

*Summary Report On*

**THE ENVIRONMENTAL EDUCATION WORKSHOPS :  
SOLID WASTE MANAGEMENT FOR SECONDARY  
TECHNICAL SCHOOL TEACHERS IN DAKHLIA AND  
DAMMIETTA GOVERNORATES**

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**Submitted by:**

**Dr. Hala Adel**

**A E D •**

**REPORT ON  
THE ENVIRONMENTAL EDUCATION WORKSHOPS:  
SOLID WASTE MANAGEMENT FOR SECONDARY  
TECHNICAL SCHOOL TEACHERS IN DAKAHLIA AND  
DAMMITTA GOVERNORATES  
July, 14 and 16, 2001**

**submitted by:  
Dr. Hala Adel**

***INTRODUCTION***

In the year 2000, the Academy for Education Development (AED) produced a learning supplement on solid waste management. The supplement consisted of a book, a set of 12 transparencies, a video film, and a CD. This learning supplement was directed to secondary technical school teachers and thus it was sent to all these schools in the country. The AED was keen to implement several workshops, in different Governorates, in order to train teachers on how to use the learning supplement. The total number of workshops implemented before July 2001 was 9 workshops. These workshops were held in the Governorates of Alexandria, the Red Sea, Aswan, Quena and Sohag.

During July, 2001, two other workshops were held, one of which was implemented at the capital of Dakahlia Governorate, *i.e.* El Mansoura city, and the other was carried out in Dammita Governorate. All 11 workshops were implemented in cooperation with the Ministry of Education (MOE), and the Egyptian Environmental Affairs Agency (EEAA). In addition, the British SEAM project (Support of Environmental Awareness and Management) cooperated in the implementation of Sohag, Quena, Dammita and Dakahlia workshops.

The last two workshops, *i.e.* Mansoura and Dammita, were prepared and implemented by Dr. Hala Adel, AED consultant, with the help of Mr. Moataz Abdel Fattah. The target group in both workshops was the teachers of the Commercial, Industrial, Agricultural and Hotelary schools. The total number of participants who attended Mansoura and Dammita workshops was 74, including the Education Directorate officials in both Governorates, (see annex 1, and 2, list of participants in both workshops). In Mansoura, about 40% of the teachers were females, while in Dammita they represented 37% of teachers.

### ***WORKSHOP OBJECTIVES***

- 1- To introduce technical school teachers to the concept of environmental education and its relation to commercial, industrial, agricultural, and hotelary schools;
- 2- to raise teachers environmental awareness, enhance their understanding of solid wastes problem in Egypt and its impact on the environment, and to introduce them to solid waste management concepts;
- 3- to present the learning supplement and get participants feedback about its different components;
- 4- to experience some of the learning activities in the SWM book; and
- 5- to encourage teachers to carry out some positive actions in their local environment.

### ***WORKSHOPS PROCEEDINGS***

The 2 workshops started by distributing a pre-workshop evaluation forms, participants were asked to answer some questions that helped in assessing their knowledge and information about solid waste management issues. (see annex, 3, 4 the pre-evaluation results in the 2 workshops)

In Mansoura city, the opening session started by an introduction, where Dr. Hala Adel welcomed the participants and explained the workshop objectives, and methodology, (see annex 5, workshop agenda in Dakahlia).

Then, Mr. Mohammed Reda, the General Director of the Environmental and Population Education Department in Cairo, gave a speech about the importance of SWM issue, especially for technical school teachers and students. He explained that during their work, technical school graduates will deal with different materials and wastes, therefore, its important for them to understand the best ways for treating these wastes. In addition, Mr. Reda focused on the importance of the follow up, and assured the teachers that the Ministry of Education and the Education Directorate in Dakahlia will carry out several visits to the schools to monitor their work, and to see the activities they will implement.

Another speech was given by engineer Mohammed Kamal, head of the Central Department for Environmental Training, Education and Awareness in the EEAA. Mr. Kamal focused on the importance of the solid waste management issue and gave some examples that helped the participants in recognizing the value of this issue.

On the other hand, in Dammitta workshop (see annex 6, Dammitta workshop agenda), Ms. Etamad Ahmed and Ms. Lilla Mansour, experts from the Environmental Education and population Department in Cairo, talked in the opening session about the importance of environmental education for technical schools, and the value of the SWM learning supplement teachers will get. They also talked about the importance of the follow up and documentation.

During both workshops, a participatory approach was followed in order to encourage the participants to discuss different issues and share their information. The followed technique focused mainly on dividing participants into small groups, where they implemented some learning activities using the SWM book. After they finished, participants presented the results of their work in a plenary session where all of them had the chance to discuss issues and made comments. In addition a plenary session was allocated to introduce the learning supplement, and discussion followed.

By the end of each workshop, final evaluation forms were distributed, (see annex 7, 8 the results of the final evaluation in the 2 workshops).

### ***RESULTS OF THE PRE- AND POST EVALUATION***

The following represents the analysis and results interpretation of the workshops.

#### ***A- DAKAHLIA WORKSHOP***

1- It seems that 94% of the teachers never attended any environmental education workshops before.

2- The percentage of the teachers who implement environmental activities with their students was 74%, these activities included holding seminars, producing posters, planting trees,.. etc.

3- No right answers were given when participants were asked about the objectives of environmental education, but 51% of the teachers gave answers that were right to some extent. However, 36% and 13% of the teachers gave wrong answers or did not answer the question, respectively. This reflects the fact that teachers did not attend any training on this subject before.

4- A percentage of 19% of the teachers did not know the sources of solid wastes, and only 15% gave the right answers when asked about these sources. After the training, the percentage of the right answer raised up to 62%.

5- No one knew the meaning of environmental auditing before the training, but after the workshop, 61% of the teachers gave the right definition of EA.

6- Only 32% of the teachers knew the difference between reuse and recycle, although 77% of them mentioned the right answer when asked about the benefits of recycling wastes. However, after the workshop, 96% of them gave answers that ranged between right and right to some extent, when the same question was repeated.

7- About 66% of the teachers mentioned that their schools play an important role concerning environmental protection, such as raising students awareness towards the environment, tree planting, and recycle some of the wastes produced at the school level.

8- A percentage of 87% of teachers were completely satisfied about the workshop. In addition, when teachers were asked about their degree of benefit, 83% of them said that they were completely benefited.

9- Teachers said that they liked the learning supplement, (see annex 7).

#### ***B- DAMMITTA WORKSHOP***

1- All the teachers who attended Dammitta workshop did not attend any environmental education workshops before.

2- About 63% of the participants implemented environmental activities with their students in the schools.

3- No right answers were given when participants were asked about environmental education objectives, while 66.5% gave answers that were right to some extent.

4- No one gave the right answer when asked about the sources of solid wastes, while only 41% gave answers that were right to some extent. After the training, 100% of the teachers gave right answers or answers that were right to some extent.

5- No right answers were given when teachers were asked about solid waste management elements, while 41% gave answers that were right to some extent. In addition, no one knew the meaning of environmental auditing. But after the workshop, 82% of the teachers gave the right definition of EA.

6- Only 26% of teachers knew the difference between reuse and recycle, although 89% of them mentioned the right answers when asked about the benefits of wastes recycle. After the workshop 100% of teachers gave answers that ranged between right and right to some extent.

7- A percentage of 75% of teachers were completely satisfied about the workshop. In addition, when teachers were asked about their degree of benefit, 57% of them said that they were highly benefited.

8- Teachers appreciated the learning supplement, and most of them said that it is an excellent and useful addition for them.

**ANNEX (1)**

**LIST OF PARTICIPANTS IN  
DAKAHLIA WORKSHOP  
JULY, 14, 2001**

أسماء المشاركين والمشاركات

المنصورة - ١٤ يوليو

- ١- أحمد عبد الرحيم الشاعر
- ٢- الحسيني ابراهيم فرج
- ٣- حسنية عبد المطلب
- ٤- محمد رزق عبد السلام
- ٥- سامية محمد عبد الحميد
- ٦- محمد حامد سلامة
- ٧- محمود فوزي شعبان
- ٨- ايناس عبده الشربيني
- ٩- نجلاء المتولي ابراهيم
- ١٠- أميرة منصور الطنطاوي
- ١١- أسامة زكي حافظ
- ١٢- أحمد صالح أحمد
- ١٣- ابراهيم صبحي أحمد
- ١٤- محمد عبد الرازق عبد الهادي
- ١٥- طه الشحات علي
- ١٦- الشربيني الشربيني عبد الغني
- ١٧- ابراهيم مطاوع ابراهيم
- ١٨- عبد العزيز محمد محمد
- ١٩- جمال أبو الفتوح ابراهيم
- ٢٠- حنان شفيق عباس
- ٢١- عبد الفتاح فتحي عبد الفتاح
- ٢٢- سهير حمدان
- ٢٣- محمد علي رمضان
- ٢٤- علاء أحمد محمد
- ٢٥- أمل فكري بدر
- ٢٦- محمد ابراهيم مصطفى
- ٢٧- نجوي معوض صالح
- ٢٨- محمود عثمان محمد
- ٢٩- محمد السعيد حسن
- ٣٠- صلاح محمود علي النحاس
- ٣١- محمد ماجد أحمد
- ٣٢- إيمان محمد علي
- ٣٣- عبد السلام ابراهيم
- ٣٤- علاء مصطفى محمد
- ٣٥- محمد طلعت السيد
- ٣٦- سهام محمد السيد
- ٣٧- هالة لطيف محمد
- ٣٨- رضا سعد الشحات
- ٣٩- أمل عطية ابراهيم
- ٤٠- محمد جلال محمد

- ٤٣- محمد عبد الرحمن نافع  
٤٤- فريال ابراهيم الدسوقي  
٤٥- محمد فتحي محمود  
٤٦- طلعت طلعت عطوة  
٤٧- قمرية محمد السعيد العوضي

**ANNEX (2)**

**LIST OF PARTICIPANTS IN  
DAMMITTA WORKSHOP  
JULY, 16, 2001**

أسماء المشاركين والمشاركات  
دمياط - ١٦ يوليو

- ١- أجلال عبد الحميد مصطفى
- ٢- عصام محمد ومدوح
- ٣- محسن جمعة
- ٤- ريجي سمير صالح
- ٥- زينب محمد أبوزيد
- ٦- أماني معوض عبد الصمد
- ٧- ايمان محمود
- ٨- سمير فوزي عوضين
- ٩- عمر عزت أبوالعز
- ١٠- ماجدة عبد السميع
- ١١- كرم محمد يسري
- ١٢- عباس محمد عباس
- ١٣- مدحت يحيي عبد اللطيف
- ١٤- شكري محمود عبد العال
- ١٥- ومدوح محمد فوزي
- ١٦- حسن أحمد ابراهيم
- ١٧- أشرف عبد العزيز شحاته
- ١٨- امتثال جابر محمد
- ١٩- محمد عبده محمد
- ٢٠- معتز محمود هلال
- ٢١- ابتسام يوسف غالي
- ٢٢- شريف علي خميس
- ٢٣- السيد البدوي الرفاعي
- ٢٤- إسلام كرم الخياط
- ٢٥- أحمد محمد يوسف
- ٢٦- أحمد المتولي سيد
- ٢٧- نهال حمدي

**ANNEX (3)**

**THE PRE-EVALUATION RESULTS  
DAKAHLIA WORKSHOP  
JULY, 14, 2001**

**INTERPRETATION OF THE PRE-EVALUATION CARRIED  
OUT WITH TECHNICAL SECONDARY SCHOOL TEACHERS  
IN DAKAHLIA GOVERNORATE CONCERNING  
SOLID WASTE MANAGEMENT ISSUES**

**JULY, 14, 2001**

**TOTAL PRE-EVALUATION FORMS = 47**

**1- HAVE YOU PARTICIPATED BEFORE IN ANY ENVIRONMENTAL  
EDUCATION WORKSHOPS?**

	<i>%</i>
yes	(6)
No	(94)

**2- DO YOU IMPLEMENT ANY ENVIRONMENTAL ACTIVITIES IN  
YOUR SCHOOL?**

	<i>%</i>
yes	(74.5)
No	(25.5)

**3- IN CASE OF YES, PLEASE GIVE EXAMPLES**

<b>THE ENVIRONMENTAL ACTIVITIES</b>	<i>%</i>
1- Encouraging students to keep the school clean and to protect the surrounding environments.	43
2- hold some seminars about environment and draw some posters concerning environmental issues.	29
3- Participate in increasing the planted area in the school	26
4- do some camps that protect the environment	11.5

**4- WHAT DO YOU KNOW ABOUT THE ENVIRONMENTAL  
EDUCATION OBJECTIVES?**

	<i>%</i>
Right answer	0
Right to some extent	51
Wrong answer	36
No answer	13

12

**5- WHAT ARE THE SOURCES OF SOLID WASTES?**

	<i>%</i>
Right answer	15
Right to some extent	57.5
Wrong answer	19
No answer	8.5

**6- WHAT ARE THE ELEMENTS OF SOLID WASTE MANAGEMENT?  
(IN ORDER TO ITS IMPORTANCE)**

	<i>%</i>
Right answer	0
Right to some extent	4
Wrong answer	32
No answer	64

**7- WHAT IS THE DIFFERENT BETWEEN REUSE AND RECYCLE?**

	<i>%</i>
Right answer	32
Right to some extent	21
Wrong answer	30
No answer	17

**8- WHAT DO YOU KNOW ABOUT ENVIRONMENTAL AUDITING?**

	<i>%</i>
Right answer	0
Right to some extent	0
Wrong answer	30
No answer	70

**9- ARE THERE ANY BENEFITS FROM WASTES RECYCLING ?**

	<i>%</i>
yes	77
No	0
No Answer	23

**10- IN CASE OF YES, MENTION THESE BENEFITS**

<b>BENEFITS OF RECYCLING</b>	<b>%</b>
1-Get rid of the a great quantity of solid wastes decrease the rate of pollution	61
2- Creating job opportunities for youth	39
3- Produce and save some materials that enter the industrial cycle more than one time	25
4- Income increase	17

**11- DO YOU CONSIDER YOUR SCHOOL PLAYING A ROLE IN ENVIRONMENTAL PROTECTION IN YOUR CITY?**

	<b>%</b>
yes	66
No	6
No Answer	28

**12- IN CASE OF YES, PLEASE EXPLAIN HOW?**

<b>THE ROLE OF THE SCHOOL IN PROTECTING THE ENVIRONMENT</b>	<b>%</b>
1- Raising students awareness about how to protect the environment	32
2- Recycling some of the wastes produced form the different workshops in the school	29
3- Tree planting	16

**ANNEX (4)**

**THE PRE-EVALUATION RESULTS  
DAMMITTA WORKSHOP  
JULY, 16, 2001**

**INTERPRETATION OF THE PRE-EVALUATION CARRIED  
OUT WITH TECHNICAL SECONDARY SCHOOL TEACHERS  
IN DAMMITTA GOVERNORATE CONCERNING  
SOLID WASTE MANAGEMENT ISSUES  
JULY, 16, 2001**

**TOTAL PRE-EVALUATION FORMS = 27**

**1- HAVE YOU PARTICIPATED BEFORE IN ANY ENVIRONMENTAL  
EDUCATION WORKSHOPS?**

	%
yes	()
No	(100)

**2- DO YOU IMPLEMENT ANY ENVIRONMENTAL ACTIVITIES IN  
YOUR SCHOOL?**

	%
yes	(63)
No	(37)

**3- IN CASE OF YES, PLEASE GIVE EXAMPLES**

<b>THE ENVIRONMENTAL ACTIVITIES</b>	%
1- Hold some seminars about how to keep the environment clean	29
2- Encourage students to keep the school and the classroom clean	29
3- Train students how to benefit form the environmental wastes either in their houses or in the school	24
3- Do some origami by using environmental wastes	18
4- Encourage students to do some research on environmental issues	12

**4- WHAT DO YOU KNOW ABOUT THE ENVIRONMENTAL  
EDUCATION OBJECTIVES?**

	%
Right answer	0
Right to some extent	66.5
Wrong answer	30
No answer	3.5

**5- WHAT ARE THE SOURCES OF SOLID WASTES?**

	<i>%</i>
Right answer	7.5
Right to some extent	59
Wrong answer	33.5
No answer	0

**6- WHAT ARE THE ELEMENTS OF SOLID WASTE MANAGEMENT?  
(IN ORDER TO ITS IMPORTANCE)**

	<i>%</i>
Right answer	0
Right to some extent	41
Wrong answer	15
No answer	44

**7- WHAT IS THE DIFFERENT BETWEEN REUSE AND RECYCLE?**

	<i>%</i>
Right answer	26
Right to some extent	40.5
Wrong answer	30
No answer	3.5

**8- WHAT DO YOU KNOW ABOUT ENVIRONMENTAL AUDITING?**

	<i>%</i>
Right answer	0
Right to some extent	0
Wrong answer	18.5
No answer	81.5

**9- ARE THERE ANY BENEFITS FROM WASTES RECYCLING ?**

	<i>%</i>
yes	89
No	4
No Answer	7

**10- IN CASE OF YES, MENTION THESE BENEFITS**

<b>BENEFITS OF RECYCLING</b>	<b>%</b>
1- Keeping the environment clean	42
2- Produce useful materials with less cost	29
3- Decreasing the amount of solid wastes in the environment	25
4- Creating job opportunities for youth	17
5- Income increase	17
6- Saving environmental resources such as energy	17

**11- DO YOU CONSIDER YOUR SCHOOL PLAYING A ROLE IN ENVIRONMENTAL PROTECTION IN YOUR CITY?**

	<b>%</b>
yes	74
No	22
No Answer	4

**12- IN CASE OF YES, PLEASE EXPLAIN HOW?**

<b>THE ROLE OF THE SCHOOL IN PROTECTING THE ENVIRONMENT</b>	<b>%</b>
1- Raising students awareness about how to protect the environment	45
2- Recycling some of the wastes produced form the different workshops in the school	25
3- Implement some environmental camps	15

**ANNEX (5)**  
**DAKAHLIA WORKSHOP AGENDA**



**ANNEX (6)**

**DAMMITTA WORKSHOP AGENDA**

## " أنت جزء من الحل "

ورشة عمل التربية البيئية لمدرسي المدارس الثانوية الفنية بمحافظة دمياط  
عن : الإدارة المتكاملة للمخلفات الصلبة :  
١٦ يوليو ٢٠٠١

### برنامج الورشة

تسجيل المشاركين والمشاركات :	٩.٢٠ - ٩.٠٠
كلمات افتتاحية .	١٠.٢٠ - ٩.٢٠
* كلمة د . هاله عادل ( منسق الورشة )	
* كلمة م . محمد كمال	
المشرف علي الإدارة المركزية للإعلام والتوعية البيئية بجهاز شئون البيئة	
X كلمة الأستاذ محمد رضا	
مدير الإدارة المركزية للتربية البيئية والسكانية بوزارة التربية والتعليم	
* كلمة السيد الأستاذ / مدير مديرية التربية والتعليم بمحافظة دميا	
* كلمة ممثل مشروع SEA	
: إستراحة شاي	١١.٠٠ - ١٠.٢٠
: تقديم ومناقشة الحقيبة التدريبية علي إدارة المخلفات الصلبة :	١١.٢٠ - ١١.٠٠
أ - الكتاب	
ب - الشفافات	
: التدريب علي نماذج مختارة من الأنشطة التعليمية الواردة	١٢.٢٠ - ١١.٢٠
في كتاب إدارة المخلفات الصلبة:	
العمل في مجموعات	
مجموعة ( ١ ) : لعبة البندق	
مجموعة ( ٢ ) : غازات الصوبة .	
مجموعة ( ٣ ) : ماذا كان يفعل أهاليينا ؟	
مجموعة ( ٤ ) : تصميم نموذج مصغر لمدفن صحي	
مجموعة ( ٥ ) : فصل المخلفات الصلبة	
مجموعة ( ٦ ) : اقترح برنامجاً لإدارة المخلفات في مدرستك نشاط تعليمي ( ٢١ ) ص ١٢١	
مجموعة ( ٧ ) : المراجعة البيئية	
نشاط تعليمي ( ٢ ) ص ١٧	
نشاط تعليمي ( ٧ ) ص ٣٥	
نشاط تعليمي ( ١٤ ) ص ٩٧	
نشاط تعليمي ( ١٥ ) ص ٩٩	
نشاط تعليمي ( ١٨ ) ص ١١١	
نشاط تعليمي ( ٢٤ ) ص	
١٣٢	
: عرض ومناقشة نتائج عمل المجموعات .	١٤.٠٠ - ١٢.٢٠
: إستكمال تقديم ومناقشة الحقيبة التدريبية علي إدارة المخلفات الصلبة :	١٥.٠٠ - ١٤.٠٠
ج - فيلم فيديو	
د - القرص المدمج (C.D)	

: تقييم ورشة العمل ( كيف يمكن إدماج هذه الأنشطة في الدروس والمقررات )

: غداء ومغادرة .

**ANNEX (7)**

**FINAL EVALUATION RESULTS**  
**DAKAHLIA WORKSHOP**

**INTERPRETATION OF THE FINAL EVALUATION  
CARRIED OUT WITH TECHNICAL SECONDARY SCHOOL  
TEACHERS IN DAKAHLIA GOVERNORATE  
JULY, 14, 2001**

**TOTAL NUMBERS OF FORMS: 47**

**1- IN GENERAL WHAT IS YOUR DEGREE OF SATISFACTION ABOUT THIS TRAINING?**

Completely satisfied (87)                      Satisfied (13)  
Not Satisfied                      (0)                      Not sure (0)

**2- WHAT IS THE DEGREE OF YOUR BENEFIT OF THIS TRAINING?**

Completely benefited (83)                      Benefited to some extent (17)  
I do not Know                      (0)                      I did not benefit                      (0)

**3- IN YOUR OPINION WHAT ARE THE MAIN OBJECTIVES ACHIEVED BY THIS TRAINING ?**

<b>THE MAIN OBJECTIVES OF THE WORKSHOP</b>	<b>%</b>
1- Our overview to the solid wastes changed after the workshop and now we understand how to deal with it.	65
2- We were introduced to several information concerning different environmental issues	17
3- We understood the dangers of pollution and the importance of protecting environmental resources	9
4- We were trained on environmental activities that are applicable	4.5

**4- WHAT DO YOU THINK ABOUT:**

**A- THE SOLID WASTE MANAGEMENT BOOK:**

<b>OPINIONS</b>	<b>%</b>
1- It is an excellent book and easy to be used	32
2- It is a very good and useful book	28
3- It deals with environmental issues in an easy and accurate way	26

**B- THE TRANSPARENCIES**

<b>OPINIONS</b>	<b>%</b>
1- Good, clear and useful transparencies	36
2- Excellent transparencies	32
3- It made the information more clear	17
4- Attractive and interesting in transforming information	13

**C- THE VEDIO FILM**

OPINIONS	%
1- Useful and considered a helping factor in clarifying the issues raised in the book	30
4-An excellent film	26
3- Attractive and Interesting	17
4- It encourage people to do something towards environment	15

**D- THE CD**

OPINIONS	%
1- An excellent CD	53
2- A Good, clear and useful CD	11

**5- WERE THE MATERIALS AND TOOLS PROVIDED DURING THE WORKSHOP SUFFICIENT FOR THE IMPLEMENTATION OF THE ACTIVITIES?**

Yes (87)      To some extent (13)      No (0)

**6- DO YOU HAVE ANY SUGGESTIONS TO INTEGRATE THE ENVIRONMENTAL EDUCATION CONCEPT AND THE SOLID WASTE MANAGEMENT ISSUES IN YOUR WORK WITH THE STUDENTS? PLEASE EXPLAIN**

SUGGESTIONS	%
1- Teachers can suggest that students reuse some of the wastes produced in the school workshops and recycle some others.	36
2- Transformation of information gained form this workshop to other teachers and students	18
3- Integration of environmental education in the school curricula	9

**7- WHAT ARE THE SOURCES OF SOLID WASTES?**

	%
Right answer	62
Right to some extent	34
Wrong answer	4
No answer	0

**8- WHAT IS THE DIFFERENT BETWEEN REUSE AND RECYCLE?**

	<i>%</i>
Right answer	53
Right to some extent	43
Wrong answer	2
No answer	2

**9- WHAT DO YOU KNOW ABOUT ENVIRONMENTAL AUDITING?**

	<i>%</i>
Right answer	61.5
Right to some extent	15
Wrong answer	6.5
No answer	17

**10- ARE THERE ANY MORE REMARKS YOU WOULD LIKE TO MENTION?**

<b>REMARKS</b>	<i>%</i>
1- No remarks	33
2- Increasing the number of the such workshops	28
3- Increasing the period of the training	23

**ANNEX (8)**

**FINAL EVALUATION RESULTS  
DAMITTA WORKSHOP**

**INTERPRETATION OF THE FINAL EVALUATION  
CARRIED OUT WITH TECHNICAL SECONDARY SCHOOL  
TEACHERS IN DAMMITTA GOVERNORATE  
JULY, 16, 2001**

**TOTAL NUMBERS OF FORMS: 27**

**1- IN GENERAL WHAT IS YOUR DEGREE OF SATISFACTION ABOUT THIS TRAINING?**

Completely satisfied (75)                      Satisfied (25)  
Not Satisfied                      (0)                      Not sure (0),

**2- WHAT IS THE DEGREE OF YOUR BENEFIT OF THIS TRAINING?**

Completely benefited (57)                      Benefited to some extent (43)  
I do not Know                      (0)                      I did not benefit                      (0)

**3- IN YOUR OPINION WHAT ARE THE MAIN OBJECTIVES ACHIEVED BY THIS TRAINING ?**

<b>THE MAIN OBJECTIVES OF THE WORKSHOP</b>	<b>%</b>
1- It made clear some environmental ideas and information about how to protect the environment	48
2- It made clear how to deal with solid waste management	37
3- Acquiring new training techniques and skills to transform information in the field of environment	19

**4. WHAT DO YOU THINK ABOUT:**

**A- THE SOLID WASTE MANAGEMENT BOOK:**

<b>OPINIONS</b>	<b>%</b>
1- It is an integrated and valuable book	25
2- It is a good book because it deals with several issues and concepts	21
3- It is an excellent book	18
4- It is an ideal sample of a book that discusses the SWM issue	14

**B- THE TRANSPARENCIES**

<b>OPINIONS</b>	<b>%</b>
1- Excellent transparencies	22
2- Good and clear transparencies	22
3- It helps in presenting the issue in a simple way	17
4- It have a lot of information that are useful when presenting the subject	15

**C- THE VEDIO FILM**

OPINIONS	%
1- Attractive and Interesting	28
2- It makes clear the best ways to deal with SWM issue	25
3- An excellent film	21

**D- THE CD**

OPINIONS	%
1- An excellent CD	29
2- A Good and interesting CD	18

**5- WERE THE MATERIALS AND TOOLS PROVIDED DURING THE WORKSHOP SUFFICIENT FOR THE IMPLEMENTATION OF THE ACTIVITIES?**

Yes (89%)      To some extent (4%)      No (7%)

**6- DO YOU HAVE ANY SUGGESTIONS TO INTEGRATE THE ENVIRONMENTAL EDUCATION CONCEPT AND THE SOLID WASTE MANAGEMENT ISSUES IN YOUR WORK WITH THE STUDENTS? PLEASE EXPLAIN**

SUGGESTIONS	%
1- The school curricula should have information about solid waste management	15
2- Implementation of the activities in the SWM book	8
3- Helping teachers by giving the schools materials and equipment necessary to implement the activities in the book	8

**7- WHAT ARE THE SOURCES OF SOLID WASTES?**

	%
Right answer	75
Right to some extent	25
Wrong answer	0
No answer	0

**8- WHAT IS THE DIFFERENT BETWEEN REUSE AND RECYCLE?**

	%
Right answer	68
Right to some extent	32
Wrong answer	0
No answer	0

**9- WHAT DO YOU KNOW ABOUT ENVIRONMENTAL AUDITING?**

	<i>%</i>
Right answer	82
Right to some extent	7
Wrong answer	0
No answer	11

**10- ARE THERE ANY MORE REMARKS YOU WOULD LIKE TO MENTION?**

<b>REMARKS</b>	<i>%</i>
1- Increasing the period of the training	21
2- We thank the supervisors of this work	11
3- We hope that this kind of workshops increase in the future	11
4- We need more training and follow up during the school year	11