	1		122	0	122
	Community Seminar on Lead Pollution Hazards for Students at Metwally El Sharawy School	April 10, 2007	1		15	11	26
	Community Seminar on Lead Pollution Hazards for Students at Delta Solb School	April 11, 2007	1		38	0	38
	Community Seminar on Lead Pollution Hazards for Students at Metawally El Sharawy School	April 15, 2007	1		15	10	25
	Community Seminar on Lead Pollution Hazards for Students at Delta Solb School	April 16, 2007	1		66	0	66
	Community Seminar on Lead Pollution Hazards for Students at Metawally El Sharawy School	April 17, 2007	1		16	12	28
	Community Seminar on Lead Pollution Hazards for Students at Delta Solb School	April 18, 2007	1		109	0	109
	Community Seminar on Lead Pollution Hazards for Students at Delta Solb School	April 22, 2007	1		63	0	63
	Community Seminar on Lead Pollution Hazards for Students at Delta Solb School	April 30, 2007	1		69	0	69
	Community Seminar on Lead Pollution Hazards for Students at Delta Solb School	May 02, 2007	1		56	0	56

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
	Community Seminar on Lead Pollution Hazards for Students at Delta Solb School	May 07, 2007	1		58	0	58
	Community Seminar on Lead Pollution Hazards for Students at Naguib Mahfouz School	November 13, 2007	1		35	0	35
	Community Seminar on Lead Pollution Hazards for Students at 23 July School	November 13, 2007	1		0	41	41
	Community Seminar on Lead Pollution Hazards for Students at El Kablat School	November 14, 2007	1		28	0	28
	Community Seminar on Lead Pollution Hazards for Students at Private Zosar School	November 15, 2007	1		15	15	30
	Total:		23		1130	387	1517
<u>Shoubra El Khemia Public Library Workshops and Events</u>							
	Seminar and Contest Announcement at Shoubra El Kheima Public Library	August 10, 2005	1		96	68	164
	Planning for Lead Information Desk at Shoubra El Kheima Library	August 29, 2006	1		4	5	9
	Planning for Competition Committee with the Library Staff	April 11, 2007	1		11	0	11
	Planning with the Head of Shoubra El Khemia Library to arrange for Lead Information Desk	June 14, 2007	1		3	5	8
	Environment Education Tournament between 5 Schools and Bahteem Culture Center	April 19, 23, 2007	1	2	75	51	126
	Puppet Show to children at Shoubra El Khemia public library	June 21, 2007	1		17	37	54
	Heavy Metal Awareness Seminar & Competition for Shoubra El Khemia Children	August 13, 2007	1		27	35	62
	Participating in the celebration of "Reading National Campaign 2007"	Sept 23, 2007	1		200	150	350
	Total:		8		433	351	784
<u>Adult Education Classes conducted by Outreachers</u>							
	Community Seminar on Lead Pollution for Adult Education Classes at Ahmed Shaalan School	December 19, 2005	1		5	34	39
	Community Seminar on Lead Pollution for Adult Education Classes at Ahmed Shaalan School	December 21, 2005	1		6	30	36
	Community Seminar on Lead Pollution Hazards for Adult Education Class at El-Kablat School	February 26, 2006	1		3	27	30

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
	Community Seminar on Lead Pollution Hazards for Women - Adult Education Classes at Ahmed Shaalan School	June 15, 2006	1		0	35	35
	Community Seminar on Lead Pollution Hazards for Women - Adult Education Classes at Ahmed Shaalan School	August 2, 2006	1		0	33	33
	Community Seminar on Lead Pollution Hazards - Adult Education Classes	August 8, 2006	1		0	40	40
	Community Seminar on Lead Pollution Hazards for Women - Adult Education Classes at Ahmed Shaalan School	September 18, 2006	1		2	35	37
	Community Seminar on Lead Pollution Hazards for Women - Adult Education Classes at Ahmed Shaalan School	November 27, 2006	1		17	8	25
	Community Seminar on Lead Pollution Hazards for Women - Adult Education Classes at El Shak Khaled School	December 21, 2006	1		8	14	22
	Total:		9		41	256	297
<u>Awareness & Sustainability of Remediation</u>							
	Meeting with El-Kablat Medical Center	May 3, 2005	1		3	5	8
	Maintaining Remediation Activities at Ahmed Shaalan School Meeting	November 16, 2005	1		21	24	45
	Meeting with Ahmed Shaalan School Head	December 15, 2005	1		3	7	10
	Awareness and Planning event for Delta Solb School Staff	July 10, 2006	1		45	6	51
	Orientation and Planning Day at El-Kablat Medical Center	August 3, 2006	1		14	35	49
	Meeting with the staff of Delta Solb School to draft a plan to maintain and sustain the school remediation activities	December 14, 2006	1		58	16	74
	Orientation session for Shoubra El Khemia East Distract pharmacies	June 24, 2007	1		18	10	28
	Awareness and Planning event for El Kablat Medical Center Staff	July 14, 2007	1		15	28	43
	Awareness Seminar for El Kablat School BOT	November 14, 2007	1		34	14	48
	Awareness Seminar for Delta Solb School BOT	November 21, 2007	1		29	3	32
	Total:		10		240	148	388
	Grand Total:		185		4155	3662	7817
<u>Planning coordination and Follow-up Meetings with Community Organizations and Counterparts</u>							
	Meeting with East Shoubra El-Kheima Education Directorate Head	December 01, 2004	1		2	2	4
	Meeting with Shoubra El-Kheima Public Library Head	December 29, 2004	1		1	2	3
	Meeting with East Shoubra El-Kheima District Head	January 3, 2005	1		1	3	4

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
	Introduction Meeting with Integrated Care Society	January 11, 2005	1		2	2	4
	Meeting with EEAA to present KAP	January 25, 2005	1		6	8	14
	Meeting with EEAA CDECA Department - Community Participation Strategy	March 23, 2005	1		2	4	6
	Meeting with Integrated Care Society	April 3, 2005	1		10	6	16
	Meeting with East Shoubra El-Kheima District Head	May 3, 2005	1		1	4	5
	Meeting with East Shoubra El-Kheima Education Directorate Head	May 16, 2005	1		1	3	4
	Planning Meeting with Integrated Care Society	June 9, 2005	1		2	3	5
	Meeting with Shoubra El-Kheima Public Library	July 26, 2005	1		1	7	8
	Meeting with Bahteem Cultural Center	July 26, 2005	1		3	4	7
	Meeting with Bahteem Cultural Center - Dr. Essam Nasr	August 13, 2005	1		4	4	8
	Meeting at Ahmed Shaalan School	November 16, 2005	1		2	5	7
	Meeting with Bahteem Cultural Center	November 21, 2005	1		1	4	5
	Meeting with Shoubra El-Kheima Public Library	November 21, 2005	1		1	4	5
	Meeting with Ahmed Shaalan School Head	November 21, 2005	1		2	5	7
	Meeting with Bahteem Cultural Center	November 30, 2005	1		3	4	7
	Meeting with East Shoubra El-Kheima District Head	December 7, 2005	1		3	5	8
	Meeting with Hayati NGO	December 7, 2005	1		1	5	6
	Meeting with Bahteem Cultural Center	December 7, 2005	1		3	4	7
	Meeting with Bahteem Cultural Center	December 15, 2005	1		3	4	7
	Meeting with the Association for Protection of the Environment (APE)	January 25, 2006	1		1	4	5
	Meeting with the Association for Protection of the Environment (APE)	February 9, 2006	1		3	5	8
	Meeting with ICS	February 28, 2006	1		3	4	7
	Meeting with APE	March 8, 2006	1		0	5	5
	Meeting with Tahsin Project	March 9, 2006	1		4	5	9
	Meeting with Nile Media Center	March 12, 2006	1		0	5	5
	Meeting with Tahsin Project	March 19, 2006	1		6	6	12
	Meeting with Rotary	May 30, 2006	1		2	3	5
	Meeting with East Shoubra El-Kheima District Head	November 19, 2006	1		1	1	2
	Meeting with the Head of Youth Center of Shoubra El-Kheima	November 26, 2006	1		9	1	10
	Meeting with East Shoubra El-Kheima District Head for planning the planting day	February 01, 2007	1		5	2	7

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
	Meeting with Field Researchers at LIFE-Lead Office with School Teachers for preparing for Delta Solb Camp	August 16, 2007	1		6	3	9
	Meeting with Mansour El Hosni to arrange for new activities with the schools and library	October 23, 2007	1		1	4	5
	Grand Total:		35		96	140	236
Activities conducted by the community / counterparts							
Bahteem Culture Center							
	Activities at Bahteem Cultural Center: Seminars: 6 events on Saturdays during July (2nd, 9th, 16th, 23rd, & 30th) and early August (6th) Workshop: One event Children's Parliament: One event	July to August, 2005	6		205	475	680
	" Our Beautiful Life " Play at Bahteem Culture Center (5 events)	Aug 15,16,17,18,21, 2005	1		350	600	950
	School visits to Bahteem Cultural Center - August to December, 2005	Aug 15, 16, 29 - Sept 26 - Oct 12 - Nov 8, 13, 16, 19, 21, 22, 23, 26, 27, 29 - Dec 4, 5, 2005	19		141	250	391
	School visits to Bahteem Cultural Center - December 24, 2005 to March 30, 2006	Dec 24, 26, 29, 31, 2005 - Jan 15, 19 - Feb 6, 8, 12, 19, 20, 22, 27, 28 - Mar 1, 7, 12, 14, 20, 22, 26, 28, 30, 2006	23		110	486	596
	Activities at Bahteem Cultural Center: Seminars: 12 events include the play "Our Beautiful Life" and Projector slide show	July 9,20, August 8,13,16,21,27, September 3,11,13,28, 2006	12	12	280	555	835
	End of Clean-up campaign party at Bahteem Cultural Center	September 13, 2006	1		100	200	300
	School visits to Bahteem Cultural Center - March to September, 2006	March 12,22, April 16,17,23, May 9,11,21, July 17,23,26,30, September 25,30 ,2006	14	14	124	430	554

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
	School visits to Bahteem Cultural Center - October to November, 2006	October 8,15,16,30, November 6,8,13,14,15,19,20,21,22,29,30, 2006	15	15	160	260	420
	School and Institute visits to Bahteem Cultural Center - December, 2006	December 3,4,6, 9,13,14,17,18,21,24, 2006	10	10	90	210	300
	School visits to Bahteem Cultural Center April to June, 2007	April 3,4,12,19,24,26, June 25,26,28, 2007	9	9	115	130	245
	" Our Beautiful Life " Play at Bahteem Culture Center (7 events)	May 14,17,23, June 6,9,12,19, 2007	7	7	155	245	400
	World Environmental Day at Bahteem Culture Center	June 5, 2007	1		40	50	90
	School visits to Bahteem Cultural Center July to Sept, 2007	July 1,2,8,17,19,25,31, Aug1,12,13,20,23,26,28, 30, Sept2,9,11,16,25, 2007	11		90	195	285
	Activities at Bahteem Cultural Center: Seminars include the play"Our Beautiful Life" and Projector slide show	July 8,19,31, Aug 20,26,30, Sept 2,16,25, 2007	9		115	190	305
	School visits to Bahteem Culture Center October to December, 2007	Oct 24,31, Nov 4 to 8,12,14,15,18,19,20,21, 22,25,27,28,29, Dec 2, 2007	20		153	279	432
	Celebrating Ramadan Night at Bahteem Culture Center with Culture & Art Activities	Oct 4, 6, 2007	2		175	225	400
	Art workshop for Children at Bahteem Culture Center	Oct 24 to 29, 2007	1	6	30	50	80
	Celebrating Children Day for 9 Schools at Bahteem Culture Center	Nov 26, 2007	1		100	300	400
	Training Course for Adult Education Classes at Bahteem Culture Center	December 1 to 8 , 2007	1	8	10	20	30
	Seminars for Adult conducting different topics including Lead & other Heavy Metals in Shoubra El Khemia	December 3,5,8,9,11, 12,16,17,27, 2007	10	10	180	200	380

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
	Culture & Art seminars for adults at Bahteem Culture Center	December 2,5,9,12,30, 2007	5	5	75	115	190
	Culture & Art seminars for adults at Bahteem Culture Center	January 2,5,6,8,13,16,17,20,24, 27, 2008	11	11	190	312	502
	School visit to Bahteem Culture Center	January 27, 2008	1		15	0	15
	School visits to Bahteem Culture Center February to March, 2008	February 5,11,14,17,24,25,27, March 5,11,16,18,30, 2008	12	12	75	200	275
	Seminars for Adult conducting different topics including Lead & other Heavy Metals in Shoubra El Khemia	February 20, March 3,9,25,27, 2008	5	5	55		130
	Total:		207		3133	5977	9185
<u>Schools</u>							
	Weekly environmental class and providing environmental information during morning assemblies at Ahmed Shaalan School - November to December, 2005	November to December, 2005	105		362	360	722
	Weekly environmental class and providing environmental information during morning assemblies at Ahmed Shaalan School - January to March, 2006	January to March, 2006	315		1086	1080	2166
	Total:		420		1448	1440	2888
<u>Nile Media Center</u>							
	Seminar on Lead Smelters at Shoubra El-Kheima and Lead Pollution Hazards at Nile Media Center	March 22, 2006	1		11	13	24
	Seminar on the Hazards of Lead Pollution conducted by Community Development NGO at the Industrial Housing Area in cooperation with Nile Media Center and LIFE-Lead	June 4, 2006	1		0	56	56
	Total:		2		11	69	80
<u>Nurses & Mid-wives</u>							
	Community Seminar on Lead Pollution Hazards at Bahteem 1 Medical Center	November 14, 2007	1		0	21	21

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
	Community Seminar on Lead Pollution Hazards at Bahteem 2 Medical Center	November 15, 2007	1		0	35	35
	Community Seminar on Lead Pollution Hazards at Mostored Medical Center	November 17, 2007	1		3	19	22
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	November 17, 2007	1		0	28	28
	Community Seminar on Lead Pollution Hazards at Health four Medical Center	November 19, 2007	1		3	10	13
	Community Seminar on Lead Pollution Hazards at Bahteem Culture Center	November 20, 2007	1		0	20	20
	Community Seminar on Lead Pollution Hazards at Bahteem 1 Medical Center	November 21, 2007	1		0	28	28
	Community Seminar on Lead Pollution Hazards at Bahteem 2 Medical Center	November 26, 2007	1		0	30	30
	Community Seminar on Lead Pollution Hazards at El-Kablat Medical Center	November 27, 2007	1		0	35	35
	Community Seminar on Lead Pollution Hazards at one of the NGOs	November 28, 2007	1		0	40	40
	Community Seminar on Lead Pollution Hazards at Bahteem Youth Center	November 29, 2007	1		3	27	30
	Community Seminar on Lead Pollution Hazards during December at Medical Centers	December 2,3,5,10,12,13,16,17,24,26,30,31, 2007	12	12	100	200	300
	Community Seminar on Lead Pollution Hazards at El Afifi Medical Center	January 1, 2008	1		8	7	15
	Community Seminar on Lead Pollution Hazards at Mostored Medical Center	January 1,15,19,26, 2008	4	4	24	62	86
	Community Seminar on Lead Pollution Hazards at El Kablat Medical Center	January 2,6,29, 2008	3	3	3	41	44
	Community Seminar on Lead Pollution Hazards at Health Department Office Number three	January 3, 2008	1		0	15	15
	Community Seminar on Lead Pollution Hazards at 3oda Mosque	January 3, 9 & 16, 2008	3	3	8	25	33

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
	Community Seminar on Lead Pollution Hazards at Center Bahteem Hospital	January 4,10,16,25, 2008	4	4	18	43	61
	Community Seminar on Lead Pollution Hazards at Bahteem Medical Center for Fever	January 5,13, 2008	2		2	26	28
	Community Seminar on Lead Pollution Hazards at Shoubra Clinic	January 7,16, 2008	2	2	5	45	50
	Community Seminar on Lead Pollution Hazards at Health Department Office Number one	January 7,22, 2008	2	2	13	52	65
	Community Seminar on Lead Pollution Hazards at Mostored Medical Center	January 10 to 14,16 to 24, 26 to 31, 2008	20	20	0	80	80
	Community Seminar on Lead Pollution Hazards at Health Department Office Number four	January 13,28, February 2, 2008	3	3	5	19	24
	Community Semianr on Lead Pollution Hazards at NGO's	January 14,15,28, 2008	3	3	9	40	49
	Community Seminar on Lead Pollution Hazards at El Qalubia Mosque	January 15, 2008	1		3	20	23
	Community Seminar on Lead Pollution Hazards at El Kablat Medical Center Health Club	January 15, 2008	1		1	13	14
	Community Seminar on Lead Pollution Hazards at Bahteem Medical Center	January 16,24, 2008	2	2	7	42	49
	Community Seminar on Lead Pollution Hazards during February for Mid-Wives	February 2,6,7,9,10,14,16,21,22, 23,24,25, & 28, 2008	34	34	0	485	485
	Community Seminar on Lead Pollution Hazards during March for Mid-Wives	March 1 to 6,8 to 13, 2008	12	12	0	110	110
	Total:		121		215	1618	1833
Shoubra El Khemia Public Library							
	Shoubra El Kheima Public library Awareness Activities: 5 events (Aug 10 to Sept 1, Aug 15 to 18, Aug 17 Aug 28, & Sept 17 to 30 Exhibition: One event (Sept 15)	July to September 2005	5		52	102	154
	Prizes distribution at Shoubra El Kheima Library	September 15, 2005	1		78	118	196
	A Seminar to Introduce the Contest on Industrial Pollution at Shoubra El-Kheima Public Library	August 2, 2006	1		39	31	70
	School visits to library during November & December 2007	November 14,18,19,21,26,27,28, Dec 3,8,9, 2007	10		145	136	108

	Event	Date	# of events	Duration	# of Participants		
					Male	Female	Total
	Awareness for Shoubra El Khemia Public Library members	November 17, 2007	1		7	0	7
	Total:		18		321	387	535
	Grand Total:		768		5128	9491	14521
	Grand Total		1004		9499	13564	22965

Appendix 2:

Local Advisory Committee Reports

إجتماع لجنة التعليم الأولى
السبت الموافق 12 مارس 2005
مجلس مدينة شبرا الخيمة

السادة الحضور:

محافظة القليوبية:

اللواء/ فاروق خاطر

الأستاذة/ مرفت حسن محمد

الأستاذ/ مصطفى على حسين

الأستاذ/ عصام الدين زكى حامد

الإدارة التعليمية:

الأستاذ/ منصور حسن الحسينى

الأستاذ/ فوزى مرسى

الأستاذ/ أيمن محمد سلامة

الأستاذ/ جمال الشيمى

الأستاذ/ عفيفى عبد الصادق عفيفى

الأستاذة/ ليلي محمد حسن

جهاز شئون البيئة:

المهندس/ أحمد أبو السعود

المهندس/ هانى نبيل

مشروع لايف:

الدكتور/ خالد عبد العزيز

الأستاذة/ مديحة عفيفى

الأستاذة/ سلوى طباله

رئيس حى شرق شبرا الخيمة

مدير مكتب شئون البيئة بحى شرق

مكتب شئون البيئة بحى شرق

مدير مكتب شئون البيئة بمجلس مدينة شبرا الخيمة

مدير عام الإدارة التعليمية

مدير إدارة التخطيط

رئيس لجنة التعليم بحى شرق

مدير مدرسة محمد متولى الشعراوى

مدير مدرسة نجيب محفوظ الابتدائية

مدير مدرسة الشهيد أحمد شعلان الابتدائية

مدير إدارة نوعية الهواء

إدارة نوعية الهواء

نائب مدير المشروع

مدير مكون الإتصال والتدريب

مسئول الإتصال

- بدأ الإجتماع فى تمام الساعة 12:30 ظهراً وتفضل السيد اللواء/ فاروق خاطر بالترحيب بالحضور ثم قامت الأستاذة/ مديحة عفيفى بعرض أهداف لجنة التعليم والدور المتوقع من السادة أعضائها.
- قام الدكتور/ خالد عبد العزيز بعرض الوضع الحالى والخطة المستقبلية لأعمال المعالجة بمدرسة الشهيد أحمد شعلان الابتدائية. وعرض الجدول الزمنى للأعمال الذى يبدأ 2 يونية وينتهى 15 أغسطس 2005. وتم الموافقة على ملائمة الموعد للإدارة التعليمية.
- قامت الأستاذة/ مديحة بتوضيح أن ما قامت به جمعية حماية البيئة من التلوث بالمدرسة خلال عطلة نصف العام يعد أعمال مبدئية على أن يقوم المشروع بإستكمال أعمال المعالجة اللازمة بالمدرسة خلال فترة الأجازة الصيفية. ويقوم المشروع بالتحفظ على المخلفات الناتجة لحين التخلص الآمن منها بأماكن التخلص المناسبة لكونها مخلفات خطرة.
- قام المهندس/ أحمد أبو السعود بعرض خطة عمل أخذ العينات لأربعة مدارس أخرى بحى شرق وعرض الجدول الزمنى لبرنامج العمل. وقد تم الموافقة على ملائمة الموعد لإدارات المدارس الأربع. وذلك تمهيداً لتقييم مدى التلوث بهذه المدارس وإمكانية إضافتهم إلى مشروع لايف أو إيجاد تمويل جديد خاص بهم.
- تم مناقشة التلوث الناتج عن مسبك أولاد حافظ الملاصق لمدرسة الشهيد أحمد شعلان الابتدائية ومدى تأثيره مستقبلاً على أعمال المعالجة بالمدرسة.
- أوضح السيد اللواء/ فاروق خاطر أن مسبك أولاد حافظ قد وافق على الإلتزام بالعمل يوم واحد فى الأسبوع مع الإلتزام بتنظيف طرقات وفناء وأسطح المدرسة لإزالة التلوث الناتج بالمدرسة، على أن تقوم المدرسة بتنظيف ما عدا ذلك.
- كما أكد سيادته أن مسبك أولاد حافظ قد قام بشراء قطعة أرض بمنطقة أبو زعل وسوف يقوم بإستغلال أرض المسبك القديم كمحطة لتموين الغاز طبيعى.
- وأشار المهندس/ أحمد أبو السعود أن جهاز شئون البيئة قد قام بمخاطبة وزارة التعاون الدولى وهيئة المعونة الأمريكية فى إمكانية تمويل نقل شارع المسابك.
- أكد اللواء/ فاروق خاطر أن شركة الدلتا الصلب تقوم الآن بتوفير أوضاعها البيئية والتحول إلى العمل بالغاز الطبيعى بدأً من الشهر القادم وذلك بعد قيام الحى بتوفير المكان اللازم لوصول شبكة الغاز إليها.
- وقامت الأستاذة/ مديحة عفيفى بعرض خطة عمل برنامج أنشطة المدارس وتم الموافقة على جدول الأعمال من جانب الإدارة التعليمية والسادة مديرى المدارس.

أهم نقاط الإجتماع:

- أوضح السيد اللواء/ فاروق خاطر أنه تم الإتفاق مع مسبك أولاد حافظ أن يتم العمل بالمسبك يوم واحد فى الأسبوع مع إلتزامه بتنظيف ما ينتج عنه من أتربه بالمدرسة. وذلك لحين إتمام الغلق.
- تم التأكيد على إنتهاء العمل نهائياً بمسبك أولاد حافظ قبل بدأ أعمال المعالجة بالمدرسة ويتم إبلاغ صاحب المسبك بهذا الموعد وهو أول شهر يونية.
- تم توزيع إستمارة بيانات أساسية للسادة مديرى المدارس حتى يتم إستكمال بياناتها وتم الإتفاق على أن يتم إرسالها للأستاذة/ ليلى بمدرسة أحمد شعلان فى اليوم التالى ليقوم المشروع بإستلامها.
- يتم تحديد موعد لإجتماع يضم كل من: جهاز شئون البيئة - رئاسة الحى - مسبك أولاد حافظ - مشروع لاي للإتفاق على هذا الموعد وإمكانية تقديم الدعم للمسبك لبدأ العمل بالمنطقة الصناعية الجديدة.
- تم الإتفاق على أن يتم العمل بأعمال التنظيف المعتادة بالمدارس مع إلتزام الإدارة التعليمية بتوفير الميزانية والعمالة اللازمة لأعمال الصيانة عقب أعمال المعالجة بمدرسة الشهيد أحمد شعلان الإبتدائية.
- إقتراح الأستاذ/ منصور الحسينى أن يتم تنفيذ الأنشطة المدرسية للمشروع من خلال النادى الصيفى بمدرسة الشعراوى ويمكن بحث إمكانية تسديد مصروفات الإشتراك بالنادى الصيفى بدلاً عن الطلبة لضمان إشتراكهم.
- تم الإتفاق على أن يتم إجتماع اللجنة فى يوم الأحد الأول من كل شهر على أن يتم إرسال أهم نقاط التى تم الإتفاق عليها باللجنة عقب كل إجتماع.

اجتماع لجنة التعليم الثانية
الاثنين الموافق 16 مايو 2005
مجلس مدينة شبرا الخيمة

السادة الحضور:

محافظة القليوبية:

اللواء/ فاروق خاطر

الأستاذة/ مرفت حسن محمد

الأستاذ/ مصطفى على حسين

الأستاذ/ عصام الدين زكى حامد

الإدارة التعليمية:

الأستاذ/ عزت عبد الحميد جادو

الأستاذ/ عبد الرحمن عبد الفتاح مصطفى

الأستاذ/ فوزي مرسى

الأستاذ/ جلال حامد محمد خضر

الأستاذ/ أيمن محمد سلامة

الأستاذ/ جمال الشيمى

الأستاذ/ عفيفي عبد الصادق عفيفي

الأستاذة/ ليلي محمد محمد حسن

الأستاذ/ محمود محمد جاد

رئيس حي شرق شبرا الخيمة

مدير مكتب شئون البيئة بحي شرق

مكتب شئون البيئة بحي شرق

مدير مكتب شئون البيئة بمجلس مدينة شبرا الخيمة

مدير إدارة مدرسة الدلتا الإعدادية

مدير أول مدرسة الكابلات الابتدائية

مدير إدارة التخطيط

مدير التعليم الابتدائي

رئيس لجنة التعليم بحي شرق

مدير مدرسة محمد متولي الشعراوى

مدير مدرسة نجيب محفوظ الابتدائية

مدير مدرسة الشهيد أحمد شعلان الابتدائية

مدرس بمدرسة الشهيد أحمد شعلان الابتدائية

قصر ثقافة بهتيم:

الأستاذ/ حامد عبد العزيز غنيم

مدير قصر ثقافة بهتيم

جهاز شئون البيئة:

المهندس/ أحمد أبو السعود

المهندس/ هاني نبيل

الأستاذة/ أمال طه

مدير عام الإدارة العامة لنوعية الهواء

إدارة نوعية الهواء

مدير إدارة التوعية الطلابية

المعونة الأمريكية:

الأستاذة/ أماني جمال الدين

المشرف على مشروع لايف

مشروع لايف:

الدكتور/ خالد عبد العزيز

نائب مدير المشروع

الأستاذة/ مديحة عفيفي

مدير مكون الاتصال والتدريب

الأستاذة/ سلوى طباله

مسئول الاتصال

الأستاذة/ دينا علاء

مساعد التدريب والاتصال

- بدأ الاجتماع في تمام الساعة 2:00 ظهراً وتفضلت السيدة/ مديحة عفيفي بالترحيب بالحضور ثم الاتفاق على محضر الاجتماع الأول للجنة.

إنجازات المشروع

قام الدكتور/ خالد عبد العزيز بعرض الوضع الحالي للمشروع وما تم إنجازه خلال الفترة الماضية بما في ذلك التدريب على الصحة والسلامة و معالجة المواقع الملوثة بالرصاص التي تمت للشركات لتمكينهم من دخول المناقصة التي سوف تطرح خلال هذا الأسبوع.

موقف أعمال التطهير ومعالجة مدرسة أحمد شعلان

تم مناقشة إمكانية تأجيل الدراسة في العام الدراسي القادم بمدرسة الشهيد أحمد شعلان في حالة تأخر أعمال التطهير والمعالجة عن الموعد المتوقع وهو أوائل شهر يوليو حتى أواخر شهر سبتمبر، وعليه تقرر أن يقوم المشروع بإعلام مديرية التعليم والمدرسة في حينه بالمواعيد المقترحة للتأجيل حتى تتمكن من اتخاذ اللازم من إجراءات.

نتائج دراسة عينات الدم

أشار اللواء/ فاروق خاطر إلى دور محافظة القليوبية وما اتخذته من إجراءات للحد من التلوث بالرصاص حيث أثبتت نتائج دراسة عينات الدم التي قام بأخذها المجلس القومي للمرأة من تلاميذ المدارس أن نسب الرصاص في دم الأطفال أقل من المعدل العالمي (10 ديسيليتير).

مسبك أولاد حافظ

- أشار اللواء فاروق خاطر إلى اهتمامه بمسبك أولاد حافظ من حيث خطة نقله ومساعدته عن طريق توفير منح أو قروض له حتى يتيسر له نقل المسبك. وتم الموافقة على استغلال مكان المسبك ليكون محطة للغاز الطبيعي. تم الضغط على صاحب المسبك لدفع 218 ألف جنيه لشراء قطعة أرض في المنطقة الصناعية وسوف يتسلمها خلال أسبوع وسوف يبدأ إجراءات النقل. وأشار اللواء/ فاروق خاطر أنه حاليا يتم التعاون مع باقي المسابك الأخرى لنقلهم خارج شبرا الخيمة.
- طلبت الأستاذة/ ليلي بترحيل مدخل المدرسة من أقصى اليمين إلى أقصى اليسار حتى تكون بعيدة عن محطة الغاز المزعم إنشائها بموقع المسبك.
- أشار المهندس/ أحمد أبو السعود إلى أن صاحب مسبك أولاد حافظ ناقش مع المشروع الدانمركي إمكانية إمداده بمنحة لمساعدته في النقل.
- أكد الدكتور/ خالد عبد العزيز على ضرورة نقل مسبك أولاد حافظ قبل أن يبدأ المشروع في عملية معالجة المدرسة حتى لا يتأثر عمل المشروع سلبا من الأدخنة التي تنبعث من مسبك أولاد حافظ حتى لو أنه يعمل يوما واحدا فقط في الأسبوع.

المدارس الأخرى

- قام المهندس/ أحمد أبو السعود بعرض ما تم عمله في المدارس الأخرى بحي شرق شبرا الخيمة وأوضح أن مدرسة الشهيد أحمد شعلان هي الواقعة تحت التأثير المباشر للتلوث بالرصاص وأن نتائج المدارس الأخرى مطمئنة.
- سوف يدرس مشروع لايف مع وزارة الدولة لشئون البيئة والمدارس الأخرى المتطلبات الأساسية لعملية التنظيف وفي الوقت ذاته سوف يتم العمل مع المدارس الأخرى للتعرف على الملوثات الأخرى حتى يتم معالجتها مستقبلا.

خطة محافظة القليوبية للمحافظة على أعمال التطهير

- أبدى أحد أعضاء اللجنة قلقه من الرصاص المتواجد في جدران المسابك وعن إمكانية أن تنتقل هذه الأتربة إلى المدرسة بعد تنظيفها، أجاب المهندس/ أحمد أبو السعود أنه قد تم غلق المصدر فلا يمكن أن تعود الأتربة إلى المدرسة كما كانت، وأضاف اللواء فاروق خاطر أنه سوف يتم تنظيف المسابك يتبعها رصف لكل المنطقة. ويتم حاليا التعاون مع جمعية الرعاية المتكاملة لتكرار تجربة عزبة الوالدة بحلوان مثل

الرصف والإنارة. كما أشار سيادته إلى أنه يتم حاليا إنشاء مدرسة جديدة في أرض المفاولون العرب ويتم إلغاء المنشآت الصناعية وتحويل المنطقة بالكامل إلى منطقة سكنية.

- أشار الدكتور/ خالد عبد العزيز إلى اتفاق التفاهم الذي تم مع هيئة الأبنية التعليمية فيما يخص عمليات الصيانة للمدارس في السنوات المقبلة.

خطة التوعية الخاصة بالمدارس

- قامت الأستاذة/ مديحة عفيفي بعرض الرسائل الأساسية وخطة التوعية الخاصة بالمدارس والأنشطة الصيفية التي سيتم تنفيذها لتلاميذ المدارس والتي تركز على التخطيط للأنشطة المدرسية للعام الدراسي 2006/2005 والتدريب الخاص بالمدرسين، ثم تنفيذ مجموعة من الأنشطة الصيفية بكل من قصر الثقافة والمكتبة لرفع وعي طلاب المدارس.
- تم الاتفاق على استخدام مدرسة الكابلات لتنفيذ مجموعة من الأنشطة الصيفية الخاصة برفع الوعي ومن الممكن أن يقوم قصر الثقافة بتنفيذ مجموعة من الأنشطة الصيفية في المدرسة.
- أضاف مدير قصر ثقافة بهتيم إلى أن قصر الثقافة مفتوح طوال العام وأن معظم مدارس حي شرق تشارك في أنشطة قصر الثقافة، ومن الممكن أيضا إمداد قصر الثقافة بالمطويات والكتيبات للاستعانة بها وتقديمها على شكل أغاني أو مسرحيات أو مسابقات أو فن تشكيلي.
- سيتم وضع خطة بالتعاون مع قصر ثقافة بهتيم لرفع التوعية الخاصة بالتلوث بصفة عامة والتلوث بالرصاص بصفة خاصة على أن يقوم المشروع بتقديم المعونة والدعم الفني في هذا المجال.
- تم الاتفاق على أن يبدأ تدريب المدرسين مع بدء الأجازة الصيفية (منتصف شهر يونيو) حيث تقوم كل مدرسة باختيار عدد من المدرسين للالتحاق بالبرامج التدريبية على أن يتم اختيار المدرسين الأكثر كفاءة ونشاط وحماس لهذا العمل، مع الالتزام بالمجموعة الممثلة لكل مدرسة دون تغيير أعضائها وموافاة المشروع بها.

الاجتماع الأول للجنة الصحة
الاثنين الموافق 14 يونيو 2005
حي شرق شبرا الخيمة

السادة الحضور:

محافظة القليوبية:

اللواء/ فاروق خاطر

الأستاذة/ مرفت حسن محمد

الأستاذ/ أحمد محمد سعد

رئيس حي شرق شبرا الخيمة

مدير مكتب شئون البيئة بحي شرق

مكتب شئون البيئة بحي شرق

الإدارة الصحية:

د/ هدى أنور

أ/ محمد عوض آدم

د/ جمال معوض

أ/ مصطفى حسن طه

أ/ ثروت ناجح

مدير الإدارة الصحية

حاضر عن مدير عام القسم الوقائي

مدير مركز الكابلات الطبي

مدير إدارة المرأة المعيلة ومدير مستوصف السلام

مدير الصحة المدرسية بالمدارس

جهاز شئون البيئة:

المهندس/ أحمد أبو السعود

أ/ أحمد عبد الحكيم

مدير عام الإدارة العامة لنوعية الهواء

الإدارة المركزية للإعلام

الجمعية الشرعية بالبكري - شبرا الخيمة

الأستاذ/ عبد الحميد محمد عبد الحميد

رئيس الاتحاد الإقليمي بالقليوبية

مشروع لايف:

الدكتور/ خالد عبد العزيز

الأستاذة/ مديحة عفيفي

الأستاذة/ دينا علاء

نائب مدير المشروع

مدير مكون الاتصال والتدريب

مساعد التدريب والاتصال

- بدأ الاجتماع في تمام الساعة 11 صباحاً وتفضلت السيدة/ مديحة عفيفي والسيد اللواء/ فاروق خاطر بالترحيب بالحضور والتعريف بأعضاء اللجنة.
- أوضح اللواء فاروق خاطر أن مالك مسبك أولاد حافظ استلم الأرض بأبو زعل في يوم 2005/6/13 .
- كما أشار إلى بروتوكول التعاون الذي تم توقيعه مع أصحاب المسابك في اليوم العالمي للبيئة يوم 7 يونيو 2005.
- أيضاً أشار اللواء فاروق خاطر إلى أن المركز الطبي سوف يدخل ضمن نطاق عمل المشروع في المرحلة القادمة.

عرض عن المشروع وما تم إنجازه خلال الفترة الماضية

قام الدكتور/ خالد عبد العزيز بالتحدث عن مشروع لايف وما تم إنجازه خلال الفترة الماضية. أكد الدكتور خالد على أهمية لجنة الصحة في مواجهة وضع التلوث القائم. فسوف نستعين بأطباء لتوصيل الرسائل للمواطنين بطريقة سهلة.

عرض آثار الرصاص وتقدير المخاطر الصحية له والدراسات التي قام بها المشروع

قامت الدكتورة/ هبة وفا بعرض الآثار والمخاطر الصحية للرصاص وطرق الوقاية.

النتائج الأولية لعينات مركز الكابلات الطبي

قام المهندس أحمد أبو السعود مدير عام الإدارة العامة لنوعية الهواء بجهاز شئون البيئة بعرض النتائج الأولية لعينات مركز الكابلات الطبي وأكد على دور لجنة الصحة في عملية التوعية.

دور أعضاء اللجنة في تعبئة الجهود المحلية وتوصيل الرسائل إلى الجماهير المستهدفة

قامت السيدة مديحة عفيفي مدير مكنون التدريب والاتصال بعرض دور أعضاء اللجنة في توصيل الرسائل إلى الجماهير وتعبئة الجهود المحلية. وقد أسفرت المناقشة على ما يلي:

اقتراحات السادة أعضاء اللجنة

- حصر جميع المستوصفات الطبية بحي شرق وعمل دورات تدريبية لهم.
- بما أن الأطباء على اتصال يومي بالجمهور يقترح عمل ندوات لتعريف الناس بالمشكلة ولتسهيل الاتصال بهم.
- عمل اجتماعات لجميع اللجان مع بعضهم حتى يتكامل عمل هذه اللجان.
- تفعيل دور المواطن عن طريق حثه على إبلاغ الجهات المسؤولة مثل جهاز شئون البيئة عن أية مخالفات بيئية.
- توعية الجمهور من خلال الطبيب أثناء عملية الكشف الطبي عليه فالطبيب محل ثقة للمرضى.
- عمل ندوات للطلبة عن الحماية من التلوث بشكل عام والتلوث بالرصاص بشكل خاص.
- تزويد المراكز الصحية والمستوصفات بالمطبوعات والملصقات والأفلام.
- يمكن استخدام المطبوعات في توعية الجمهور من خلال دور العبادة ولجان الوعظ.
- عمل اجتماعات لجميع الدعاة لتوعيتهم حتى يستطيعوا توعية الجمهور.
- يوجد بشبرا الخيمة 210 جمعية 10% منهم لهم مراكز طبية، فمثلا الجمعية الشرعية بها 4 مراكز طبية (بدران - التوحيد - عرابي - الحرمين) يجب عمل اجتماعات لكل هذه المؤسسات.
- التركيز على توعية الأطفال في المرحلة الابتدائية.
- التنسيق مع مدير الإدارة التعليمية - وزارة التربية والتعليم بحي شرق لتعميم التغذية المدرسية، والحث على تزويد جرعات الحديد بالمدارس.
- يقوم المشروع بالتنسيق لعمل اجتماع للجهات الحكومية مثل وزارة الصحة، وزارة التربية والتعليم ووزارة الشباب.

الخطوات القادمة

- سوف تقوم الدكتورة/ هدى زكري بحصر جميع المستوصفات الطبية بحي شرق وإرسالها للمشروع على أن يتم توضيح الأتي عن المركز:

- المترددين عليع

- المستفيدين من خدماته

- نوعية المستفيدين

وذلك تمهيدا لتدريب العاملين به، ثم قيام هذه المستوصفات بعقد مجموعة من الندوات للسادة المترددين عليه.

أيضا سيقوم المشروع بالتعاون مع الأستاذ عبد الحميد محمد عبد الحميد رئيسي الاتحاد الإقليمي بالقلبوية بحصر الجمعيات الأهلية العاملة في هذا المجال للتعاون معهم مستقبلا.

أجندة اجتماع
لجنة المجتمع المحلي
2005/12/28
مجلس مدينة شبرا الخيمة

- 10:30 – 10:00 تسجيل وترحيب بالسادة الحضور
اللواء/ فاروق خاطر – رئيس حي شرق شبرا الخيمة
الدكتورة/ مواهب أبو العزم – رئيس قطاع نوعية البيئة/جهاز شئون البيئة
- 10:35 – 10:30 الهدف من الاجتماع
أ/ مديحة عفيفي – مدير التدريب والاتصال
- 11:00 – 10:35 عرض الفيلم التسجيلي الخاص بمدرسة أحمد شعلان
عرض الوضع الحالي للمشروع (إنجازات – خطط مستقبلية)
د/ خالد عبد العزيز – نائب مدير المشروع
- 11:30 – 11:00 عرض مجهودات مؤسسات المجتمع المدني والخطط المستقبلية
- مدرسة الشهيد أحمد شعلان الابتدائية (أ/ ليلي حسن)
- قصر ثقافة بهتيم (أ/ حامد غنيم)
- مكتبة شبرا الخيمة العامة (أ/ عمرو عبد السلام)
- 11:45 – 11:30 عرض للخطط الأخرى الخاصة بتحريك المجتمع
أ/ مديحة عفيفي – مدير التدريب والاتصال
- 12:00 – 11:45 مناقشة مفتوحة والإتفاق على الأنشطة والدور المطلوب من أعضاء اللجنة لإنجاز الأنشطة

Event Report

Title

Local Advisory Committee Meeting

Date

March 26, 2006

Venue

Shoubra El-Kheima City Council

Attendees (no., females, males, etc.)

Total: 34

Males: 24

Females: 10

Organizer

LIFE-Lead Project

Purpose

The purpose of this meeting was to inform the project stakeholders of the upcoming scoping session for the remediation activities expected to start in El-Delta Iel-Solb soon. This orientation was needed to prepare the stakeholders to participate actively in the scoping session.

Description

The meeting started with opening remarks by General Fawzy Al-Shamy, Head of East Shoubra El-Kheima District, Mr. Ahmed Abo El-Seoud, Head of the Air Quality Department, EEAA, and Dr. Khaled Abd-el-Aziz, Deputy Manager of LIFE-Lead Project.

Madiha Afifi, LIFE-Lead Training and Communication Manager, then explained the purpose of the meeting and several of the stakeholders briefly presented their activities as follows:

- Mr. Abd-el-Rahman, El-Kablat School:

El-Kablat School has implemented several activities since the Orientation Session for Teachers on the Supplementary Environmental Activity Booklet on March 13, 2006.

Conclusion and Next Steps

**أجندة اجتماع
لجنة المجتمع المحلي
2006/5/24
مجلس مدينة شبرا الخيمة**

أهداف الاجتماع:

- التواصل المستمر مع لجنة المجتمع المحلي
- الموقف الحالي من إنجازات المشروع
- تقديم مشروع تكامل إلى المجتمع المحلي
- مناقشة مفتوحة حول كيفية تعظيم دور اللجنة في التعاون مع المشروعين
- مناقشة مفتوحة حول كيفية الاستفادة من منظمات المجتمع المحلي لتوصيل رسائل المشروعين إلى المجتمع المحلي

11:00 – 10:30	• تسجيل
11:15 – 11:00	• ترحيب بالسادة الحضور
	- السيد اللواء/ محمد سيف الدين - السيد اللواء/ فوزي الشامي - السيدة الدكتورة/ مواهب أبو العزم - السيد الدكتور/ خالد عبد العزيز
	رئيس مجلس المدينة رئيس حي شرق شبرا الخيمة رئيس قطاع نوعية البيئة - جهاز شئون البيئة نائب مدير مشروع لايف
11:30 – 11:15	• الهدف من الاجتماع
	أ/ مديحة عفيفي مدير التدريب والاتصال
12:00 – 11:30	• عرض إنجازات المشروع بشقيه (الفني والمجتمعي)
	إدارة الجلسة أ/ مديحة عفيفي مدير التدريب والاتصال ويقوم كل شريك بعرض ما تم إنجازه من أنشطة
12:45 – 12:00	• عرض لمشروع تكامل والأنشطة المشتركة بين المشروعين
1:00 – 12:45	• مناقشة مفتوحة حول أهداف الاجتماع

Event Report

Title

Education Committee meeting by Life-Lead Project

Date

November 05, 2007

Venue

Shoubra El-Kheima City Council

Attendees (no., females, males, etc.)

Total: 20

Females: 1

Males: 19

The attendees included the following Shoubra EL Kehima east district schools:

- EL Shaheed Ahmed Shallan School Principal and relevant staff
- Delata Solb School Principle and relevant staff
- El Sharawy School Principle and relevant staff
- El Shaimaa School Principle and relevant staff
- El Kablat School Principle and relevant staff
- Head of Ahmed Shallan school board of trustees

Organizer

LIFE-Lead Project

Purpose

- 1- Activate boards of trustees in schools to work against pollution problem in Shoubra El Kehima
- 2- Encourage environmental activities in schools
- 3- Demonstrate a plan for environmental activities in schools

Description

The meeting was lead by Madiha Afifi, Training and Communication Manager, LIFE-Lead Project, to discuss the level of effort needed from the schools to activate the environmental activities in their schools and to encourage children to get engaged in such activities. Also, the meeting aimed to demonstrate a final plan for schools and its board of trustees to encourage these activities. An open discussion was then conducted with the attendees to answer their questions and receive their comments and suggestions.

Conclusion and Next Steps

The attendees' cooperative to encourage these activities; each will go-ahead with the needed tasks, it is agreed to have a comprehension meetings with the board to trustees of each school in order to discuss the project activities and next steps.

Event Report

Title

Local Advisory Committee

Date

February 21, 2007

Venue

East Shoubra El-Kheima District

Attendees (no., females, males, etc.)

Total: 40

Females: 4

Males: 36

The attendees included the community organizations as follows:

- Shoubra EL Khima Diocses
- EL Awkaf Authority
- Head of East Shoubra EL Kehima district office and relevant staff
- Media Representatives
- East Shoubra EL Kehima District Environmental Office
- EL Shaheed Ahmed Shallan School Principal and relevant staff

Organizer

LIFE-Lead Project

Purpose

- 1- Introduce the attendees to the project accomplishments.
- 2- Demonstrate the idea of planting the area in-front of EL Shahid Ahmed Shallan School.
- 3- Display the level of cooperation between community organizations in order to achieve the planting event.

Description

The meeting was lead by Madiha Afifi, Training and Communication Manager, LIFE-Lead Project, to demonstrate the projects accomplishment in Shoubra EL Kehima and to discuss the level of effort needed from the community to plant the area in-front of Ahmed Shallan School. An open discussion was then conducted with the attendees to answer their questions and receive their comments and suggestions.

Conclusion and Next Steps

The attendees' cooperative to join the upcoming event each in his place a primary plan has been finalized accordingly; each will go-ahead with the needed tasks, a final meeting will be held within a month to study the accomplishments.

Appendix 3:

Report on Communication Skills Workshop



Lead Pollution Clean-Up
in Qalyoubia

Communication Skills Workshop

June 22-23, 2005

Transportation Officers Club

Communication Skills Workshop

June 22-23, 2005

Introduction:

LIFE-Lead Project implements several capacity building activities for the key stakeholders and influentials who can reach the primary target groups of the Communication and Public Participation Task of the project (Task 2). The key stakeholders and influentials are expected to effectively disseminate the project's messages about industrial pollution, particularly lead pollution, to the local community of the smelters' area of Shoubra El-Kheima. Among the capacity building activities was the Communication Skills Workshop that was held for Shoubra El-Kheima Public Library; Bahtem Cultural Center; relevant personnel Ministry of Education departments at Shoubra El-Kheima; Environmental Affairs Unit of East Shoubra El-Kheima District; and relevant EEAA staff.

Venue:

Transportation Officers Club – Shoubra El-Kheima

Purpose:

The purpose of the workshop was to:

- 1- Inform the participants of the activities of LIFE-Lead Project and the communication messages required to protect the environment of the area.
- 2- Improve the communication skills of the participants.
- 3- Develop communication plans for environmental activities, especially those concerning lead pollution.

Agenda:

Day 1: Wednesday, June 22nd, 2005

09:30 -10:00	Registration
10:00 -10:15	Opening
10:15 - 11:30	LIFE-Lead Project – An Overview (Madiha Afifi - Communication and Training Manager)
	Communication Messages of LIFE-Lead Project (Salwa Tobbala – Communication Specialist)
11:30 - 12:00	Break
12:00 - 01:30	Communication Skills (Dr. Essam Nasr – Professor at the Faculty of Mass Communication, Cairo University)

01:30 - 03:00	Development of Suggested Communication Activities (Dr. Essam Nasr)
	Presentation of Planning and Reporting Forms (Heba El-Toudy – Training Specialist)
03:00 - 03:30	Lunch

Day 2: Thursday, June 23rd, 2005

10:00 - 11:00	Review of Day 1 and dividing the participants into two groups for group work.
11:00 - 12:30	Presentation of group work results.
12:30 - 01:00	Break
01:00 - 02:30	Finalizing Communication Plans
02:30 - 03:00	Lunch

Description:

The first day of the workshop included an introduction to the activities of LIFE-Lead project and its communication messages. This was followed by an interactive presentation of communication skills required for disseminating environmental messages. At the end of the day, two forms were distributed to participants. The first was a planning form that would help them plan the communication activities of their institutions, and the second was a reporting form that would help them communicate the results of their activities. Participants were required to fill out the first form at home so as to present it on the second day of the work shop.

The second day of the workshop included presentations of the individual communication activities' plans that the participants prepared. Participants were then divided into working groups to develop communication activities' plans for their institutions. Two groups were formed: the first group included EEAA; East Shoubra El-Kheima Environmental Affairs Unit; Ministry of Education – East Shoubra El-Kheima District; and Shoubra El-Kheima Public Library. The second group included: Bahteem Cultural Center and EEAA. Both groups presented the communication plans they developed. The plans were documented by LIFE-Lead Project. The project shall work with and coordinate among these institutions to implement the plans and modify them as needed.

Conclusion:

By the end of the workshop, the participants have acquired new communication knowledge and skills. Based on these knowledge and skills, the participants developed

tentative plans for the communication activities for each of their institutions. LIFE-Lead Project shall cooperate with all the participant institutions to finalize these plans and coordinate the activities among them.

Attachments:

- 1- List of Participants**
- 2- Draft Activity Plans of Group Work**
- 3- Draft Individual Plans**
- 4- Final Activity Plan for Shoubra El Kheima General Library developed by LIFE-Lead Project**
- 5- Final Activity Plan for Bahtem Cultural Center developed by LIFE-Lead Project**

**Communication Skills Workshop
June 22-23, 2005**

List of Participants

Shoubra El-Kheima Public Library:

	Name	Job Title	Tel.	Mobile
1-	Rasha Mostafa Mohammad Hassan	Cultural Activities Specialist	4450442	

Bahteem Cultural Center

	Name	Job Title	Tel.	Mobile
1-	Hamed Abd-el-Aziz Afifi	Manager of the Center	2228955	
2-	Nadia Gouda Mohammad	Clerk	2228955	
3-	Osama Mohammad Mostafa	Stage Director	2203599	
4-	El-Sayyed Ramadan El-Sayyed	Author	2277029	
5-	Inas Abd-el-Alim Hassanein	Library Clerk	2228955	

Governorate of Qalyoubia – East Shoubra El-Kheima District

	Name	Job Title	Tel.	Mobile
1-	Abd-el-Rehim Abd-el-Mawgud	Environmental Inspector		0125317866
2-	Ibrahim Ahmad El-Sayyed	Environmental Inspector		0101108410
3-	Ahmad Mohammad Saad	Environmental Inspector		0101108410
4-	Mostafa Ali Hussein	Environmental Inspector		0103788609
5-	Mervat Hassan Mohammad	Head of Environmental Affairs Office		0121091884

Ministry of Education – East Shoubra El-Kheima Department

	Name	Job Title	Tel.	Mobile
1-	Fattuh Fath-Allah Ali	First Science Teacher – El-Delta School	4745019	0127863842
2-	Salama Rizk Abd-el-Wahab	Head of the Preparatory Education Section	2211512	0124464378
3-	Mansour Hussein El-Husseiny	General Director of East Shoubra El-Kheima Education Department		0121624277

EEAA – Central Department for Environmental Communication and Awareness

	Name	Job Title	Tel.	Mobile
1-	Heba Mahmoud Ismail	Responsible for Gender and Children Awareness		0101507986
2-	Amaal Taha	Head of the Student Awareness Department		0106692441
3-	Wael Reda	Communication Department		0122586045

Communication Skills Workshop June 22-23, 2005

Venue: Transportation Officers Club – Shoubra El-Kheima

Results of Group Work

Group I:

- **Amal Taha – Manager of the Students’ Awareness Department – Central Department for Environmental Communication and Awareness – EEAA**
- **Heba Maatuq - Central Department for Environmental Communication and Awareness – EEAA**
- **Abd-el-Rehim Abd-el-Mawgud – Inspector – Environmental Affairs Unit – East Shoubra El-Kheima District**
- **Mostafa Ali Hussein – Inspector – Environmental Affairs Unit – East Shoubra El-Kheima District**
- **Fattuh Fath-Allah Ali – Science Teacher – El-Delta Preparatory School**
- **Rasha Mostafa Mohammad – Shoubra El-Kheima Public Library**

- A children’s march on the opening of the Environmental Festival for Schools (August 15th, 2005). Children shall carry signs with slogans about the lead pollution problem and means of protection.

- Sponsoring activities under the slogan “Protection for All,” as part of the “Reading for All” festival (June 1st to September 15th, 2005).

- Conduct periodical puppet shows for little children at the Puppet Show Theater (June 1st to September 15th, 2005).

- A cleaning campaign outside the schools and a tree-planting campaign at the schools. Tree-planting can take place on the school roof at schools that do not have enough space in their courtyards (August 15th, 2005).

- A competition for best researches on lead pollution written by children aged 12 to 16 years.

- Posters that include pictures, articles, poetry, stories, and cartoons.

- A wall-painting about the hazards of lead pollution and means of prevention.

- A seminar with a responsible governmental official attended by children who visit Shoubra El-Kheima Public Library and who go to school summer clubs.

- Weekly art workshops from July 15th to September 1st, 2005.

- Workshops and discussions at the libraries from August 1st, 2005.

- A seminar for parents at Shoubra El-Kheima Public Library to be attended by parents on August 1st, 2005.
- An art exhibition of the products of the workshops and children's drawings from September 1st to 8th, 2005.
- An evaluation questionnaire to be filled out by children. The questionnaire evaluates the behaviour change of the family concerning the pollution problem. The questionnaire results will be summarized by Shoubra El-Kheima Public Library. A competition will be made and the winning family will be awarded by a best member title (July 1st to September 15th, 2005).

Group II – Bahteem Cultural Center

- **Hamed Ghoneim – Manager of the Bahteem Cultural Center**
- **Inas Abd-el-Alim – Library Clerk – Bahteem Cultural Center**
- **Nadia Gouda – Supervisor of the Chorus Group – Bahteem Cultural Center**
- **Osama Loffy – Stage Director – Bahteem Cultural Center**
- **El-Sayyed Ramadan – Author – Bahteem Cultural Center**
- **Wael Mohammad Reda – Central Department for Environmental Communication and Awareness – EEAA**
- A play to be shown during the last week of July, 2005.
Steps: Rehearsals, implementation, and show.
Target audience: Children and their families (about 200 persons per show night).
Responsible: Manager of the Bahteem Cultural Center
Time: 30 days
Requirements: Assistance with production and preparing show venues
Method: According to the environmental conditions.
- An art celebration during the last week of August, 2005.
Steps: Training the music, show, and folklore group.
Target audience: the community of East Shoubra El-Kheima
Responsible: Manager of the Bahteem Cultural Center
Time: 30 days
Requirements: Preparation of show venues
- Seminars for children, women, and youth.
Two seminars per month (every two weeks), during the months of July and August, for each group.
Responsible: Manager of the Bahteem Cultural Center and staff responsible for women activities.
Target audience: The community of the area.
Requirements: EEAA to arrange with speakers and prepare PA material.

- Recycling Workshop during the first week of August, 2005
Target audience: Children of East Shoubra El-Kheima district.
Requirements: EEAA to prepare the materials to be recycled and the trainers.

- Producing slides/strips that explain scientific issues about lead pollution.
Target audience: Children of Shoubra El-Kheima district.
Requirements: LIFE-Lead Project to prepare the slides/strips.

- Art competitions in: drawing; researches; poetry, and short stories.
Target audience: Competition participants and audience.
Requirements: Certificates of award and books for winners.

- Parliament for children
Steps: Train children on methods of discussion and argumentation.
Responsible: Manager of the Bahteem Cultural Center
Target audience: Children who will participate
Requirements: Assistance to prepare program and material

- Produce five documentary movies
Responsible: Manager of Bahteem Cultural Center and the cinema team at the center.
Target audience: The community of East Shoubra El-Kheima
Requirements: Prepare the material and provide the cost of producing five documentary movies (300 LE per movie).
Venues to show the movies: Schools, youth centers, NGOs, and the Health Center of the area.

Communication Skills Workshop June 22-23, 2005

Venue: Transportation Officers Club – Shoubra El-Kheima

Results of Individual Plans of Participants

1- Osama Mohammad Lotfy – Stage Director – Bahteem Cultural Center

- A 45 minutes play or 5 minutes short scenes.
- The audience for these activities is expected to be around 150 persons per night, mostly families.
- The activities will be advertised using posters, invitations, microphones, and showing the play in public gardens and gathering venues.
- Documentary movies produced by the Cultural Center, using children for acting or voiceover. The documentaries shall be shown in four main areas: El-Kablat Club; El-Kablat NGO; Ismailiyya Canal area, and El-Wehda El-Arabiyya Club. These movies can be shown using a projector and a monitor.
- A song, a short scene, and a puppet show for 45 minutes.
- Using other shows such as the puppet show at El-Kablat Club.
- A show for children using projector stripes.
- Powerpoint presentations during Ramadan.
- Public awareness seminars.
- Photography competition by the Science Club of the Cultural Center. Cost will be 50 LE per photography film.
- Posters
- Distribute the website address to raise the awareness of the children.

2- Hamed Abd-el-Aziz Afifi – Manager – Bahteem Cultural Center

- A children's paintings competition and exhibition at Shoubra El-Kheima to be sponsored by the Head of Shoubra El-Kheima East District and the Governor of Qalyoubia.
- A celebration of the national day of Qalyoubia Governorate (August 30th), which will include songs about the environment.

3- Amal Taha – Manager of the Students' Awareness Department – Central Department for Environmental Communication and Awareness - EEAA

- Produce drawing books for children made of cloth. The children will be asked to draw what they imagine about lead pollution.
- Use the activities of El-Kablat Club and NGO for conducting seminars relevant to lead pollution. Such activities include illiteracy and crafts classes.
- Art competitions.

- Prepare an environmental calendar and an environmental package about lead pollution. The package can include: games, brochures or booklets, a drawing book, a CD that explains the lead pollution problem in the smelters area and its history, etc.
- Produce an issue of *bidhra*, the EEAA environmental magazine for children, that concentrates on lead pollution.
- Booklets and posters.

4- Wael Reda – Communication Department – Central Department for Environmental Communication and Awareness – EEAA

- Competitions that have financial rewards.
- Financial incentives.

5- El-Sayyed Ramadan El-Sayyed – Author – Bahteem Cultural Center

- Encourage researches through competitions.
- Assign a day for the environment and encourage the children to march, wearing single-coloured clothes, e.g. white, in the smelters' street.
- Children's drawings that describe the current situation and the required improvement.
- Short story competitions for youth.
- Puppet shows and workshops for their preparation and implementation.
- Seminars for decision-makers by the project.
- Posters designed and made by children.
- An environmental parliament for local children to discuss the environmental problems of the area with governmental officials.
- Using the local media to raise the awareness of the community.

Planning for Communication Activities to protect the environment from lead pollution

Organization: Shoubra El Kheima General Library

Date: Summer 2005

Tasks & Objective	Steps	Target Groups	Responsible	Timing	Requirements from LIFE/Lead	Estimated Budget
Seminar for kids to orient them about the lead pollution problem & announce the contest.	<ul style="list-style-type: none"> -Prepare the seminar's agenda. -Select the presenters & prepare presentations. -Conduct the seminar. 	Kids	Head of the library & the Activities Specialist.	08/08/05	<ul style="list-style-type: none"> -Participate in the seminar & provide technical assistance. -Seminar's cost. 	300 LE
Contest about the industrial pollution in Shoubra El Kheima for kids from 10-15 years old to select the best: Research. Art work (painting). Picture.	<ul style="list-style-type: none"> -Announce the contest. -Kids' outputs submission. -Evaluate the works & buy prizes. -Announce the winners/celebration. 	Kids	Head of the library & the Activities Specialist.	08/08/05 08/25/05 08/30/05	<ul style="list-style-type: none"> -Provide technical assistance & participation in selecting the best kid's output. -Requirements/celebration. -Buying prizes. 	3,000 LE

Tasks & Objective	Steps	Target Groups	Responsible	Timing	Requirements from LIFE/Lead	Estimated Budget
Contest for adults about the industrial pollution in Shoubra El Kheima for the age older than 16 years to select the best: -Research. -Art Work (painting). -Photo.	-Supply the contest announcement needs. - Contest announcement. -Outputs' submission. -Evaluation of the works/buy prizes. -Announce the winners.	Youth	Head of the library and the Activities Specialist.	08/07/05 08/15/05 11/15/05 11/30/05	-Provide technical assistance and contribute in the cost. -Preparations. -Material for advertisement. -celebration	5,000 LE 4,000 LE
Seminar for adults to orient them about the lead pollution problem & confirm the announcement of the contest.	-Prepare the seminar's agenda. -Select a presenter & prepare presentations. -Conduct the seminar.	Youth	Head of the library and the Activities Specialist.	September	Participate in the seminar's preparation & provide technical assistance.	4,00 LE
Art workshop to support Ahmed Shaalan School by facilitating a 2-3 days workshop & use their products to communicate the project's messages & to sustain the remediation efforts in Ahmed Shaalan School	Prepare the workshop & buy the material. Hire the consultant who will facilitate the workshop. Organize the workshop.	Kids	Head of the library & Activities Specialist	September 1-3	-Provide technical assistance & supply the needs. -Hire the consultant. -Prepare the workshop. -Prepare the material for the ad.	2,000 LE

Planning for Communication Activities to protect the environment from lead pollution

Organization: Bahteem Cultural Center

Date: Summer 2005

Tasks & Objective	Steps	Target Groups	Responsible	Timing	Requirements from LIFE/Lead	Estimated Budget
Play Production	Prepare a play.	Kids & their families	Head of the Cultural Center, playwright & Play Director	Aug-Sep	- Technical Assistance in preparing the play including the script, also making sure that LIFE-Lead messages are clear. - Financial support. - Follow up and monitoring	5,000 LE
	Select the kids.					
	Supply the production requirements.					
	Play rehearsals.					
	Finalize costumes & stage setting.					
	General rehearsal.			08/10/05		
	Perform the play at the Cultural Center's theatre for 5 days.			Aug 15-20		
	Perform the play at the end of the schools' environmental day.			08/18/05		
Make other performances.	Weekly					

Tasks & Objective	Steps	Target Groups	Responsible	Timing	Requirements from LIFE	Estimated Budget
Conducting regular seminars to communicate the messages to youths, kids and women.	<ul style="list-style-type: none"> -Agree on the seminar's subject and prepare the agenda. -Select an instructor. -Confirm the instructor's participation. -Prepare a report. 	Kids, Youths and Working women in Shoubra El Kheima.	Head of Cultural Center.	<ul style="list-style-type: none"> - Monthly seminar for each group in Aug-Sep & continues through the year. - Women seminar starts in the last week of August. 	Participate in the seminar through supplying the publications & provide technical assistance & presentations.	2,000 LE
Parliament Model for juniors.	Prepare the subject matter & the script.	Kids	Head of the Cultural Center& the training team.	Second week of August	<ul style="list-style-type: none"> -Provide technical assistance. -Prepare script. -Train the kids. 	5,00 LE
	Select the kids.			August		
	Train the kids on the scientific way of discussion & dialogue management.			August		
	Performance at the end of the schools' environmental day.			08/25/05		
	Other performances.			September		

N.B the same script will be applied on the 5 schools in East District

Activity Plan through the year

Tasks & Objective	Steps	Target Groups	Responsible	Timing	Requirements from LIFE	Estimated Budget
Prepare the documentaries & the slide projector.	-Prepare the material related to the subject. -Prepare the slides. -Run the slide show.	Kids	Head of the Cultural Center & Cinema Section.	Throughout the school year	Provide technical assistance & participate in the production.	2,000 LE
Art Contests (drawing-library researches-poetry-short story).	-Announce the contest. -Evaluate the works. -Celebrate the winners.	Kids & Youth	Head of the Cultural Center.	Throughout the school year.	-Provide technical Assistance/provide the requirements/celebration. -Prizes.	3,000 LE

Appendix 4:
Outreach Workers Reports

Event Report

Title

Community Seminar on Lead Pollution Hazards for Women

Date

August 27, 2005

Venue

Meeting Hall of East Shoubra El-Kheima District (Dar Al-Diyafa)

Attendees (no., females, males, etc.)

Total: 37

Females: 31

Males: 6

Organizer

Environmental Unit of East Shoubra El-Kheima District and LIFE-Lead Project

Purpose

- 1- Introduce the attendees to the harmful effects of lead pollution.
- 2- Know the level of knowledge of the attendees about lead and its hazards.
- 3- Inform the attendees of measures that can be taken to deal with lead pollution.

Description

The researchers of LIFE-Lead Project introduced lead pollution; the health hazards of lead pollution; the remediation of Ahmad Shaalan School, and using simple measures to protect one's family from the hazards of lead pollution through cleaning and nutrition. An open discussion was then conducted with the attendees to answer their questions.

Conclusion and Next Steps

The attendees were interested to know about lead pollution but their information about it is minimal. They do not differentiate between types of smelters in their area. LIFE-Lead researchers will conduct other similar awareness activities for the community of the area.

Event Report

Title

Community Seminar on Lead Pollution Hazards for Men

Date

September 10, 2005

Venue

Meeting Hall of East Shoubra El-Kheima District (Dar Al-Diyafa)

Attendees (no., females, males, etc.)

Total: 42

Females: 9

Males: 33

Organizer

Environmental Unit of East Shoubra El-Kheima District and LIFE-Lead Project

Purpose

- 1- Introduce the attendees to the harmful effects of lead pollution.
- 2- Know the level of knowledge of the attendees about lead and its hazards.
- 3- Inform the attendees of measures that can be taken to deal with lead pollution.

Description

The researchers of LIFE-Lead Project introduced lead pollution; the health hazards of lead pollution; the remediation of Ahmad Shaalan School, and using simple measures to protect one's family from the hazards of lead pollution through cleaning and nutrition. An open discussion was then conducted with the attendees to answer their questions.

Conclusion and Next Steps

The attendees were interested to know about lead pollution but their information about it is minimal, though their daily life problems, specially alternatives for not working at the smelters.

Summary

Awareness seminars in Shoubra El Kehima

Held By
Outreach Workers

Date

August 2005 through January 2008

Attendees (no., females, males, etc.)

Total: 4,462

Females: 2,345

Males: 2,117

Organizer

LIFE-Lead Project

Objective

- 1- Introduce the local community to the harmful effects of lead pollution.
- 2- Inform the local community members of measures that can be taken to deal with lead pollution and different ways to protect themselves and their families nutrition
- 3- Demonstrate different project messages that are expressed in the project brochure; as follows:
 - What is lead?
 - How lead affects our health?
 - Where do we find health?
 - How to protect our health and our family from hazardous of lead?
 - How to clean?
 - What to eat?

Description

Outreach researchers are a group of five youth (two girls and three boys) from Shoubra el Kehima district who are trained by LIFE-Lead project communication team to hold awareness seminars in different target areas in Shoubra el Kehima (remediated schools, schools surrounded by smelters, mosques, churches, medical centers...etc). The group was selected out of 10 youth who started at the beginning of the project helping in conducting the KAP (Knowledge, Attitudes & Practices) study. The project communication team then found it a very good opportunity to employ these youth to help in community awareness and mobilization activities through out the project life. The group conducts several awareness seminars in Shoubra EL Kehima East District in order to introduce the hazardous of lead pollution and other heavy metals; and how to protect themselves and their families using simple measures of cleaning and nutrition. An open discussion was then conducted with the local community to answer their questions.

All outreach workers awareness seminars were supported with the project's communication tools like project brochures, CDs, documentary videos etc. LIFE-Lead communication team had an on going monitoring and evaluation system to follow up their work, this system included-but not limited to- regular meetings, field visits, seminars role modeling..etc.

Below is a summary of awareness seminars conducted by outreach workers in the above mentioned period:

Seminar Venue	Date	No of Events	Male	Female	Total
1- Kablat Medical Center:					
Community seminars on lead pollution hazardous at Kablat medical center	August,06 through August,07	72	24	1,577	1,601
2- Mosques:					
Community seminars on lead pollution hazardous at El Qalubeia mosques	January through November,2007	13	982	125	1,107
3- Schools					
Community seminars on lead pollution hazardous at Ahmed Shallan Primary School	February through March, 2007	6	292	298	590
Community seminars on lead pollution hazardous at Delta Solb Preparatory School	March through May,2007	10	714	0	714
Community seminars on lead pollution hazardous at Metwally el Sharawy Primary School	April, 2007	3	46	33	79
Community seminars on lead pollution hazardous at Nagieb Mahfouz Primary School	November, 2007	1	35	0	35
Community seminars on lead pollution hazardous at 23 of July Primary School	November, 2007	1	0	41	41
Community seminars on lead pollution hazardous at EL Kablat Primary School	November, 2007	1	28	0	28
Community seminars on lead pollution hazardous at Zosar School	November, 2007	1	15	15	30
TOTAL	February through November, 2007	23	1,130	387	1,517

4- Women Illiteracy Program					
Community seminars on lead pollution hazardous for adults education classes at Shoubra el Kehima schools	December,05 through December, 2006	9	41	256	297
TOTAL SEMINARS FOR OUTREACH RESEARCHERS	August, 2005 through December, 2007	117	2,117	2,345	4,462

Conclusion

Outreach workers were a great asset in conducting community awareness seminars to Shoubra el Kehima local community, having them from Shoubra el Kehima residences has helped in communicating with the community since they are fully aware with the area and the cultural traditions in it. Having the outreach group mixed in gender has also, affected the quality of the awareness seminars, since females were close in communications with women in the medical center, women illiteracy program, while, males were good in communications with men in mosques, boys schools, etc. since outreach workers were a group of young aged youth they were very good in communication with young aged students at schools.

They were essential in conducting awareness seminars for remediated schools students as they assisted in sustaining the efforts done at remediation these schools through addressing messages to the students and answering important questions e.g. why their school was chosen to be remediated, what is the difference between remediation and innovation, how to keep their school clean in order to sustain the efforts done..etc.

Accordingly; outreach workers were a vital means of communication in the community since they had a great impact in spreading the project messages regarding the dangers of lead and other heavy metals pollution and how it affects their community.

Appendix 5:
**Event Reports of School
Activities**

Event Report

Title

Introducing LIFE-Lead project and Remediation work Ahmed Shaalan Staff

Date

December 8, 2004

Venue

Bahteem School Event

Attendees (no., females, males, etc.)

Females: 18

Males: 24

Total: 42

Organizer

LIFE-Lead Project

Purpose

The purpose of this meeting was to introduce LIFE-Lead Project, the health hazards of lead pollution, and the expected remediation activities, to the staff of El-Shahid Ahmed Shaalan School.

Description

The meeting's presentations started with an introduction to the lead pollution problem at Shoubra El-Kheima and the previous efforts undertaken to solve this problem. Another presentation gave an overview of LIFE-Lead Project and, finally, a third presentation explained the general framework of the remediation activities to be conducted at the school: the technical and communication components. The day ended with a general discussion about the expected roles of the school, the project, the Education Department of Qalyoubia Governorate, and Qalyoubia Governorate Office in reducing the hazards of the lead pollution at the school. The discussion focused on the following points:

- General outline of the awareness programs at the schools
- The institutional dimension and the role of stakeholders in the sustainability of the remediation results and maintaining the school after remediation
- Requirements for sustainability

Conclusion and Next Steps

This meeting was an important initial introduction to LIFE-Lead Project and the remediation activities to be undertaken at El-Shahid Ahmed Shaalan School. The school staff now understands what kind of activities will take place at the school and is aware of the role it is expected to play to sustain and maintain the results of the remediation activities. Further meetings will be held with the staff to coordinate future cooperation and involvement.

Event Report

Title

Awareness Day for School Children – El-Kablat Elementary School

Date

September 12, 2005

Venue

El-Kablat Elementary School at Shoubra El-Kheima

Attendees (no., females, males, etc.)

Children from El-Kablat School and Bahteem Cultural Center: 60 persons.

Females: 43

Males: 17

Teachers, Education Authorities, Bahteem Cultural Center, and EEAA: 36 persons.

Females: 8

Males: 28

Organizer

LIFE-Lead Project, East Shoubra El-Kheima Education Authority, El-Kablat School Management, Bahteem Cultural Center, and EEAA.

Purpose

The purpose of the day was to introduce lead pollution in the area of Shoubra El-Kheima, its health hazards, and simple measures that can be taken for protection and prevention.

Description

The day events started with a morning assembly for the students, then LIFE-Lead gave a presentation about the purpose of the day, lead pollution in the area, and the efforts made to minimize its harmful effects. Children were divided into two groups under the supervision of their teachers. The first group attended an art workshop where they drew and coloured paintings about environmental pollution and a cleaner environment. The second group visited nearby homes to experience informing the community of the lead pollution problem in the area and simple measures that can be taken for protection and prevention of its hazards.

The day ended with sports and an environmental contest of questions that the children can answer using the LIFE-Lead brochure for protection against lead pollution. The final event of the day was presenting the plays of Bahteem Cultural Center about lead pollution and water pollution.

Conclusion and Next Steps

The day was very successful. By the end of the day, children and teachers were aware of the lead problem in their area and the simple measures that can be taken for protection and prevention of its hazards.

This day will be further complemented by training for teachers on how to disseminate lead pollution information to school children.

Event Report

Title

Activating the weekly class on Environment at Ahmed Shaalan Elementary School

Date

12 Nov – 14 Dec 2005

Venue

Ahmed Shaalan Elementary School

Attendees (no., females, males, etc.)

Total: 722

Males: 362

Females: 360

Organizer

Ahmed Shaalan Elementary School

Purpose

This class is scheduled by the Ministry of Education into the elementary schools' weekly schedule, but lacking environmental information and capacity to communicate environmental messages is a major hinder among teachers.

Description

The project trained teachers on communicating environmental information and messages during June 2005, followed by informative meetings with teachers. During the first week students were introduced to the meaning and components of the environment (air – water – soil and importance of protecting our environment. During the second week the students were introduced to their local problem of industrial pollution and specially pollution from surrounding smelters and factories. Efforts made by the project, EEAA and GOQ to save the school's children from lead pollution by closing the smelters followed by remediation activities at the school. During the third week the students were motivated to keep their school as clean as it is and to feel responsible for their behavior towards their desks, classes, and school in general for the sustainability of the remediation efforts. During the fourth week the students were introduced to the cleanliness schedule of the school based on the cooperation between the workers, students, teachers and management. The students were informed of an upcoming competition between classes based on the best cleaned and maintained class. During the fifth week the students were introduced to the importance cleanliness in our religious instructions and the importance of keeping our environment clean.

Conclusion and Next Steps

The weekly environmental class will continue to pass the messages to the students to help for positive attitudes and practices towards the surrounding environment.

Event Report

Title

Providing environmental information during morning assemblies at Ahmed Shaalan Elementary School

Date

Nov – Dec 2005

Venue

Ahmed Shaalan Elementary School

Attendees (no., females, males, etc.)

Total: 722

Males: 362

Females: 360

Organizer

Ahmed Shaalan Elementary School

Purpose

Providing environmental information to the students through the students' activities at the morning assembly to be prepared and presented by the students.

Description

Throughout five consecutive weeks positive attitudes and practices were communicated to the students highlighting positive and negative practices through "Dos and Don'ts". Messages included personal cleanliness and eating habits, general practices towards the surrounding environment, students' behavior within the class and school.

Conclusion and Next Steps

The morning assembly is used to communicate messages to students based on the students own perception and search for environmental information in cooperation with the school teachers.

Event Report

Title

Awareness and Cleaning Camp for School Children – EL Shahid Ahmed Shallan Primary School

Date

February 07 & 08, 2007

Venue

El Shahid Ahmed Shallan Primary School at Shoubra El-Kheima

Attendees (no., females, males, etc.)

Children from Ahmed Shallan School and Delta Solb School: 55 persons.

Females: 25

Males: 30

Teachers, Education Authorities, and EEAA: 29 persons.

Females: 10

Males: 19

Organizer

LIFE-Lead Project, East Shoubra El-Kheima Education Authority, Ahmed Shallan School Management, and EEAA.

Purpose

The purpose of the two days was to raise the students' awareness of dangers of lead pollution in the area of Shoubra El-Kheima and its health hazards. Also; simple measures that can be taken for protection and prevention; and introducing the children to different ways to keep school clean and hygienic as well as helping in school cleaning.

Description

The first day events started with a morning assembly for the students, then Shoubra EL Kheima Education authority gave a presentation about the purpose of the camp and the daily agenda. Children were divided into five groups under the supervision of their teachers and LIFE-Lead Project. Each group was assigned to help in cleaning one floor in the school. The groups attended a workshop where they drew and colored paintings about environmental pollution and a cleaner environment as well as attending seminars regarding the danger of the lead pollution problem in the area and simple measures that can be taken for protection and prevention of its hazards.

The second day started with the same activities and ended with environmental contests between the five groups; the contests were concentrating on the main camp topics. The final event of the day was presenting the students main understanding of pollution in

Shoubra EL Kehima and what to do to prevent it and protect themselves and their families against its dangers.

Conclusion and Next Steps

The camp was very successful. By the end of the two days, children and teachers were aware of the lead problem in their area and the simple measures that can be taken for protection and prevention of its hazards. The school cleanliness can be easily recognized.

This camp will be further complemented by



محافظة القليوبية

وزارة الدولة لشئون البيئة
جهاز شئون البيئة

برنامج لايف – مشروع معالجة التلوث بالرصاص بمحافظة القليوبية

معسكر مدرسة الدلتا للصلب الاعدادية

الهدف العام من المعسكر:

المحافظة على ماتم من تطهير وتنظيف فى المدرسة والتوعية بأخطار التلوث وكيفية الحماية منها.

أهداف المعسكر:

- تعريف الطلبة بمشكلة البيئة بشكل عام والرصاص بشكل خاص.
- كيفية المحافظة على المدرسة والبيئة المحيطة عموماً.
- حث الطلبة على تبنى سلوكيات ايجابية نحو بيئة افضل.
- حث الطلبة على المشاركة بفاعلية لإستمرار الحفاظ على المدرسة.
- قيام الطلبة بنقل رسالة " الحفاظ على البيئة" الى اسرهم ومجتمعهم.

جدول الأعمال

- تجمع وتسجيل 9:00 – 8:30
- اجتماع تحضيرى لقيادات المعسكر
أ/ منصور الحسينى – مدير الإدارة التعليمية بحى شرق
أ/ عزت جادو – مدير المدرسة
أ/ مديحة عفيفي – مدير التدريب والاتصال بالمشروع
السادة المشرفين
أعضاء مشروع لايف 9:30–9:00
- تدريبات رياضية + عرض أهداف المعسكر
أ/ منصور الحسينى – مدير الإدارة التعليمية بحى شرق
أ/ عزت جادو – مدير المدرسة
أ/ مديحة عفيفي – مدير التدريب والاتصال بالمشروع 10:00 – 9:00
- تقسيم مجموعات العمل + إفطار
لايف + مشرفين المعسكر 10:30 – 10:00
- عرض فيلم الدلتا للصلب
• تعقيب على الفيلم ومناقشة كيفية المحافظة على المدرسة
(مناقشة جماعية بين الطلبة + المشرفين + لايف) 11:30 – 10:30
• عرض فيلم حملة "قم بدورك" والتعقيب
- العمل في مجموعات صغيرة (أنشطة المعسكر) 1:00 – 11:30
- عرض ما قامت به كل مجموعة
(الطلبة+الشباب) 2:00 – 1:00
- عرض المتميز من أعمال في مسابقات سابقة
(الطلبة) 2:30–2:00
- التقييم+ تقديم الجوائز (لايف+ ادارة المدرسة) 3:00–2:30
- غداء و ختام المعسكر 3:00

تقسيم الأدوار

الشباب:

- تقسيم الطلبة لمجموعات وتحديد قائد لكل مجموعة.
- الأشتراك في التنظيم و توزيع الوجببات
- العمل في مجموعات صغيرة مع الطلبة لمناقشة:
- التجهيز للندوات والمسابقات.

المشرفين:

- المشاركة في المناقشة بعد الندوات.
- مشاركة الشباب في العمل مع الطلبة في مجموعات صغيرة.

لايف:

- عرض اهداف المعسكر.
- تقسيم مجموعات العمل.
- المشاركة في تفعيل المناقشات.
- عرض التنوية عن المسابقة.
- تقييم المسابقة.
- تقديم الجوائز (بالمشاركة مع مدير المدرسة)



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محافظة القليوبية



وزارة الدولة لشئون البيئة
جهاز شئون البيئة

برنامج لايف – مشروع معالجة التلوث بالرصاص بمحافظة القليوبية

لقاء تعريفى بأعمال التطهير بمدرسة الكابلات

28 مارس 2007

دار ضباط النقل بشبرا الخيمة

الهدف من الإجتماع:

- التعريف بالمشروع واهدافه وإنجازاته في مجال أعمال التطهير والمعالجة
- التوعية بمشكلة البيئة بصفة عامة والرصاص بصفة خاصة
- التخطيط المشترك لكيفية تغيير سلوكيات المجتمع المحلي
- التمهيد لجلسة التشاور الخاصة بمدرسة الكابلات
-

جدول الأعمال

• تسجيل 10:00 – 9:30

• 10:30 – 10:00

• أفتتاح وترحيب

اللواء/ فوزي الشامي – رئيس حي شرق شبرا الخيمة
المهندس/ أحمد أبو السعود – مدير عام الإدارة العامة لنوعية الهواء
د/ خالد عبد العزيز – نائب رئيس مشروع لايف
أ/منصور الحسيني – مدير الإدارة التعليمية بحي شرق شبرا الخيمة

الهدف من الاجتماع وعرض لجدول الأعمال

أ/ مديحة عفيفي – مدير التدريب والاتصال بالمشروع

- التعريف بمشروع لايف للتخلص من الرصاص بمحافظة القليوبية و أهدافه وإنجازاته
 - عرض فيلم مدرسة الشهيد أحمد شعلان
 - أ/ مديحة عفيفي – مدير التدريب والاتصال بالمشروع
 - مقدمة حول مشكلة التلوث بالرصاص والمعادن الثقيلة في شبرا الخيمة
 - مفهوم التطهير والمعالجة ومشكلاتها
 - الهدف من الجلسة التشاورية قبل البدء في أعمال المعالجة
 - عرض توضيحي لفيلم نبيهة
 - مناقشة طرق تغيير سلوك المجتمع المحلي و كيفية حثهم على المحافظة على البيئة
 - الخطوات القادمة
 - غداء
- 11:00 -10:30
- 12:00 -11:00
- 12:15 -12:00
- 1:00 –12:15
- 1:00

Event Report

Title

Environment Education Tournament between 5 Schools and Bahteem Culture Center

Attendees (no., females, males, etc.)

Total: 126

Males: 75

Females: 51

As a part of communication and community participation activities LIFE-Lead project organizes to raise the awareness of Shoubra el Kehima population; the project has organized a schools competition between several primary and preparatory schools in the area; this competition aims boost the children roles in encouraging their families and friends in adapting better environmental behavior and dealing with environmental hazards especially industrial pollution.

In April; 2007; LIFE-Lead project has arranged three different competitions between the following schools in Shoubra EL Kehima:

- Ahmed Shallan Primary School
- Nagieb Mahfouz Primary School
- Mohamed M. El Sharawy Primary School
- Delta Solb Preparatory School
- Bahtim Cultural Center was also engaged in two of the competitions

Below is a summary of the three competitions:

1. Environmental Education Tournament

Team Players:

- Ahmed Shallan Primary School
- Nagieb Mahfouz Primary School
- Mohamed M. El Sharawy Primary School
- Delta Solb Preparatory School
- Bahtim Cultural Center

Each Team consists of:

- 13 students
- 1 supervisor

Tournament Display:

For the primary stage; the competition consists of two matches; initial and final, in the initial match the four schools play together (team from each primary school); then those who wins will be promoted to the final. For the Preparatory stage; they will play one match with Bahteem Colure Center, since we only have one preparatory school.

Evaluation:

Educational Evaluation: The contest consists of different environmental questions to both teams; the questions include pollution problems especially Lead pollution as well as general environmental questions.

Creative Education:

- Each team have 5 minutes to demonstrate an idea about how to keep our environment clean and healthy
- Junior Parliament show

Tournament Timing:

Initial Match: 19 April; 07

Final Match: 23 April; 07

Tournament Venue:

Shoubra EL Kehima Public Library

Prizes:

Prizes were given to the winning schools and students, prizes consisted of:

First Rank for Primary Schools:

School: Shield

Students: Investment Certificates for 100 L.E each

Supervisor: Investment Certificates for 200 L.E

Second Rank for Primary Schools:

School: Cup

Students: Investment Certificates for 50 L.E each

Supervisor: Investment Certificates for 150 L.E

Third Rank for Primary Schools:

School: Cup

Students: Investment Certificates for 30 L.E each

Supervisor: Investment Certificates for 50 L.E

First Rank for Preparatory Schools:

School: Shield

Students: Investment Certificates for 100 L.E each

Supervisor: Investment Certificates for 200 L.E

2. Best Environmental Activities Exhibition:

Team Players:

- Ahmed Shallan Primary School
- Nagieb Mahfouz Primary School
- Mohamed M. El Sharawy Primary School
- Delta Solb Preparatory School
- Bahtim Cultural Center

Competition Display:

Each school will prepare an environmental exhibition in the school with different environmental activities and creative ideas

Evaluation:

Evaluation committee will pass by the entire exhibition to select the first and second ranks

Dates:

During the period between 10 – 17 April, 2007

Tournament Venue:

At participated schools

Winning Teams & Prizes:

First Rank: Shield

Second Rank: Cup

3. Best Environmental School:

Team Players:

- Ahmed Shallan Primary School
- Nagieb Mahfouz Primary School
- Mohamed M. El Sharawy Primary School
- Delta Solb Preparatory School

Competition Display:

Each school will prepare itself to be as good as possible in achieving good environmental standards and keeping good shape in school cleanliness and sanitation

Evaluation:

Evaluation committee will pass by the entire exhibition to select the first and second ranks

Dates:

During the period between 10 – 17 April, 2007

Tournament Venue:

At participated schools

Winning Teams & Prizes:

First Rank: Shield

Second Rank: Cup

On April; 2007 all the winning teams have been honored and have been given their prizes during EL Kablat Medical Center Inauguration. The final results of the three competitions were as follows:

Environmental Education Tournament:

First Rank in Primary Schools: EL Kablat Primary School

Second Rank in Primary Schools: Nageuib Mahfouz Primary School

Third Rank in Primary Schools: Ahmed Shallan Primary School

First Rank in Preparatory Schools: Delta Solb Preparatory School

Best Environmental Activities Exhibition:

First Rank: EL Sharawy Primary School

Second Rank: Ahmed Shallan Primary School

Best Environmental School:

First Rank: EL Kablat Primary School

Second Rank: Ahmed Shallan Primary School

Event Report

Title

Delta Solb Board of Trustees Meeting

Date

21 November 2007

Venue

Transportation Officers House Shoubra EL Khiema

Attendees (no., females, males, etc.)

Total: 30

Males: 27

Females: 3

Organizer

LIFE-Lead Project

Purpose

- 1- Activate boards of trustees in Delta Solb school to work against pollution problem in Shoubra El Kehima
- 2- Encourage environmental activities in the school
- 3- Demonstrate a plan for environmental activities to be applied this semester

Description

The meeting was lead by Madiha Afifi, Training and Communication Manager, LIFE-Lead Project, to discuss the level of effort needed to activate the environmental activities in Delta Solb school and to encourage children to get engaged in such activities. An open discussion was then conducted with the attendees to answer their questions and receive their comments and suggestions for the plan in the upcoming semester.

Conclusion and Next Steps

The attendees' were cooperative to encourage these activities; each will go-ahead with the needed tasks, the following was agreed upon:

- Environmental Booklet dissemination to all the schools in order to start applying its activities
- The school will initiate an environmental magazine to be distributed for the children with a minimal amount of money. The magazine will include worksheets for different subject to be more interesting for the students.

Event Report

Title

El Kablat Board of Trustees Meeting

Date

14 November 2007

Venue

El Kablat School

Attendees (no., females, males, etc.)

Total: 48

Males: 34

Females: 14

Organizer

LIFE-Lead Project

Purpose

- 1- Activate boards of trustees in El Kablat school to work against pollution problem in Shoubra El Kehima
- 2- Encourage environmental activities in the school
- 3- Demonstrate a plan for environmental activities to be applied this semester

Description

The meeting was lead by Madiha Afifi, Training and Communication Manager, LIFE-Lead Project, to discuss the level of effort needed to activate the environmental activities in El Kablat school and to encourage children to get engaged in such activities. An open discussion was then conducted with the attendees to answer their questions and receive their comments and suggestions for the plan in the upcoming semester.

Conclusion and Next Steps

The attendees' were cooperative to encourage these activities; each will go-ahead with the needed tasks, the following was agreed upon:

- Environmental Booklet dissemination to all the schools in order to start applying its activities
- The school will initiate an environmental magazine to be distributed for the children with a minimal amount of money. The magazine will include worksheets for different subject to be more interesting for the students.

Appendix 6:

**Religious Leaders Event
Reports**

Event Report

Title

Religious Leaders and Local Media Follow up Meeting.

Date

May 31, 2006

Venue

Nile Media Center of Shobra El-Kheima

Attendees

24 males and 12 females

Attendees were included Nile Media Center, Religious leaders and Local Media.

Organizer

LIFE-Lead project.

Purpose

Present the action taken by religious leaders and local media since the first workshop that LIFE-Lead held for them on April 4, 2006. These actions are based on the plans they submitted during the workshop.

Description

The presentation of the day was by Madiha Afifi, Training Manager, LIFE-Lead Project. Madiha presented the plans submitted during the workshop by religious leaders and local media. Madiha also presented the documentary film that shows how to protect their families from lead pollution problems and the solutions. Discussion followed the presentation every group presented the action taken in the pervious period and gave further suggestions for future plans.

Conclusion and Next Step

The day was very successful. Every group presents the number of activities they made and upcoming plans.

Nile Media Center

They organized 5 seminars for the local community and the religious leaders in the youth center and health center. The purpose of the seminar is to inform people of lead pollution problems and means of protection from its hazards.

Local Media

- El Manar newspaper dedicated a monthly page for environmental issues. The page also presented the events of LIFE-Lead and environmental seminars organized by NGO's.

- El Akbar newspaper published an article about the efforts made by Qalyoubia government for remediation of smelters.
- During the meeting Channel 3 interviewed LIFE-Lead project staff, religious leaders and Nile Media Center staff.

Religious Leaders

- Saka dedicated three speeches on Friday speeches in the mosques about lead pollution problems, its hazards on health and means of protection.
- They also organized a meeting with all religious leaders in east and west Shobra El-Kheima to inform them of the problem.
- They provided lectures every Saturday about lead pollution problems, its hazards on health and means of protection. They also addressed the topic in their daily lectures.
- The priests provided speeches at churches about lead pollution problems, its hazards on health and means of protection.

Next Step

1. All groups will send their achievement reports as well as activity plans to LIFE-Lead to reach target audience.
2. LIFE-Lead typed the Christian and Islamic Preaches about environmental and lead pollution and will send them to religious leaders.
3. LIFE-Lead will use these preach to design and print leaflet to be distributed in the mosques and Churches.
4. All groups agreed on preparing for a one day event to be held in Shobra El-Kheima east district to engage the youth in cleaning their environment. This event is planned to take place on July 20, 2006.
5. LIFE-Lead planned to provide awareness presentations at mosques and churches in cooperation with religious leaders.

Event Report

Title

Diocese volunteers Meeting.

Date &

December 15, 2006

March 12, 2007

Venue

Dar Dobat EL Nakl Shoubra EL Kheima

Attendees

Total: 27

Males: 12

Females: 15

Attendees were included diocese volunteers, Religious leaders, EEAA representative, Head of East Shoubra el Kehima district office and staff.

Organizer

LIFE-Lead project.

Purpose

Present LIFE-Lead project objectives; accomplishments in Shoubra LE Khiema and demonstrate project different messages to be able to spread to the churches community in their meetings.

Description

The presentation of the day was by:

- Dr. Abdel Messih Samaan; Environment Education Professor, Ain Shams University
- Madiha Afifi, Training Manager, LIFE-Lead Project;
- Germeen Rifky; Communication Specialist, LIFE-Lead Project; and
- Sarah Monir; Administration Assistant; LIFE-Lead Project.

The day was managed to introduce the project; display different environmental concepts and rely project messages to the volunteers in order to communicate these messages to the community.

Conclusion and Next Step

The day was successful. Every group presents the tools they will use for upcoming meeting and the messages they will be able to communicate in churches meetings.

Next Step

1. All volunteers will go-ahead with their activity plans to reach target audience.
2. One day event will be arranged in a month time to evaluate the volunteers progress in communication the messages and the obstacles faced them during implementation.

Event Report

Title

Workshop with Sheikhs

Date

June 25, 2007

Venue

Transportation Officers House at Shoubra El Kheima

Attendance

Total: 32

Males: 30

Females: 2

Sheikhs: 24

The attendees included the community organizations as follows:

- EL Awkaf Authority
- Head of East Shoubra El Kheima district office and staff
- 3 project outreach workers

Organizer

LIFE-Lead project

Purpose

1. To tell the Sheikhs about the project, about the remediation process, and to tell them the objectives and goals for the project.
2. To make the Sheikhs aware of the environmental problems, lead, and heavy metals in the Shoubra El Kheima area.
3. Discuss how the Sheikhs can incorporate the project into the Islamic religion.
4. Involving the Sheikhs as outreach workers for the project.

Description

In a workshop led by Madiha Afifi, the project was explained to the Sheikhs. Mrs. Afifi explained the remediation process of the Shoubra El Kheima area, and the future goals of the project. Afterwards, there was an open discussion with the Sheikhs about how they will participate in outreach work. LIFE provided the Sheikhs with brochures, and video clips of the remediation process to give the Sheikhs information needed for outreach work.

Conclusion and Next Steps:

The Sheikhs are planning to merge with the project by spreading LIFE's message in their religious speeches. The outreach workers for the project are working with the Sheikhs so that they can go and give seminars at the mosques. LIFE plans to keep in touch regularly with the Sheikhs, so that they can share other information about lead and heavy metals for the religious speeches given at mosques.

Appendix 7:

Report on Library Activities

Shoubra El Kheima General Library activity report

LIFE-Lead Project is cooperating with Shoubra El Kheima General Library in conducting several activities that aim at raising the awareness of Shoubra El Kheima residents targeting all ages.

The purpose is to inform them indirectly about the hazards, health effect and ways of prevention of the industrial pollution in general and lead in particular. This is done through making contests for children, youths and adults that require from them writing short stories, essays, poems, researches, or art works...etc.

Children's Contest 2006:

The library's children's contest for this year will start on Fall 2006. A preparation phase will start by putting the contest's outline:

- Setting dates and defining the cost
- Announcing the contest
- Defining the process
- Conducting orientation workshops for the participants
- Conducting seminars around the subject of the contest
- Receiving the works
- Announcing the winners and distributing prizes

The contest will include the formation of working groups from the participants, each consists of 5 children who will prepare a research about the lead pollution problem in Shoubra El Kheima.

The children will be taken to field visits to the sites that have been remediated by LIFE-Lead project such as Ahmed Shaalan School, El Mahy & Awadallah lead smelters.

A research will be conducted and presented in power point presentations as the library will give them power point courses free of charge.

Industrial Pollution and Lead Information Desk:

Another activity is being implemented in cooperation with Shoubra El Kheima General Library is the Industrial Pollution and Lead Information Desk.

A meeting was held with Shoubra El Kheima General Library staff on August 29, 2006. the following steps will be followed to resume the LID activity:

- 1- About 60 environmental books will be bought by LIFE Lead project to be kept at the Library in addition to another copy from the same books to be kept at EEAA library.
- 2- Books will be given serial numbers & inserted at Shoubra El Kheima library's system " Unicorn"
- 3- Each book will be given a 4 lines summary to indicate the content of the book. This summary will be revised and then sent to the Integrated Care Society to insert this summary on the system.
- 4- Collection of the project brochures, researches, guidelines and documents will be given to the library to be kept on the library's a data base in addition to a hard copy.
- 5- LIFE-Lead project website to be linked with the library.
- 6- Some furniture will be needed for the establishment of the this information desk like: desk, chair, pc, and printer.

Library Adult Contest 2006

Currently the library adult contest is being implemented, the theme of the contest is “Industrial Pollution in Shoubra El Kheima”. The process of implementation went as follows:

- Designing banners to be hanged at Shoubra El Kheima streets to announce the contest.
- Defining time table and budget.
- Holding a seminar discussing the contest's them.
- Conducting a workshop about “ how to write a scientific research”.
- Receiving the works.
- Announcing the winners and distributing the prizes.

2005 Activities with the library:

Children and adult contest were implemented on 2005. About 120 children, males and females, all residents of Shoubra El-Kheima. The majority were residents of East Shobra El-Kheima District. Some of the children were members of Shobra El-Kheima Public Library, others were members of Bahteem Cultural Center.

Attendees also included some of the staffs of Shobra El-Kheima Public Library and Bahteem Cultural Center.

The purpose of the contest was:

- Inform the children of the area of the lead pollution problem.
- Inform the children of the area of the activities of LIFE-Lead Project in the area, especially the remediation of Ahmad Shaalan School.
- Inform the children of the Library contest.

Description

The first presentation of the day was by Madiha Afifi, Training Manager, LIFE-Lead Project. Madiha presented the problem of lead pollution in the area of Shoubra El-Kheima, especially East Shoubra El-Kheima District. Madiha also presented the remediation activities of LIFE-Lead Project in the area, especially Ahmad Shaalan School. Discussion followed the presentation and the children had questions about the activities of the project.

The second presentation was by Heba Wafa, Health Risk Assessment Specialist, LIFE-Lead Project. Heba presented the modes of administration of lead into the human body and the harmful effects it has, especially on children. Heba was also joined by Randy Spires, LIFE-Lead Consultant for Health and Safety. Randy presented the personal protective equipment that has to be used by all workers in a lead site where lead remediation activities are taking place. The presentation was very interactive and a discussion followed, where children asked many questions.

A third presentation was by Salwa Tobbala, Communication Specialist, LIFE-Lead Project. The presentation covered means of protection from lead pollution. The presentation was also rather interactive and a discussion followed where children had more inquiries about lead pollution and methods of protection.

The final presentation was by Amr Abl-el-Salam, Head of Shoubra El-Kheima Public Library. Amr presented the children's contest and its conditions. An announcement was distributed to the children as follows:

Contest Title: Industrial Pollution in the Shoubra El-Kheima Area – The Problem and Solution

Contest Topics:

- 1- A research about one of the following topics:
 - Types of Pollution
 - Air Pollution
 - Industrial Pollution
 - Ideas for a cleaner city
- 2- Posters about environmental pollution. A group of five children are to prepare each poster.
- 3- Paintings of an environmentally positive or negative scenes (35x50 cm).
- 4- A short story inviting your friends to keep the environment clean.
- 5- Poetry: a poem drawing attention to the hazards of pollution.
- 6- Photography: a collage of photos that show the size of environmental pollution in the area.

Contest Conditions:

- Participants should be members of Shoubra El-Kheima Public Library.
- Participants should be at least 10 years old.
- Last date to submit works is August 30, 2005.

Conclusion

The day was very successful. All attendees are now aware of the size of the lead pollution problem, the measures taken to decrease its hazards, and the methods by which they can protect themselves and their families. Attendees were also informed of the contest that aims at increasing the awareness and encouraging research in relevant topics. Finally the contest winners have been chosen & awards were presented to them.

It is worth mentioning that LIFE-Lead Project activities with the library were more than conducting contests, it also included the participation of the library's staff and members in beautifying Ahmed Shaalan School after remediation through hanging the art works done by them.

We can say that LIFE-Lead project has a value added to the library and to Shoubra El Kheima residents who go frequently to the library, the project succeeded in raising the awareness of those people through the contests and through mobilizing them to adopt positive attitudes and changing their negative ones toward their environment.

LIFE-Lead Communication team was also informed that the number of the Library's members have increased from 3092 visitors on 2005 to 6559 visitors on 2006 due to the contests activities LIFE-Lead has conducted.

Lead Information Desk Report

The idea started with establishing a desk to be a source of information about lead pollution that serves Shoubra El Kheima residents.

LIFE-lead project scope of work extended to include other heavy metals like chromium, arsenic, mercury, therefore the LID became Industrial Pollution Desk.

This desk is located in Shoubra El Kheima Public Library. LIFE-Lead established a desk and shelves to contain the books. Also more than 50 books were bought two copies from each book in addition to the awareness brochures and reports and LCD, computer and DVD to play the LIFE-Lead website will be linked to that of the integrated Care Society to guarantee the sustainability.

A 3 days training was held to the library's staff to inform them about the objective of the IPD and train them on how to promote this desk.

The training included the following items:

- overview of the Lead Pollution Problem and air pollution in Cairo
- Nature of Shoubra El Kheima and the existing pollutants
- Health effects of Lead and other heavy metals and how to protect yourself
- Definition of IPD
- Plan to promote IPD and define roles and responsibilities
- Communication skills needed to promote the desk
- Future Plan

After the training the library staff started to implement the plan and promote the desk. They coordinated with heads of schools to receive visits for the IPD.

They already received students from different schools and they played LIFE- Lead documentaries. In the period from November 20-December 15, 2007 they received 178 students, 88 males and 85 females from 11 primary and preparatory schools.

LIFE Lead project receives a monthly report from the library about the visitors; their number and their activities.

Also the library staff put a proposed plan for the IPD which contains:

- Playing CDs and asking questions about them
- Environmental tournament contest
- Behavioral contest
- Science Club
- Collective project using new information technology about lead pollution.

These contests aim at raising the environmental awareness, informing visitors about attitudes and practices that help children adopt positive attitude towards the environment.

These contests target students from primary and preparatory schools, library members. These future contests will be implemented during 2007 school year and 2008 Read for All Festival.

Prizes are set for these contests like stationary, watches, alarms, bags and MP3s.

The project will monitor and evaluate these activities to guarantee sustainability and after the project is gone the library will carry out these activities alone.



Integrated Care Society (ICS) Roundtable

3rd April 2005

Shoubra El Kheima General Library

Objective:

- The LIFE – Lead Project and the NGOs coordinate together in terms of:
 - 1- Coordinating with ICS on the use of Shoubra El Kheima General Library as a vehicle for Communication for the different target groups.
 - 2- Discussing opportunities for cooperation between ICS NGO and Life Lead project.
- Discussion between EEAA, GoQ and the Integrated Care Society on how to replicate Ezbet El Walda Project (Helwan) to Shoubra El Kheima

Agenda:

1:00 – 1:30	Presentation by the Integrated Care Society
1:30 – 1:45	Overview of LIFE – Lead Project
1:45 – 2:00	Overview of the Communication Strategy
2:00 – 3:00	Open Discussion & wrap up

Event Report

Title

Seminar and Contest Announcement at Shoubra El-Kheima Public Library

Date

August 10, 2005

Venue

Shobra El-Kheima Public Library

Attendees (no., females, males, etc.)

About 120 children, males and females, all residents of Shoubra El-Kheima. The majority were residents of East Shobra El-Kheima District. Some of the children were members of Shobra El-Kheima Public Library, others were members of Bahteem Cultural Center.

Attendees also included some of the staffs of Shobra El-Kheima Public Library and Bahteem Cultural Center.

Organizer

Shobra El-Kheima Public Library
LIFE-Lead Project

Purpose

- Inform the children of the area of the lead pollution problem.
- Inform the children of the area of the activities of LIFE-Lead Project in the area, especially the remediation of Ahmad Shaalan School.
- Inform the children of the Library contest.

Description

The first presentation of the day was by Madiha Afifi, Training Manager, LIFE-Lead Project. Madiha presented the problem of lead pollution in the area of Shoubra El-Kheima, especially East Shoubra El-Kheima District. Madiha also presented the remediation activities of LIFE-Lead Project in the area, especially Ahmad Shaalan School. Discussion followed the presentation and the children had questions about the activities of the project.

The second presentation was by Heba Wafa, Health Risk Assessment Specialist, LIFE-Lead Project. Heba presented the modes of administration of lead into the human body and the harmful effects it has, especially on children. Heba was also joined by Randy Spires, LIFE-Lead Consultant for Health and Safety. Randy presented the personal protective equipment that has to be used by all workers in a lead site where lead

remediation activities are taking place. The presentation was very interactive and a discussion followed, where children asked many questions.

A third presentation was by Salwa Tobbala, Communication Specialist, LIFE-Lead Project. The presentation covered means of protection from lead pollution. The presentation was also rather interactive and a discussion followed where children had more inquiries about lead pollution and methods of protection.

The final presentation was by Amr Abl-el-Salam, Head of Shoubra El-Kheima Public Library. Amr presented the children's contest and its conditions. An announcement was distributed to the children as follows:

Contest Title: Industrial Pollution in the Shoubra El-Kheima Area – The Problem and Solution

Contest Topics:

- 1- A research about one of the following topics:
 - Types of Pollution
 - Air Pollution
 - Industrial Pollution
 - Ideas for a cleaner city
- 2- Posters about environmental pollution. A group of five children are to prepare each poster.
- 3- Paintings of an environmentally positive or negative scenes (35x50 cm).
- 4- A short story inviting your friends to keep the environment clean.
- 5- Poetry: a poem drawing attention to the hazards of pollution.
- 6- Photography: a collage of photos that show the size of environmental pollution in the area.

Contest Conditions:

- Participants should be members of Shoubra El-Kheima Public Library.
- Participants should be at least 10 years old.
- Last date to submit works is August 30, 2005.

Conclusion and Next Steps

The day was very successful. All attendees are now aware of the size of the lead pollution problem, the measures taken to decrease its hazards, and the methods by which they can protect themselves and their families. Attendees were also informed of the contest that aims at increasing the awareness and encouraging research in relevant topics.

The next steps will be choosing the contest winners and presenting them with their awards. Other relevant activities will also follow.

Event Report

Title

Heavy Metal Awareness Seminar and Competition for Shoubra El Khemia Children

Date

13 August, 2007

Venue

Shoubra EL Kehima Public Library

Attendees (no., females, males, etc.)

Total: 62

Males: 27

Females: 35

Organizer

Life-Lead Project

Purpose

The competition aimed to activate the Shoubra EL Kehima children awareness regarding the hazardous of lead and heavy metals in their area through an art competition as a part of summer activities

Description

It was one day event where the following teams involved:

- Ahmed Shallan Primary School
- Delta Solb Preparatory School
- Kablat Primary School
- Bahteem Culture Center
- Shoubra EL Kehima Public Library

The day included an art competition between the five teams; every team invented an art activity (drawing, poetry, song...etc) that emphasis the harmful effects of lead and heavy metal on our health and how to protect ourselves from this danger around us. Every team took an hour to develop its own project and present it. Also the day included a puppet show demonstration that covers the danger of lead and heavy metals on children and adults' health and how to protect ourselves from these dangers.

Conclusion and Next Steps

Life-Lead project will continue to pass the messages to the students to help for positive attitudes and practices towards the surrounding environment.

Event Report

Title

Training for Shoubra El Kehima public library staff on awareness regarding hazardous of lead and heavy metal. As well as demonstrating "Lead Information Desk" materials and different ways of communication with the library visitors in order to promote the desk materials and activities.

Date

23-25 October 2006

Venue

Shoubra EL Kehima Public Library

Attendees (no., females, males, etc.)

Total: 14

Males: 6

Females: 8

Organizer

Life-Lead Project

Purpose

The training aimed to train the public library staff on awareness regarding hazardous of lead and heavy metal, as well as demonstrating "Lead Information Desk" materials and different ways of communication with the library visitors in order to market the desk materials and activities.

Description

It was three days event where the first day included the danger of lead and heavy metal pollution and how it is affecting Shoubra EL Kheima residences in special. The second day covered different environmental information in order to educate the staff on the material that the desk covers.

The third day covered communication skills for the staff in order to deal with the desk visitors and market its materials and activities.

Conclusion and Next Steps

Life-Lead project will continue to pass the messages to the staff to help for positive attitudes and practices and will help in promoting 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.

Appendix 8:

Report on Bahteem Culture Center Activities

Event Report

Title

School visits to Bahteem Cultural Center from August 15 to December 5, 2005. 19 visits were conducted during this period.

Date

August 15 to Decembet 5, 2005

Venue

Bahteem Cultural Center

Attendees (no., females, males, etc.)

Total: 391

Males: 141

Females: 250

Organizer

Bahteem Cultural Center Staff.

Purpose

To introduce the activities of Bahteem Cultural Center to school children and involve them in such activities as relevant.

Description

Several Shoubra ElKheima schools conduct visits to Bahteem Cultural Center. During the visits, school children are introduced to the center's activities that they can participate in. Since the cultural center is among the local community organizations that LIFE-Lead mobilizes to communicate its messages, the center includes a briefing about lead pollution and LIFE-Lead activities in each school visit. As a result of this briefing, school children are informed of the lead pollution problem in their area, its health hazards, and means of protection.

The school visits in the above-mentioned period were as follows:

#	School Name	No. of Students	Males	Females	Date of Visit (Aug to Dec, 05)
1	Asma' Bint Abi Bakr Elementary School	32	8	24	Aug 15
2	ElKablat Elementary School	30	16	14	Aug 16
3	ElNour ElMuhammadi School	30	15	15	Aug 29
4	ElSiddiq Nursery	30	13	17	Sept 26
5	15 th of May Elementary	18	8	10	Oct 12

	School (1)				
6	Mulhaqat AlMu'allimin Elementary School	25	10	15	Nov 8
7	Bahteem Preparatory School for Girls	10		10	Nov 13
8	ElRaf'i Preparatory School for Girls	15		15	Nov 16
9	15 th of May Elementary School (2)	25	15	10	Nov 19
10	Mulhaqat AlShaymaa Elementary School	12	4	8	Nov 21
11	Bahteem Preparatory School for Boys	20	20		Nov 22
12	ElRaf'i Preparatory School for Girls	15		15	Nov 23
13	Musturud Elementary School	15	10	5	Nov 26
14	Asmaa Bint Abi Bakr Preparatory School for Girls	20		20	Nov 27
15	Musturud Elementary School (1)	7	4	3	Nov 29
16	Asmaa Bint Abi Bakr Elementary School for Girls	15		15	Dec 4
17	Harun AlRashid School	18	10	8	Dec 4
18	Tal'at Harb Preparatory School for Girls	20		20	Dec 5
19	AlNagah Elementary School	34	8	26	Dec 5
	Total	391	141	250	

Conclusion and Next Steps

LIFE-Lead shall continue mobilizing and supporting Bahteem Cultural Center to raise the awareness of the local community about lead pollution hazards and means of protection.

Event Report

Title

Awareness Seminar for Working Women

Date

August 21, 2005

Venue

Bahteem Culture Center

Attendees (no.,females, males, etc.)

Total: 34

Male: 2

Female: 32

Organizer

LIFE-Lead Project

Description

The Orientation day with the working women in Shoubra El Kheima - East District was held at Bahteem Cultural Center on the 21st of August, 2005. Thirty four women attended the meeting.

The objective of this event was to Introducing LIFE-Lead Project to Shoubra El Kheima working women and to orient them with Lead impacts & hazards and finally inform them about the ways of protecting themselves & their children from lead pollution.

The day started with performance of a play about Lead pollution, followed by a play about water conservation. Then LIFE Lead project presented its activities, results of the community assessment efforts, health effects of lead & the ways to protect the family from the health hazards.

Conclusion

By the end of the orientation day the participants have acquired information and are expected to adopt positive attitudes to combat lead pollution and to protect themselves and their families.

Working Women at Shoubra El Kheima Orientation Day

Bahteem Cultural Center

08/21/05

Objective of the meeting:

- Introducing LIFE-Lead Project to Shoubra El Kheima working women
- Orienting the working women with Lead impacts & hazards
- Informing them about the ways of protecting themselves & their children from lead pollution

Agenda:

11:30-12:00 Registration

12:00-1:00 Performance of plays

1:00-2:00 Presentations by LIFE-Lead Project Team

- | | |
|---------------------------------------|---------------|
| - Lead Pollution in Shoubra El kheima | Madiha Afifi |
| - KAP Study Results | Heba El Toudy |
| - Health Effects of Lead | Heba Wafa |
| - How to Protect your Family | Salwa Tobbala |

Appendix 9:
**Report on Medical Center
Activities**

Event Report

Title

Seminar for Nurses and Mid-wives of Shoubra El Khemia Health Department

Date

08 August, 2007

Venue

Kablat Medical Center in Shoubra EL Kehima

Organizer

Life-Lead Project

Purpose

The seminar took place on August 08, 2007 at Kablat medical center for 30 nurses who work in different hospitals and medical centers in Shoubra El Kehima, these nurses are responsible to culture women in their work place on different subjects that are important for women and children e.g. smoking, avian flu, ..etc

The seminar aimed to raise the awareness on the dangers of lead and heavy metals on adults and children and the ways of protection against these dangers in terms of eating and cleaning habits. The seminar is aimed to be the beginning of seminars series to help the nurses to relay the message to their patients.

Event Report

Title

Seminar for Nurses and Mid-wives of Shoubra El Khemia Health Department

Date

November 01, 2007

Venue

Dar Dobat EL Nakl Shoubra EL Kheima

Attendees (no., females, males, etc.)

Total: 18

Females: 15

Males: 3

The attendees included nurses and health educational mentors in different medical centers in Shoubra el Khiema, who work as health educational mentors in their medical centers as well as in schools and youth clubs

Organizer

LIFE-Lead Project

Purpose

- 1- Introduce the project messages and activities in Shoubra el Kehima
- 2- Encourage the nurses to include the project messages in their seminars

Description

The meeting was lead by Germeen Rifky, Communication Specialist, LIFE-Lead Project, to demonstrate the project messages and efforts in Shoubra EL Kehima as well as to discuss the level of effort needed from the nurses and educational mentors to include the project messages in their seminars in schools, youth clubs and medical centers. An open discussion was then conducted with the attendees to answer their questions and receive their comments and suggestions.

Conclusion and Next Steps

The attendees' were cooperative to encourage these activities; each will go-ahead and with the needed tasks, it is agreed to have a bi monthly meeting to all the nurses in order to measure their efforts and discuss the obstacles they faced during implementing the seminars.

Appendix 10:

**Report on Health Department
Activities**

Summary

On-Going Capacity Building Activities For Health Educators

Dates

November through March, 2008

Venue

Transportation Officer's House

Attendees

Nurses, midwives from Shoubra el Kehima health department.

Organizer

Shoubra EL Kehima East District Health Department

Objective

One of the activities in Shoubra el Kehima health department was "Health Education", health educators are a group of nurses and midwives who are trained to educate the community on different health related subjects.

To sustain project communication activities and messages, this group was selected as a community active group that can be used to reach women and other local residents in order to encourage them to protect themselves and their families from lead hazards.

On November 01, 2008 LIFE-Lead project in cooperation with Shoubra el Kehima health department has demonstrated a one day workshop in order to develop a plan on how to best utilize health educators group in lead pollution awareness program in Shoubra EL Kehima east district, the workshop also aimed to build an on-going technical assistance program for the group in order to:

- Establish a mechanism on how to effectively include the lead and heavy metal pollution awareness seminars in the Health educators monthly plan;
- Orient the group about the harmful effects of lead and heavy metals pollution; and
- Inform the attendees of measures that can be taken to deal with lead pollution and how to protect themselves and their families.

At the end of the meeting a capacity building process was agreed upon, the process includes the following activities:

- On-going technical assistance on challenges and issues rose during awareness seminars implementation.
- Supply the group with life project brochures and leaflets to ensure project messages distribution

- Provide the group with “Environmental Awareness File” that helps them in communicating the project messages to others easily and accurately, these messages include-but not limited to- main dangers of lead and other heavy metals, proper way to clean, what to eat and how to protect ourselves and our families from hazardous of lead and heavy metals.

Next Steps

- Lead and heavy metal pollution awareness seminars will be conducted by the health educators as a part of their ongoing seminars in Shoubra el Kehima
- Life-Lead project will conduct a bi-monthly meeting with the health educators group in order to:
 - Build the group capabilities on the subject matter;
 - Facilitate field challenges that face the group during their field work e.g. working with “Education Department” in Shoubra el Kehima
 - Follow-on their activities and initiating any new activities as it comes up
 - Provide them with communication tools in order to reach more residence

Below is a summary of the bi-monthly meetings activities through out the period of November; 07 to March; 08:

Nov 01, 2007

- Introduce the group to the harmful effects of lead pollution.
- Evaluate the level of knowledge of the group about lead and its hazards.
- Inform the group of measures that can be taken to deal with lead pollution
- Plan November seminars with the group
- Orient the group on the other project’s activities
- Establish a reporting system mechanism on all lead and heavy metals seminars that will be held by the group

Nov 19, 2007

- Follow-on the group activities
- Discuss challenges that faced the group during their field work
- Agreed upon upcoming seminars and how to plan it

Dec 09, 2007

- Training by LIFE-Lead education consultant on “Environment and Resources” in order to build the group capabilities on the subject matter
- “Communication Skills” lecture by LIFE-Lead education consultant in order to enhance their capacity during the seminars

Dec 23, 2007

- Follow-on the group activities
- Discuss challenges that faced the group during their field work
- Plan for January activities

- Contact Shoubra el Kehima education department in order to include the schools in the awareness seminars.

Jan 08, 2008

- Follow-on the group activities
- Discuss challenges that faced the group during their field work
- Introduce the project's activities to mid-wives group and confirming the project messages to all the group
- Introduce the "Educational Awareness File" to the group to be used on the upcoming awareness seminars, their feedback will be vital in enhancing the booklet

Jan 24, 2008

- Follow-on the group activities
- Discuss challenges that faced the group during their field work

Feb 11, 2008

- Follow-on the group activities
- Discuss challenges that faced the group during their field work
- Discuss the group feedback regarding the "Educational Awareness File" and how to improve it in order to get the utmost benefit from it

March 17, 2008

- Follow-on the group activities
- Discuss challenges that faced the group during their field work
- How they will sustain project messages after project closure.

Conclusion

- 6 meetings were held by LIFE-Lead project communication team attended by an average of 30 women/day;
- The group started with 15 women nurses from health education as they felt that these bi monthly seminars are more beneficial and valuable in their work, the group started to expand and included more nurses and midwives until it reached an approximate number of 32 health educators;
- Awareness seminars on lead and heavy metals pollution are now included in Shoubra EL Kehima east district health department plan that aims to educate the community on different subject matters e.g. birds flu, smoking, reproductive health education, etc. This has had a great impact in sustaining project messages as in will be on going in the community after the project closure.

Summary

Awareness Seminars in Shoubra El Kehima

Held By
Health Educators

Date

November, 2007 through March, 2008

Attendees (no., females, males, etc.)

Total: 1,957

Females: 1,737

Males: 220

Organizer

LIFE-Lead Project and Shoubra EL Kehima East District Health Department

Objective

- 1- Introduce the local community to the harmful effects of lead pollution.
- 2- Inform the local community members of measures that can be taken to deal with lead pollution and different ways to protect themselves and their families nutrition
- 3- Demonstrate different project messages that are expressed in the project brochure; as follows:
 - What is lead?
 - How lead affects our health?
 - Where do we find health?
 - How to protect our health and our family from hazardous of lead?
 - How to clean?
 - What to eat?

Description

Health educators are a group of nurses and mid wives who are trained by LIFE-Lead project communication team and work at Shoubra EL Kehima East District Health Department. The group conducts several awareness seminars in Shoubra EL Kehima East District in order to introduce the hazardous of lead pollution and other heavy metals; and how to protect themselves and their families using simple measures of cleaning and nutrition. An open discussion was then conducted with the local community to answer their questions.

Nurses and midwives conduct awareness seminars in Shoubra el Kehima medical centers youth clubs, schools, churches and mosques as well as community home visits.

Below is a summary of awareness seminars conducted by health educators in the above mentioned period:

Seminar Venue	Date	No of Events	Male	Female	Total
1- Medical Centers:					
Community seminars on lead pollution hazardous at Shoubra el Kehima medical centers	Nov,07 through Jan,08	47	205	823	1028
2- Culture Centers, NGOs & Youth Centers:					
Community seminars on lead pollution hazardous at Bahteem culture center	Nov,07 through Jan,08	1	0	20	20
Community seminars on lead pollution hazardous at Shoubra el Kehima NGOs		4	9	80	89
Community seminars on lead pollution hazardous at Bahteem youth centers		1	3	27	30
TOTAL		6	12	127	139
3- Mosques and Churches:					
Community seminars on lead pollution hazardous at El Qalubeia mosque	Nov,07 through Jan,08	1	3	20	23
4- Home Visits					
Shoubra EL Kehima East District	Jan,01 through Feb,09,08	35	0	767	767
TOTAL SEMINARS FOR MIDWIVES AND NURSES	Non,07 through March,08	89	220	1737	1957

Conclusion and Next Steps

The attendees were interested about the subject of lead pollution and how it affects their community. Shoubra EL Kehima East District Health Authority was also interested in the topic and to imbed it in their monthly plan with other health topics, which will sustain lead awareness seminars on the long run even after the project close-up.

Appendix 11:
Report on Scoping Sessions

March 31, 2008

TECHNICAL MEMORANDUM

TO: Egyptian Environmental Affairs Agency
United States Agency for International Development

FROM: LIFE-Lead Project

SUBJECT: Environmental Impact Assessment Scoping Session Lessons Learned

INTRODUCTION

The LIFE-Lead Pollution Cleanup in Qalyoubia project is a component of the Livelihood and Income from the Environment (LIFE) Program, which is funded by the United States Agency for International Development (USAID) and implemented in cooperation with the Egyptian Environmental Affairs Agency (EEAA). The project is divided into two activities. Activity 1 included the remediation of seven secondary lead smelters, a copper smelter, two schools, and a medical center in the Shoubra El Kheima District of the Governorate of Qalyoubia (GOQ). Activity 2 focused on educating the public on the hazards of industrial pollution and heavy metals through community involvement and participation activities.

As required by the United States governmental regulations the project conducted a Part 216 Environmental Impact Assessment for the project remediation activities. This included the conduct of five Scoping Sessions to inform and involve the public in the remediation process. The Scoping Sessions were the basis for development of Scoping Reports by the project. Although the Egyptian Law for Environment (Law 4/1994) does not state the need for Scoping Sessions, it necessitates public hearings for such activities, as part of its required Environmental Impact Assessment procedures.

DESCRIPTION

Five Scoping Sessions were conducted by LIFE-Lead during the project. The sessions were held in the Shoubra El Kheima Local Popular Council meeting hall and were attended by governmental officials and regulators, concerned citizens, local community leaders, industry representative, university professionals, non-governmental organizations (NGOs), school teachers, and medical center staff. The project and EEAA officials explained the planned remediation activities that were expected to take place in their community, and their effects, in addition to accompanying community participation and awareness activities.

The primary purpose of the Scoping Sessions were to ensure the participation of community representatives and leaders in the decision making processes pertaining to the remediation activities to be conducted and to obtain their feedback on these activities. Several means were

used to get proper feedback from session attendees, including: presentations, discussions, and forms to be filled out by the attendees and sent to the project after each session.

Before each session, a number of meetings with concerned governmental officials, NGO's, community representatives, citizens, industry representatives, smelter owners, and others were held to inform them of the expected remediation works, to coordinate all activities, facilitate the sampling and site characterization phase of the project, and to collect primary data for the Environmental Impact Assessment.

SCOPING SESSIONS

LIFE-Lead Project conducted five scoping sessions for the sites it remediated. Following is a summary of these sessions.

Scoping Session I

The first Scoping Session was held on February 2, 2005 in the Shoubra El-Kheima City Local Popular Council meeting room. The sites included in this first session include the Awadallah Secondary Lead Smelters Nos. 1, 2, and 3, the Seoudi Secondary Lead Smelter, the El Mahy Secondary Lead Smelter, and the El Shahid Ahmed Shaalan School. There were 57 attendees including the following:

- Twelve from the GOQ or Central Government Departments.
- Twelve representatives from the parliament and the local popular council.
- Five representatives of the Shoubra El Kheima East District.
- Three representatives from the Shoubra El Kheima West District.
- Six representatives from the Education Directorate Agency for Educational Buildings and Schools.
- Four representatives from active local NGO's from the Shoubra El Kheima East District.
- One representative from the Health Directorate.
- Five representatives from the smelter and foundry owners.
- Seven representatives from universities, lawyers, and consultancies.
- Four representatives from the local media.

In addition, sixteen representatives of EEAA, four representatives from USAID, and nineteen members of the LIFE-Lead project team participated in the meeting.

Scoping Session II

Session II was held on April 5, 2006 in the Shoubra El Kheima City Local Popular Council meeting room for the remediation of the Delta Solb Preparatory School. There were 76 attendees which included the following:

- Five from the GOQ and Central Government Departments.
- One representative from the parliament.
- Eleven representatives from EEAA.
- Nine representatives of the Shoubra El Kheima East District.
- One representative from the Shoubra El Kheima West District.
- Twelve representatives from the Education Directorate Agency for Educational Buildings and Schools.
- Five representatives from active local NGO's in the Shoubra El Kheima East District.
- Seven representatives from the youth centers, and cultural and social affairs organizations
- Four representatives from the Health Directorate.
- Two representatives from the smelter and foundry owners.
- Three representatives from the General Authority for Industrial Development.
- Twelve representatives from universities, contractors, and consultancies.
- Four representatives from the local media and library.

In addition, two representatives from USAID, and 10 members of the LIFE-Lead project team participated in the meeting.

Scoping Session III

Scoping Session III was held on August 9, 2006 in the Shoubra El Kheima City Local Popular Council meeting room for the remediation of the Kablat Medical Center and the Osama Zakaria and Khaled Saad Secondary Lead Smelter (two closed secondary lead smelters). There were 61 attendees which included the following:

- Four from the GOQ and Central Government Departments.
- Fifteen representatives from EEAA.
- Five representatives from the Shoubra El Kheima East District.
- Eight representatives from the Education Directorate Agency for Educational Buildings and Schools.
- Five representatives from active local NGO's in the Shoubra El Kheima East District.

- Four representatives from the youth centers, and cultural and social affairs organizations
- Eleven representatives from the Health Directorate.
- Six representatives from universities, contractors, and consultancies.
- Three representatives from the local media and library.

In addition, two representatives from USAID, and nine members of the LIFE-Lead project team participated in the meeting.

Scoping Session IV

Scoping Session IV was held on April 3, 2007 at the Shoubra El Kheima City Local Popular Council meeting room for the remediation of the El Kablat Primary School. There were 61 attendees which included the following:

- Five representatives from EEAA.
- Eleven representatives from the Shoubra El Kheima East District.
- Four representatives from the Education Directorate Agency for Educational Buildings and Schools.
- Four representatives from active local NGO's in the Shoubra El Kheima East District.
- Three representatives from youth centers, and cultural and social affairs organizations
- Twenty-seven representatives from the Kablat School.
- Two representatives from universities, contractors, and consultancies.
- Five representatives from the local media and library.

In addition, one representative from USAID and nine members of the LIFE-Lead project team participated in the meeting.

Scoping Session V

Scoping Session V was held on July 18, 2007 at the Transportation Officer's Club in Shoubra El Kheima for the remediation of a copper smelter. There were 21 attendees including the following:

- Two from the GOQ and Central Government Departments.
- Seven representatives from EEAA.
- Three representatives from the Shoubra El Kheima East District.
- Two representatives from the smelters.

- Four representatives from universities, contractors, and consultancies.
- Three representatives from the local media, NGOs, and library.

In addition, five members of the LIFE-Lead project team participated in the meeting.

LESSONS LEARNED AND RECOMMENDATIONS

The following is a summary of the lessons learned during the conduct of the five scoping sessions by the project. Recommendations are also provided for future scoping sessions to allow for the involvement of those concerned about the remediation process.

- Public meetings to present and discuss environmental problems and the means to solve these problems are not a common practice in Egypt. Therefore, the community representatives who attended the scoping sessions were not at first encouraged or eager to participate in the discussions. Partly because the majority was ignorant of the severity of the environmental problems requiring remediation, and also because the local community did not trust that voicing their concerns to governmental officials would lead to an effective response. Both reasons were identified during the conduct of the socio-economic studies by LIFE-Lead at the beginning of the project. Hence, it was essential to continually encourage attendees to voice their concerns to get their feedback. The project used meeting facilitation and other community participation activities to convince them of the effectiveness of this feedback. The progress of the project's work in the area and the concern shown to the issues raised by the attendees encouraged them to give excellent feedback in the later sessions and meetings.
- The scoping sessions provides an example of productive meetings that involve governmental officials and members of the local community. Examples of the results of such meetings include the concern of the local leaders about the working heavy metal smelters and other polluting industries in the area, which threaten the results of the remediation of the polluted sites. EEAA officials responded to such concerns by including the most polluting nearby industries, such as the Delta Solb Factory, in one of the Agency's programs to mitigate industrial pollution. Such responsive actions were communicated to the community through the community participation and awareness activities and served to raise the trust the local community has in the governmental officials.
- At the beginning of the project, pre-scoping meetings only involved concerned governmental officials as the direct counterparts of the project. Later, it was clear that involving community leaders and representatives in such meetings is essential to ensure their awareness of the remediation process and their effective participation in the scoping sessions. This also helped the community leaders disseminate the project awareness messages to the local community.
- Scoping sessions also showed the community leaders and governmental officials that their participation in the decision-making process can have major implications on the future of their area and the services they are getting. An example is the Scoping Session held for the Kablat Primary School, which showed that the building had structural problems that needed to be addressed prior to remediation. The information the governmental officials and community leaders provided in this session resulted in the

project meeting with the Educational Building Authority to notify them of the structural damage caused by an earthquake needed to be repaired or the school building had the potential of collapse.

Appendix 12:

Report on the Do Your Part Cleanup Campaign

اجتماع التخطيط لأيام أنشطة الشباب أنشطة تنظيف بعض المواقع بحي شرق شبرا الخيمة (31 يوليو 2006)

الحضور:

اللواء/ فوزي الشامي - رئيس حس شرق شبرا الخيمة
الأستاذ/حامد غنيم - مدير قصر ثقافة بهتيم
الأستاذة/ سناء سعيد - مدير مركز النيل للإعلام
الأستاذة/ ميرفت حسن محمد - رئيس مكتب البيئة بحي شرق شبرا الخيمة
القس/ دوماديوس مقار - كاهن كنيسة الأمير تادرس المشرقي
القس/ يوساب عزيز - كاهن كنيسة القديس بولس الرسول ببهتيم
الشيخ/ محمد عبد العظيم شعلان - مدير أوقاف شبرا
الدكتور/ خالد عبد العزيز - نايب مدير مشروع لايف
الأستاذة/ مديحة عفيفي - مدير الإعلام والتدريب بمشروع لايف

محضر الاجتماع:

- تقرر أن يكون النشاط بعنوان: "أسبوع الشباب والبيئة"

- تم اختيار المناطق التي سيتم تنظيفها وأيام العمل كالاتي:
 - شارع ترعة الإسماعيلية (المنطقة حول المسابك) - 22 و 23 أغسطس 2006
 - منطقة الدلتا للصلب - 28 و 29 أغسطس 2006
 - ميدان بهتيم - 4 و 5 سبتمبر 2006

وستتم زيارة هذه المناطق لتحديد المواقع التي سيتم تنظيفها فيها.

- تقرر أن تكون ساعات العمل في اليوم من 9 صباحا إلى 1 ظهرا.

- تم تحديد عدد المشاركين بحيث سيتم ترشيح 11 شخصا من كل جهة (10 شباب ليشاركوا في التنظيف وقائد واحد) كما سيتم ترشيح عدد 3 شباب آخرين في حالة عدم التأكد من حضور كل المجموعة. والجهات هي:

- قصر ثقافة بهتيم
- مركز النيل للإعلام
- مديرية أوقاف شبرا
- مطرانية شبرا الخيمة
- حي شرق شبرا الخيمة

- تم تحديد مواصفات المشاركين كما يلي:
 - السن 16 سنة أو أكبر
 - تتضمن كل مجموعة شباب وفتيات
 - من المفضل أن يكون لدى المشاركين خبرة في عمل تطوعي مماثل

- تحدد المطلوب لأيام التنظيف كما يلي:
 - كتيبات توعية
 - تي-شيرتات
 - قبعات
 - قفازات
 - أقنعة
 - 3 مقشات لكل مجموعة
 - 10 جواريف للتعبئة
 - شوكة تنظيف لكل مجموعة
 - 3 مقاطف لكل مجموعة
 - سيارات يوفرها الحي لنقل المخلفات
 - لافتات توعية في مواقع التنظيف

- سيتم الاستعانة بالباحثين الشباب بمشروع لايف لتنسيق أعمال المجموعات.

- سيقوم حي شرق شبرا الخيمة بتوفير عدد من شتلات الأشجار لزرعهم في إحدى الحدائق التي سيتم تنظيفها أثناء الأنشطة.

- سيتم عمل تقييم للمجموعات وحفل في نهاية الأنشطة حيث سيتم تقديم جائزة لأحسن مجموعة ودعوة السيد المحافظ لتكريم الفائزين.

- سيتم عمل يوم توعية للشباب المشاركين قبل بدء تنفيذ النشاط وذلك يوم في الثانية عشر ظهراً يوم 21 أغسطس 2006 يتم تعريفهم فيه بمشكلة التلوث في شبرا الخيمة ودور التوعية الذي يمكنهم القيام به. كما سيتم عرض الخطة التفصيلية لأيام التنظيف وعرض قصير لرأي الدينين الإسلامي والمسيحي في الحفاظ على البيئة. وسيقوم مشروع لايف بإعداد جدول أعمال اليوم والاتفاق عليه مع السادة ممثلي الجهات المشاركة.

- سيتم التنسيق بين الجهات المشاركة في هذا النشاط لتغطيته إعلامياً في التلفزيون والراديو والصحافة.

- سيتم تسجيل الأنشطة بصورة متكاملة حيث سيتم تصوير حالة المواقع قبل وبعد التنظيف وتوثيق أيام التنظيف والحفل الختامي. سيتم عمل CD يسجل الأنشطة وسيتم توزيعه على عدد من الجهات المشاركة والشباب.

- سيتم التنسيق مع الإدارة الصحية بشبرا الخيمة لمشاركة المراكز الطبية في كل منطقة لتوفير مسؤل للإسعافات الأولية أثناء تنفيذ أنشطة التنفيذ.

- سيتم تنفيذ جميع الخطوات بالتنسيق مع إدارة شرق شبرا الخيمة التعليمية.

اجتماع التخطيط لنشاط الشباب بشبرا الخيمة

4 سبتمبر 2006

حملة تنظيف

5 و 7 و 9 و 11 سبتمبر 2006

هدف الاجتماع:

تعريف الحضور بمشروع لايف وأنشطته مع عرض لمشاكل التلوث البيئي بشبرا الخيمة، خاصة التلوث الصناعي والتلوث الذي تسببه المعادن الثقيلة. وشرح خطوات أيام حملة التنظيف التي ينفذها المشروع بالتعاون مع هيئات المنطقة وشبابها.

جدول أعمال اليوم:

تسجيل	11:00 - 11:15
مقدمة عن التلوث الصناعي بشبرا الخيمة، خاصة التلوث بالمعادن الثقيلة، وعرض لأنشطة مشروع لايف وإنجازاته في هذا المجال.	11:15 - 11:45
عرض لخطوات حملة التنظيف مع تحديد المسؤوليات	11:45 - 12:15

تقرير عن حملة قم بدورك - أنشطة الشباب لتنظيف بعض المواقع بشبرا الخيمة

مشروع معالجة التلوث بالرصاص بمحافظة القليوبية هو واحد من المشروعات الممولة من الوكالة الأمريكية للتنمية الدولية. وقد تعاون المشروع مع كل من جهاز شئون البيئة ومحافظة القليوبية لتنظيف مواقع خمس مسابك للرصاص ومدرسة الشهيد أحمد شعلان الابتدائية وأصبحت هذه المواقع خالية من التلوث بالمعادن الثقيلة. تم مد فترة مشروع لايف وذلك لتنظيف مواقع أخرى بشبرا الخيمة حيث أن التلوث بهذه المواقع يشكل خطورة على صحة المواطنين، وهذه المواقع هي: مدرسة الدلتا للصلب الإعدادية، مركز الكابلات الطبي، ومسبكين مغلقين للرصاص هما: مسبك أسامة زكريا ومسبك خالد سعد.

إن مشاكل التلوث الصناعي بشبرا الخيمة هي جزء من مشاكل بيئية عديدة تعاني منها المدينة ولا يمكن تناول واحدة دون محاولة التعامل مع الأخرى. اتصل مشروع لايف بجميع هيئات المجتمع المحلي النشيطة والفعالة منذ بدء عمله وقام المشروع بتحريك تلك الهيئات نحو أنشطة حماية البيئة من التلوث، خاصة التلوث الصناعي. وقد تبين من خلال التعامل مع تلك الجهات أنه من الصعب فصل مشاكل التلوث الصناعي بالمنطقة عن باقي المشاكل البيئية. ومن أمثلة ذلك أن المشروع قام بتطهير وتأهيل مدرسة الشهيد أحمد شعلان الابتدائية وتكلف ذلك حوالي 2 مليون جنيه مصري ولكن لا تزال القمامة تحيط بالمدرسة ولا يزال الأهالي يستغلون أسوارها لإلقاء المخلفات مما يعرض التلاميذ والعاملين لأخطار التلوث. ويظهر ذلك الأهمية الكبيرة لدور المجتمع المحلي في الحفاظ على أعمال المشروع وجميع أنشطة حماية البيئة بالمنطقة. لذلك كان المطلوب أن يتم تفعيل دور المجتمع بحيث يعي أفراده الأخطار التي تحيط بهم بسبب التلوث ويتخذون الخطوات اللازمة للمشاركة في حماية بيئتهم.

كان من ضمن أنشطة مشاركة المجتمع المحلي التي نفذها المشروع حملة "قم بدورك - أنشطة الشباب لتنظيف شبرا الخيمة". كانت هذه الحملة من مبادرات لجنة المجتمع المحلي بشبرا الخيمة والتي يحضرها قادة المجتمع، سواء كانوا مسئولين حكوميين أو قادة أهليين. لم يكن الهدف من الحملة هو تنظيف المنطقة في حد ذاته بل كان إشراك شباب منطقة شبرا الخيمة في تنظيف المخلفات الصلبة في مواقع معينة بالمنطقة لرفع وعيهم بمشكلة التلوث بمنطقتهم وإعلامهم بالأنشطة التي يقوم بها مشروع لايف لحماية البيئة وكذلك لإقناعهم بقدرتهم على المشاركة الفعالة والقيام بدور مفيد في تحسين الأوضاع البيئية بمنطقتهم.

بدأت الحملة بعدة اجتماعات تحضيرية تم من خلالها تحديد الهيئات المشاركة وهي: حي شرق شبرا الخيمة، قصر ثقافة بهتيم، مدرسة الدلتا للصلب الإعدادية، مركز النيل للإعلام بشبرا الخيمة، مطرانية شبرا الخيمة، وإدارة الأوقاف بشبرا الخيمة. وقد تم خلال الاجتماعات كذلك تحديد الأدوار والمسئوليات الخاصة بكل جهة. قام أعضاء لجنة المجتمع المحلي بدعوة الشباب المتطوعين من الجهات والهيئات التي يمثلونها ووفر مشروع لايف كل الأدوات المطلوبة للحملة سواء للتنظيف أو للحماية الشخصية. تضمنت تلك الأدوات مثلا: لفتيات توعية، تي-شيرتات، قبعات، قفازات، أقنعة، مقشاة، جواريف، شوك تنظيف، مقاطف، ولافتات توعية في مواقع التنظيف. وقام حي شرق شبرا الخيمة قام حي شرق شبرا الخيمة بتوفير كل المعونة اللازمة

لإنجاح الحملة مثل اللوادر التي كانت تنقل المخلفات الصلبة المجمعمة إلى المقالب المخصصة لها كما تولى الحي تعليق لافتات التوعية في مواقع التنظيف. وقد تفضل بالمشاركة في الاجتماعات التحضيرية وفي الجملة ذاتها من الهيئات المشاركة كل من:

اللواء/ فوزي الشامي - رئيس حس شرق شبرا الخيمة

الأستاذ/حامد غنيم - مدير قصر ثقافة بهتيم

الأستاذة/ سناء سعيد - مدير مركز النيل للإعلام

الأستاذة/ ميرفت حسن محمد - رئيس مكتب البيئة بحي شرق شبرا الخيمة

القس/ دوماديوس مقار - كاهن كنيسة الأمير تادرس المشرقي

القس/ يوساب عزيز - كاهن كنيسة القديس بولس الرسول ببهتيم

الشيخ/ محمد عبد العظيم شعلان - مدير أوقاف شبرا

وذلك بالإضافة إلى عدد من العاملين الآخرين بتلك الهيئات.

بدأت الحملة باجتماع لجميع المشاركين يوم 4 سبتمبر 2006 لتعريفهم بالحملة وأهدافها وخطواتها. بدأ تنفيذ الحملة في 5 و 6 سبتمبر وذلك بشارع ترعة الإسماعيلية، في منطقة مدرسة الشهيد أحمد شعلان، ثم تم تنظيف ميدان بهتيم في يومي 11 و 12 سبتمبر. وقد تم تقسيم المتطوعين إلى مجموعات عمل من كل جهة بحيث تتولى كل مجموعة تنظيف موقع محدد من المنطقة التي يتم تنظيفها. بدأ المتطوعون الحملة بحماس كبير وسعدوا كثيرا بإنجاز اليومين الأولين ولكن أحبطهم في الأسبوع الثاني ما وجدوه من تراكم القمامة في المكان الذي نظفوه قبل ذلك. كان لذلك أثرا إيجابيا على المتطوعين حيث زاد وعيهم بالمشكلة وبما يمكن أن يقوم به الأهالي للحفاظ على نتائج أنشطة حماية البيئة. وقد تم دعوة كل المشاركين والمتطوعين إلى حفل ختامي للحملة بقصر ثقافة بهتيم يوم 13 سبتمبر 2006.

أدت الحملة إلي العديد من النتائج الإيجابية ومنها:

- اتصال جهات معنية أخرى بالمنطقة بمشروع لايف للتعاون مستقبلا مثل نواب مجلس الشعب.
- قامت مجموعة من شباب المنطقة باتخاذ خطوات إيجابية حيث تعاونوا للاتصال بالمشروع وتسجيل المخالفات البيئية بالمنطقة وأبدوا استعدادا كبيرا لمساعدة المشروع في رفع الوعي البيئي لدى الأهالي.
- اقترح عدد من الشباب تشجير المنطقة حول مدرسة الشهيد أحمد شعلان وتم توصيل ذلك إلي السيد اللواء رئيس حي شرق وإدارة المدرسة ووعد كلاهما بالتعاون لتنفيذ ذلك.

أما الخطوات القادمة التي سيقوم بها المشروع بالتعاون مع الهيئات المعنية فمنها ما يلي:

- مخاطبة رجال الأعمال، خاصة في المنطقة، لحثهم على المشاركة في حماية البيئة.
- مشاركة شباب المنطقة في أنشطة التوعية للأهالي ومن ذلك قيامهم بوضع نظام للتخلص من القمامة بمنطقة مدرسة الدلتا للصلب حيث يستخدم الأهالي حاليا ممرا بينها وبين المنازل لإلقاء القمامة.

- مشاركة تلاميذ مدرسة الدلتا للصلب الإعدادية التي تم معالجتها وتطهيرها في أنشطة إيجابية لحماية البيئة بمنطقتهم.

Appendix 13:

Report on Adult Education Classes

Event Report

Title

Orientation Day for Adult Teachers

Date

August 16th, 2005

Venue

LIFE-Lead Project premises at East Shoubra El-Kheima District.

Attendees (no., females, males, etc.)

8 adult female teachers of Al-Rahman NGO who are responsible for teaching illiteracy classes to females.

2 female community researchers hired by LIFE-Lead Project.

2 male community researchers hired by LIFE-Lead Project.

1 male member of the Environmental Department of East Shoubra El-Kheima District.

Organizer

LIFE-Lead Project

Purpose

The purpose of this orientation day was to introduce the female adult teachers of the illiteracy classes of Al-Rahman NGO to the lead pollution problem at Shoubra El-Kheima and the remediation activities of LIFE-Lead Project at Ahmad Shaalan School. The day also aimed at involving the teachers in the awareness activities of the project and planning for specific activities with them.

Description

Participants were provided with LIFE-Lead brochure on how to protect one's family from lead pollution. They were also provided with a handout explaining the lead pollution problem in the area and the measures taken to deal with it.

Three presentations were made on the day. The first presentation was by Madiha Afifi, Training Manager, LIFE-Lead Project. The presentation introduced the lead pollution problem in Shoubra El-Kheima area and steps undertaken by LIFE-Lead Project and Egyptian governmental authorities to deal with the problem. The second presentation was by Heba Wafa, Health Risk Assessment Specialist, LIFE-Lead Project. The presentation introduced the health risks of lead pollution and the proper diet that can help minimize such risks. The third presentation was by Salwa Tobbala, Communication Specialist, LIFE-Lead Project. The presentation covered simple measures that can be taken by family members to minimize lead pollution hazards.

A discussion followed the presentations. Participants asked several questions and proposed some methods to introduce what they have learned through the day to their students.

Conclusion and Next Steps

At the end of the day, the teachers were aware of the lead pollution problem in their area, the measures taken to deal with it, and the roles expected of them. The teachers will present the material they were provided with during the day, in a simplified fashion, to their students. This will be done through simple and continuous additions to the curriculum of the illiteracy program.

The community researchers hired by LIFE-Lead Project will plan a seminar for the adult education teachers and students to provide them with relevant information about the lead pollution problem and the measures taken to deal with it. This seminar will be repeated as needed.

Event Report

Title

Community Seminar by Researchers

Date

December 19, 2005

Venue

Al Shahid Ahmed Shaalan Elementary School

Attendees (no., females, males, etc.)

Total: 39

Females: 34

Males: 5

Organizer

Al Shahid Ahmed Shaalan Elementary School and LIFE-Lead Project

Purpose

- 1- Introduce the attendees of the adult teaching program to the harmful effects of lead pollution.
- 2- Know the level of knowledge of the attendees about lead and its hazards.
- 3- Inform the attendees of measures that can be taken to deal with lead pollution.
- 4- Complete the learning cycle between the schools' children and their parents attending the adult learning program.

Description

The researchers of LIFE-Lead Project introduced lead pollution; the health hazards of lead pollution; the remediation of Ahmad Shaalan School, and using simple measures to protect one's family from the hazards of lead pollution through cleaning and nutrition. An open discussion was then conducted with the attendees to answer their questions.

Conclusion and Next Steps

The attendees were interested to know about lead pollution but their information about it is minimal, though their daily life problems, specially solid waste problems was the main highlighted problem by the attendees.

Event Report

Title

Community Seminar by Researchers

Date

December 21, 2005

Venue

Al Shahid Ahmed Shaalan Elementary School

Attendees (no., females, males, etc.)

Total: 36

Females: 30

Males: 6

Organizer

Al Shahid Ahmed Shaalan Elementary School and LIFE-Lead Project

Purpose

- 1- Introduce the attendees of the adult teaching program to the harmful effects of lead pollution.
- 2- Know the level of knowledge of the attendees about lead and its hazards.
- 3- Inform the attendees of measures that can be taken to deal with lead pollution.
- 4- Complete the learning cycle between the schools' children and their parents attending the adult learning program.

Description

The researchers of LIFE-Lead Project introduced lead pollution; the health hazards of lead pollution; the remediation of Ahmad Shaalan School, and using simple measures to protect one's family from the hazards of lead pollution through cleaning and nutrition. An open discussion was then conducted with the attendees to answer their questions.

Conclusion and Next Steps

The attendees were interested to know about lead pollution but their information about it is minimal, but men absence from such programs is noticeable in both sessions.

Appendix 14:

Reports for the Workshops on Educational Supplementary Booklets

Event Report

Title

Teachers' Workshop to produce an environmental booklet for students at Shoubra El-Kheima

Date

January 31 to February 2, 2006

Venue

Transportation Officers House – Shoubra El-Kheima

Attendees (no., females, males, etc.)

Total number: 42

Males: 32

Females: 10

Organizer

LIFE-Lead Project

Purpose

Teachers will participate in working groups to develop environmental activity examples that can be incorporated into current school curricula. The examples will cover industrial pollution, its hazards, and means of solving the environmental problems it causes.

Objectives:

- Understand the concept of Environment.
- Understand the industrial pollution problem at Shoubra El-Kheima.
- Understand the lead pollution problem at Shoubra El-Kheima and know the main messages used to ensure community participation in solving the problem.
- Understand what is meant by Environmental Education and means for its implementation.
- Use environmental activity exercises to practice incorporating environmental concepts into school curricula.
- Participate in working groups to develop environmental activities that can be incorporated into school curricula.
- Participate in working groups to develop practical environmental activities for students.
- Participate in presenting the environmental activities that will be used to develop the environmental activity booklet for students.

Description

This workshop was held for three days. The participants were introduced to the required information through presentations and practical examples, as well as films. Participants worked in groups for most of the workshop duration to produce environmental activities that can be used to produce an environmental activity booklet for students. The activities will be revised and edited by LIFE-Lead Environmental Education Consultant to produce the booklet.

Conclusion and Next Steps

An evaluation discussion was conducted at the end of the workshop. Participants' comments included:

- Each school should appoint one of the teachers who attended the workshop to introduce the booklet idea to his/her colleagues.
- It would be useful to get the feedback of some students on the booklet before producing the final version.
- Awareness activities for the local community are required alongside the application of the booklet activities.
- Further training on how to communicate such messages to students is required.
- Participants should have been informed to bring their curricula during the workshop, for better examples.
- Other awareness tools should be used simultaneously, such as showing films during the computer classes.

LIFE-Lead Environmental Education Consultant will revise the activities developed by the participants and edit them to disseminate accurate messages through the booklet. The development of the final version of the booklet will follow the following timeline:

- Produce final draft of the booklet for testing: February 22, 2006
- Introduce the final draft to relevant representatives of education authorities for feedback: March 5, 2006
- Implement the booklet activities at the relevant schools of Shoubra El-Kheima (experimental phase): March and April 2006
- Follow-up visits to schools for technical assistance and discussing further editing of the booklet.

Event Report

Title

Discuss the final of the Supplementary Booklet and the Activities Booklet with the School Teachers

Date

March 01, 2007

Venue

Dar Dobat EL Nakl Shoubra EL Kehima

Attendees (no., females, males, etc.)

Total: 30

Males: 25

Females: 5

Attendees included teachers from the following schools:

- Kablat Primary School
- Mohamed Sharawy Primary School
- EL Shahid Ahemd Shallan Primary School
- Nagiub Mahfouz Primary School
- Delta Solb Preparatory School

Also, there were head of schools authority department and inspectors.

Organizer

LIFE-Lead Project

Purpose

This workshop was scheduled by the LIFE-Lead project, to demonstrate semi-final version of the environmental booklets and activity booklet to be activated in schools during the second semester.

Description

The booklet was designed by the teachers in delta Solb and Ahmed Shallan School; LIFE-Lead project has refined the ideas and developed the educational material for the students. The version demonstrated in the workshop will be used as a trail for the second semester in the schools. On the other hand, each school has performed a plan on how to apply these booklets and the activity booklet in their schools.

Conclusion and Next Steps

The workshop was very successful; at the end of the workshop a plan was designed from each school to summarize the booklets application during the second semester. It was helpful to have the teachers' inspectors attending the workshop, since they will help the teachers in implementing the booklets in their schools, it will also add a chance to implement this trail in other schools.

Next Steps:

- LIFE-Lead will organize one day event to the inspectors in order to present the booklets initiative
- After the booklets trail in the second semester another workshop will be arranged for the schools and inspector to discuss the problems they faced in implementation in attempt to produce the final version of the booklet.

Appendix 15:

Report on LIFE-Lead Communication Tools

LIFE-Lead Communication Tools

LIFE-Lead project communication tools were divided into different instruments as follows:

- Slideshows/Video Films Documentaries
- Brochures
- Posters: - Generic
- Specialized
- Rollovers Banners
- Banners
- Other Tools

The following are synopsizes to each of the communication tools

Slide Presentations /Video Films Documentaries:

The documentaries were divided into four slideshows and four videos that can be summarized as follows:

A. VIDEOS:

Title: NABIHA DRAMA

Target Group: Women with average and below average literacy as well as illiterate women

Summary:

The 8 minutes drama features a homemaker named Nabiha (Smart in Arabic) whose friends and neighbors always follow her advices because of her cleverness; it focus on Nabiha explaining to her neighbor the health problems associated with lead and how she can protect her family. The drama presents the project's basic messages on what to eat, how to clean, and the effects of wrong habits and practices on the community.



Title: TOUTA, BOUTA & POLLUTION

Target Group: Children from 5 – 10 years old

Summary:

A 11 minutes puppet show; that addresses children between the ages of 5 and 10 learn about simple ways to protect themselves, such as washing their hands and eating foods that strengthen the immune



system through stories told by the puppets,. Because teaching kids about this complex subject is difficult, the project adopted a novel approach by letting puppets do the talking. The puppet show is addressing three characters Touta; who is a well educated smart girl who know the dangers on lead and other heavy metal pollution in the area, Bouta; a mischievous boy who does not believe in these dangers and always makes fun of what Touta says and Barakota; a smelter owner who used not to believe in these dangers then got sick and turned to be a big advocate to these dangers and tries his best to convince bouta and help others to know these dangers to protect themselves.

Title: AHMED SHALLAN SCHOOL

Target Group: People of average and above average literacy

Summary:

A 11 minutes documentary slideshow; that demonstrates Ahmed Shallan primary school before and after remediation; before remediation where lead, antimony, and asbestos, produced by local industries, contaminated the school, putting students at risk of serious health problems and making it hard for them to learn and after remediation where the school is now free of pollution, providing a healthy learning environment for the children and their teachers. The documentary also, shows the dangers of pollution in Shoubra EL Kheima in general and its effect on the children in specific.



Title: OUR BEAUTIFUL LIFE PLAY

Target Group: School Students from 7 years and up

Summary:

A 13 minutes play that was originated by Bahtem culture center members who are students on different preparatory schools, the play main theme was about a student who does not believe in lead pollution dangers until she got sick, and then the play illustrated afterwards the lead pollution dangerous effects and the different ways to protect ourselves against it.



B. Slide Presentations:

Title: THE CLEAN-UP CAMPAIGN IN SHOUBRA EL KHEIMA

Target Group: All Local Community Members

Summary:

A slide presentation of 7 minutes that shows a part of (LIFE)-Lead Pollution Clean-up project in Qalyoubia efforts to encourage community participation in the Shoubra El Kheima that helped tackle some of its biggest pollution problems by raising awareness about environmental issues and convincing residents that they can have an active role in keeping their environment clean. The documentary emphasized the project's efforts and promotes community initiatives, through showing the "Do Your Part Cleanup Campaign." The video demonstrated the campaign members who are basically volunteers from the area's schools, community centers, mosques, and churches to involve residents, especially youth, in a massive campaign to remove trash and debris. The documentary also demonstrated the results of the campaign by showing how residents can have a positive impact on their community by working closely with each other and the local government.



Title: DELTA SOLB SCHOOL

Target Group: People of average and above average literacy

Summary:

A 13 minutes documentary; that demonstrates Delta Solb preparatory school before and after remediation; unlike the other school documentary, the video concentrates more on technical remediation stages and procedures that are needed to clean-up the school.

On the other hand, the documentary also shows the school before remediation and how it differs afterwards.



Title: SHOUBRA EL KHEIMA MEDICAL CENTER

Target Group: All Local Community Members

Summary:

The 10 minutes slides documentary shows the Kablat medical center in Shoubra el Kheima before and after remediation, the film illustrates how the Center was an unpleasant place for staff and patients. The film also shows that the Kablat was also highly contaminated with heavy metals due to hazardous emissions from unregulated factories operating nearby; the facility had found dangerous levels of arsenic, lead, mercury, and cadmium in the buildings and grounds.



The documentary also shows the remediation and renovation process of the facility as well as buying furniture and medical equipments which is funded by US Agency for International Development (USAID).

Title: AHMED SHALLAN SCHOOL CAMP

Target Group: All Local Community Members

Summary:

The 10 minutes documentary shows the camp held by LIFE –Lead project in cooperation with the Education Authority of East Shoubra El Kehima District at Ahmed Shallan school, the film illustrated the camp days with its all stages starting from the planning stage at the first day followed by informing the students about the camp schedule and finalized with all the camp activities (cleaning, students educational and arts projects, drama, singing, etc)



The camp main objective was to raise the awareness and sustain the efforts done during the school clean-up. It meant to raise the awareness of the children on how important it is to keep their school clean and free from pollution that once threatened them; the documentary is aimed to be an example for other schools to follow in their camps and school activities.

C. Project Website

LIFE-Lead created a website that explained its objectives and mandate. The website informed internet users about the project's objectives; its partners; the hazards of lead pollution; previous efforts to deal with the lead pollution problem in Greater Cairo; and communication and technical activities of the project.

The site will be transferred to EEAA for better sustainability of project activities.

Brochures:

LIFE-Lead project has developed three main brochures to serve different project purposes', each can be summarized as follows:

A. Protect yourself and your family from lead pollution **أحمي نفسك و اسرتك من التلوث**

This brochure is the main brochure used in public awareness and community capacity building; it includes the focal project messages. The brochure starts with an introduction that covers the definition of lead and the anticipated dangers from lead pollution on children and adults health, then the brochure emphasis the basic places to find lead polluted dust and finally, it covers necessary ways people should follow to protect themselves and their families from lead pollution (e.g. how to clean, what to eat, children habits .etc)



B. EL Shahid Ahmed Shallan Primary School **مدرسة الشهيد أحمد شعلان الابتدائية**

This brochure starts by explaining how the lead pollution problem is first discovered in Shoubra El Kehima and the main initiatives done by the Egyptian government to solve this problem; and LIFE-Lead project initiation and its main objectives. The brochure then illustrates the remediation process done in Ahmed Shallan School emphasizing the methodology used during each of these steps. Finally; a brief summary about awareness and public participation activities done with the school and suggested ways to sustain this effort.



C. Industrial Pollution Desk **مكتب الاستعلامات البيئية و التلوث الصناعي**

The brochure answers the main questions asked about the Industrial pollution desk established by the project at Shoubra El Kehima public library. It includes the desk definition, what it includes (books, CDs, DVDs, video films etc) and the library role public awareness especially in polluted areas.



Posters:

LIFE-Lead project has developed 14 posters through out the project life; the posters can be divided into generic and specific topics, as follows:

A. Generic Posters:

These posters cover the basic project messages that need to be communicated to the community, generic posters are:



How to Clean?
كيف نتظف؟



What to eat?
ماذا نأكل؟



Lead effects on human health
تأثير الرصاص على صحة الإنسان؟

B. Specific Posters:

These posters cover a specific event in the project, and are developed to be communicated to a specific people for a specific reason, specific posters are:



- Methodology for safe disposal of hazardous wastes
- منهجية التخلص الآمن من المواد الملوثة

- Lead remediation procedures in Ahmed Shallan Primary school
- مراحل تطهير مدرسة الشهيد أحمد شعلان الابتدائية

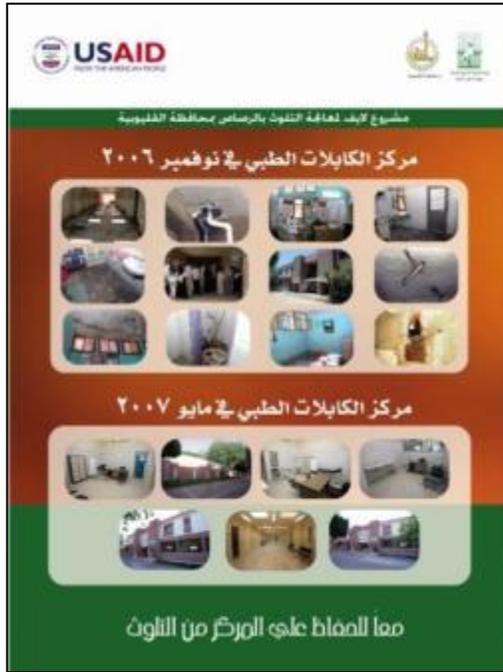


Methodology for remediation Ahmed Shallan school from lead pollution

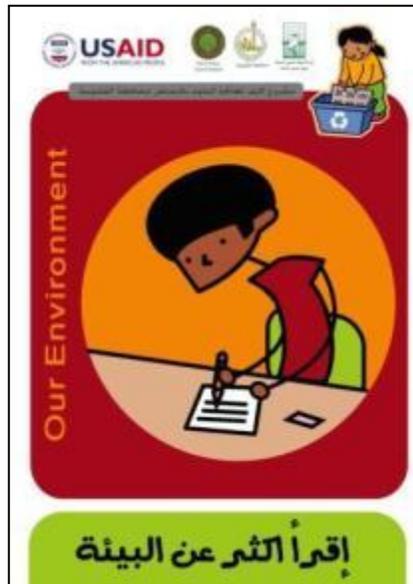
منهجية تطهير مدرسة الشهيد أحمد شعلان الابتدائية من التلوث بالرصاص

- Polluted spots in Ahmed Shallan school
- الأوساط الملوثة في مدرسة الشهيد أحمد شعلان الابتدائية





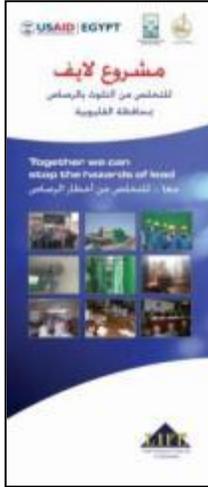
Photos for Kablat medical center before and after remediation
 صور لمركز الكابلات الطبي قبل و بعد المعالجة و التطهير



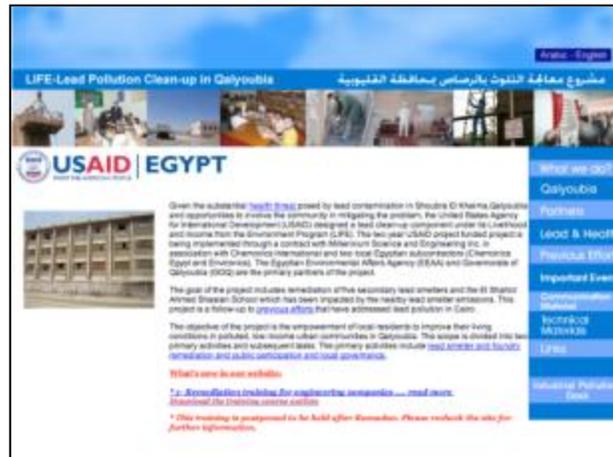
Signs for Industrial Pollution desk
 لافتات إرشادية لمكتب الإستعلامات البيئية

Rollover Banners:

LIFE-Lead project has developed 13 rollover banners though out its life, rollover banners were greatly used during the project events and activities, it was a very good illustrative tool for the project main actions and events, rollover banners topics were as follows:



- General rollover about the project نظرة عامة عن المشروع
- Clean up Campaign at Shoubra el Kehima East District
حملة النظافة في حي شرق شبرا الخيمة
- Awadallah 1,2,3 smelters
مسابك عائلة عوض الله 1،2،3
- Seoudi Smelter
مسابك عائلة سعودي
- El Mahy Smelter
مسبك الماحي
- Rollover banners for Industrial Pollution Desk
مكتب الإستعلامات البيئية
- Communication tools and strategies
أدوات و آليات الإتصال
- Public Awareness and Communication component Achievements
انجازات مكون رفع الوعي و المشاركة المجتمعية
- Project Target Groups
المجموعات المستهدفة
- Steps for Public Awareness and Communication Strategy
خطوات اعداد استراتيجية رفع الوعي و المشاركة المجتمعية



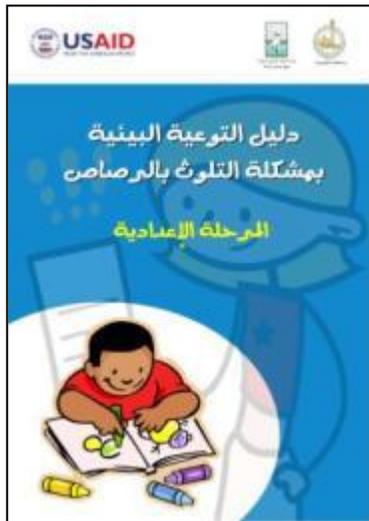
Educational Supplementary Booklets:

LIFE-Lead cooperated with the Education Department of East Shoubra El-Kheima, some of its local school teachers, and EEAA, through a series of workshops to integrate environmental messages into the standard curriculum for a wide range of subjects and created activity books featuring colorful and easy-to-understand messages. Through this participatory approach, three booklets were developed:

- 1- Environmental Awareness Booklet – The Lead Pollution Problem for Primary Stage (5th and 6th Grades, for the first and second terms)
- 2- Environmental Awareness Booklet – The Lead Pollution Problem for Secondary Stage (for the second term)

3- Environmental Activity Awareness Booklet – The Lead Pollution Problem (for primary and secondary stages)

The booklets include an educational section on the lead pollution problem. The first drafts were tested by the teachers at their schools, and further workshops were held to finalize the booklets.



Appendix 16:
Other Event Reports

Event Report

Title

Seminar at the Industrial Residential Area NGO.

Date

June 4, 2006

Venue

Industrial Housing Association of Shobra El-Kheima

Attendees (no., females, males, etc.)

56 females with their children, all residents of Shoubra El-Kheima. The majority were residents of East Shobra El-Kheima District.

Attendees also included some of the staffs of Nile Media Center and Industrial Housing Association.

Organizer

Nile Media Center.

Purpose

- Inform Women of the area of the lead pollution problem.
- Inform Women of how to protect their families from lead pollution problems and the solutions.
- Inform Women of the area of the activities of LIFE-Lead Project, the remediation of Ahmad Shaalan School, the Smelters and the other areas that will start the remediation.

Description

As a results of community mobilization effort, Nile Media Center planned a seminar at the Industrial Residential Area NGO to inform women of Lead pollution. The presentation of the day was by Madiha Afifi, Training Manager, LIFE-Lead Project. Madiha presented the problem of lead pollution in the area of Shoubra El-Kheima, especially East Shoubra El-Kheima District. Madiha also presented the remediation activities of LIFE-Lead Project in the area, Ahmad Shaalan School and Smelters. Madiha also presented the documentary film that shows how to protect their families from lead pollution problems and the solutions. Discussion followed the presentation and Nile Media Center had 10 questions for 10 women with 3 LE for each.

Conclusion

The day was very successful. All attendees are now aware of the size of the lead pollution problem, the measures taken to decrease its hazards, and the methods by which they can protect themselves and their families.

Event Report

Title

Health and Safety Orientation Day for Sampling

Date

November 29, 2004

Venue

LIFE-Lead Premises

Attendees (no., females, males, etc.)

Total: 13

Females: 2

Males: 11

Organizer

LIFE-Lead Project

Purpose

The purpose of this orientation is to introduce the health, safety, and sampling procedures that should be followed during lead sampling. The participants will:

- Understand health and safety procedures applied by Life-Lead project and know how to follow them during their work.
- Know how to sample soil, dust, and wipes from contaminated sites.
- Identify the roles and responsibilities of each partner organization (EEAA, Life- Lead project, and other authorities and companies).

Description

10:00 a.m. – 10:15 a.m.	Registration
10:15 a.m. – 10:30 a.m.	Introduction to the orientation day (Dr. Fatheya Soliman)
10:30 a.m. – 11:15 a.m.	Introduction to the LIFE-Lead project (Phil Brown)
11:15 a.m. – 12:45 p.m.	Safety procedures (Dr. M. Tawfik Abo-el-Ela)
12:45 p.m. – 01:15 p.m.	Break
01:15 p.m. – 02:45 p.m.	Safety procedures (Dr. M. Tawfik Abo-el-Ela) – continued
02:45 p.m. – 03:45 p.m.	Sampling procedures and analysis (Dr. Fatheya Soliman)

At the beginning of the day, Dr. Fatheya gave a brief introduction to the activities of the day and a brief background on the previous work done at the lead smelters at Qalubiyya and their current status. The first session was an introduction to LIFE-Lead project by Mr. Phil Brown. This introduction included an account of the work previously done at the smelter sites and several health and safety hazards of working in lead smelter sites were pointed-out. After Mr. Brown's presentation, Dr. Salah Taher gave a brief presentation on the concrete measurement works that his consultation company will provide for the smelter site of Awadallah I. The second session was a presentation by Dr. Mohammad Tawfik Abo-el-Ela who introduced general health and safety tips of a workplace, especially fields that are similar to lead smelters and lead smelter remediated sites. The final session was an introduction to sampling procedures and analysis by Dr. Fatheya Soliman. Dr. Fatheya introduced the timeline of the sampling that is expected to take place in several smelter sites according to the work plan of LIFE-Lead project. In addition, work plan of the sampling procedures expected to start taking place the next day at Smelter I of Awadallah was explained. The participants were shown some of the equipment they will be using, how to use them, and the role of each of their organizations was explained. Copies of the Health and Safety Procedures were given to each organization and grid distributions of smelter sites were explained to the participants.

Participants who attended the orientation day were from the Egyptian Environmental Affairs Agency (EEAA) – 5 participants, the Egyptian Mineral Resources Agency (EMRA) – 3 participants, and two contractor companies (IWACO -1 participant, and Taher Engineering Consultation – 4 participants).

Conclusion and Next Steps

This was a one-day orientation course to introduce the participants to health, safety, and sampling procedures that should be followed during lead sampling. During the orientation, the participants were expected to:

- Understand health and safety procedures applied by Life-Lead project and know how to follow them during their work.
- Know how to sample soil, dust, and wipes from contaminated sites.
- Identify the roles and responsibilities of each partner organization (EEAA, Life Lead project, and other authorities and companies).

All the presentations during the day were very informative and some of the participants were interactive. Most of the participants seemed to understand English well enough; however, it would have been useful to provide simultaneous interpretation to Mr. Phil Brown's presentation to ensure that the participants understood all points. Dr. Fatheya provided translation of the main points in the presentation of Mr. Brown.

It should be pointed-out that the general presentation given by Dr. Abu-el-Ela was important but should have been more focused on health hazards of a lead smelter, a lead smelter site that is being remediated, or has been recently remediated.

Since this was an orientation day for the participants to carry out specific health and safety procedures the second day, it would have been better to focus the presentations on the exact procedures to be undertaken by the participants, and minimize the general health and safety information. A better orientation would include a specific list of tasks and brief guidelines for the exact health and safety procedures that should be carried-out by the participants, in addition to brief description of the equipment and how to use them.

Event Report

Title

Health and Safety Training Day for the Association for the Protection of the Environment (NGO)

Date

January 12, 2005

Venue

LIFE-Lead Premises

Attendees (no., females, males, etc.)

Total: 8

Females: 1

Males: 7

Organizer

LIFE-Lead Project

Purpose

The purpose of this orientation day is to inform the field officers of the Association for the Protection of the Environment (NGO) of the proper health and safety precautions and procedures that should be observed during their planned clean up of Ahmad Shaalan School.

Description

The orientation started at 10:30 a.m. and ended at 12:30 p.m. First, a brief introduction of LIFE-Lead project was given to the participants. Then the orientation topics were presented. The topics included:

- What is Lead?
- Means of Exposure to Lead.
- The Effect of Lead Blood Level on Human Health.
- Symptoms of Lead Poisoning
- The Status of Ahmad Shaalan School.
- Health and Safety Procedures Before, During, and After the Clean-up Process.
- General Rules for the Clean-up Process.
- Safe Disposal of Tools and Waste of the Clean-up Process.

After the presentation, a discussion was held with the participants to ensure that they understood all topics and will have a clear, well-defined program for the clean-up day.

Conclusion and Next Steps

Dr. Heba Wafa gave a very good presentation and Dr. Zeinab Safar provided all the required facilitation. The participants understood what is required of them to properly observe health and safety procedures and precautions. The discussion at the end of the orientation directed the participants' attention to the need to have a program for the clean-up day, to divide time according to the area to be cleaned and the needed breaks, etc. It was also clear to the participants that there is a need to conduct an inspection visit to the school before the clean-up activity. A representative from the NGO, who was also one of the participants, had visited the school before and written a brief report about its condition. Another visit will be conducted to plan properly for the clean-up.

The orientation was very beneficial to the participants because it informed them of the required precautions, equipment, and tools to be used. The participants also understood the need to set the priorities of the areas to be cleaned in the school.

Three participants from EEAA attended the orientation, two Environmental Researchers from the Environmental Quality Sector, and an Environmental Researcher from the Hazardous Waste Department. It was important for EEAA representatives to attend to be aware of the clean-up activity and give their suggestions and recommendations.

Event Report

Title

GPS Training for the Environmental Unit of the Governorate of Qalyoubia (GOQ)

Date

March 15, 2005

Venue

LIFE-Lead Premises

Attendees (no., females, males, etc.)

Total: 4

Females: 1

Males: 3

Organizer

LIFE-Lead Project

Purpose

The purpose of this day was to introduce the staff of the Environmental Unit of the GOQ to the GPS and to train them on using it and saving required coordinates on it.

Description

Amr Ismail, LIFE-Lead Engineer, introduced the GPS instrument to 4 of the staff of the GOQ Environmental Unit. He explained to them how to use it and save coordinates on it. The staff then

Conclusion and Next Steps

Event Report

Title

KAP Study Research

Date

26 July – 15 August; 2007

Venue

Shoubra EL Kehima

Organizer

Life-Lead Project

Purpose

The research main objective was to compare the level of knowledge, attitudes and practices of Shoubra el Kehima residences before and after the project.

The research aimed to study the project activities influence on Shoubra EL Kehima residences and if these activities succeeded in raising the residences awareness regarding the hazardous of lead and heavy metals in their area and the ways to protect themselves against these dangers.

The preparation of the KAP study started by conducting a four days workshop from 16-19 July, 2007 in order to qualify the project counterparts to participate in the KAP study, meanwhile to train the researchers on the professional ways on research conveyance, how to design a questionnaire and how to collect information for KAP survey.

On the other hand, Life-Lead communication team has started modifying the males/females questioners as well as designing a new questionnaire for students in order to post test their practices, attitudes and knowledge, in addition to analyzing the influence of different project activities on their behavior.

On July 26, 07 the questionnaire has been tested in the field of study by applying it on a sample of 36 residents. Feedback from the researchers was considered in finalizing the questionnaire.

Data collection took place in Shoubra el Kehima during the period from 26 July – 15 August; 2007 and has been conducted by 6 of life-lead outreach researchers and two supervisors. The testing sample distribution can be summarized as follows:

150 Males

150 females

50 Students

50 Decision Makers

Data processing for the research started this quarter by using the **Statistical Package for Social Science (SPSS)** where 400 questionnaires have been entered. Data analyzing is currently in process by the communication consultant as well as the communication team. It is planned to produce the final KAP report and study analysis on the next quarter.

Event Report

Title Human Health Risk Assessment Training

Date Week 1: from 13-15 November, 2007

Week 2: from 18-20 November, 2007

Venue LIFE-Lead Project Premises

Attendees (no., females, males, etc.)

Week 1 attendees: 5 females and 2 males

Week 2 attendees: 5 females and 1 male

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

The trainers of these two training events include John W. Christensen from Millennium Science and Engineering in addition to Heba Wafa from LIFE- Lead Project who are both Health Risk Assessment Specialists.

Organizer

LIFE-Lead Project

Purpose

The training program aims at helping the participants understand the basic concepts of the Human Health Risk Assessment process. The training encompasses a theoretical background in addition to practical case studies.

Description

This training is designed for two groups each group will be trained for three days.

Day 1 started with Program overview and objectives followed by the following:

- Definition
- Purpose
- Planning
- The basic elements of human health risk assessment
- Data collection
- Evaluation methods
- Exposure assessment and chemical screening
- Toxicity assessment

Day 2 tackled the following subjects:

- Risk characterization
- Uncertainty Analysis
- Risk Management
- Development of risk based remediation goals
- Adult lead model
- IEUBK and segregation of hazard quotients

Day 3 was kind of practical applications involved case studies

Conclusion and Next Steps

The trainers provided the following conclusion and recommendations for the training: All of the trainees received a strong foundation on the theory, they gained the information and the skills needed to achieve the training purpose.

Most of the trainees agreed that they do not need more training on the Human Health Risk Assessment while some of them commented that the training contained a lot of information so more time was needed to understand the subject. Also more practical application needed due to the difficulty of the subject.

Some trainers advised to have other colleagues attend this training like:

- Researchers from the Environmental Impact Assessment Department
- Water Analysis Researchers
- Environmental Monitoring Center
- Toxicity Department
- Doctors and Chemical Engineers from EEAA
- University lecturers and assistant lecturers at the Environmental Health Section
- Alexandria Governorate Environmental Unit

Some trainees recommended other authorities to attend the training like governorate officials and physicians from Ministry of Health and Population.

All of the trainees said that this training will be applied on their work each in his/her field:

- Applying the Health Risk Assessment in EIA
- Applying the Health Risk Assessment in the Water Monitoring Center
- University Staff will train the post graduate students on this subject after including the material to the curriculum
- Some trainees are encouraged to do some research on the subject after the training
- Applying this training on the upcoming remediation project for smelters at Ellaban area after relocation

All the trainees agreed that the subject and material were excellent and very well prepared, the only concern was on the lack of time.

They all agreed that the trainers were excellent, they commented that they were very cooperative, helpful, very good at conducting the information, they gave the trainees the chance to participate.

Some have a concern on John's language that they couldn't understand him easily.

Trainees view of the training in general was good but trainees needed more time for practical application, they find the training venue suitable, the AV equipment was enough, finally they recommended to have more of such trainings

Event Report

Title

“Field Research Stages and Skills” Training

Date

July 16-19, 2007

Venue

Maadi Hotel

Attendees (no., females, males, etc.)

25 participants (11 male and 14 female) from:

- * EEAA Central Department of Communication and Environmental Awareness
- * EU at Qalyobia Governorate
- * Shoubra El Kheima General Library
- * Bahteem Culture Center
- * Community Outreachers

Organizer

LIFE Lead Project in cooperation with communication Consultant

Purpose

- 1- Introduce the attendees to the concept of Public Opinion.
- 2- Teach the attendees how to design and analyze questionnaires.
- 3- Train the attendees on field research.
- 4- Teach the attendees how to use the output of the questionnaires in preparing communication campaign.

Description

According to the communication strategy to build the capacity of the project’s counterparts (EEAA and Qalyoubia Governorate) it was planned to involve EEAA people in LIFE-Lead KAP final study, hence a 4 days training on “Field Research Stages and Skills” training was held.

Day 1 started with discussing the participants’ expectations, then an introduction and objective of the training were introduced to the participants, followed by presentation on the Public Opinion and ways of measurement.

Day 2 was more into the practical part. It was about how to design and analyze questionnaires and the common mistakes in forming questions.

Day 3 included presentations on the stages of field research, sample types and data collection problems. The training also tackled the quantitative and qualitative statistical analysis for the collected data.

Day 4 dealt with communication campaigns and how to measure its success. Then the training ended with practical applications and end of course evaluation.

Conclusion and Next Steps

The attendees were interested to know about the communication campaigns and data analysis and how to apply it in their work.

Event Report

Title

Orientation Day for Adult Teachers of El Rahman NGO

Date

August 16th, 2005

Venue

LIFE-Lead Project premises at East Shoubra El-Kheima District.

Attendees (no., females, males, etc.)

8 adult female teachers of Al-Rahman NGO who are responsible for teaching illiteracy classes to females.

2 female community researchers hired by LIFE-Lead Project.

2 male community researchers hired by LIFE-Lead Project.

1 male member of the Environmental Department of East Shoubra El-Kheima District.

Organizer

LIFE-Lead Project

Purpose

The purpose of this orientation day was to introduce the female adult teachers of the illiteracy classes of Al-Rahman NGO to the lead pollution problem at Shoubra El-Kheima and the remediation activities of LIFE-Lead Project at Ahmad Shaalan School. The day also aimed at involving the teachers in the awareness activities of the project and planning for specific activities with them.

Description

Participants were provided with LIFE-Lead brochure on how to protect one's family from lead pollution. They were also provided with a handout explaining the lead pollution problem in the area and the measures taken to deal with it.

Three presentations were made on the day. The first presentation was by Madiha Afifi, Training Manager, LIFE-Lead Project. The presentation introduced the lead pollution problem in Shoubra El-Kheima area and steps undertaken by LIFE-Lead Project and Egyptian governmental authorities to deal with the problem. The second presentation was by Heba Wafa, Health Risk Assessment Specialist, LIFE-Lead Project. The presentation introduced the health risks of lead pollution and the proper diet that can help minimize such risks. The third presentation was by Salwa Tobbala, Communication Specialist, LIFE-Lead Project. The presentation covered simple measures that can be taken by family members to minimize lead pollution hazards.

A discussion followed the presentations. Participants asked several questions and proposed some methods to introduce what they have learned through the day to their students.

Conclusion and Next Steps

At the end of the day, the teachers were aware of the lead pollution problem in their area, the measures taken to deal with it, and the roles expected of them. The teachers will present the material they were provided with during the day, in a simplified fashion, to their students. This will be done through simple and continuous additions to the curriculum of the illiteracy program.

The community researchers hired by LIFE-Lead Project will plan a seminar for the adult education teachers and students to provide them with relevant information about the lead pollution problem and the measures taken to deal with it. This seminar will be repeated as needed.



LIFE-Lead Pollution Clean-up in Qalyoubia

Women and Environment Seminar

Tuesday, March 29, 2005

City Council – Shoubra El-Kheima

LIFE-Lead Pollution Clean-up Project in Qalyoubia is a USAID-funded project that is being implemented by the Governorate of Qalyoubia and the Ministry of State for Environmental Affairs. The project has a communication component that plans and implements several activities aiming at mobilizing all stakeholders in Shoubra El Kheima to actively participate in lead pollution clean-up activities.

One of the communication activities of the project is the Women and Environment Seminar that is being conducted in cooperation with the National Council for Women – Qalyoubia Branch on Tuesday, March 29, 2005 at 10:30 a.m.

The seminar aims at clarifying and emphasizing the role of women in facing environmental problems. The seminar will also address the necessity of collaboration between the government and the people to reduce the problem of lead pollution in Qalyoubia, which has negative effects on human health, especially for women and children. Women have particularly important roles since they are responsible for teaching their children sound environmental behavior that best protects them from the effects of lead pollution.

The seminar will be held under the auspices of HE Councilor Adly Hussein, Governor of Qalyoubia. Attendees will include: active NGOs from Shoubra El Kheima; Local Council members; women leaders such as women secretariats of several parties; women community leaders from rural areas (raida rifiyya), who are affiliated to the Ministry of Social Affairs and the Ministry of Health; and members of the National Council for Women.

The LIFE-Lead Pollution Clean-up Project in Qalyoubia aims at remediating six lead contaminated sites in the East Shoubra El Kheima district that are polluted with lead (five lead smelter sites and a school). The project also aims at raising the public awareness of the lead pollution problem. The LIFE-Lead Project is a continuation of several efforts by the Ministry of State for Environmental Affairs, in cooperation with Governorate of Qalyoubia, to solve industrial pollution problems in general and the lead pollution problem in particular. These efforts resulted in the closing down of lead smelters in Qalyoubia and their transfer outside residential areas to a suitable industrial area, specifically planned to host such industries. Such efforts have significantly reduced the lead pollution problem in Shoubra El Kheima.

To best perform its communication role, the LIFE-Lead Project coordinates its work with its stakeholders in the Governorate of Qalyoubia to disseminate the necessary messages to protect human health from lead pollution as well as implement more activities for schools and entities concerned with women and women health conditions in the East Shoubra El Kheima district.

**مقترحات مجموعات العمل
ندوة المرأة والبيئة
29 مارس 2005**

I. مجموعة القيادات السياسية
■ أعضاء المجموعة:

012 / 3274464 – 2873423	أمينة المرأة بالحزب الوطني الديمقراطي بالقلوبية	سامية النشوقي	1
012 / 1764329	أمينة المرأة بالحزب الوطني لحي شرق شبرا	منى محمد محمد حافظ	2
2230450	مسئولة عن منطقة عزبة الورد بمسپرد	منى فهمي	3
4752400	أمينة المرأة عن عزبة بدران	سعاد عبد الوهاب	4
4708382	أمينة عن منطقة أسكو	بغدد أحمد حسين	5
2171911	أمينة المرأة بالقناطر الخيرية	منى محروس حسن عبد الرحمن	6
2214657 – 4706945	المجالس المحلية	شربات عبد المحسن – عن منطقة منشية الحرية	7
013/ 32233699 010 / 5115678	أمينة المرأة بحزب الوفد بالقلوبية	سحر الطحاوي	8

■ مقترحات المجموعة:

1. توزيع وجبة غذائية بالحديد والزنك على طلاب المدارس في المناطق الملوثة بالرصاص.
2. إنشاء مركز طبي للتحليل والمعالجة من لرصاص في المنطقة الغنية بالرصاص والتي كان يوجد بها المسابك.
3. الإهتمام بإنشاء حديقة نموذجية في موقع المسابك لتنقية الهواء.
4. إشترك عدد من المدارس بحى شرق شبرا الخيمة في حملات التوعية وزيادة عدد المارس الراد تنقيتها من التلوث.
5. الدعوة لعمل أسبوع للبيئة وتنظيفها ذاتياً.
6. زيادة نسبة التشجير فى شوارع شبرا الخيمة والإهتمام بإستكمال تغطية المصارف و رصف الطرق لربطها بالمناطق الرئيسية ومراكز تقديم الخدمات.
7. تفعيل الدور الإعلامى لوزارة البيئة وإشراك أمينات الأحزاب بكافة المناطق السكنية حيث يضم الحزب حوالى 52 أمينة بكل وحدة حزبية وتمثل المرأة نسبة 25%.

الآليات المقترحة لتوصيل الرسائل إلى المرأة:

- التوعية في مكان العمل بعمل CD بسيط لعرض المشكلة.
- تنظيم ندوات بدور العبادة.
- تنظيم ندوات من خلال الجمعيات الأهلية لعرض الأفلام وشرحها مع تقديم وجبة غذائية تساعد على الحد من التلوث بالرصاص
- دعوة المرأة إلى أمانة المرأة ونوادي المرأة بمراكز الشباب والمراكز الصحية
- عمل نوادي سياسية بدعوة أعضاء مجلسي الشعب والشورى لتلبية طلبات الحاضرين

II. مجموعة فتيات الحزب الوطني

■ أعضاء المجموعة:

4736949	أمينة الفتيات بالمحافظة	أميرة أحمد سالم	1
4737662	عضو لجنة الفتيات	أميرة عبد الحميد	2
2212402	عضو لجنة الفتيات	ولاء وطني محمود	3
2211068	عضو لجنة الفتيات	دعاء يسري السيد	4
4705841	عضو لجنة الفتيات	دعاء عز الدين سيد علي	5
2210300	عضو لجنة الفتيات	أميرة محمود إبراهيم	6

■ مقترحات المجموعة:

الآليات المقترحة لتوصيل الرسائل إلى المرأة:

- المادة الفيلمية والتلفزيونية التي تتناول كافة المعلومات المتعلقة بالمشاكل البيئية التي تتعرض لها المنطقة في إطار يتناسب مع المستوى الإدراكي للفرد في تلك المنطقة.

الآليات المقترحة لتوصيل الرسائل إلى الأطفال:

- عمل أفلام كرتونية للعرض في مكاتب المدارس والمكاتب العامة بالإضافة إلى الملصقات الكرتونية بالفصول تعبر عن مخاطر التلوث بالرصاص والأضرار الناجمة عنها وطرق الوقاية منها.

الآليات المقترحة لتوصيل الرسائل إلى الشباب:

- الوسائل الإعلامية يجب أن تشمل المادة الفيلمية والمطبوعات والندوات التثقيفية والحلقات النقاشية في أماكن تجمع الشباب كالنوادي ومراكز الشباب
- تكوين مجموعات عمل من الشباب لنشر التوعية والبيئية بالمنطقة

الآليات المقترحة لتوصيل الرسائل إلى المدرسين والطلبة:

- عقد ندوات ودورات تثقيفية للمدرسين حول كيفية مخاطبة الطفل بالمدرسة بما يتناسب مع المستوى الفكري والقدرة الإستيعابية لديه
- التعريف بحجم مشكلة التلوث الحقيقية والآثار الناتجة عنها

الآليات المقترحة لتوصيل الرسائل إلى العمال المسابك:

- التوعية للعمال عن الطب الوقائي وأمراض المهنة
- وصرف أدوية حديد وزنك لمعالجة التلوث بالرصاص

III. مجموعة القيادات النسائية

■ أعضاء المجموعة:

012 / 3164619	منزل 5827222 معمل 7495196	أ.د. فتننت محمود طلحة مقررة المجلس القومي للمرأة	1
012/4005203 012 / 7441837	2156079 2140879 2200721 (عمل)	أ/ هدى ميخائيل عبد الملك المقرر المناوب	2
010/5145682	4687868 عمل 4695275	أ/ فاطمة محمد علوان	3
013/7441834	منزل 600643 – 604046 601149 فاكس عمل 604434 عمل 600071	أ/ جمالات رافع	4

■ مقترحات المجموعة:

- توعية فى أماكن العمل من خلال الندوات
- توزيع كتيبات ونشرات
- تنظيم ندوات من خلال الجمعيات الأهلية
- تنظيم ندوات فى أماكن تجمع المرأة: المراكز الصحية وتنظيم الأسرة – نوادى المرأة – مراكز الشباب – فصول محو الأمية)

IV. مجموعة القيادات الطبيعية

■ أعضاء المجموعة:

1	نادية جودة محمد	موظفة بقصر ثقافة بهتيم	4737407
2	رباب خالد زكي	آداب بنها	4717745
3	إيناس عبد العليم حسنين	موظفة بقصر ثقافة بهتيم رئيس قسم المرأة بهتيم – ثقافة بهتيم	4700913
4	ميرفت محمد حسين	زائرة صحية بالتأمين الصحي	2217205

■ مقترحات المجموعة:

الآليات المقترحة لتوصيل الرسائل إلى المرأة:

- تنظيم حملة إعلامية للتوعية بالآثار السلبية للتلوث بالرصااص
- عمل فيلم تسجيلى عن آثار التلوث بالرصااص
- نشر المخاطر الناجمة عن التلوث بالرصااص وكيفية الحد منها بأسلوب مبسط
- عمل مسرحيات عرائس للأطفال وأفلام كرتون وقصص للترسيخ المعلومة
- التنسيق بين وسائل الإعلام والجمعيات الأهلية لتنظيم الندوات والاجتماعات للتوعية
- تدريب متخصصين للحوار مع المرأة الأمية وربة المنزل لإقامة الندوات لتوعية المرأة الأمية
- وربة المنزل فى أماكن تواجدها كمراكز تنظيم الأسرة ومراكز محو الأمية
- إقامة ندوات دينية بالمساجد والكنائس للتوعية عن طريق المنبر الدينى

الآليات المقترحة لتوصيل الرسائل إلى المدرسين والطلبة:

- عقد ندوات ودورات تثقيفية للمدرسين حول كيفية مخاطبة الطفل بالمدرسة بما يتناسب مع المستوى الفكرى والقدرة الإستيعابية لديه
- التعريف بحجم مشكلة التلوث الحقيقية والآثار الناتجة عنها

V. مجموعة الجمعيات الأهلية
■ أعضاء المجموعة:

2211381	جمعية الإسكان الصناعي مسكن الإسكان الصناعي أمام كريستال عصفور	أ/ شحاتة محمد سيد أحمد	1
2206820	جمعية تنمية المجتمع المحلي بإسكان الكابلات محمد الأنصار عبد العزيز أمين الجمعية	أ/ محمد الأنصارى	2
4759603	جمعية التنمية الإنسانية (حياتي) عمارات المرأة المعيلة - شبرا الخيمة	أ/ سامية صلاح	3
2202826	الجمعية الأهلية للنظافة والتجميل	أ/ سامية الديب محمد	4
012/7879016	جمعية التنمية الاستثمارية للمرأة	منى عبد الواحد فرج نائب رئيس مجلس الإدارة	5
	جمعية تنمية ونهوض الأسرة بالقليوبية	أ/ جيهان فاروق عبد التواب	6

■ مقترحات المجموعة:

- عمل بروشور ، كتيبات، تنظيم ندوات وحملات توعية إعلامية (إذاعة وتليفزيون)
- التوعية عن طريق فصول محو الأمية والخطب الدينية والزيارات منزلية
- التوعية من خلال الوحدات الصحية

■ الإحتياجات

مشروع لأيف:	وزارة الدولة لشئون البيئة:	حتى شرق:
- نشر الوعي البيئى بمشكلة التلوث بالرصاص	- الدعم المادى والفنى	- معدات وأماكن لعقد اللقاءات
- تقديم وجبات غذائية متكاملة	- تفعيل قانون البيئة	
- العناصر لأطفال الحضانات والمدارس بالمنطقة الملوثة		
- الرسائل الإعلامية		
- الإحصائيات		
- برامج لتدريب الكوادر		
- نشرات الرعاية الصحية		



Lead
Pollution
Clean-Up
in Qalyoubia

ندوة المرأة والبيئة

2005/3/29

مجلس مدينة شبرا الخيمة

جلسة الإفتتاح السيد المستشار/ عدلى حسين - محافظ القليوبية كلمة المجلس القومى للمرأة كلمة جهاز شئون البيئة كلمة مشروع لايف	11:30 – 11:00
مشروع تنظيف و تطهير التربة من التلوث بالرصاص Life – Lead دكتور/ خالد عبد العزيز - نائب مدير مشروع لايف	11:50 – 11:30
إستراتيجية الإعلام والتعليم والإتصال الأستاذة/ مديحة عفيفى - مدير مكون التدريب والإتصال بمشروع لايف	12:20 – 11:50
الآثار الصحية للتلوث بالرصاص من واقع الدراسات السابقة والحالية دكتورة/ هبه وفا - أخصائى مخاطر صحية	12:40 – 12:20
دور المرأة فى الحد من مشكلة التلوث بالرصاص دكتورة/ زينب صفر - مستشار المشروع وعضو المجلس القومى للمرأة	1:10 – 12:40
مجموعات عمل وعرض نتائج كل مجموعة: مجموعة الجمعيات الأهلية - مجموعة القيادات السياسية - مجموعة القيادات الطبيعية إدارة مجموعات العمل - الدكتورة/ زينب صفر	2:30 – 2:10
الإتفاق على الخطوات المستقبلية بناء على ما تم عرضه الأستاذة/ مديحة عفيفى	2:30 – 2:00

مشروع معالجة التلوث بالرصاص بمحافظة القليوبية

ندوة المرأة والبيئة

الثلاثاء 29 مارس 2005

مجلس مدينة شبرا الخيمة

في إطار الشراكة بين محافظة القليوبية ووزارة الدولة لشئون البيئة لتنفيذ مشروع لايف لمعالجة التلوث بالرصاص بمحافظة القليوبية والتمويل من الوكالة الأمريكية للتنمية الدولية، يقوم المشروع بالتخطيط وتنفيذ مجموعة من الأنشطة الإتصالية التي تهدف إلى حشد جهود الأطراف المعنية على مستوى شبرا الخيمة من أجل المشاركة بفاعلية في أنشطة مواجهة التلوث بالرصاص. وفي هذا الإطار ينظم المشروع بالتعاون مع فرع المجلس القومي للمرأة بمحافظة القليوبية " ندوة المرأة والبيئة " يوم الثلاثاء الموافق 29 مارس 2005 بمجلس مدينة شبرا الخيمة في تمام الساعة 10:30 صباحاً.

وتهدف الندوة إلى التأكيد على دور المرأة في التصدي للمشكلات للبيئية وضرورة تكاتف الجهود الحكومية والشعبية للحد من مشكلة التلوث بمحافظة القليوبية حيث يعد الرصاص من أخطر العناصر المؤثرة على الصحة وخاصة على الأطفال والسيدات، ويقع على المرأة العبء الأكبر لتعليم أبنائها العادات السليمة التي يجب إتباعها لتجنب المخاطر الصحية للتعرض للتلوث بالرصاص.

وتقام الندوة تحت رعاية السيد المستشار/ عدلى حسين محافظة القليوبية بحضور ممثلى الجمعيات الأهلية بمدينة شبرا الخيمة وأعضاء المجالس المحلية وقيادات وكوادر النسائية ممثلة فى أمينات المرأة بالأحزاب والرائدات الريفيات بمديرية الشئون الاجتماعية ومديرية الصحة وأعضاء المجلس القومي للمرأة .

ويهدف مشروع معالجة التلوث بالرصاص بمحافظة القليوبية - إلى معالجة وتطهير ستة مواقع ملوثة بعنصر الرصاص متمثلة في خمسة مسابك للرصاص ومدرسة بحى شرق مدينة شبرا الخيمة بالإضافة إلى رفع الوعي بمشكلة التلوث بالرصاص . ويأتى هذا المشروع إستكمالاً لمجهودات سابقة قامت بها وزارة الدولة لشئون البيئة بالتعاون مع محافظة القليوبية للتصدي لمشكلة التلوث بالرصاص بصفة خاصة، والتلوث الصناعى بصفة عامة. وقد بدأت بالفعل بغلق مسابك الرصاص بالمحافظة ونقلها خارج الكتلة السكنية بالمنطقة الصناعية المخططة لذلك، مما أدى إلى الحد بشكل كبير من التلوث بالرصاص بمنطقة شبرا الخيمة.

وفى هذا الصدد يقوم المشروع بالتنسيق مع الجهات المعنية بمحافظة القليوبية لنشر الرسائل الصحية اللازمة للتحكم فى آثار التلوث بالرصاص والعمل على تكتيف الأنشطة الموجهه للمدارس بحى شرق شبرا الخيمة والجهات المعنية بالمرأة وصحتها.

احتفالات اليوم العالمي للبيئة

اليوم الثاني – 7 يونيو 2005

منتدى المرأة والبيئة

الهدف من المشاركة في هذا المنتدى

يشارك مشروع لايف لمعالجة التلوث بالرصاص بالقليوبية والممول من الوكالة الأمريكية للتنمية الدولية في منتدى المرأة والبيئة الذي يقام ببيت القاهرة يوم السابع من يونيو 2005.

ويهدف المشروع إلى:

- توضيح مخاطر التلوث بالرصاص وتأثيره على صحة الأم والطفل.
- توصيل رسائل الخاصة بالمشروع عن التلوث بالرصاص.
- تقديم أنشطة معالجة التلوث بالرصاص التي يقوم بها مشروع لايف بمنطقة شبرا الخيمة.
- تنسيق توقيع اتفاقيات التعاون بين كل منم جهاز شئون البيئة وحي شرق شبرا الخيمة وأصحاب مسابك الرصاص بشبرا الخيمة.

الاحتفال بيوم البيئة العالمي – يونيو 2005
اليوم الثاني 2005 /6/7
"المرأة والبيئة"

الساعة: 9.00 – 9.30 ص تسجيل

الساعة: 9.30 – 10.15 ص افتتاح

- التعريف بالندوة وأهدافها
الدكتورة / مواهب أبو العزم
السادة المتحدثون:
- السيد / أنتوني فانس الوكالة الأمريكية للتنمية الدولية (USAID)
- الأستاذة الدكتورة / فرخنده حسن أمين عام المجلس القومي للمرأة
- السيد المستشار / عدلى حسين محافظ القليوبية
- السيد المهندس / ماجد جورج وزير الدولة لشئون البيئة

الساعة 10.15 – 10.30

السيد الدكتور رئيس جهاز شئون البيئة و السيد اللواء رئيس حى شرق شبرا الخيمة يقوما بالتوقيع على اتفاقيات التعاون لبدأ أعمال معالجة التلوث بمسابك الرصاص بشبرا الخيمة فى حضور السيد المهندس وزير الدولة بشئون البيئة والسيد المستشار محافظ القليوبية

الساعة: 10.30 – 10.45 استراحة

الساعة: 10.45 – 11.45

الجلسة الأولى
وحدة المرأة بوزارة الدولة لشئون البيئة واللجان النوعية
رئيس الجلسة: د0 زينب صفر
مقرر الجلسة: د0 أحلام حنفى
السادة المتحدثون:
- د0 مواهب أبو العزم
- د0 مجدى علام
- د0 منى جمال الدين

الساعة: 11.45 – 1.15

الجلسة الثانية
تأثير التلوث بالرصاص على صحة الأم والطفل
رئيس الجلسة: د0 مجدى علام
مقرر الجلسة: أمانى جمال الدين
السيدة/ السادة المتحدثون:
أمانى جمال الدين
د0 خالد عبد العزيز خالد
د0 مجدى علام
اللواء/ فاروق خاطر

السيدة/ مديحة عفيفى

الجلسة الثالثة الساعة: 1.15 – 2.15
ما تم إنجازه لوحدات تكافؤ الفرص وفروع المجلس القومى للمرأة
فى القاهرة الكبرى فى مجال البيئة
رئيس الجلسة: د0 محمدى السيد عيد
مقرر الجلسة: هدى حنفى
السادة المتحدثون:
- ممثلوا وحدات تكافؤ الفرص بالوزارات

ختام الساعة 2.15 – 2.30

غذاء الساعة: 2.30 – 3.30