

# memorandum

PO-AAA-438  
15M-45201

DATE: May 1, 1986  
REPLY TO ATTN OF: Richard D. McLaughlin, Program Officer  
SUBJECT: Evaluation Report - Malaria Control (383-0043)  
TO: See Distribution

Attached for your information is a copy of the Evaluation Report and the Evaluation Summary Part I for the Malaria Control Project (383-0043).

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Info:

Eileen Oldwine:HPHR

Attachments: a/s

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# 4. EVALUATION SUMMARY PART I

(BEFORE FILLING OUT THIS FORM, READ THE ATTACHED INSTRUCTIONS)

**A. REPORTING A.I.D. UNIT**  
 (Mission or AID/W Office) **USAID/Colomb**

**B. WAS EVALUATION SCHEDULED IN CURRENT FY ANNUAL EVALUATION PLAN?**  
 yes  slipped  ad hoc

**C. EVALUATION TIMING**  
 interim  final  ex post  other

Mid-project Evaluation

**D. ACTIVITY OR ACTIVITIES EVALUATED** (List the following information for project(s) or program(s) evaluated; if not applicable, list title and date of the evaluation report)

Project #	Project/Program Title (or title & date of evaluation report)	First PRGAG or equivalent (FY)	Most recent PAC (mo/yr)	Planned LCP Cost ('000)	Amount Obligated to Date ('000)
383-0043	Malaria Control		February 28, 1978	10/87 30,000	28,500

**E. ACTION DECISIONS APPROVED BY MISSION OR AID/W OFFICE DIRECTOR**

Action(s) Required	Name of officer responsible for Action	Date Action to be Completed
1. Develop plan for regional trial and demonstration of integrated malaria control.	AMC/ISTI	January 1, 1987
2. Select RMO and U.S. counterpart for 3-month vector control experience in U.S.A.	ISTI/AMC/USAID	November 1986
3. Select region for trial and demonstration.	AMC	November 1986
4. Develop standardized entomological surveillance system at regional level.	AMC/ISTI	EOP
5. Integrate epidemiological and entomological surveillance system.	AMC/ISTI	EOP
6. If all of the above are completed, extend project for up to two years using current resources.	USAID/MOH/AMC	March 1987
7. Contract locally for production of well designed information/education materials	ISTI/USAID/AMC	June 1986

(Attachments, if necessary)

**F. DATE OF MISSION OR AID/W OFFICE REVIEW OF EVALUATION**

no 4 day 3 year 86

**G. APPROVALS OF EVALUATION SUMMARY AND ACTION DECISIONS:**

Signature Typed Name Date	Project/Program Officer	Representative of Borrower/Grantee	Evaluation Officer	Mission or AID/W Office Director
	B. Eilene Oldwine	M.U.L.P. Samarasinghe	Anne Dammarell	Frank D. Correl
	<i>B. Oldwine</i>	<i>M. Samarasinghe</i>	<i>A. Dammarell</i>	<i>F. Correl</i>

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4. EVALUATION ABSTRACT (do not exceed the space provided.)

The Project Loan and Grant Agreement between Sri Lanka and the United States of America (as amended for 1984-7) was reviewed from March 10 through April 4. The results of the review were summarized under the following areas: (1) technical assistance; (2) commodities; (3) surveillance and epidemiology; (4) vector biology and control programs; (5) training and manpower development; (6) health education; (7) programming, planning and management; and (8) suggested activities for the length of the project. The major objective of the current project is to develop an integrated malaria control program on the basis of existing technology by adding vector control methods, health services and volunteer programs. Excellent progress has been made in training for headquarters and regional personnel. Progress has been made in intersectoral coordination. Limited progress has been made in the use of additional vector control methods. There is still a dependence on malathion residual house spraying and drug treatments as the main tools in the Anti-Malaria Campaign. Although the 2 chemical interventions are still potent, the number of cases continues above an acceptable level as defined by the project, and there is concern about the long-term sustainability of these 2 methods. A loss of susceptibility to malathion has been demonstrated, but this insecticide is still operationally useful. Chloroquine-resistant Plasmodium falciparum has also been detected. The potential for both types of resistance in the near future coupled with increasing human resistance to house spraying resulting in reduced coverage confirm the importance of the project's objective to develop an integrated control program.

The team's primary recommendation is the planning and operational implementation of a regional trial and demonstration of the integrated malaria control program. At present an overall plan for such a project does not exist. The development of such a plan is a major priority. The team feels the time allotted to make the transition from the conventional malaria methodology to the integrated system was underestimated and, therefore, recommends that the current project be extended for up to 2 years using current resources if the conditions specified are met. Specific recommendations are included in each section of the report. The following recommendations are highlighted:

- (1) The selection of a Region as a trial and demonstration area.
- (2) The development of a plan and modification of staff duties at the Regional level to accomplish this project.
- (3) The detail of the Regional Malaria Officer from the selected Region to a fully operational mosquito district in the U.S. for 2-3 months of direct experience in entomological surveillance and control with the return of the U.S. counterpart to Sri Lanka for another 2-3 months.
- (4) Modifications in use of current surveillance for directing integrated approach.
- (5) Development of a standardized, routine entomological surveillance for the Region.
- (6) Project extension with existing resources to provide for system planning and RMO work experience followed by one year to organize and modify the Regional program and accumulate, integrate and analyze surveillance over an entire season. The second year of extension would provide for testing and demonstration the integrated approach.
- (7) If items 1, 2 and 3 have not been accomplished by the end of calendar year 1986, the team recommends that the extension of the project be reconsidered.

I. EVALUATION COSTS

1. Evaluation Team

Name	Affiliation	Contract Number OR TDY Person Days	Contract Cost OR TDY Cost (CS\$)	Source of Funds
Steven Bjorge	Medical Services Consultants	22	\$41,356	Grant
Gerald Brooks	Medical Services Consultants	22		
Earle de Fonseka	University of Colombo	20		
Alton Wilson	Medical Services Consultants	22		
Donald Weidhaas	Medical Services Consultants	27		

2. Mission/Office Professional Staff Person Days (estimate) 27

3. Borrower/Grantee Professional Staff Person-Days (estimate) 20 (2 people 10 days each)

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