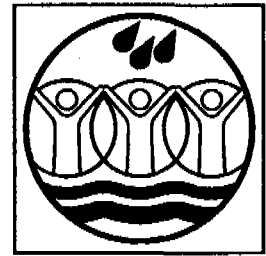


Community Water Supply & Sanitation Project

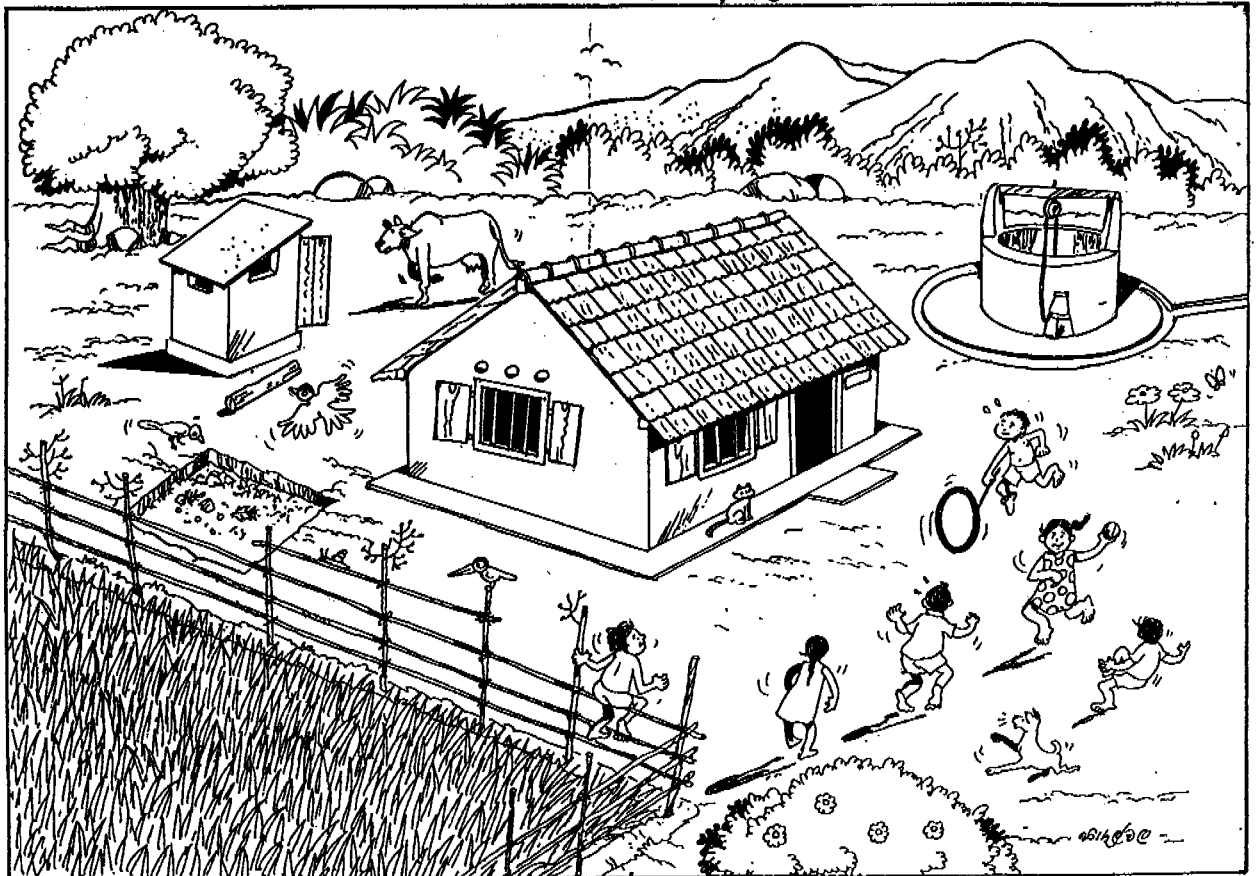


Quarterly Progress Report

No. 2/1995

(April 01 to June 30, 1995)

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C W S S P

- The Community Water Supply and Sanitation Project is an initiative of the Government of Sri Lanka with the support of the World Bank.
- The CWSS Programme Unit located within the Ministry of Housing, Construction & Public Utilities coordinates the project. The Regional Directorates in Badulla, Matara and Ratnapura, support Partner Organizations and Community Based Organizations in implementing their projects.
- CWSSP supports improvements in water supply and sanitation for approximately 650,000 rural people in 2,500 villages and 17 small towns in Badulla, Matara, Ratnapura and Monaragala Districts.
- Some 1600 schools in these districts will be eligible for support to improve personal hygiene through school water supply and sanitation, and hygiene education.
- CWSSP works with over 80 partner organizations (NGOs, co-operatives, government and quasi-government bodies) to support, motivate, organize and train communities to implement and manage their own water supply and sanitation schemes.

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COMMUNITY WATER SUPPLY & SANITATION PROJECT

QUARTERLY PROGRESS REPORT NO. 2/1995

(April 01 to June 30, 1995)

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EXECUTIVE SUMMARY

The IDA/World Bank Supervision Mission which visited the CWSSP during the period under review was very pleased with the continued dedication and team spirit of the staff of the CWSPU and its close collaboration with the TSC staff. The Mission observed that the CWSSP is now facing the challenge of ensuring operationalization of community management of the systems for their long term sustainability. The Mission highlighted a number of issues and recommendations.

Policy, Programme and Procedures Development

Following the recommendations of the IDA/WB Supervision Mission, the Standard Procedures and Practices in respect of Sanitation, School and Small Town Sub-Programmes were revised and commenced operationalization. As a result, the Sanitation Sub-Programme and School WSS Sub-Programme which have previously developed somewhat into separate sub-programmes were reintegrated into the Village WSS Programme.

Whereas Operation and Maintenance is part and parcel of any CWSSP project, it was necessary to formulate a practical strategy for O&M which charts more concretely the O&M needs in the consolidation phase. In the same strategy a component for private sector involvement is included aimed at strengthening local entrepreneurs for water supply and sanitation.

Through the Research & Documentation Committee, preparatory arrangements were made to commission a number of Studies by way of preparing the respective Terms of References. These TORs were reviewed by the IDA/WB Supervision Mission and their comments were incorporated.

The Study in Rain Water harvesting which was started in January 1995 was completed during the period under review. As an outcome of the Study, the CWSSP recognized the potential capacity that rainwater collection could offer as an option when any of the other water sources use not available in a particular location. To provide an impetus to this, three Pilot Projects were launched in the three Project Districts to design and construct rainwater catchment and storage systems.

Two manuals were published that collate the Mobilization and Construction Training Modules that have been in use in the Project during the last two years.

Programme Implementation

The inclusion of 58 new GN Division in the Village WSS Programme during the period under review, increased the total number of GN Division under it to 327. The completion of construction activities in 11 project sites increased the total number of projects so far completed to 32 by the end of Second Quarter 1995.

The CWSPU has been encouraging capable POs to participate in the Large Scale Consolidated Implementation Programme (LSCIP). To enable the LSCIP to progress, it was necessary to ensure timely supply of survey equipments and construction materials. To expedite timely procurement of these, the CWSPU therefore was forced to engaged in processing a number of tenders. This proved to be very time consuming and --even though-- this is likely to be substantially more expensive, it will be attempted to decentralize the purchasing of such materials.

Programme Support

The National Steering Committee and the District Co-ordinating Committees had their meetings regularly during the period under review.

Capacity building in a more general sense, especially at the PO-level, remains essential and requires continuous attention if the Project wants to reach its objectives. This requires continuing efforts in recruitment and training. The recruitment procedures in particular has taken a lot of time at CWSPU Head Office and District Level.

At different levels institutional development efforts have been going-on to ensure that the CWSSP can execute its field activities in a timely and efficient fashion. Co-ordinating/ Facilitating Committees established during the first Quarter were further strengthened during the Second Quarter 1995.

On observing the success achieved in operating Zonal Offices in Ratnapura District, the establishment of Zonal Offices was generalized with the approval of the NSC and the concept was extended during the period under review to the other two Project Districts.

Transport has been a bottle-neck in the CWSSP. To reduce its effect a two-pronged strategy was chosen, on the one hand the establishment of Zonal Offices mentioned above, while simultaneously a tender was opened for 80 motorbikes for use by District Offices, Zonal Offices and POs.

The total expenditure of the CWSSP during the first half of 1995 amounted to Rs.60.3 million of which IDA funding was 86%. Compared with the total annual allocation of Rs. 240 million for 1995, the above expenditure accounts for a low fraction of one-fourth.

INTRODUCTION

The Community Water Supply and Sanitation Project (CWSSP), which commenced its implementation on February 25, 1993, has now been in operation for more than two years.

This Quarterly Progress Report - No. 2/1995 covers the period from April 01 to June 30, 1995.

The IDA/World Bank Fifth Supervision Mission comprising of Mr. K.M. Minnatullah (Team Leader), Ms. Julie Vilorio and Mr. Graeme Lee visited the CWSSP during the period June 12-28, 1995. The Mission was joined by Mr. Sumith Pilapitya from the Resident Mission in Colombo. In addition to visiting the CWSPU Head Office in Colombo, the Mission visited two of the project districts namely, Badulla and Matara.

The Mission was very pleased with the continued dedication and team spirit of the staff of CWSPU and its close collaboration with the TSC staff, which was facilitated the successful commencement of the expansion phase of the programme with over 100 schemes expected to be in operation by the end of 1995, the Mission observed that the CWSSP is now facing the challenge of ensuring operationalization of community management of the systems for their long term sustainability.

The Mission highlighted the following issues and recommendations.

- * Selection of consultants for Public Awareness Programme.
- * Revised Action Plan for School WSS Sub-Programme to be integrated with village WSS sub-programme.
- * Revised Action Plan for Sanitation Sub-Programme to be integrated with village WSS Sub Programme.
- * Hygiene & Sanitation Education (HSE):
 - Incorporation of other hygiene related KAP points in the Participatory Survey Form and VSA
 - Use of professional health staff.
 - Develop specific hygiene-related process and impact monitoring indicators and systematic monitoring activities with the user groups.
 - Develop selected supplementary materials to help PO staff.
 - Prepare draft TOR for HSE Study.
- * Pilot O & M Action Plan for each District with staffing, training, equipments and material requirements.
- * Pilot project proposals for Small Town WSS Sub-Programmes.

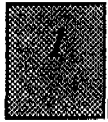
- * Proposal for continuation of mobilization and pre-feasibility for the remaining small towns.
- * Finalize TORs and Action Plan for Special Studies.
- * Track/Oversee the Progress of all training activities.
- * Report on the status of management / staffing arrangements of the CWSPU
- * Status report on CWSPU M & E and MIS
- * Conduct a Survey and Workshop for manufacturers, retailers and suppliers of pipes and materials.
- * Preparation of Quarterly Financial Reports.
- * Submission of 1994 Audit Report.

The key achievements accomplished by the CWSPU during the period under review are,

- * Increase of the number of Village WSS Projects under implementation from 269 to 327.
- * Completion of construction work in 9 additional GN Divisions, bring the total number of GN Divisions where water supply has been provided to 32.
- * "Review of CWSPU Standard Designs for Water Supply Schemes"
- * Completion of the "Action Research Study on Rainwater Harvesting"
- * Recruitment of 10 trainee Engineers for the Resource Pool.

On account of the activities carried out and the achievements made, it can be concluded that a satisfactory progress has been made during the Second Quarter of 1995.

The chapters that follow outline the performance of the Project during the period under review.



Policy, Programme & Procedures Development

1.1 Standard Procedures and Practices

1.2 CBOs: Registration and Sustainability

*1.3 Management of Operation and
Maintenance of Rural Water Supply*

1.4 Research Promotion

1.5 Public Awareness Programme

*1.6 Training Manuals and Technical
Documentation*

1.1 Standard Procedures and Practices

1. Revision of Standard Procedures and Practices of Sanitation, School and Small Town Sub-Programmes

Standard Procedures and Practices that have been developed during the previous Quarter in respect of,

Sanitation Sub-Programme,
School WSS Sub-Programme, and
Small Town WSS Sub-Programme

were reviewed by the IDA/WB Supervision Mission that visited the CWSSP during the period under review. The mission highlighted a number of issues related to Sub-Programmes and made several recommendations.

Accordingly, the Standard Procedures and Practices of these Sub-Programmes were revised and these are presented under the respective Section, namely Section 2.2, 2.3 and 2.4, respectively.

2. Minimize Selection of Option to use Engine or Motor Pump Water Supply Schemes

In recent times it appears that there is a tendency to propose motorized pumping schemes in the CWSSP to resolve difficult water supply situation. According to the CWSSP guidelines it is clearly stated that motorized pumped schemes are not suitable for community based water supply as such will normally not be accepted for financing by CWSSP. The example of the recently completed Mirissa CWSSP is a case in point, as it proves very difficult for the CBO Mirissa to run the scheme in a financially viable fashion. Households can not be asked to pay more, neither can the CBO meet the electricity bill. The CBO is now proposing to sell water to fishermen against a surcharge to ensure that it can meet its expenses.

It should be reiterated that motorized schemes are not normally eligible for financing by CWSSP as these are financially and technically very hard to sustain.

It is further reiterated that CWSSP staff (TOs, CFs, etc) should be very careful in indicating a motorized pump scheme as a possible solution. It may lift the expectations of the population beyond what is realistic. Also, when no other options are available (no wells or spring based supplies), an early discussion of

pumped schemes would make it difficult to propose the option of rainwater collection to the community.

In areas of adequate rainfall, rainwater harvesting is however a far more sustainable option.

In the coming months other energy options for pumping will be studied and tested, such as solar or wind pumping. However, such energy sources are more suitable for shallow or tube well pumping, and not too much should be expected to relieve the problems of piped distribution schemes.

1.2 CBOs : Registration and Sustainability

1. Progress of CBO Registration

The registration of the CBOs with the CWSSP continued during the 2nd Quarter 1995. The progress made in the registration of CBOs is presented in Table 1.1.

Table 1.1
Registration of CBOs

Period	District			Total
	Badulla	Matara	Ratnapura	
Up to Dec 31, '94	35	50	31	116
1st Quarter '95	4	3	16	23
2nd Quarter '95	15	6	21	42
TOTAL	54	59	68	181

A rapid increase in the CBO registration during the 2nd Quarter 1995 has been due to effects of the Large Scale Implementation Programme which started at the end of 1994.

2. Consolidation of Project Achievements

Upon completion of the project, the CBO starts a new phase of consolidating the water supply project. Several activities may need to be undertaken and continued such as source protection measures through afforestation, a village level "water" day, some income generating activities etc.

CBOs should be encouraged to draft some events like activities aimed at emphasizing the value of the water supply and sanitation activity and the need to take care of it properly. Such events may include a pirith ceremony, a youth club water conservation activity, a mother's club hygiene education event, etc.

Rs. 5000 is allocated per project to start off such consolidation activities. Communities are required to draft a small proposal covering a period of at least one year indicating the type of activities they are planning to undertake. Upon approval of the proposal, the amount of Rs. 5000 will be given to the CBO as a grant. A one page report should be sent to the RD at three monthly intervals. Although this support fund has been approved by the NSC, it has not been put to operation yet.

The Regional Director will further keep a fund of Rs. 100,000 to be used at her/his discretion, for special activities at village level aimed at consolidation and proper functioning of the schemes.

1.3 Management of Operation and Maintenance of Rural Water supply

1. Operation and Maintenance Study

The report of the O&M Study commissioned during the fourth Quarter 1994 was received during April 1995. On the basis of a questionnaire covering 78 locations of all technologies and constructed by a variety of agencies, the report attempts to make an inventory of the technical support capacities available in the three project districts. However, the results are not very enlightening and further efforts will have to go into finding out the availability and interest of local craftsmen, contractors and hardware shops in the project area.

Only 46% of the facilities have some O & M activity, with just 17% having a caretaker actually resident in the area. The emphasis given by CWSSP on O&M is thus well warranted.

As per the terms of reference the consultant further elaborates the O & M fund. Unfortunately the emphasis is on the operational elements of the loan fund and no data are provided with respect to potential number of loan applicants by various

categories of their need for credit. Furthermore, the focus of the report appears more on contractors and entrepreneurs for new works than for O&M.

It is considered less likely that large funds are necessary for O&M in CWSSP. This could be covered by regular savings accounts systems also operated by rural banks. On the basis of a savings account, and with a guarantee from the CWSSP or the Ministry it should be possible for a rural bank to grant a CBO a certain amount of overdraft to cover unforeseen repairs, within its normal operational lending procedures. It is recommended that CWSSP pursues this support approach and contacts agencies like the HNB and Sanansa once more with this in mind.

As it is considered that it is not really within the mandate of CWSSP to start a credit programme for rural enterprise, it is proposed to keep the latter activity on hold until the mid-term review mission of the World Bank visits in October next.

2. O&M Action Plan

The following **Action Plan** was developed during the period under review in respect of Management of O&M.

2.1. Introduction

The government policy on Rural Water Supply puts the initiative for water supply facility development in the hands of the people. Promotion of people into collective decision making and action through strong community based organizations (CBOs) is considered to be the basic condition to ensure sustainable operation and maintenance of improved facilities. CWSSP encourages the community to own the CWSS development process and provides it, mainly through Partner Organizations, with the skills to actively manage the various stages of the process. A strong, capable, responsible and financially viable CBO should be the result. Thus it should be possible to meet the O&M challenge as formulated in a recent government policy draft:

Management of operation and maintenance of rural water schemes, including comprehensive financial management, is the sole responsibility of the rural community that owns the scheme.

The policies of GOSL on rural water supply and O&M imply a functioning community water supply management organization and a capable support structure at divisional and district level. The latter support structure should preferably be based on a variety of private enterprise or non-governmental agencies.

2.2 Present CWSSP CBO development and O&M inputs

Right from the inception of a project the consultative mobilization process links the proposed CWSS improvements desired by the community with aspects of future Operation and Maintenance. The technical CWSS options chosen and the level of service should be sustainable when considering the resources that the community can bring to bear. Appendix I gives an overview of the CBO development and O&M inputs provided through the CWSSP in the various stages of project development.

Progress reviews and internal analysis indicate that the following areas need further attention in the CWSSP support package:

- * source identification and protection
keywords: water rights, watershed management, water resources sharing
- * technical handouts suitable and attractive to caretakers and CBO members
includes: summary description and trouble shooting guide for the current technical applications, quality of training by PO

In the consolidation phase three further areas can be named, that need attention:

- * generating income and further development opportunities for the CBO
keywords: economic activities/clean water, capitalizing on CBO organizational strength, NGO/IRDP opportunities, (micro) credit
- * providing a support fabric based on private sector involvement.
keywords: two-tier O&M system, training private entrepreneurs, credit facilities, awareness raising and professional promotion
- * monitoring O&M
keywords: data collection for structured learning and adjustment, CBO initiated monitoring, source monitoring, data collection for scheme expansion and upgrading

Whereas all the 5 areas mentioned are presently being addressed, the present document deals specifically with the promotion of the private sector in the three districts in support of the O&M needs of the CBO and the caretaker. Strengthening the private sector involvement is to be seen as the culmination of an O&M capacity development process that has started in the Mobilization phase. Enhanced private sector capacity in WSS will also enable greater involvement in future upgrading and expansion of existing schemes.

At the moment only a few projects have been completed (Tables 1.2 and 1.3) and so learning from the effectiveness of existing O&M arrangements is only just starting.

Table 1.2

No. of Completed Projects by Type of Technology

Technology	District			Total
	Badulla	Matara	Ratnapura	
Gravity or Extension from NWSDB Piped Scheme	1	-	6	7
Motorized Pump Piped Scheme	-	2	-	2
Shallow Wells	4	5	-	9
Mixed Gravity and Shallow Wells	3	2	5	10
Total	8	9	11	28

Table 1.3

Frequency of Occurrence of Tube Well in Completed Projects

	District			Total
	Badulla	Matara	Ratnapura	
Projects with Tube Wells	6	3	-	9
No. of Tube Wells	33	-	-	33

Notes:

- (a). Gravity WS Schemes are becoming markedly more important in the Large Scale Implementation Programme, especially in Matara District.
- (b). There are presently no projects with tube wells only. Most projects are of mixed nature, with gravity supply and shallow wells.

2.3. Support for Private Sector Development in CWSS

The role of CWSSP will be to ensure an environment in which community initiated projects can come to full fruition. To that end CWSSP will see to it that a support fabric is put in place at district and, as far as feasible, at divisional level covering technical support and supply of construction materials and spare parts for rural water supply in all manner and facets required:

1. CWSSP will favour increasing private sector involvement in community water supply and sanitation by publicity and awareness raising and, specifically, by

- 1.1 creating additional training opportunities for caretakers in the consolidation phase;
(proposal being forwarded by Sarvodaya Rural Technical Services)
 - 1.2 facilitating skills development and certification for local and division-based artisans and craftsmen;
(proposal received from Badulla Technical College, contact with NAITA)
 - 1.3 promoting capacity building among small contractors and partner organizations;
(proposal received from Institute for Construction Training and Development/ICTAD)
 - 1.4 encouraging availability of the required materials and spares at local level through promotional materials and training of local hardware shops.
(in collaboration with major WSS material suppliers)
2. CWSSP will establish a credit facility through the rural banking sector or credit and thrift societies to support increased private sector participation. The parameters and procedures of this credit facility has been outlined in a study commissioned by CWSSP, however some further refinement on the basis of further field data is needed.
 3. CWSSP, through one of its dedicated water partner organizations, will try to ensure that adequate expertise and information is available at district level to advise communities in matters concerning O&M, and future expansion and upgrading. A draft proposal is available from Sarvodaya Rural Technical Services, developed in collaboration with IRC/The Netherlands.

2.4. Implementation Schedule

Schemes are gradually getting completed and the need for skills development and private sector support in O&M is increasing. So far, caretakers have been trained on the job, or - in the case of handpumps - have followed a brief training programme. It is too early to judge the effectiveness of this process, but it is considered necessary to broaden the outlook of the CBO and the caretaker to encompass the local private sector and so ensure that no relapse needs to takes place on CWSSP or other government support agencies for O&M.

The O&M programme has been under discussion for some time within CWSSP and several preliminary activities have already been undertaken. It is thus possible to

start this important component of the Programme almost immediately. For practical reasons it is proposed to start the O&M support component as of August 1995 with the development of promotional material and the first training courses.

The detailed implementation schedule is given in Appendix 1.

Overall Budget (excluding support inputs of CWSPU)

1.	Private sector involvement	Rs. 5,134,313
2.	Revolving Loan facility	Rs.23,250,000
3.	District level WSS Resource Centre Development	Rs. 2,248,000
	Overall budget required or US\$ 612,000	Rs.30,632,313

1.4 Research Promotion

1. Research and Documentation Committee (RDC)

The Research and Documentation Committee, which commenced its operations from January 1995, continued to function during 2nd Quarter 1995. The RDC met once during the period under review in May 1995. The following items have been attended during the period under review.

- a) Establishment of a Register of Researchers.
- b) making of copies of the "Announcement" among all the POs and registered CBOs inviting them to participate in the documentation of experiences/lessons learned/case studies.
- c) Establishment of District Level Research and Documentation Committee at Matara District Office. Arrangement have been made to establish similar committees at Badulla and Ratnapura Offices.
- d) Base on the recommendations of the IDS/WB Supervision Mission, revising of the TORs that have already been drafted for the proposed Research Studies. Status of the proposed Research Studies are as in Table 1.4.

Table 1.4
Research Studies Identified and their Status

Research Topic	Origin of Study	TOR	Planned Period of Study	Status
1. Achievement Assessment of CWSSP Projects	RDC Meeting of March '95	Ready	Aug./ Sept. '95	Technical proposals invited from registered Researchers before 28th July
2. Impact Assessment of CWSPU Training Programmes	- do -	Ready	- do -	- do -
3. Performance Assessment of POs	- do -	Ready	- do -	- do -
4. Study of Unduly Delayed Projects.	RDC Meeting of May '95	Ready	- do -	To be undertake as in-house study
5. Further Study of Water Right Issues	RDC Meeting of March '95	Draft Ready /Under improvement	- do -	- do -
6. Study on Improving School WSS in Sri Lanka	RDC Meeting of March '95	- do -	- do -	Planned to commence from August 1st.
7. Study on Institutional Development of CWSPU.	- do -	Draft Available.	Sept./ Oct. '95	Expatriate consultant to be commissioned from Mid August.
8. Research & Demonstration Project on Hydro-Ram Pumps	NSC Meeting of May '95	Draft Available.	To be determined	Study to be undertaken by the University of Moratuwa
9. Research & Demonstration Project on Forestry for Source Protection	RDC Meeting of March '95	Draft Available.	- do -	-
10. Study on Catchment and Watershed Management	- do -	To be developed	- do -	-
11. Study on Use of Non-Woven Fabric for Slow Sand Filters at Community Level	RDC Meeting of March '95	To be developed	To be determined	-
12. Study on Rope Pumps	RDC Meeting of July '95	- do -	- do -	Planned to commence from August 01, '95
Studies identified in the Staff Appraisal Report:-				
• Improvements to Planning & Evaluation Procedures		To be refined	- do -	-

Research Topic	Origin of Study	TOR	Planned Period of Study	Status
<ul style="list-style-type: none"> • Tech. Development: <ul style="list-style-type: none"> a. Ferro-cement Tanks b. Latrine Design 		No detailed study required as per on-going scheme construction works. Results already documented.		
		To be refined	- do -	-
<ul style="list-style-type: none"> • Hydrology & Management of Micro Catchment Areas 		Covered by Item 9 & 10 above		
<ul style="list-style-type: none"> • Pilot Catchment Protection Measures for selected schemes 		Covered by Item 9 above.		

2. Study on Rainwater Harvesting

This Study on Rainwater Harvesting, started in January 1995 by commissioning a short-term local Consultant, was completed during the period under review. Key elements of the Terms of Reference are :

- (i) Survey of the experience to date with rainwater harvesting in Sri Lanka and record any significant lessons of either technical or social significance.
- (ii) Design of a functional water storage system capable of holding 5,000 liters and costing not more than Rs. 5,400 (Excluding unskilled labour costs).
- (iii) Conduct a pilot project in the two villages in a manner such as will generate maximum community involvement and contribution.
- (iv) Review likely demand and physical potential for ground-level rainwater harvesting and, if appropriate, made recommendations for further development.
- (v) Provide a report to CWSPU which make appropriate recommendations for the incorporation of rainwater harvesting options in the CWSSP.
- (vi) Prepare summary training material so as to transfer necessary skills to CWSPU technical staff.

The main conclusions of the Study are as follows ;

- There is adequate social acceptance of rainwater harvesting as a source of water in areas, where there is not adequate or sustainable fresh-water source within reasonable distance. However a vast majority of the potential beneficiaries do not understand the full benefits of rainwater harvesting. It is recommended to conduct an awareness campaign under the CWSSP targeted to potential consumers.

- The study recommends the design and construction of the three pilot project already identified at Badulla, Ratnapura and Matara. By monitoring these projects after construction and evaluating the technical, economic and social aspects, experience can be gained which in turn can be used to train the TOs of Partner Organization in design and construction of rainwater harvesting systems.
- The study recommends continued construction of ferro-cement tanks and Cement Jars with suggested improvements to bring down the cost to fall within the CWSSP cost criteria. These can be done at Regional Level.
- From literature surveyed the study concludes that the rainwater collected off G.I. sheets, Clay Tile and Asbestos made catchment is suitable for drinking and other domestic purposes. However, the first flush of water after the dry season should be discarded. To avoid any environmental problems, tank should be made mosquito proof.

The Summary of findings and recommendations of the Study are presented in Appendix 2.

3. Studies Planned to be Undertaken

3.1 Study on Institutional Development of CWSPU

Following the recommendations of the recent IDA/WB Supervision Mission, Study on Institutional Development of CWSSP will undertaken during the third Quarter 1995, by commissioning a Short Term Expatriate Consultant.

The objectives of this Consultancy are;

- a. Review and describe existing management arrangements with respect to their appropriateness for achieving the objectives of CWSSP in an efficient and effective manner. In particular, review the following areas;
 - i. Forward Planning Procedures
 - ii. MIS arrangements
 - iii. M&E arrangements
 - iv. Staffing Arrangements
 - v. Internal Communications.
- b. Based on the above analysis, identify any distortions or bottlenecks in the management system and propose appropriate specific recommendations in relation to; (i) CBOs, (ii) Partner Organizations, (iii) Regional CWSSP Offices with respect to the following.
 - (a) Increasing the quality of, performances (as indicated by existing monitoring criteria).
 - (b) Reducing the average time of the project cycle (i.e. from the time of entering a village to the completion of construction activities).

- (c) Reducing overhead costs at both CWSSP and PO level.
- c. Make an initial assessment of the Institutional strength of CWSSP and its capacity to expand its programme activities to a national level.

3.2 Research & Demonstration Project on Development of Rope Pumps.

The rope pump has been introduced in Sri Lanka on a pilot small scale from the late seventies by Sarvodaya. Lack of Staff Support did not allow further development of this promising activity.

CWSPU proposed this research and demonstration project to scrutinize the rope pump and assess its potential for use as a rural technology that can provides clean water with less energy.

The TOR for this proposed study includes,

- On the basis of existing literature and previous Sri Lankan experience, design several prototypes of the rope pump, and test these in controlled conditions in a suitable laboratory (eg. SEC, NERD) as well as in the field.
- Through field testing refine the design by incorporating the observations of the users as well as potential local manufacturers.
- Develop a rope pump with a working depth of 10, 15 and 20 meter, including design drawings, specifications and a manual for local construction. (in Sinhala)
- Draft recommendations and - if so feasible - a proposal for the commercialization of the rope pump by local private entrepreneurs.
- Prepare promotional materials in Sinhala on the rope pump, as well as complete a research report on the study.

3.3. Study on Improving School WSS in Sri Lanka

To facilitate the implementation of the School WSS Sub-Programme which was launched during the first Quarter of 1995, it was felt disable to develop a baseline for the real state of affairs in a cross-section of the schools in Badulla, Matara and Ratnapura Districts. On the basis of such a baseline study, recommendations can be developed for reimprovement of O&M of WSS in schools and to enhance the effectiveness of the Hygiene Education component.

The TOR for this proposed study includes,

- Undertake a field study on the water supply and sanitary conditions in schools in CWSSP programme areas, considering the technical, social, hygiene, managerial and O&M aspects. The

filed study will be undertaken using a semi-structured questionnaire, as well as observation of the existing facilities. Relevant field staff will be trained to do the field investigations. In consultation with Director CWSPU a selection of schools will be included in the survey.

- Organize a national expert seminar (scheduled for September 2, 1995 in Colombo) to discuss and address the issues raised during the study. The seminar will specifically develop a checklist on issues to be considered during the planning, execution and consolidation of a school water supply and sanitation programme.
- Prepare a report analyzing the state of affairs with respects to School Water supply and Sanitation, and develop recommendations covering all the relevant aspects to improve School Water Supply and Sanitation conditions and School Hygiene Education.

1.5 Public Awareness Programme

1. Information and Communication

The approach of CWSSP implies awareness raising, information and training at all levels, in a continuous fashion, and addressing all target groups. In very concrete terms, CWSSP has a need to develop publicity material to achieve both short term and long term goals.

The CWSSP Information and Communication programme includes a variety of information products that each in their own way contribute to a better understanding of the CWSSP and its goals and effects.

To achieve this level of information and communication, CWSSP has made contact with World View International to develop a public awareness programme. The objective of the public awareness component is

to create a broad appreciation of the roles and responsibilities of all actors in the implementation of community, school and small town water supply and sanitation projects, provide specific information to individual target groups and disseminate the lessons learnt in the CWSS.

The following terms of reference have been formulated

1. assist CWSSP in formulating an information and communication strategy covering all aspects of the Programme and covering all target groups and stakeholders;

2. within the context of the strategy, develop a workplan for the production and dissemination of information materials such as leaflets, brochures, calendars, almanacs, newsletter, news paper articles, radio programmes, television programmes, audiovisual productions, games, endorsements, etc. covering the key issues in CWSSP as related to community management, source protection, primary environmental care, hygiene education, cost recovery, operation and maintenance and aimed at target audiences within rural communities, the governmental and non-governmental sector, political circles, and schools. For each of the specific products proposed, the purpose, target group and expected result/effect should be spelled out.

The discussions with World View International were on-going at the end of June 1995, but could not be concluded satisfactorily as CWSSP was not sufficiently convinced of the capacity of World View International to conceptualize the required strategy and then put it into concrete products. In addition, it became clear that there would be audit objections if the CWSSP would continue with only one potential candidate for the information and communication programme.

It has been decided to have a further, more detailed study on the requirements before CWSSP will embark on a full scale programme. It is expected that this study will be undertaken in August.

1.6 Training Manuals and Technical Documentation

Two manuals have been produced in the past quarter that collate the mobilization and construction training modules that have been used in the project in the last two years. The two documents have been published (in English) under the following two titles:

Training Modules Series 1
Training for Community Mobilization

Training Modules Series 2
Technical Training for Construction of Community Based Rural Water Supply Systems

The project management and planning modules are being finalized and will be subject to a consultation with district and PO managers in August.

The Sinhala Language version of the first two training manuals has been prepared and presently requires some further editing. These documents will be printed in the third Quarter 1995.

Part of the project management and planning modules has also been translated. Final translation can only be done after the completion of these modules in English.

Standard drawings for the School Water Supply and Sanitation Programme have been completed. These are now being redrawn on A3 size to facilitate photocopying in the field. A similar effort is to be undertaken for the standard designs for the regular community water supply programme. It is expected that all drawings will be available at field level after correction by the end of the third Quarter.



Programme Implementation

2.1 Village Water Supply Sub-Programme

2.2 Village Sanitation Sub-Programme

2.3 School Water Supply and Sanitation Sub-Programme

2.4 Small Town WSS Sub-Programme

2.5 Hygiene Education

2.1 Village Water Supply Sub-Programme

1. Overall Status

Major achievements under the Village Water Supply Sub-Programme during the period under review are;

- (i) Inclusion of 58 new projects under the sub-programme
- (ii) Signing of 14 new Construction Agreement
- (iii) Completion of construction activities in 11 project sites, thereby increasing the total number of projects so far completed to 32.

The growth in the number of projects under the Village Water Supply Sub-Programme is presented in Table 2.1. Status of the Sub-Programme by phase of implementation and District is presented in Table 2.2, while the status of individual projects is presented in Appendix 3. List of Partner Organizations participating in the VWSSP is in Appendix 4.

Table 2.1
Growth of Village Water Supply Sub-Programme:
No. of Projects at end of 1st and 2nd Quarters,
1995 by Phase of Implementation

Phase	Dec 31, 1994	March, 31, 1995	June 30, 1995	Target Dec. 31, '95
Project Development	127	156	189	170
Construction	74	92	106	170
Consolidation	17	21	32	100
TOTAL	218	269	327	440

Table 2.2

**Status of Village Water Supply Sub-Programme
by phase of Implementation and District**

No. of Projects :

Phase	Badulla		Matara		Ratnapura		Total	
	March 31, '95	June 30, '95	March 31, '95	June 30, '95	March 31, '95	June 30, '95	March 31, '95	June 30, '95
Project Development	61	43	33	51	62	70	156	189
Construction	29	37	36	37	27	35	92	106
Consolidation	1	11	9	9	11	12	21	32
TOTAL	91	91	78	97	100	117	269	327

2.2 Village Sanitation Sub-Programme

The Workshops/Training Programs/Meeting listed in Table 2.3 were held during the period under review in order to get the village sanitation program off the ground.

The revised implementation flow chart and activity - responsibility matrix are in Figure 2.1 and Table 2.4 respectively.

Progress of implementation of the Village Sanitation Programme is presented in Table 2.5.

Table 2.3:
Workshops/Training Programmes/Meeting held for Sanitation
Sub-Programme

District	Date	Participants	Purpose
Ratnapura	20/05/95	Key officials of the Dept. of Health, Divisional Secretaries	Introduction of village sanitation program
	01/06/95	CFs/PO Managers, Office bearers of CBOs	Joint evaluation and revision of village sanitation proposals
	03/06/95	-do-	-do-
	09/06/95	-do-	-do-
	13/06/95	-do-	Finalization of sanitation proposals at zonal level and workshop for orientation of CBOs
	14-15/06/95	-do-	-do-
	16-17/06/95	-do-	-do-
	19-20/06/95	-do-	-do-
	21/06/95	-do-	-do-
Badulla	26/05/95	CFs/PO Managers, Key Office bearers of CBOs	Joint evaluation & revision of sanitation proposals.
	27/05/95	Health Staff & Divisional Secretaries	Introduction of village sanitation program.
	6-7/07/95	CFs/PO Managers, Key Office bearers of CBOs	Financial & accounting training for CBOs.
Matara	30/05/95	CFs/PO Managers, Key Office bearers of CBOs	Joint evaluation & revision of sanitation proposals.
	02/06/95	Health Staff & Divisional Secretaries	Introduction of village sanitation program.
	13/07/95	CFs/PO Managers, Key Office bearers of CBOs	District level workshop to finalize CBO proposals.

FIGURE 2.1
Implementation flow Chart for
Village Sanitation Sub-Programme

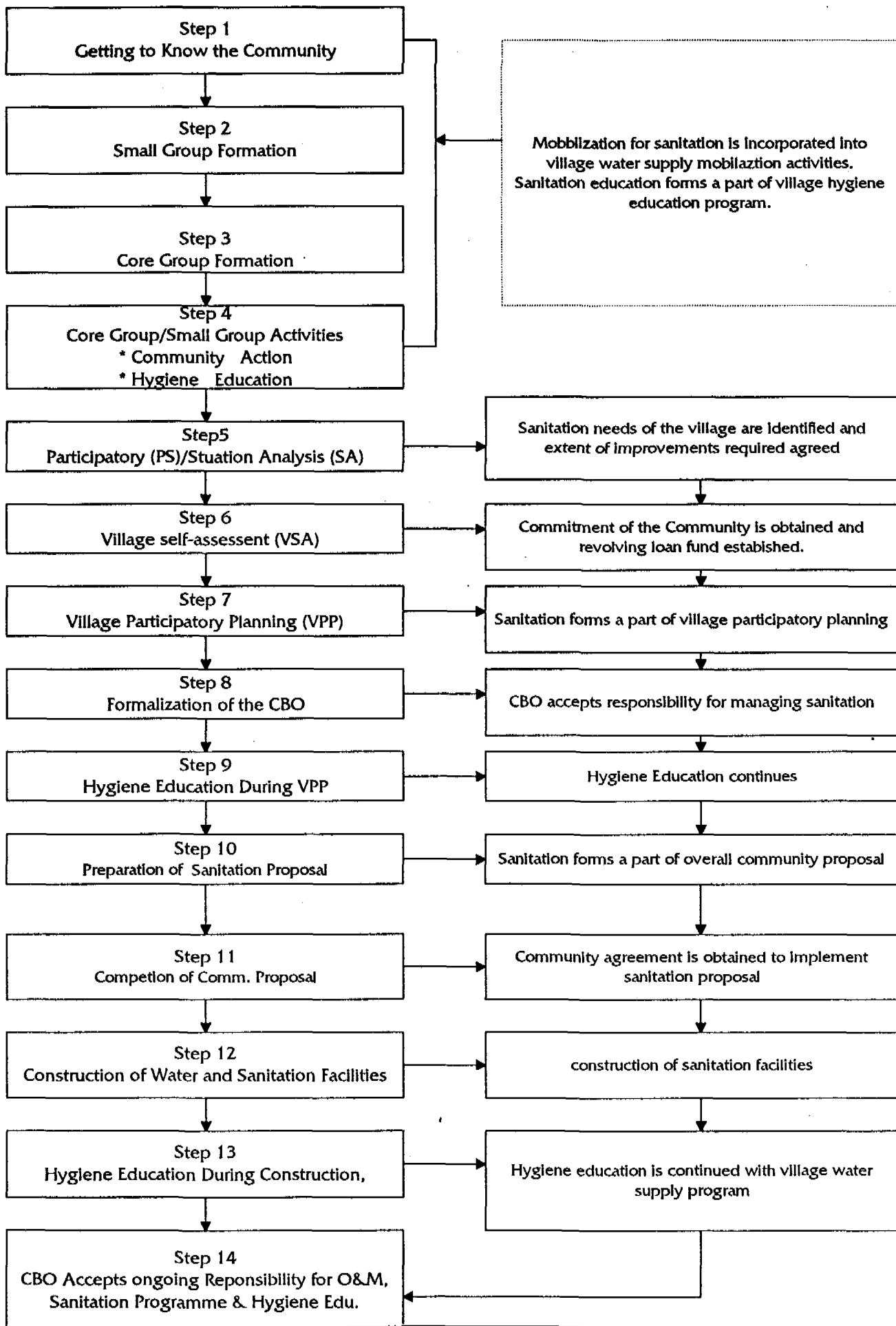


Table 2.4 :

Activity - Responsibility Matrix for
Village Sanitation Program

Steps	Activity	Main Responsibility	Supportive
Step 1	Create awareness among community based organizations (CBO).	RD DTO CRO CF/TO	DD(CD)/HEO STO DD(T) TS(TSC)/DDHS
Step 2	Invite CBOs to assess their sanitation needs and prepare proposals.	RD/CRO/CF	DD(CD)
Step 3	Review collectively and evaluate sanitation proposals submitted by CBOs.	RD DTO CRO CF	DD(CD)/HEO STO TS
Step 4	Inform CBOs of the results of evaluation of proposals.	RD	CF
Step 5	Request CBOs to open bank accounts and establish revolving funds.	RD/DTO/CRO/CF	DD(CD)
Step 6	Train CBOs in financial management & hygiene education.	DTO HEO Accountants	SA/CWSPU DD(ME)/STO DD(CD)
Step 7	Approve proposals and sign agreements with CBOs/POs.	RD Zonal Engineers Div. Facilitating Committee CRO	DD(ME) DD(CD)
Step 8	Release funds to CBOs (and freeze bank accounts opened for the purpose).	RD Senior Account	D/CWSPU
Step 9	Effect latrine construction and hygiene education implementation plan.	CBO/RD/CRO/DTO	DD(CD)/HEO DD(T)
Step 10	Authorize withdrawal of funds from the CBO bank account as per certificates of progress/evaluation.	Div. Secretary Zonal Engineer	RD DD(CD)
Step 11	Monitor latrine construction and hygiene education activities and report on monthly basis to divisional facilitating committees and CWSPU.	CBO Zonal Engineer G.N	RD/DD(CD) DD(T) PO/TO/CRO PHI/FHW
Step 12	Complete construction of latrines.	CBO Zonal Engineer/GN	Divisional Secy. RD PO/HEO/DD(CD)/D D(T)
Step 13	Prepare a plans for continuation of Hygiene Education	CBO CRO PO	HEO/STO DD(CD) TS(TSC)
Step 14	Prepare a plan to utilize (25% of recovery from individual beneficiaries) revolving fund for other village development activities.	CBO/PO RD DTO CRO	DD(CD) CD(SP) TSC STO DD(ME)

Table 2.5
Progress of Village Sanitation Programme

	District			Total
	Badulla	Matara	Ratnapura	
No. of latrines constructed up to Dec 31.01.94	15	-	45	60
No. of CBOs issued with Rs. 25,000/- of initial grant during Jan/June. '95.	21	24	16	61
Total No. of CBOs to be covered by Dec. 31, '95	75	100	115	290

2.3 School Water Supply and Sanitation Sub-Programme

The activities completed during the period under review are listed in Table 2.6

The revised implementation flow chart and activity- responsibility matrix are in Figure 2.2 and Table 2.7 respectively.

Progress of implementation of the School WSS Sub-programme is presented in Table 2.8

Table 2.6

Workshops/Training Programmes/Meetings held for SWSSP

District	Date	Participants	Purpose
Ratnapura	5-6/05/1995	Technical Officers of the Resource Pool	Orientation of technical officers to prepare technical plans in schools.
	18/05/95	School Principals SDS Members	Re-orientation of school program.
	20/05/95	Staff of Dept. of Education & Divisional Secretaries.	Introduction of school water & Sanitation program.
	26/06/95	Technical Officers/CWSPU Staff	Orientation & refresher seminar.
Badulla	26/05/95	School Principals SDS Members	Re-orientation of Water & Sanitation Program
	27/05/95	Staff of Dept. of Education & Divisional Secretaries	Introduction of School Water & Sanitation Program
	8-9/06/95	Technical Officers of the Resource Pool.	Orientation for preparation of technical plans for schools.
Matara	11/05/95	School Principals SDS Members	Re-orientation of School Program
	30/05/95	Staff of Dept. of Education & Divisional Secretaries.	Introduction of School Water & Sanitation Program
	6-7/06/95	Technical Officers of the Resources Pool.	Preparation of Technical plans for school Water & Sanitation Program.
	31/06/95	-do-	-do-
	01/07/95	-do-	-do-

FIGURE 2.2
Implementation flow Chart for
School Water Supply & Sanitation Sub-Programme

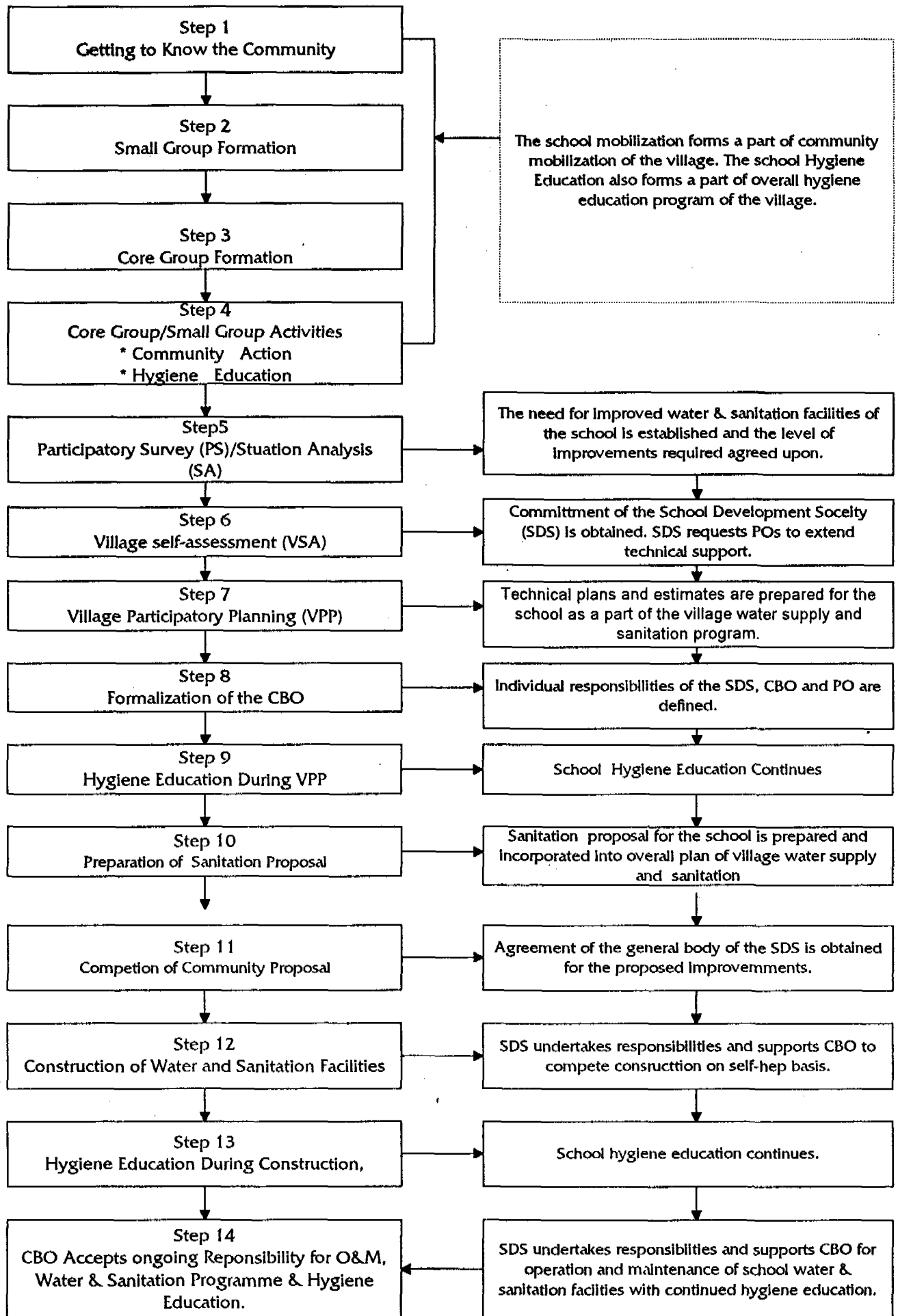


Table : 2.7			
Activity-Responsibility Matrix for School Water Supply and Sanitation Program			
Steps	Activity	Main Responsibility	Supportive
Step 1	Create awareness among school principals Hygiene Education Teachers and key office bearers of School Development Societies. (SDS)	RD/DTO CRO Zonal Engineer School Coordinator	DD(CD) TS(TSC) STO
Step 2	Invite self assessment reports from SDS and evaluate and rank them according to the selection criteria	RD/DTO CRO Engineer Coordinator	M(TSC) DD(CD) TS(TSC)
Step 3	Inform relevant SDS of the results of evaluation of self-assessment reports & ranking	RD Coordinator	-
Step 4	Make available information on technical support to SDS to prepare project proposals. (Both technical and Hygiene Education aspects).	RD CRO Zonal Engineer	M(TSC) DD(T) DD(CD) HEO STO TS(TSC)
Step 5	Prepare project proposals and get approval by the respective SDS.	SDS (Ex-Co) TO Hygiene education teacher	DD (Education) Coordinator MOH
Step 6	Review proposal, and send recommendations to divisional facilitating committee.	RD Zonal Engineer	Coordinator
Step 7	Approve proposal and sign agreement with SDS.	Div. Facilitating Committee RD	Coordinator
Step 8	Release funds to SDS (and freeze SDS bank account opened for the purpose).	RD SDS	Senior Acct. TS(TSC)/DD(CD)
Step 9	Form water/Sanitation committee at school level inclusive of members of SDS (parents) teachers, student leaders ect.	School Principal Coordinator	RD CRO
Step 10	Implement construction as per construction plan.	SDS/TO Coordinator	Zonal Engineer
Step 11	Authorize withdrawal of funds from the SDS bank account as per progress certified by technical officer.	DD/Education Zonal Engineer	RD Coordinator
Step 12	Monitor construction and Hygiene Education activities and report on monthly basis to divisional facilitating committee and CWSPU.	SDS Coordinator Zonal Engineer RD	DD(T) DD(CD)/HEO TS(TSC) DD(ME)
Step 13	Complete construction, establish operation and maintenance system. Commission water & sanitation facilities.	SDS TO Zonal Engineer	RD DD(T)
Step 14	Evaluate the program and forward completion report.	SDS/CRO Zonal Engineer	DD(T) DD(CD)

Table 2.8 :
Progress of SWSSP

	District			Total
	Badulla	Matara	Ratnapura	
No. of Self Assessment Forms issued by CWSPU.	90	175	279	544
No. of completed Self Assessment Forms received by CWSPU.	68	87	223	378
No. of Schools selected.	62	80	175	317
Target (Dec. 31, '95)	116	50	175	341

2.4 Small Town WSS Sub-Programme (STWSP)
Implementing Agency : National Water Supply and Drainage Board

1. IDA Supervision Mission Aide Memoire Recommendations

Subsequent to the Aide Memoire recommendations, the following actions / decisions have been taken.

- NWSDB will function as a Partner Organization (PO) of the CWSSP.
- Population of potential Small Towns to be in the range 3,000 to 6,000 (in 1995).
- Capital cost Ceiling :
For new projects - Rs. 10,000/- per household while for rehabilitation project - Rs.5,000/- per household.
- Community Contribution :
Contribution from CWSSP will be the lesser of 80% of the Total Project Cost or the contribution per premises based on Rs. 10,000/- ceiling.
- Revision of the STWSP Action Plan has been completed for submission to IDA for review.

2. Progress during the Period under Review.

- Short-listing of 17 small towns from the three Project District.
 - Commencement of pre-feasibilities studies in two small towns in each District. The following six small towns have been selected 04 on Pilot Basis.

*	Badulla District	-	Passara and Koslanda
*	Matara District	-	Kirinda/Puhulwella and Denipitiya
*	Ratnapura District	-	Kuruwita and Kalawana (Manana)
 - Activity-wise progress of the Pilot Projects in presented in Table 2.9
3. IDA/WB Supervision Mission visited Kuruwita Small Town and had discussions with personnel involved including Pradeshiya Sabha Officials and potential consumers.
 4. NWSDB received an advance payment of Rs. 5.0 Million from the CWSSP.

2.5 Hygiene Education

1. Hygiene Education Assessment Indicators

Hygiene behavior Monitoring Form that was field tested and finalized during the 1st Quarter, 1995 was incorporated into the Standard Reporting Format Series.

2. Hygiene Education Promotional Material

(a) Story Book

Ten thousand copies of the five - colour illustrated Story Book (in Sinhala) titled "IF THERE IS A WILL THERE IS A WAY" that motivate the reader towards latrine construction have been printed. The book will be distributed among households expected to participate in the Sanitation Programme.

(b) Brochure

Twenty thousand copies of a colour brochure, to further strengthen (from a hygiene context) the decisions people have taken to build latrines are planned to be printed.

(c) Stickers

A set of colour stickers illustrating the five key Hygiene Behaviours has been developed during the period under review. Steps will be taken to print them.

Table 2.9
Progress of Pilot Projects - STWSP

Activity	Kuruwita	Passara	Demipitiya	Kirinda/Puhuwella	Kalawana (Manana)	Haliela
1. Finalization of Pre-feasibility Report	Complete	Complete	Complete	-	-	-
2. Investigation of Options	- do -	- do -	- do -	-	-	-
3. Holding of a Project Evaluation Committee Meeting at the Site.	- do -	- do -	- do -	-	-	-
4. Holding of detail discussions with Pradeshiya Sabha (PS)	- do -	- do -	- do -	-	-	-
5. Appointment of Support Organization (SO) from CWSSP List	- do -	In Progress	-	-	-	-
6. Training of SO Personnel	- do -	-	-	-	-	-
7. Community Mobilization	In Progress	In progress with PS	-	-	-	-
8. Discussions on Options and Small Group Meetings	- do -	- do -	-	-	-	-
9. Commencement of Design Work and survey and levelling work	- do -	- do -	-	-	-	-

3. Training in Hygiene Education

Conducting of Training Programme for PO staff in Hygiene Education continued during the period under review at District Level as outlined in Table 2.10

Table 2.10
Training in Hygiene Education

District	Training Module	Duration (Days)	Dates	Participants	
				Category	No.
Matar	P4	1/2	April 26, '95	CFs, TOs, PMs, & POMs	40
Ratnapura	M2	1 1/2	May 5-6, '95	CFs, PMs & POMs	35
Monagalga (Madula)	M2	1 1/2	May 11-12, '95	CFs and PMs	20



Performance of District Offices

<i>3.1 Badulla</i>
<i>3.2 Matara</i>
<i>3.3 Ratnapura</i>
<i>3.4 Madulla Pilot Project/Monaragala</i>

3.1 Badulla

Badulla District Office Reoport has not been received at the preparation of this Document.

3.2 Matara

1. Introduction

During the period under review, it was possible for the Matara District Office to active performances in a number of areas. The coverage under the Village WSS Programme was further increased by inclusion of 18 new GN Divisions by commissioning five Partner Organizations already working in this Programme. Construction works in five GN Divisions were commenced. In six GN Division, construction works were completed. Completion of construction works in 14 GN Divisions, however, delayed due to the failure of NWS&DB to complete the tube wells in those areas.

In an attempt to decentralize some of the functions of the District Office, four zonal areas were identified with the aim of establishing Zonal Offices in them. During the period under review, it was possible to establish the Divisional Level Coordinating/Facilitating Committees. District Level Research & Documentation Committee was also formed.

2. Village Water Supply Sub-Programme

Overall progress of 97 GN Divisions under the Village WS Sub-Programme is as in Table 2.2 The status of progress of the individuals projects under this sub-programme is as presented in Appendix 3.

SSIP 1 (10 Projects commenced in June 1993)

Except Dosarkanda which has been abandoned, all the other projects are in Consolidation Phase. Monthly community meetings are being held by the respective CBOs in these GN Divisions and the District Office staff attended them regularly. It has been identified by the District Office that more attention need to be paid in strengthening the sustainability of these CBOs.

SSIP 2 (18 Projects commenced in March 1994)

Construction works proceeded in 16 projects at somewhat slow progress. The county-wide shortage of cement that prevailed from May/June 1995 and the resultant excessive price increased adversely effected the progress of the construction works. POs reported non-availability of cement to purchase. District Office had discussions with the dealers in the District but without success.

The community proposal submitted by the PO for Thudella covers only 47 households and is to construct only 10 shallow wells.

The organizational capacity of some of the POs is very weak. They do not have adequate number of Technical Officers. This situation has negatively affected the progress of some projects. In certain GN Division, District Office has decided to sign Construction Agreements with the CBOs when the cement storage case.

LSIP 1 (20 Projects commenced in May 1994)

By the end of 2nd Quarter 1995, Construction Agreements have been signed in 19 projects and construction on-going. In some projects there was a delay in construction of tube wells which has been contracted-out to the NWS&DB.

CP 1 (24 Projects commenced in January 1995)

Community proposals of these 24 projects were scheduled to be submitted by end of 2nd Quarter 1995. However this did not materialized, due to management weaknesses of the POs. The POs have not demonstrated their commitment to perform to fulfill the conditions of the Staff Agreement. This has adversely affected the progress.

CP 2 (18 Projects commenced in April/May 1995)

In April 1995, Agreements were signed with five POs already working in the Programme to commence work 18 new GN Divisions.

The works in these GN Divisions are progressing satisfactorily.

3. Village Sanitation Sub-Programme.

Community based organization have started sending their proposals according to new procedures. District office supported them in how to complete proposals giving details and other support required. Progress is given in Table 2.5

4. School Water Supply and Sanitation Sub-Programme

School Hygiene Education Programmes started during this period. After assigning proposals submitted by the heads of the schools. Funds released to start proposed activities. Details given in the Table 2.8.

It had been a problem recruiting technical staff to support school water supply and sanitation sub programme. Well experienced technical personnel did not like the terms introduced by the project. Therefore had to turn to the available Resource Pool (they are not working with government through) However after long discussion few TO have selected and assigned to start work.

Technical staff of the PO do not show interest in fulfilling their responsibility in supporting school programme due to misunderstanding of the payment schedules. Therefore slow progress in this sub-programme.

5. Seminars and Training Workshops

A series of Participatory Planning workshops and technical training workshops were conducted. Continuing modules started in previous month. Details given in Appendix 5.

6. District/Divisional Co-ordination

During the 1st and 2nd Quarters of 1995, Matara District Co-ordinating Committee had its meetings on the following dates :

February	20th,
March	28th
May	09th
June	02nd

At each Divisional Secretariat Division (where at least five GN Divisions are under the Village WSS Sub-Programme), Divisional Level Coordinating/Facilitating Committees has now been established. These Committees provide opportunities to solve problems/issues that arise in the field such as obtaining permission from different agencies to use water resources, getting services from other agencies working in the same DS Division, water rights and level disputes. These committee are also given the responsibility of recommending suitable POs and identification of suitable GN Divisions for inclusion under the Programme.

7. Management and Administrative Performance

Towards decentralization of Project Supervision, Progress Review and Monitoring activities of the District Office, four Zonal Areas were demarcated covering two-to three divisional Secretariat divisions as indicated in Table 3.1.

Table 3.1.
Details of the Zonal Areas in
Matara District

Zone Area No.	D.S. Divisions Covered	Review Meeting Date
1	Kotapola, Pitabeddara	1st Monday of the Month
2	Pasgoda, Multiyana	2nd Monday of the Month
3	Akuressa, Kamburupitiya & Hakmana	3rd Monday of the month
4	All other Divisions	4th Monday of the month

Each Zonal Area is under the management of a Resource Pool Engineer (RPE).

Monthly Progress Review Meetings are held at Zonal Level as indicated in Table 5.1 and these Meetings are attended by PMs, CFs, TOs, Zonal Staff and district Office Staff.

In addition to these Zonal Level Meetings, District Level Progress Review is conducted on the last Friday of the month and attended by the PO Managers and Zonal and District Office Staff.

To provide an added dimension to the Research and Documentation Committee that has been functioning at the Head Office, District Level Research and Documentation Committee was formed during the 2nd Quarter 1995 at the District Office.

Head Office have supported the District Office by recruiting new technical staff for the positions of Resource Pool Engineers and Technical Officers. However, there was no improvement in auxiliary services.

To handle the increasing work increasing work load, the District Office urgently needs the services of an Administrative Assistant, Book Keeper, Clerk/Typist and Office Helper.

With the delivery of a new double-cab pickup, the vehicle pool increased from 2 to 3. It is anticipated that the delivery of motor cycles will materialize soon.

During the first quarter 1995, two members of the staff received training abroad. Mr. G. Gamage/District Engineer followed a 03 months Diploma Course on Technology for Development in Loughborough, U.K. and Mr. L.G. Perera/CRO followed a one month Training Course on Project Management in Bangkok, Thailand.

8. Issues and Problems

Village Identifications.

It has been realized that the identification process of new GN Divisions for inclusion under the village WSS Sub-Programme is not proceeding satisfactorily. Some POs show preference to work with small communities having less than 100 households. To overcome this attitude of the POs, the District Office took steps to advise and direct them to select GN Divisions often conducting a Need Assessment Survey. Accordingly, POs have to assure that the coverage is more than at least 150 households and need for water supply improvements is more than 65% of the HHs.

The District Office is in the process of receiving requests from small groups communities throughout the District for CWSSP support. The District Office has informed these interested groups to communicate with the others in their communities and to do a preliminary need survey and submit details to the office. These information are being used to select new project.

3.3 Ratnapura

1. Introduction

During the period under review, the District Office was implementing 117 Community Water Supply Projects with the support of 23 POs. Project Development Agreements were signed for 17 projects (17 GN Divisions) with 7 partner organization. The school water supply sanitation programme and village sanitation programme were also accelerated to achieve the target for the year 1995. Number of staff members was also increased to take up the growing activities in the district.

2. Project Implementation

2.1 Village Water Supply Sub Programme.

2.1.1 Pilot Projects

The implementation of projects in pilot basis commenced in December 1992. Five projects were completed and Sudugala water Supply scheme was under construction phase. Several village level meetings were held to motivate the community to commence the construction of wells in Sudugala after the interruption in construction work. It was also decided to complete the remaining work in Sudugala WSS with the direct support of the district office.

Andoluwa Pilot Project was under detail study in designing with the assistance of the Head Office Engineers.

2.1.2. SSIP I Projects

There are 11 project under SSIP I. The construction agreement for all projects were signed in the first quarter of 1994. Seven projects were under consolidation phase and remaining 4 projects were under construction phase at the end of second quarter 1995. It was decided to hand over the Julangete WSS to the Arthacharya Foundation as the Embilipitiya PS was not capable enough to complete the remaining construction work.

2.1.3 LSIP I Projects

The Large Scale Implementation Programme commenced in Ratnapura district with the signing of agreement with 3 partner organization in July '93 to implement 30 projects in 30 GN Divisions. 16 projects were under construction phase and remaining 14 projects were under different stage of progress in development phase.

2.1.4 SSIP II Projects

There are 24 projects supported by 12 POs with the assistance of district office. Besides 3 projects under construction, in the previous quarter, 11 construction agreements were signed in the second quarter of 1995. Remaining 10 projects were under different percentage of progress in project development phase.

Kuttigala and Padalangala divisions under Embilipitiya PS were decided to carry out re-mobilization covering entire GN Division by the Partner Organization.

2.1.5 SSCIP I and LSCIP I Projects

Project under the above category were commenced in Ratnapura District with the signing of agreement with 9 Partner Organizations in November 1994 to provide improved water and sanitation facilities in 28 GN Divisions. All 28 projects were under feasibility study stage during the end of the second quarter '95. The progress of the programme got delayed due to non-availability of sufficient no. of engineering survey equipments.

Type of Programme	No. of Project	No. of POs
(i) SSCIP I	08	05
(ii) LSCIP I	<u>20</u>	<u>04</u>
	28	09
	==	==

2.1.6 SSCIP II and LSCIP II Projects

The projects under this programme were commenced in the district with the signing of agreement with 7 partner organizations in May 1995 in order to improve the water and sanitation facilities in 17 GN Divisions. All 17 projects were under mobilization stage.

Type of Programme	No. of Project	No. of POs
(i) SSCIP II	12	06
(ii) LSCIP II	<u>05</u>	<u>01</u>
	17	07
	==	==

2.2. School Water Supply & Sanitation Sub-Programme

The CWSSP Ratnapura district office was actively involved and accelerated the School Water Supply & Sanitation Programme with the objective improving those facilities upto the satisfactory level. No. of orientation and training programmes were arranged, specially for school principals and part-time technical officers, during the period under review and detail is provided under the training section. After the technical training programmes, the part time TOs were involved in preparing of necessary

reports. A technical officer was given 4 schools for preparing of design reports and there were nearly 30 TOs involved in the field activities. Preparation of design reports were in progress at the end of second quarter 1995.

2.3. Village Sanitation Sub-Programme

Another vital aspect that the district office concentrated is the improvement of sanitation facilities to the rural population in Ratnapura. In order to get the actual information and correct proposals from the Community Based Organizations divisional level training programmes were held, specially for CBO members, CF and TO, with the assistance of Engineer in-charge of sanitation programmes, CRO and DTO. As a result, the district office was able to get 16 community proposals of requesting the improved sanitation facilities in their divisions during the period under review. It was decided to accept this proposals and distribute funds to the CBO in the beginning of third quarter to commence the activities early.

The district office is also expecting more number of proposals to receive in the third quarter.

The following CBOs (projects) has submitted the correct proposals and requested to commence the activities (see Table 3.2).

3. Training, Orientation Programmes and workshops

The provision of training on project development phase, technical, orientation programmes and workshops to the staff of partner organizations, school principals, CBO members and other departmental officers became essential to consolidate the activities of the Community Water Supply & Sanitation Project unit in Ratnapura District.

The following aspects were covered by the training and orientation programmes during the second quarter 1995.

- (i) Project Development
- (ii) Village Participatory Planning
- (iii) School Water Supply & Sanitation Programme and
- (iv) Rural Sanitation Programme

Details of training programmes are given in Appendix 5.

4. District Co-ordinating Committee Meetings

Ratnapura District DCC met only once on April 17th during the Second Quarter 1995. (see Table 3.3)

5. Progress Review Meetings

Progress Review Meetings were held monthly with the participation of Project Manager, PO Manager and District Staff. Progress, problems, issues and solutions were discussed during the progress review meetings. Table 3.4 provides the detail description of all the progress review meetings held in the second quarter '95.

6. Administration / Management Performances.

Three newly recruited Resource Pool Engineers joined the district office at the end of June 95 after having the special orientation programme at the head office, Colombo. New District Engineer was also appointed to the district office and he was supposed to take up the duties from the 1st July '95. 5 Engineers were allocated to 5 zones, each for one zone in order to facilitate and de-centralize the project activities in their respective zones.

List of staff in the Second Quarter '95.

i	Regional Director	-	1
ii.	Engineers	-	8
iii.	Accountant	-	1
iv.	DTO	-	1
v.	TOs	-	5
vi.	CROs	-	2
vii.	Book Keepers	-	1
viii.	District Administrator	-	1
ix.	Secretary/WP	-	1
x.	Drivers	-	2
xi.	Peons	-	2
	Total of staff		25

It was also decided to rent out the office spaces at each zone to establish the zonal offices.

Administration and Management of the district office during the second quarter was satisfactory.

Table 3.2

Village Sanitation Programme - Ratnapura district
Status of Second Quarter '95

Project Name	CBO Name	No. of new toilets proposed	No. of toilets propos. for repairs.	Total no. of H.H.	Total estimated cost	Community contribution	CWSSP contribution
1. Pathberiya East	Partberiya East Sanasa	122	22	285	665,000	399,000	399,000
2. Meehitiya	Meehitiya Sanasa	136	34	273	612,000	153,000	459,000
3. Ellawala	Ellawala Sanansa	182	53	421	1040,500	417,000	625,500
4. Pathberiya West	Pathberiya Parakaduwa Sanasa	186	16	428	1307,580	702,580	605,000
5. Passaramulla	Passaramulla	189	22	229	1000,000	400,000	600,000
6. Halpe	Halpe Praja Shakthi	101	17	133			328,500
7. Meegastenna (Durrekkanda)	Meegastennna sanasa	119	10	161	612,250	243,000	369,250
8. Medabedda	Medabedda	283	0	351	1415,000	566,000	849,000
9. Weijinathkumbura	Thennahena Suwasetha	114	14	194	605,000	242,000	363,000
10. Gonakumbura	Ekamuthu	133	13	212	716,000	298,400	417,600
11. Meddegama	Pragathi	132	24	136	720,000	288,000	432,000
12. Udagama	Janashaskthi	77	5	137	397,500	159,000	238,500
13. Meddegama	Pambagolla	218	16	242	1135,000	454,000	681,000
14. Udagama	Suhada	55	10	69	420,000	120,000	300,000
15. Kandangoda	Kandangoda	129	15	315	682,500	273,000	409,500
16. Dandeniya	Irahadaana	41	24	105	258,150	99,150	159,000

Table 3.3

**Details of DCC Meeting Held
Ratnapura District
Second Quarter 1995**

Sec. No.	Name of meeting	Date	Type of participants	Major outcomes, decisions reached
01.	DCC Meeting	95.04.17	DCC Members Project Managers Small Town Project Manager Commissioner of Provincial Council District Forest Officer commissioner of Agricultural Department	* Review of Progress of all projects * Small Town Project * School Programmes * Selection of New Projects * Sanitation programme * Approval of the new PO's * Introduction to Rain Water Harvesting

Table 3.4

**Details of Progress Review Meeting
Held in Ratnapura District
April 01 - June 30, 1995**

Sec. No.	Name of meeting	Date	Type of participants	Major outcomes, decisions reached
01.	Monthly Progress Review Meeting	95.06.08	Mr. U.K. Sumanadasa (DD/M&E) Head Office District Office Staff PO Staff - PM and POM (All Projects)	* Review of progress of all projects * Supply of office equipments to the POs * Supply of GI pipes and Specials * Purchasing of Motor cycles * Sanitation programmes * Selection of new Projects * Extension of agreements of LSIP projects

3.4 Madulla Pilot Project/Monaragala

1. **District Co-ordinating Committee** : The DCC has met on a regular monthly basis during the quarter Regular progress review meetings too were held.
2. **PO Staff** : In addition to the 3 Project Managers & 20 trainee CFs recruited during the last quarter, 8 Technical officers were interviewed and introduced to the three Partner Organizations and were subsequently recruited by the POs, in June.
3. **Training of PO Staff** : The Technical Officer of the Partner Organizations were provided with a three day orientation programme. This programme was based on training modules O & P1 (CWSSP trg. modules) slightly modified to suit the Madulla work situation. These technical officers were assigned to their projects to work with the Community Facilitators immediately after the training.

CFs were provided with the Module M2 training (CWSSP trg. module) on 'initial group activities and participatory survey'.

All CFs and the 8 TOs were provided with the 3 day training programme on VSA, Module M3 (CWSSP trg. module) towards the last part of the quarter.

4. **Recruitment of Project Staff** : An Engineer, Community Relations Officer and a Book keeper have already been recruited and employed on the Project during this quarter.
5. **Project Office/Field Office** : Arrangements have been made to establish a project office in Monaragala town. This will be in operation within the month of July '95.

Arrangements have also been made to establish and operate a field office in Madulla to co-ordinate field activities. This too will be operational within the month of July'95.

6. **Procurement of Vehicles and Technical Equipment** : One double cab 4WD pick up has been procured. One motor bike has been procured on rent for the use of field staff. Most of the technical equipment have already been procured. It is anticipated that this activity will be completed before mid August 95.
7. **Implementation of first round Project** : Development phase activities in all 16 projects and the 1st round project are in progress.
 - Community activities enhancing mobilization strengthening have been carried out by the communities on all the projects.
 - Joint mobilization assessment has been completed and the results analyzed. All 16 GN divisions qualify to proceed with Village Participatory Planning as the level of mobilization achieved so far in the communities is acceptable within expectations as per the assessment.



Programme Support

4.1 Institutional Development

4.2 Training

4.3 Monitoring and Evaluation

4.4 Miscellaneous

4.1 Institutional Development

1. National Steering Committee

The National Steering Committee (NSC) held its meeting on May 02 and June 13, 1995 during the period under review.

Mr. K.M. Minnatullah - Task Manager of the IDA/WB Supervision Mission which was visiting the CWSPU at the time and Mr. Sumith Pilapitiya, Representative of the World Bank Resident Mission in Sri Lanka participated at the NSC meeting held on June 13, 1995.

2. District Coordinating Committee.

The three District Co-ordinating Committee (DCCs) of Badulla, Matara and Ratnapura held their meetings regularly during the second Quarter 1995 as presented in Table 4.1.

Table 4.1.
Dates of the Meetings of DCCs

Month	Badulla	Matara	Ratnapura
April	28th	-	17th
May	18th	09th	-
June	22nd	02nd	-

3. Divisional Level Co-ordination/Facilitation Committees

Co-ordination/Facilitation Committees, firmly established during the first Quarter, were strengthened during the second Quarter 1995.

- * District level workshops were held in all three districts, attended by Divisional Secretaries, MOHs and Deputy Directors (Education) in order to discuss the organizational structure and also to draft the operational guidelines of Co-ordination/Facilitation Committees.
- * One day Training Workshop was held on June 02, '95 to train/orientation the conveners of coordination committees. The relevant CROs were also attended this Workshop.
- * Final draft of the operational guidelines has been prepare on the basis of findings of the three workshops; which will be presented to the National Level Workshop of Chief Secretaries and District Secretaries for the finalization and confirmation.

- * Date has already been fixed for the Matara District meeting with relevant Divisional Secretaries and conveners to discuss the operational issues and to find remedial actions.

4. Establishment of Zonal Offices

The experiment carried-out by establishing Zonal Offices by the Ratnapura District Office has been successful. This has eased the interaction between the PO's and the CWSPU with

- a) Effective technology transfer into the system
- b) Expediting the decision making process
- c) Increased outputs, improving the quality of work, decreasing the down time in travelling.

Furthermore, this Zonal Office concept will go in line with the proposed Divisional Coordination Mechanism. According to the new CWSPU Divisional management system, Zonal Offices will be established in accordance with Divisional Secretary's Division. A Project co-ordination team which is directly responsible to the Regional Director for smooth implementation of all components of the CWSSP will be appointed to each Zonal Office. This Project team will work in close collaboration with Divisional administrative structure of the area and provide administrative, technical and logistical support to the newly established Divisional Facilitating Committees of each D.S division.

The NSC approval was received on May 02, 1995 to generalize the establishment of Zonal Offices within all the implementation districts to cater minimum of 2-3 Divisional Secretary Division areas with the following arrangements.

- a) A Resource Pool Engineer will be made responsible for each zone, who would be made compulsory to reside within the zone.
- b) Additional staff of minimum 2 officers consisting a STO, and CRO will be assigned to report to the zonal office, as the case may be.
- c) A minimum office space of 1000 sq.ft will be available with limited residential facilities.

This will consists of sufficient furnished area for discussion, and collective work with POs.

- d) Minimum of two motor bikes, will be made available at the Zonal Office for the use of all officials.
- e) A sufficient sets of engineering tools and equipments be made available at each Zonal Office.

5. Matara District POs Meeting

The POs of CWSSP have taken their own initiatives to meet and discuss issues / problems of common interest for the betterment of CWSSP. According the POs operating Matara District held their first meeting from 9.00 a.m. to 4.00 p.m. on June 29, 1995 at YMBA Hall, Matara. The objectives of the meeting were;

- (i) Share experience among POs on the inter-relationship between CWSSP and POs.
- (ii) Discuss problems / issues faced by POs in the implementation of different phases of CWSSP and the procedures proposed to overcome them.
- (iii) Understand the role of the POs in ensuring sustainability of construction works undertaken by CWSSP.

The recommendations made on the basis of discussions held on the issues/problems surfaced during the meeting on presented in the Box 4.1.

6. Study on Institutional Development of CWSPU

As already stated in Sec 1.4 (Item 3) of Chapter 1, a Study on Institutional Development of CWSPU was planned to be undertaken during the third quarter 1995.

Box 4.1
Recommendations made at the First Meeting of the POs of
Matara District held on
June 29, 1995

1. Release of funds allocated for Community Action (during Project Development Phase) in one instalment. Any un-spent money released for Community Action is to be returned to the District Office.
2. At the time of submission of 5.2 Report, to discuss with the District Engineer about the anticipated time for preparation of 5.3 Report and accordingly to ask for any time extension required.
3. Supply of adequate number of planning equipments to POs.
4. Retaining of CFs on the following areas;
 - Community Development
 - Community sensitization
 - Leadership
 - CBO Strengthening
5. Issue of a Hand Book for CFs explaining their roles and functions.
6. Recruitment of PO staff and the competitive examination.
7. Establishment of a procedures for granting of promotion to CFs/TOs after evaluating their performance.
8. Issue of a certificate to deserving members of staff who have outstanding performance.
9. To rename the titles of CFs and TOs as "Community Development Assistant" and "Community Technical Assistant".

4.2 Training

During the period under review, the three districts together have offered 41 training courses catering to the needs of different target groups involved in CWSSP. These 41 training events have been attended by a totals no. of 2417 participants who represented several Government Organizations, Partner Organizations, Community Based Organizations and also principals and teachers of selected schools, in the three districts.

1. District Level Performance

Details of the Training Programmes conducted by the three District Offices are presented in Appendix 5.

Badulla

A total no of 12 training events conducted in Badulla District, are as follows.

- 01 O&M training programme for stand post caretakers.
- 01 Field exposure and orientation for new engineers recruited by CWSPU.
- 03 Technical training programme for TOs.
- 04 CWSSP module training for CFs and TOs.
- 01 Book Keeping training for POs.
- 01 Store Keeping training for POs.
- 01 CBO strengthening programme for CBO.

Matara

Matara district has conducted following 12 training events.

- 02 CWSSP module training for CF and TOs.
- 03 Village sanitation awareness programmes.
- 01 Technical consultation workshop with technical staff of CWSPU.
- 01 O&M training for tube well care takers.
- 02 School water supply and sanitation training programme.
- 01 District level coordination committee orientation workshop.
- 01 Technical training for TOs on school WSS.
- 01 School hygiene education proposal preparation workshop.

Ratnapura

A total no. of 17 training events conducted in Ratnapura District are as follows.

- 01 CWSSP orientation programme for new POs.
- 01 Technical training programme for TOs.
- 03 CWSSP module training programme for CFs and TOs.
- 01 School WSS training programmes for selected principals and school teachers.
- 01 Divisional level coordinating committee orientation programme.
- 10 Village sanitation orientation programmes for 10 CBOs.

2. CWSPU Head Office Level Performances

As usual the CWSPU Head Office played a facilitating and supporting role in conducting district level training and continued its further backing by releasing subject specialist to support field training programmes and also providing guidance and directions requested by districts.

Further, CWSPU Head Office also organized and conducted following workshops at central level during the period in question.

- i. A residential workshop with the participation of senior staff of CWSPU district and central levels, to review progress of project management, progress monitoring and reporting, in order to further refine the procedures. (see also Sec 4.3, Item 1 below).
- ii. A workshop with World Bank Mission to discuss, review and refine existing CWSSP O&M producer.
- iii. A workshop on setting up of divisional level coordinating committee in districts with the participation of district and central level CWSPU staff.
- iv. Field oriented 07 days induction training with a field programme in Ratnapura and Badulla Districts for 10 newly recruited Resource Pool Engineers in June 1995. The training/field programmes was quite demanding also in the physical sense. However, it was well appreciated and is expected to have groomed the engineers for the tough life in the Zonal Offices.

3. Release of "Training Module Series"

For the first time, arrangements were made to produce already finalized Training Modules as bound volumes. So far two volumes have been released as outlined in Table 4.2.

Table 4.2

Contents in each volume released under Training module series.

Volume No.	Contents (Modules)
1	<p>O - Orientation</p> <p>M 1 - Initial Mobilization</p> <p>M 2 - Interim Mobilization</p> <p>M 3 - Final Mobilization</p>
2	<p>C1 - Construction management</p> <p>C2 - Construction Technology "Gravity Water Supply Scheme"</p> <p>C3 - Sanitation and Hygiene Education in Construction Phase</p> <p>C4 - Operation & Maintenance.</p>

All these training modules at first, were produced in English and translation into Sinhala is now being finalized.

4.3 Monitoring and Evaluation

1. Workshop on Project Management, Progress Monitoring and Reporting

A report on the "Workshop on Project Management, Progress Monitoring and Reporting" held during April 06-08, 1995 at Subodhi Training Centre, Piliyandala has already been included in the Quarterly Progress Report - No. 1/1995.

Detail Proceedings of the Workshop was prepared in Sinhala and copies of it were made available to the District Offices and all the Partner Organizations (POs).

2. Review of Reporting Formats

The working committee on Review Reporting Formats appointed at the Workshop referred above attended to its task during the period under review.

At present, there are 20 Reporting Formats (see Box 4.2) used to report data of the Village WSS Programme from the field level. These were reviewed and where necessary revisions were made.

A Workshop, to be attended by the CWSPU Head Office Senior Staff, Consultants and Regional Directors, has been planned to be held during the third Quarter 1995 to reach concurrence and acceptance of these revised Reporting Formats and develop an Action Plan for operationlization of the same.

Box 4.2

**Village WS Sub-Programme:
List of Report Formats in Use**

Project Development Phase

1. PO Monthly Progress Report
2. Summary Results of Participatory Survey
3. Situation Analysis/Village Self Assessment Report
4. Request for Technical Assistance.
5. Joint Mobilization Assessment Report
6. Investigation of Options Report (5.1 Report)
7. Feasibility Study Report (5.2 Report)
8. Final Design Report (5.3 Report)
9. Community Water Supply Proposal Format
10. Community Sanitation Proposal Format
11. CBO Registration Form
12. Hygiene Behaviors Monitoring Form.
13. Joint Project Development Phase Assessment Form
14. PO Performance Evaluation Form
15. PO Staff Evaluation Form.

Construction Phase:

16. PO Monthly Progress Report
17. Record of Variation Report
18. Sanitation Programme CBO Monthly Progress Report
19. Project Completion Report

Consolidation Phase:

20. CBO Monthly Progress Report

4.4 Finance Performance

1. Expenditure

The total expenditure of the CWSSP during the first six months of 1995 amounted to Rs. 60.3 M of which the IDA funding was Rs. 51.9 M and Government of Sri Lanka counterpart funds amounted to Rs. 8.42 M (see Table 4.3)

Expenditure during the first half of 1995 is only one-fourth of the annual allocation of 1995 (see Table 4.4)

Table 4.3
Expenditure by Source of Funding
during 1993, 1994 and First Half of 1995

Source of Funding	1993		1994		1995 (First half of '95)	
	Expenditure (Rs. M)	%	Expenditure (Rs. M)	%	Expenditure (Rs. M)	%
IDA	62.7	85.1	74.8	81.0	51.9	86.1
GOSL	11.0	14.9	9.2	11.0	8.4	13.9
Total	73.7	100.0	84.0	100.0	60.3	100.0

Table 4.4
Annual Budget Allocation and Expenditure by Source of Funding
during first six months of 1995

Source of Funding	Annual Allocation for 1995 (Rs. M)	Expenditure during first half of 1995 (Rs. M)	Expenditure as a % of Allocation
IDA	220.0	51.9	23.6 %
GOSL	20.0	8.4	42.1 %
Total	240.0	60.3	25.1 %

Breakdown of expenditure reimbursable from IDA for the six months ended 30th June 1995 is as in Table 4.5

Table 4.5

Itemized Expenditure Reimbursable by IDA during first half of 1995

Expenditure Item	Amount Sent Rs. M	% of total expenditure
Training	1.63	3.16%
Consultancy	9.44	18.2%
Programme Development	8.44	16.24%
Construction (65% of the cost)	15.72	30.25%
Management	16.70	32.15%
Total	51.93	100.0

Out of the total Government Counterpart Fund expenditure of Rs.8.42 M, contribution on Construction (35% of the cost) amounts to RS. 8.39 M.

2. Disbursements

The disbursements since May 1992 up to 30th June 1995 according to categories of items to be financed out of the IDA funds and the budgeted allocation of the amounts of the credit is given below in Table 4.6

Table 4.6

Itemized Expenditure Reimbursable by IDA since May 1992 to 30th June 1995

Expenditure item	Total budgeted Allocation for the Project (Approx.)	Disbursements from May '92 to 30th June 1995	Disbursements up to 30 June '95 as a % of total allocation
1. Badulla District Civil work and goods	US\$ 4.41 M	\$ 0.18 M	4.1 %
2. Matara District Civil Works & Goods	US\$ 2.94 M	\$ 0.14 M	4.8 %
3. Ratnapura District Civil works and Goods	US\$ 4.41 M	\$ 0.19 M	4.3 %
4. Programme Unit operating cost	US\$ 1.54 M	\$ 1.46 M	94.8 %
5. Consultants Services & Training	US\$ 7.77 M	\$ 1.46 M	18.8 %
6. Others	US\$ 2.59 M	\$ 1.55 M	59.8 %
Total	US\$ 23.66 M	\$ 4.98 M	21.0 %

3. Audit Report

World Bank Supervision Mission by Aide Memoire dated 24 June 1995 has fixed the date for submission of Final Audit Report for 1994 to the World Bank as 15th September 1995.

However, Auditor General's Department has not submitted its Draft Audit Report to CWSSP as of this date 25th August 1995.

4. Procurement of Vehicles

For the provision of much needed additional transport facilities to the District Offices, tenders were called and evaluated for procurement of

- and, ● 04 Nos. of nine setter Microwagons,
- 75 Nos. of Motor cycles.

4.5. *Miscellaneous*

1. CWSPU Director's Visit to Kazakhstan

Mr. Thilak Hewawasam - Director / CWSSP, participated as the Community Development Specialist of the World Bank Supervisory Mission that visited the Kazakhstan Water Supply, Sanitation and Health Project during June 25 - July 10, 1995

2. Technical Support Cell Manager's Participation in AGUASAN Workshop.

Mr. Han Heijnen, Manager/TSC participated in the Aguasan Workshop on Urban Sanitation held in Switzerland during June 26-30, 1995.

3. CWSSP Get Coverage in "Process Innovation Update"

The CWSSP received coverage in the Issue #12 dated June 13, 1995 of the "Process Innovation Update", an internal World Bank Publication. The article is included in Appendix 6.

4. Participation in Seventh International Rainwater Catchment Systems Conference.

Seventh International Rainwater Catchment Systems Conference was held from the 21 - 25th June 1995 in Beijing, China. Delegates from 31 countries including Sri Lanka attended the Conference where selected papers out of over 200 papers submitted on Rainwater Harvesting were read. Topics covered in the papers included;

- Socio Economic Concerns
- Ecologies and Environmental Aspects
- National & Regional Experiences
- Domestic Sector
- Agricultural Sector
- Rainwater Utilization in Urban Areas
- Women Activities in Rainwater Use
- Rainwater Quality & Its Protection
- Techniques and Designing
- Methodology and Modeling

From the CWSSP, Mr. Lakshman Attanayake, DD/T and Mr. Deva Hapugoda, consultant Engineer who undertook the Rainwater Harvesting Study attended the conference. The CWSSP participants shared copies of the report on "Action Research Study on Rainwater Harvesting" with the delegates at the Conference. The experience and contacts made by the CWSSP participants are expected to benefit the Rainwater Harvesting Programme within the CWSSP, in particular and Sri Lanka, in general.

International Rainwater Catchment System Conferences are co-ordinated by the International Rainwater Catchment System Association (IRCSA). The next conference is scheduled to be held in Iran in 1997.

Mr. Attanayake and Mr. Hapugoda are scheduled to receive memberships of the IRCSA.



List of Appendices

1. *Management of O & M*

2. *Summary of Findings and Recommendations of the Action Research Study on Rainwater Harvesting.*

3. *Status of Projects Under Village WS Sub - Programme.*

4. *List of Partner Organization by Districts*

5. *Profile of Training Programmes / Workshops conducted in Badulla/Matarala / Ratnapura Districts*

6. *"Pilot Projects; Starting Small..." -Article Appeared on CWSSP in "Process Innovation Update"*

APPENDIX -1

Management of O&M :

1. *Interventions for CBO development to undertake O&M*
2. *Implementation schedule for O&M Action Plan*

Reference in Text: Section 1.3 (Pg. Nos. 11 & 14)

**CWSPU INTERVENTION FOR CBO DEVELOPMENT,
OPERATION AND MAINTENANCE**

Project Phase	Steps	Activity	CWSPU INPUTS	
			CBO Development	Operation & Maintenance
Project Development (Six Months)	I	Community Mobilization	<ul style="list-style-type: none"> ◦ Support for small group formation through community facilitators. ◦ Intervention with hygiene education. ◦ Support for community action for team building and development of community confidence ◦ Training for POs ensuring women participation. 	<ul style="list-style-type: none"> ◦ Consciousness raising on ownership. ◦ Highlighting importance of maintenance. ◦ Raising hygiene awareness focussing on O&M requirements.
	II	Village Self-Analysis	<ul style="list-style-type: none"> ◦ Support for core-group formation ◦ Facilitation if participatory survey and problem analysis. ◦ Facilitation of self-assessment. ◦ Establishment of need for community organization for improvement of situation and looking after improved facilities. ◦ Establishment of sanitation needs. and willingness for revolving fund. ◦ Create a sense of ownership/self reliance. 	<ul style="list-style-type: none"> ◦ Establishment of need for collective action for maintenance. ◦ Educating core-groups on need for financial contributions forwards O&M. ◦ Assessing community need and willingness to establish O&M fund. ◦ Orientation of TOs involved in village participatory planning.
	III	Participatory Planning	<ul style="list-style-type: none"> ◦ Facilitation of core-group into an established CBO. ◦ Facilitation of CBO registration procedure. ◦ Strengthening CBO on constitutional, legal financial aspects and promote team building (CBO Module I Training.) 	<ul style="list-style-type: none"> ◦ Emphasis on identification on maintainable water supply and schemes. ◦ Identification of potential caretakers. ◦ Confirmation of community contribution for maintenance (approximate per familiar contribution). ◦ Emphasis on hygiene aspects of water source identification. ◦ Emphasis on involvement of the caretakers continuously during construction.

Construction Phase (Six Months)	IV	Construction Management Training (C1 Module)	<ul style="list-style-type: none"> ◦ Enhanced sense of ownership/self reliance. ◦ Capacity building of CBO to manage construction activities. 	<ul style="list-style-type: none"> ◦ Selection and engagement of caretakers in construction activities as paid assistants to skilled artisans.
	V	Construction and Hands on Training (C2 Module)	<ul style="list-style-type: none"> ◦ Training on construction techniques, quality control (CBO Module II Training). 	<ul style="list-style-type: none"> ◦ On the job training of caretakers (hands on training involving the caretakers in water scheme construction).
	VI	O&M Training (C4 Module)	<ul style="list-style-type: none"> ◦ Training the CBO in developing the necessary knowledge on skills & resources required to carryout an effective O&M program for their WS scheme. 	<ul style="list-style-type: none"> ◦ Training of CBO executive committee on operation and maintenance. (CBO Module III Training)
	VII	Building O&M revolving funds and developing CBO capacity	<ul style="list-style-type: none"> ◦ Developing management skills of CBO to manage the water supply scheme. ◦ Promotion of collective self-help work and building group cohesiveness. ◦ Monitoring CBO sanitation revolving fund and developing CBO capacity for financial management. 	<ul style="list-style-type: none"> ◦ Getting CBO to establish maintenance fund & ensuring regular contributions from the whole beneficiary community. ◦ Community responsibilities in source protection & conservation of catchment areas. ◦ Making the CBO aware of techniques & procedures for dealing with situations of high epidemic risks
Consolidation Phase (One Year)	VIII	Consolidation of CBO development to ensure sustainability of CBO	<ul style="list-style-type: none"> ◦ Educating CBO to other factors on sustainability. ◦ Institutionalization of O&M. <ul style="list-style-type: none"> - Set of procedures - Identification of roles & responsibilities. ◦ Organization development. <ul style="list-style-type: none"> - Institutional development. ◦ Guidance to strengthen maintenance fund. ◦ Support for training equipment. ◦ Linkages with other organizations. 	<ul style="list-style-type: none"> ◦ Establish CBO linkages with outside agencies (eg. private sector - NWS&DB - Dept of Health). ◦ Creating a climate for O&M support services provided by individuals and institutions. ◦ Formal training of caretakers through an external agency/NGO

Operation and Maintenance

Work Schedule 1995

Task	1995					1996					1997						
	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N
Revolving Fund																	
1. Operationalization of credit facilities			■	■	■												
2. Loan Fund promotion																	
3. Management training for small entrepreneurs								■	■				■	■			
4. Monitoring & Evaluation																	
Skills Development Programme																	
5. Caretaker Training																	
* course development	■	■	■	■	■												
* finalization of manual(s)	■	■	■	■	■												
* training courses	■				■	■		■		■	■		■	■		■	■
6. Training local artisans/contractors																	
* training needs assessment			■	■	■												
* technical training course	■				■		■			■		■		■		■	
7. Orientation programme for local hardware shops																	
* promotional material					■	■	■										
* materials & spares workshops					■	■	■										
CBO Training Programme																	
8. Orientation Programme for all CBO members																	

APPENDIX -2

Summary of findings and Recommendations
of the
Action Research Study on Rainwater Harvesting

Reference in Text: Section 1.4 (Pg. Nos. 16-17)

Summary of Findings and Recommendations of the Action Research Study on Rainwater Harvesting

1. Technical

The rainwater Harvesting Action research concludes that rainwater harvesting is technically feasible in the three districts of Badulla, Ratnapura and Matara.

Rainfall is adequate and most buildings have suitable roof-catchment.

The research recommends the design and construction of the three pilot projects already identified, at Badulla, Ratnapura and Matara. Monitor these projects after construction and review the technical, economic and social aspects and the policy on rainwater-harvesting accordingly.

2. Economic

The study concludes that it is possible to build a 5000 liter storage tank with brick (underground) or ferro-cement (over ground) to cost less than Rs. 5400 excluding unskilled labour. However, the level of service from a 5M³ storage tank will vary according to the rainfall pattern of the location and the size of the catchment area used.

The research recommends the continued construction of ferro-cement type trial tanks in order to bring the cost down further and improve the design.

3. Social

A vast majority of potential beneficiaries specially the lower income groups do not understand the full benefit of rainwater-harvesting. Reliability of rain as a source and the quality of rainwater are their main concerns.

It is recommended to conduct an awareness campaign under the CWSSP, targeted to potential consumers on rainwater harvesting.

The potential beneficiaries include houses located at higher elevation and away from the existing sources, where specially women have to walk long distances to fetch water.

4. Design

The study recommends the preparation and use of Rain Region Graphs to design the size of tanks, for a set of rainfall data. The required tank sizes can be determined for different catchment areas and demands, by the use of 'Rain Region' graphs. Rain Region graphs should be prepared at Head Office or Regional Office levels of CWSSP with available monthly rainfall data for each region where the rainfall pattern is similar.

Higher storage is expensive to build. The alternative is to reduce the demand in a ten year dry year. For drinking and cooking 6 lit per capita per day can be considered as standard. Where roof-catchment is limited, the next option is to build low-cost ground level catchment with underground storage tank.

5. Construction

The construction of Pilot Projects should be supervised direct from the Regional Offices with maximum community involvement.

Training on low-cost tank construction should be given to relevant masons and supervisors prior to actual construction. These training costs must be budgeted for in addition to the pilot projects.

With relevant experience gained from the pilot project the next step should be to train Technical Officers of the Partner Organizations in designing and the construction of the rainwater-harvesting systems.

6. Quality

The quality of rainwater depends on how clean the atmosphere is. The cleanliness of the material of the catchment surface, gutters and down pipes, the storage tank and the water extraction device, determines the quality more significantly.

The atmosphere is considered to be clean in the rural and small town areas where the CWSSP is being implemented.

The best surface for a catchment is the G.I. or Aluminum sheet roofs, Tiles, asbestos and plastic are only satisfactory.

The gutters and down pipes made of GI or PVC or polytene are considered satisfactory.

Storage tanks should be covered and made mosquito proof. Where there is any chance of pollution, the pot method of chlorination can be used to keep the water clean.

Water should be extracted from the tank by means of a pump or siphon pipe or gravity tap and not by bucket to prevent human contamination.

Rain water harvesting has the distinct advantage of being a separate system for each household. This prevents any outside contamination of the tanks.

APPENDIX - 3

Status of Projects Under Village

Water Supply & Sanitation

Sub Programme

Progress of Village WSS Programme (As at June 30, 1995)

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Project Development Phase: 1 = Community Mobilization 2 = VPP 3 = Community Proposal 4 = CBO Registration	Construction Phase: 1 = Extent of WS Construction Completed 2 = Sanitation Proposal 3 = Sanitation Fund in Operation	Progress: C = Completed P = In Progress
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Programme/ District/DS Div./ Partner Organiz.	Project Name	No. of HHs	Project Development Phae				Construction Phase				
			Date of Agreement	1	2	3	4	Date of Agreement	1	2	3
PILOT Programme - Ratnapura District											
PILOT/RD/KL/WADS	Ambagahawatta	89	03/12/92	C	C	C	C	/01/94	100%	C	P
PILOT/RD/EM/MPKO	Arndoluwa	450	- do -	C	P						
PILOT/RD/RT/TCRT	Dandeniya	136	- do -	C	C	C	C	/01/94	100%	C	P
PILOT/RD/EM/BORF	Dharshanagama	145	- do -	C	C	C	C	- do -	100%	C	P
PILOT/RD/EM/PSEM	Mudunmalkada	178	- do -	C	C	C	C	- do -	100%	C	P
PILOT/RD/KL/PSKL	Kathlana-Bopitiya	272	- do -	C	C	C	C	- do -	98%	C	P
PILOT/RD/EM/PSEM	Sudugala	122	- do -	C	C	C	C	- do -	95%	C	P
SSIP Group I - Badulla District											
SSIP1/BD/WL/PSWL	Ambewela	689	01/06/93	C	C	C	C	26/02/94	66%	C	
SSIP1/BD/ME/PSME	Akurukaduwa	261	- do -	C	C	C	C	18/03/94	96%	C	
SSIP1/BD/BD/MPBD	Damanwara	390	- do -	C	C	C	C	04/02/94	95%	C	P
SSIP1/BD/HL/TCBD	Dematawelhinna	205	- do -	C	C	C	C	- do -	P	C	
SSIP1/BD/BN/UVGK	Obadaella	204	- do -	C	C	C	C	-	-	C	
SSIP1/BD/BN/RCBN	Makulella	342	29/05/93	C	C	C	C	- do -	95%	C	P
SSIP1/BD/BN/ARCF	Matetilla	152	01/06/93	C	C	C	C	18/03/94	74%	C	
SSIP1/BD/BD/PSBD	Udawela	298	- do -	C	C	C	C	04/02/94	87%	C	P
SSIP1/BD/BD/UPSD	Viyadiguna	349	29/06/93	C	C	C	C	02/02/94	90%	C	P
SSIP1/BD/EL/PSEL	Walasbeddha	355	01/06/93	C	C	C	C	04/02/94	100%	C	P
SSIP Group I - Matara District											
SSIP1/MT/HK/PSHK	Allewela	185	01/06/93	C	C	C	C	12/01/94	100%	C	P
SSIP1/MT/AK/ICSD	Aturaliya	303	- do -	C	C	C	C	28/02/94	100%	C	
SSIP1/MT/KM/LCHK	Beddewatugoda	118	- do -	C	C	C	C	05/01/94	100%	C	
SSIP1/MT/MT/PSMT	Dosarkanda	115	- do -	C	C	C	C	12/01/94	-	C	
SSIP1/MT/MT/IFPD	Hewagewatta	187	- do -	C	C	C	C	- do -	100%	C	P
SSIP1/MT/PS/ARCF	Leewana	113	- do -	C	C	C	C	- do -	100%	C	
SSIP1/MT/WG/IADS	Mirissa	62	- do -	C	C	C	C	07/02/94	100%	C	
SSIP1/MT/DK/TCMT	Uduwila	195	- do -	C	C	C	C	12/01/94	100%	C	
SSIP1/MT/KM/IADS	Walakanda	175	- do -	C	C	C	C	- do -	100%	C	
SSIP1/MT/TH/ICSD	Welleto	316	- do -	C	C	C	C	- do -	100%	C	
SSIP Group I - Ratnapura District											
SSIP1/RT/EH/ARCF	Arrepola	230	01/06/93	C	C	C	C	07/02/94	75%	C	P
SSIP1/RT/GK/MPAT	Bibilegama	243	- do -	C	C	C	C	01/02/94	65%	C	P
SSIP1/RT/IM/PSIM	Halpe	125	- do -	C	C	C	C	- do -	100%	C	P
SSIP1/RT/EH/PSEH	Hindurangala	443	- do -	C	C	C	C	18/02/94	25%	C	P
SSIP1/RT/EM/PSEM	Julangette	450	- do -	C	C	C	C	06/05/94	15%	C	P
SSIP1/RT/KU/PSKU	Kandangoda	261	- do -	C	C	C	C	04/03/94	15%	C	P
SSIP1/RT/NI/TCRT	Karawita	509	- do -	C	C	C	C	29/03/94	60%	C	P
SSIP1/RT/KO/MPKO	Koppakanda	241	- do -	C	C	C	C	01/02/94	55%	C	P
SSIP1/RT/IM/MPIM	Minuwanarawa	194	- do -	C	C	C	C	- do -	100%	C	P
SSIP1/RT/PM/PSPM	Neelagama	154	- do -	C	C	C	C	- do -	20%	C	P
SSIP1/RT/BG/PSBG	Wijinathkumbura	211	- do -	C	C	C	C	18/02/94	100%	C	P

Programme/ District/DS Div./ Partner Organiz.	Project Name	No. of HHs	Project Development Phase				Construction Phase			
			Date of Agreement	1	2	3	4	Date of Agreement	1	2
LSIP Round 1 - Badulla District										
LSIP1/BD/HL/ARCF	Anthuduwawala	302	29/07/93	C	C	C	C			
LSIP1/BD/HL/ARCF	Gawela	179	- do -	C	C	C	C			
LSIP1/BD/HL/ARCF	Hapuwala Kumbura	187	- do -	C	C	C	C			
LSIP1/BD/HL/ARCF	Kirinda	285	- do -	C	C	C	C			
LSIP1/BD/HL/ARCF	Maliththa	142	- do -	C	C	C	C	.././94	10%	
LSIP1/BD/HL/ARCF	Moretota	158	- do -	C	C	C	C	.././94	8%	
LSIP1/BD/HL/ARCF	Pahamunathota	145	- do -	C	C	C	C	.././94	15%	
LSIP1/BD/HL/ARCF	Samagipura	281	- do -	C	C	C	C	.././94	10%	
LSIP1/BD/HL/ARCF	Uduwara	321	- do -	C	C	C	C			
LSIP1/BD/HL/ARCF	Warakadanda	117	- do -	C	C	C	C	.././94	15%	
LSIP1/BD/ME/TCBD	Aggala Ulpotha	185	13/09/93	C	C	C	C	.././94	52%	
LSIP1/BD/SO/TCBD	Baduge Kanda	147	- do -	C	C	C	C	.././94	13%	
LSIP1/BD/SO/TCBD	Kandegedara	573	- do -	C	C	P	C			
LSIP1/BD/ME/TCBD	Karametiya	172	- do -	C	C	C	C	.././94	24%	
LSIP1/BD/SO/TCBD	Kuttiyagolla	284	- do -	C	C	C	C			
LSIP1/BD/ME/TCBD	Meegahakeula	249	- do -	C	C	C	C			
LSIP1/BD/HM/TCBD	Moraketiya	145	- do -	C	C	C	C	.././94	7%	
LSIP1/BD/HM/TCBD	Ran Wan Guhawa	112	- do -	C	C	P	C			
LSIP1/BD/ME/TCBD	Thaldena	325	- do -	C	C	C	C			
LSIP1/BD/SO/TCBD	Yatilella	186	- do -	C	C	C	C	.././94	28%	
LSIP Round 1 - Malara District										
LSIP1/MT/PS/DHVF	Ginnaliya East	213	30/07/93	C	C	C	C	19/04/9	34	P
LSIP1/MT/PS/DHVF	Ginnaliya North	287	- do -	C	C	C	C	15/02/95	76	P
LSIP1/MT/PS/DHVF	Heegoda	448	- do -	C	C	C	C	15/01/95	44	P
LSIP1/MT/HK/DHVF	Kandegoda	146	- do -	C	C	C	C	01/11/94	98	P
LSIP1/MT/PS/DHVF	Kiripitiya West	283	- do -	C	C	C	C	15/01/95	22	P
LSIP1/MT/HK/DHVF	Muruthamuraya East	146	- do -	C	C	C	C	01/11/94	100%	P
LSIP1/MT/HK/DHVF	Muruthamuraya West	156	- do -	C	C	C	C	- do -	100	P
LSIP1/MT/HK/DHVF	Udupillegoda East	224	- do -	C	C	C	C	- do -	73	P
LSIP1/MT/HK/DHVF	Wepotha Era South	190	- do -	C	C	C	C	- do -	100%	P
LSIP1/MT/HK/DHVF	Wepotha Era West	147	- do -	C	C	C	C	- do -	100	P
LSIP1/MT/MU/TCMT	Baragama East	210	10/08/93	C	C	P	C	15/02/9	52%	
LSIP1/MT/MU/TCMT	Deiyandara	283	- do -	C	C	C	C	01/10/94	94	P
LSIP1/MT/MU/TCMT	Dewalegama West	193	- do -	C	C	C	C	11/04/	43	
LSIP1/MT/MU/TCMT	Diddenipotha South	162	- do -	C	C	C	C	01/10/94	98	P
LSIP1/MT/MU/TCMT	Horapavita South	98	- do -	C	C	C	C	- do -	65	P
LSIP1/MT/MU/TCMT	Ketapala Kanda	226	- do -	C	C	C	C	- do -	46%	
LSIP1/MT/MU/TCMT	Maduwala	228	- do -	C	C	P	C	11/04/9	28%	
LSIP1/MT/MU/TCMT	Parapamulla South	181	- do -	C	C	C	C	01/10/94	82	P
LSIP1/MT/MU/TCMT	Pitawalgamuwa	234	- do -	C	C	C	C	- do -	98	P
LSIP1/MT/MU/TCMT	Radawela East	166	- do -	C	C	C	C	11/04/9	22%	

Programme/ District/DS Div./ Partner Organiz.	Project Name	No. of HHs	Project Development Phase				Construction Phase				
			Date of Agreement	1	2	3	4	Date of Agreement	1	2	3
LSIP Round 1 -	Ratanapurn District										
LSIP1/RT/KO/MPKO	Ambagahayaya	293	23/07/93	C	C	C					
LSIP1/RT/EM/MPKO	Hinguru Ara	501	- do -	C	C	C					
LSIP1/RT/KO/MPKO	Keella	253	- do -	C	C	C					
LSIP1/RT/KO/MPKO	Kempane	345	- do -	C	C	C					
LSIP1/RT/KO/MPKO	Kolonna	525	- do -	C	P						
LSIP1/RT/KO/MPKO	Maduwanwala	436	- do -	C	P						
LSIP1/RT/KO/MPKO	Nandanagama	357	- do -	C	P						
LSIP1/RT/KO/MPKO	Omalpe	273	- do -	C	P						
LSIP1/RT/KO/MPKO	Ranchamadama	412	- do -	C	C	C					
LSIP1/RT/KO/MPKO	Wijeriya	332	- do -	C	P						
LSIP1/RT/RT/TCRT	Banagoda	245	13/09/93	C	C	C					
LSIP1/RT/RT/TCRT	Darec Kanda	568	- do -	C	C	C					
LSIP1/RT/KU/TCRT	Deheragoda	653	- do -	C	C	C					
LSIP1/RT/KU/TCRT	Ellawala	410	- do -	C	P						
LSIP1/RT/RT/TCRT	Gallella	366	- do -	C	C	C	../12./94		P		
LSIP1/RT/KU/TCRT	Idangoda	495	- do -	C	P						
LSIP1/RT/KU/TCRT	Kiriella	269	- do -	C	C	C	../12./94		P		
LSIP1/RT/RT/TCRT	Meehitiya	260	- do -	C	C	C	- do -		P		
LSIP1/RT/KU/TCRT	Pathberiya East	259	- do -	C	C	C	- do -		P		
LSIP1/RT/KU/TCRT	Pathberiya West	428	- do -	C	C	C	- do -		P		
LSIP1/RT/KL/WADS	Delgoda East	288	28/07/93	C	C	C	../12./94		P		
LSIP1/RT/KL/WADS	Delgoda West	198	- do -	C	C	C	- do -		P		
LSIP1/RT/KL/WADS	Kalawana East	298	- do -	C	P						
LSIP1/RT/KL/WADS	Kalawana West	192	- do -	C	C	C	../12./94		P		
LSIP1/RT/KL/WADS	Koddipili Kanda	297	- do -	C	P						
LSIP1/RT/KL/WADS	Koswatta	289	- do -	C	C	C	../12./94		P		
LSIP1/RT/KL/WADS	Thapassarakanda	275	- do -	C	C	C					
LSIP1/RT/KL/WADS	Wembegoda	209	- do -	C	C	C	../12./94		P		
LSIP1/RT/KL/WADS	Wewalkaduragama	366	- do -	C	C	C					
LSIP1/RT/KL/WADS	Yaharangala	336	- do -	C	P						
SSIP Group 2	Badulla District										
SSIP2/BD/BN/RCBN	Ambegoda	410	01/03/94	C	C	C	C				
SSIP2/BD/MY/UPSD	Dambagolla	370	- do -	C	C	C	C	../11/94	43%		
SSIP2/BD/EL/PSEL	Demodara	295	01/04/94	C	C	C	C	../01./95	12%		
SSIP2/BD/WL/PSWL	Dikkapitiya	293	01/03/94	C	C	P	C				
SSIP2/BD/EL/UVGK	Dowa	373	- do -	C	C	C	C	../11/94	18%		
SSIP2/BD/KN/TCBD	Hewandana	105	- do -	C	C	C	C	- do -	45%		
SSIP2/BD/KN/TCBD	Kandakepu Ulpota	122	- do -	C	C	C	C	- do -	51%		
SSIP2/BD/BN/UVGK	Kabilewela North	461	- do -	C	C	C	C	- do -	19%		
SSIP2/BD/ME/PSME	Ketawatta	202	- do -	C	C	C	C	- do -	27%		
SSIP2/BD/WL/PSWL	Koskanuwegama	153	- do -	C	C	C	C	- do -	20%		
SSIP2/BD/HP/RCBN	Maligatenna	332	- do -	C	C	C	C	- do -	34%		
SSIP2/BD/ME/PSME	Morahela	121	- do -	C	P	P					
SSIP2/BD/EL/PSEL	Naulla	145	01/04/94	C	C	C	C	../01./95	15%		
SSIP2/BD/RI/UPSD	Uraniya	100	- do -	C	C	C	C	../11/94	94%		

Programme/ District/DS Div./ Partner Organiz.	Project Name	No. of HHs	Project Development Phase				Construction Phase				
			Date of Agreement	1	2	3	4	Date of Agreement	1	2	3
SSIP Group 1											
Matara District											
SSIP2/MT/AK/ICSD	Athuraliya East	127	15/03/94	C	C	C	C	15/11/9	98%		
SSIP2/MT/HK/PSHK	Denagama East	279	- do -	C	C	C	C	15/12/9	76%		
SSIP2/MT/WG/IADS	Garamduwa	216	- do -	C	C	C		06/02/95	94%		
SSIP2/MT/WG/WSDB	Henwala West	228	- do -	C	C	C	C	01/02/9	92%		
SSIP2/MT/HK/LCHK	Kahagala South	212	- do -	C	C	C		01/12/94	80%		
SSIP2/MT/HK/LCHK	Kongala Central	214	- do -	C	C	C		01/02/9	78%		
SSIP2/MT/KT/IADS	Lindagawahena	372	- do -	C	C	P		15/04/9	73%		
SSIP2/MT/HK/PSHK	Mee Ella	234	- do -	C	C	C	C	- do -	50%		
SSIP2/MT/TH/ICSD	Pahala Vitiya Central	212	- do -	C	C	C	C	15/11/	98%		
SSIP2/MT/TH/ICSD	Pahala Vitiya West	189	- do -	C	C	C	C	- do	98%		
SSIP2/MT/AK/ICSD	Paraduwa South	248	- do -	C	C	C	C	- do -	98%		
SSIP2/MT/WG/IADS	Thudalla	203	- do -	C	C	C	P				
SSIP2/MT/WG/WSDB	Udukawa South	306	- do -	C	C	C	C	02/01/9	75%		
SSIP2/MT/DK/IFPD	Urugamuwa East	102	- do -	C	C	C	C	01/12/94	95%		
SSIP2/MT/DK/IFPD	Urugamuwa North	110	- do -	C	C	C	C	01/12/94	91%		
SSIP2/MT/KT/IADS	Usamalegoda	200	- do -	C	C	C	P	19/04/9	10%		
SSIP2/MT/DK/TCMT	Wettegama North	161	- do -	C	C	C	C	28/12/94	98%		
SSIP2/MT/DK/TCMT	Wewurukannala	186	- do -	C	C	C	C	- do -	98%		
SSIP Group 2											
Ratnapura District											
SSIP2/RT/IM/MPIM	Amuwathugoda	218	01/04/94	C	P						
SSIP2/RT/GK/MPAT	Galhitiya	333	- do -	C	P						
SSIP2/RT/PM/PSPM	Gona Kumbura	242	- do -	C	P						
SSIP2/RT/PM/TCRT	Halpawala	296	- do -	C	P						
SSIP2/RT/KO/MPEM	Henakgoda	138	- do -	C	P						
SSIP2/RT/PM/TCRT	Kapuhentota	549	- do -	C	P						
SSIP2/RT/EH/PSEH	Kalatuwawa East	320	- do -	C	P						
SSIP2/RT/KO/MPEM	Konkatuwa	670	- do -	C	P						
SSIP2/RT/EM/PSEM	Kuttigala	116	- do -	C	P						
SSIP2/RT/PM/PSPM	Lellopitiya	322	- do -	C	P						
SSIP2/RT/BG/PSBG	Medabedda North	155	- do -	C	P						
SSIP2/RT/IM/PSIM	Meddegama	760	- do -	C	P						
SSIP2/RT/GK/MPAT	Meddegama	199	- do -	C	P						
SSIP2/RT/EH/PSEH	Miyenakolatenna	142	- do -	C	P						
SSIP2/RT/EM/PSEM	Padalangala	275	- do -	C	P						
SSIP2/RT/NI/WADS	Pahala Karawita	450	- do -	C	P						
SSIP2/RT/KU/PSKU	Paradise Colony	587	- do -	C	P						
SSIP2/RT/IM/MPIM	Passaramulla	325	- do -	C	P						
SSIP2/RT/NI/WADS	Pin Kanda	450	- do -	C	P						
SSIP2/RT/KU/PSKU	Pussella	542	- do -	C	P						
SSIP2/RT/KL/PSKL	Rambuka	461	- do -	C	P						
SSIP2/RT/IM/PSIM	Udagama	279	- do -	C	P						
SSIP2/RT/BG/PSBG	Udumullagama	129	- do -	C	P						
SSIP2/RT/KL/PSKL	Weddagala	187	- do -	C	P						

Programme/ District/DS Div./ Partner Organiz.	Project Name	No. of HHs	Project Development				Construction				
			Date of Agreement	1	2	3	4	Date of Agreement	1	2	3
SSIP Group 2	Badulla District										
SSCIP1/BD/BD/PSBD	Andeniya	429	./10/94	C							
SSCIP1/BD/RI/KCDF	Arawatta	281	- do -	P							
SSCIP1/BD/KN/TCBD	Badulu Oya - West	240	- do -	C							
SSCIP1/BD/KN/URAF	Beramada	235	- do -	C							
LSCIP1/BD/./MPBD	Bubula	177	- do -	C							
SSCIP1/BD/BN/RCBN	Egodagama	358	- do -	C							
SSCIP1/BD/UP/PSUP	Ihala Kotawera	460	- do -	C							
LSCIP1/BD/RI/MPBD	Iluktenna	380	- do -	C							
LSCIP1/BD/BD/MPBD	Kendagolla	420	- do -	C							
SSCIP1/BD/BN/UVGK	Kirioruwa	412	- do -	C							
SSCIP1/BD/BN/RCBN	Konthihela	228	- do -	C							
LSCIP1/BD/BD/MPBD	Kotathalawa	133	- do -	C							
SSCIP1/BD/KN/TCBD	Mahatenna	220	- do -	C							
SSCIP1/BD/BN/RCBN	Mahathenna	275	- do -	C							
LSCIP1/BD/BD/MPBD	Morana	67	- do -	C							
SSCIP1/BD/UP/HUDF	Pahala Kotawara	316	- do -	C							
SSCIP1/BD/EL/ACDF	Puhulgama	432	- do -	C							
SSCIP1/BD/BD/PSBD	Vinithagama	276	- do -	C							
SSCIP1/BD/PA/CPDF	Walgolla	257	- do -	C							
SSCIP1/BD/BN/UVGK	Wattagamuwa	440	- do -	C							
SSIP Group 3	Matara District										
SSIP3/MT/KT/LCAK	Asmagada	102	03/05/94	C	C	P					
SSIP3/MT/KM/SJAB	Karaputugala North	206	- do -	C	C	C	15/12/94	86%			
SSIP3/MT/PS/PSPS	Kirilapana	232	- do -	C	C	P					
SSIP3/MT/KT/RFMT	Kudaludeniya	234	- do -	C	C	P					
SSIP3/MT/MT/RUDF	Nawimana North	138	- do -	C	C	C	15/12/94	98%			
SSIP3/MT/KT/MPKP	Uwaragala	170	- do -	C	C	P					
SSIP Group 2	Ratnapura District										
SSCIP/RT/KU/RTCC	Amitagoda		/11/94	P							
SSCIP/RT/AY/PSAY	Ayagama		- do -	P							
SSCIP/RT/KU/RTCC	Ekaneligoda - North		- do -	P							
SSCIP/RT/GK/MPAT	Masimbula		- do -	P							
SSCIP/RT/OP/MPAT	Morawitiwala		- do -	P							
SSCIP/RT/BG/PSBG	Rassagala		- do -	P							
SSCIP/RT/KL/SEEC	Samanpura		- do -	P							
SSCIP/RT/AY/PSAY	Sugunapura Colony		- do -	P							
SSIP Group 4	Matara District										
SSIP4/MT/././ACCD	Athapattu Kanda		11/01/95	C	P						
SSIP4/MT/././SJAB	Beragamulla		15/01/95	C	C	P					
SSIP4/MT/././ARCF	Beralapanatha North		01/01/95	C	P						
SSIP4/MT/././ARCF	Beralapanathara South		-do-		P						
SSIP4/MT/././	Deeyagaha East		-do-		P						
SSIP4/MT/././	Henegama West		- do -		P						
SSIP4/MT/././LSSS	Horagala East		- do -	P							

Programme/ District/DS Div./ Partner Organiz.	Project Name	No. of HHs	Project Development				Construction			
			Date of Agreement	1	2	3	4	Date of Agreement	1	2
Matara District (Continued)										
SSIP4/MT/...../RUF	Horagala West		01/01/95	C	P					
SSIP4/MT/...../SAVI	Kananke Watta		- do -	P						
SSIP4/MT/...../ARCF	Kekundeniya		- do -	C	P					
SSIP4/MT/...../SEED	Kolawenigama		03/01/95	P						
SSIP4/MT/...../SATH	Molokgamuwa North		- do -	C	P					
SSIP4/MT/...../LSSS	Mugunamulla		- do -	P						
SSIP4/MT/...../	Nimalawa		- do -	C	P					
SSIP4/MT/...../SJAB	Owitigamuwa North		15/01/95	C	P					
SSIP4/MT/...../LSSS	Paragala		- do -	P						
SSIP4/MT/...../ARCF	Pattigala		- do -	C	P					
SSIP4/MT/...../RUF	Porupitiya		- do -	C	P					
SSIP4/MT/...../LSSS	Rambukana West		- do -	C	P					
SSIP4/MT/...../ARCF	Rotumba West		- do -	C	P					
SSIP4/MT/...../CEMN	Seenipella West		04/01/	C	P					
SSIP4/MT/...../NABU	Uda Aparekka		- do -	P						
SSIP4/MT/...../LCHK	Udupeelegoda West		01/02/95	P						
SSIP4/MT/...../LSSS	Weliwa		01/01/95	C	P					
LSCIP Group I - Badulla District										
LSCIP1/BD/MY/SAVI	Giranduru Kotte		01/03/95	P						
LSCIP1/BD/WL/SEED	Hean Kumbura		- do -	P						
LSCIP1/BD/./CEMN	Horadaruwa		- do -	P						
LSCIP1/BD/HM/CEMN	Kitulgaha Arawa		- do -	P						
LSCIP1/BD/./SATH	Welanhinna		- do -	P						
LSCIP Group I - Badulla District										
LSCIP1/BD/MY/LSSS	Aluthamma		01/03/95	P						
LSCIP1/BD/KN/URAD	Bokunnoruwa		- do -	P						
LSCIP1/BD/PA/ACDF	Dambewela		- do -	P						
LSCIP1/BD/KN/ACDF	Dodamgolla		- do -	P						
LSCIP1/BD/	Godunna		- do -	P						
LSCIP1/BD/PA/CPDF	Gonagala East		- do -	P						
LSCIP1/BD/EL/ACDF	GovuNsa		- do -	P						
LSCIP1/BD/HL/URAD	Heenarangolla		- do -	P						
LSCIP1/BD/HL/LSSS	Kandana		- do -	P						
LSCIP1/BD/WL/HUDF	Kebillegama		- do -	P						
LSCIP1/BD//UP/HUDF	Koda Kumbura		- do -	P						
LSCIP1/BD//UP/HUDF	Madagodagama		- do -	P						
LSCIP1/BD/	Madawela		- do -	P						
LSCIP1/BD/PA/CPDF	Nikebedda		- do -	P						
LSCIP1/BD//UP/HUDF	Perawela		- do -	P						
LSCIP1/BD/PA/LSSS	Pramahankada		- do -	P						
LSCIP1/BD/PA/CPDF	Sapuroda		- do -	P						
LSCIP1/BD/PA/LSSS	Tennuge		- do -	P						
LSCIP1/BD/KN/URAD	Thalakumbura		- do -	P						
LSCIP1/BD/MY/LSSS	Thalangama		- do -	P						
LSCIP1/BD/PA/ACDF	Tolabowatta		- do -	P						
LSCIP1/BD/PA/CPDF	Udagama		- do -	P						

Programme/ District/DS Div./ Partner Organiz.	Project Name	No. of HHs	Project Development				Construction			
			Date of Agreement	1	2	3	4	Date of Agreement	1	2
LSCIP Group 4										
LSCIP/RT/EM/BORF	Godauda Wadiya		/11/94	P						
- do -	Jadura		- do -	P						
- do -	Panamura		- do -	P						
- do -	Ketagal Ara		- do -	P						
- do -	Kumbugoda Ara		- do -	P						
LSCIP/RT/IM/MPIM	Bellankanda		- do -	P						
- do -	Dewalegawagama		- do -	P						
- do -	Gurubewila		- do -	P						
- do -	Medagedaragoda		- do -	P						
- do -	Meddetalawa		- do -	P						
LSCIP/RT/GK/ARCF	Dambawinna		- do -	P						
- do -	Mahagama East		- do -	P						
- do -	Mahagama West		- do -	P						
- do -	Tambagamuwa East		- do -	P						
- do -	Tambagamuwa West		- do -	P						
LSCIP/RT/IM/MPIM	Imbulpe		- do -	P						
- do -	Karandiyamulla		- do -	P						
- do -	Pallewela		- do -	P						
- do -	Pandeniya		- do -	P						
- do -	Seelogama		- do -	P						
SSIP Group 5										
Matara District										
SSIP5/MT/TH/LCHK	Akkara 50		01/04/95	P						
SSIP5/MT/PS/IFPD	Bengamuwa East		04/05/95	P						
- do -	Bengamuwa South		- do -	P						
- do -	Bengamuwa West		- do -	P						
SSIP5/MT/DK/IFPD	Bodarakanda		- do -	P						
SSIP5/MT/KM/TCMT	Gatara East		12/05/95	P						
SSIP5/MT/AK/ICSD	Henegama		15/5/95	P						
SSIP5/MT/KM/LCHK	Hettiyawala West		01/04/95	P						
SSIP5/MT/AK/ICSD	Ihala Kiyanduwa		15/03/95	P						
SSIP5/MT/KM/TCMT	Karaputugala South		12/05/95	P						
SSIP5/MT/HK/LCHK	Kongala East		01/04/95	P						
- do -	Kongala South		- do -	P						
SSIP5/MT/AK/ICSD	Malawwa		15/04/95	P						
SSIP5/MT/KM/LCHK	Malwathugoda		01/04/95	P						
SSIP5/MT/AK/ICSD	Paragahawatta		15/04/95	P						
SSIP5/MT/DV/IFPD	Uda Aparakka		04/05/95	P						
SSIP5/MT/KM/LCHK	Udurapola East		01/04/95	P						
SSIP5/MT/DV/IFPD	Wabulugahahena		04/05/95	P						

APPENDIX - 4

*List of
Partner Organizations by
Districts*

Reference in Text: Section 2.1 (Pg. No. 23)

COMMUNITY WATER SUPPLY & SANITATION PROJECT: LIST OF PARTNER ORGANIZATIONS BY DISTRICTS

As at May 01, 1995

Badulla District		Matara District		Ratnapura District	
1 All Ceylon Community Dev. Foundation	ACCD	1 All Ceylon Community Dev. Foundation	ACCD	1 Arthachariya Foundation	ARCF
2 Arthachariya Foundation	ARCF	2 Arthachariya Foundation	ARCF	2 Comm. Dev. Foundation	CMDF
3 Community Participatory Dev. Foundation	CPDF	3 Comm. Empowerment Network	CEMN	3 Gemmi Jana Pubuduwa	GEJP
4 Comm. Friends Organization	CMFO	4 Inst. for Comm. Strength & Dev.	ICS	4 MPCs Atakalanpanna	MPAT
5 Comm. Solidary Dev. Foundation	CSDF	5 Inst. for Participatory Development	IFPD	5 MPCs Eheliyagoda	MPEH
6 Human Dev. Foundation	HUFD	6 Inst. for Alternative Dev. Strategies & Training	IADS	6 MPCs Imbulpe	MPIM
7 Kundasale Community Dev. Foundation	KCDF	7 Lions Club - Akuressa	LCAK	7 MPCs Kolona Korale/Embilipitiya	MPKO
8 MPCs Badulla	MPBD	8 Lions Club - Hakmana	LCHK	8 MPCs Ratnapura	MPRT
9 PS Badulla	PSBD	9 MPCs Kotapola	MPKT	9 PS Ayagama	PSAY
10 PS Ella	PSEL	10 Nation Builders	NABU	10 PS Balangoda	PSBG
11 PS Meegahakiula	PSME	11 National WS & Drainage Board	NWDB	11 PS Eheliyagoda	PSEH
12 PS Uva Paranagama	PSUP	12 Navimana South Rural Dev. Foundation	NSRD	12 PS Embilipitiya	PSEM
13 PS Welimada	PSWL	13 PS Hakmana	PSHK	13 PS Imbulpe	PSIM
14 Rotary Club - Bandarawela	RCBN	14 PS Matara	PSMT	14 PS Kalawana	PSKL
15 Sarvodaya Sramadana Sangamaya	LSSS	15 PS Pasgoda	PSPS	15 PS Kuruwita	PSKU
16 Sathmaga Participatory Dev. Found.	SATH	16 Rural Friends, Matara	RFMT	16 PS Pelmadulla	PSPM
17 Saviya Dev. Organization	SAVI	17 Sarvodaya Sramadana Sangamaya	LSSS	17 Ratnapura Dist. Co-op Council	RTCC
18 Socio-Economic & Environment Dev. Inst.	SEED	18 Sathmaga Participatory Dev. Found.	SATH	18 Sarvodaya Sramadana Sangamaya	LSSS
19 TCCS - Badulla	TCBD	19 Saviya Dev. Organization	SAVI	19 Sevashrama Environmental Circle	SEEC
20 Uva Community Relief & Dev. Foundation	UCRF	20 Socio-Economic & Environment Dev. Inst.	SEED	20 Sri Bodhiraja Foundation	BORF
21 Uva Govijana Kendaraya	UVGK	21 St. Johns Ambulance Army	SJA	21 TCCS - Ratnapura	TCRT
22 Uva Rural Assistance Dev. Foundation	URAF	22 TCCS - Matara	TCMT	22 Water Decade Services	WADS

APPENDIX - 5

Profile of Training Programmes / Workshops

Conducted in

Badulla/Matara/Ratnapura District

**Training Programmes Conducted - Badulla District
April to June 1995**

No	Date	Duration	Title of Training Programme	Objectives	Participants		Location
					Category	No	
1.	April 24-27	Days 4	Technical Training Session I	◦ To familiarize with WSS technology.	TOs (SIPA CLIP)	25	Resource Center - Badulla
2.	May 10-13	Days 4	Module Training (M3)	◦ To introduce final mobilization steps	CF and PM (SIP & CLIP)	31	Resource Center - Badulla
3.	May 25-27	Days 5	Technical Training Session II	◦ To familiarize with WSS technology.	TO (SIP & CLIP)	25	Sarvodaya Center - Badulla
4.	May 29-31	Days 3	Module Training (P4)	◦ To learn VPP steps.	CF, TO and PM (SSIP III)	25	Resource Center - Badulla
5.	June 5-9	Days 5	Technical Training (Session III)	◦ To be familiar with WSS planing technology.	TOs (SIP & CLIP)	25	Kahagolla Co-op. Training Center
6.	June 7-8	Days 2	CBO Strengthening Program	◦ To identify weak performances of CBOs and to recommend remedial actions.	CBO chairmen & Secretaries	35	Resource Center - Badulla
7.	June 13-17	Days 5	Orientation Training Program for Engineers	◦ To orient new CWSPU Engineers in CWSSP	Resource Pool Engineers of CWSPU	25	Resource Center - Badulla

x8.	June 14-16	Days 3	Module Training (P4)	◦ To introduce VPP	CF, TO & PM (SIP & CLIP Round I)	30	Kahagolla Co-op. Training Center
9.	June 4	Day 1	Caretaker Training	◦ To be familiar with O&M of stand posts.	Stand Post care takers of Viyadiguna Project	75	Viyadiguna project area.
10.	June 26-28	Days 3	Module Training (P4)	◦ To be familiar with VPP	CF, PO & PM (LSIP & CLIP) Round II	30	Haliela Resource Center
11.	June 29	Day 1	Book Keeper's Training	◦ To learn CWSPU Book Keeping pattern.	Book Keepers of POs	09	CWSPU Office - Badulla
12.	June 30	Day 1	Store Keeper's Training	◦ To learn CWSPU store Keeping pattern	Store Keeper's of POs.	26	Agrarian Services Institute Badulla

Training Programmes Conducted - Matara District
April to June 1995

No	Date	Duration	Title of Training Programme	Objectives	Participants		Location
					Category	No	
1.	April 4-5	Days 2	Module training (M3)	◦ To introduce Module M3	PMs & CFs of consolidation Phase I	36	RDTC-Dikwella
2.	April 10	Day 1	Village Sanitation Awareness Programme	◦ To train PO Staff and CBO leaders on preparation of proposals for village sanitation programme.	key officers of CBOs and POs	195	Mahamaya Balika Vidyalaya Matara
3.	April 11	Day 1	Village Sanitation Awareness Programme	◦ To train District Office Staff on Village Sanitation Programme	CWSPU district office staff	31	CWSPU District Office
4.	April 20-21	Days 2	Technical Consultation Workshop	◦ To review procedures & identify bottlenecks through sharing field experiences.	Technical Staff of the three Districts	30	SDTC-Dikwella
5.	April 24-26	Days 3	Module training (P4)	◦ To introduce Module P4	PMs, TOs, CFs and Core-Group	64	SDTC-Dikwella
6.	May 10-11	Days 2	Tube wells caretakers training	◦ Train TOs caretakers on Operation and Maintenance	Caretakers of projects supported with tube wells	22	ICTRL-Embilipitiya

7.	May 11	Day 1	Awareness Programme on School WSS Programme	<ul style="list-style-type: none"> To create awareness on School WSS and its implementation. 	School Principals, Teachers, and SDS Members	285	Rahula Collage Matara
8.	May 30	Day 1	Awareness Programme on Village Sanitation programme	<ul style="list-style-type: none"> To create awareness on village sanitation programme. 	CBO Leaders and CFs, PMs of POs	25	St. Jones Ambulance Brigade Centre - Matara
9.	June 02	Day 1	Divisional level Co-ordination Committee orientation Workshop	<ul style="list-style-type: none"> To identify roles and responsibilities of committee members 	Divisional Secretaries Deputy Director of Education Deputy Director of Health Service & Provincial Level Authorities	38	Bay Beach Hotel Weligama
10.	June 6-7	Days 2	Technical Officers Training on School programmes	<ul style="list-style-type: none"> Orientation to CWSSP To identify roles & responsibilities of participants 	Selected TOs for school WSS programme	26	RDTTC-Dikwella
11.	June 25	Day 1	Coordination Workshop for School Principals & TOs	<ul style="list-style-type: none"> To orient TOs for each school & identify problems relating school WSS 	Selected school principals and TOs	60	Education Zonal Office - Matara
12.	June 28	Day 1	Workshop to prepare Hygiene Education proposals for School WSS Programme	<ul style="list-style-type: none"> To Identify main activities which should cover school hygiene education programme. To prepare work plan for hygiene education programme 	Selected school principals & Teachers in charge of school Hygiene Education programme in Matara District	30	Mahamaya Balika Vidyalaya Matara

**Training Programmes Conducted - Ratnapura District
From April to June 1995**

No	Date	Duration	Title of Training Programme	Objectives	Participants		Location
					Category	No	
1.	April 21	Day 1	Orientation to CWSSP	◦ To introduce CWSSP	POM/PM/POM of CSSIP 1 & CLSIP 11	30	Paradise Training Unit
2.	April 25-28	Day 4	Technical Training (P4)	◦ To introduce VPP	TOs of SSIP 1 & CLSIP	28	Pathakada Sarvodaya center
3.	May 3-5	Days 3	Module O&M	◦ To train TOs to do feasibility study of WSS	CF/PM/POM CSSIP & CLSIP 11	20	Pathakada Sarvodaya Center
4.	May 6-7	Days 2	Technical Training	◦ Orientation to CWSSP & SWSSP & train TOs to design WSS.	TOs of SWSSP	29	Pathakada Sarvodaya Center
5.	May 18	Day 1	Training on SWSSP	◦ To orientate school principals, teachers and SDS members on SWSSP.	School Principals/Teachers member of SDS	416	Town Hall - Ratnapura

6.	May 20	Days 1	Divisional Co-ordination Committee Workshop	◦ To identify the responsibilities of key members of divisional Co- ordinating committee	Divisional Secretaries Director Education Assistant Director Education Regional Director Health Services Medical Officer of Health	28	Gemland Hotel Ratnapura
7.	June 6-8	Days 3	Module Training (M2)	◦ To introduce interim Mobilization	CF/TOs of POs & CBO members	22	RDTC-Pussella
8.	June 01 03 09 13 14 15 16 17 20 21	Day 1 -do- -do- -do- -do- -do- -do- -do- -do- -do-	Training on village sanitation programme	◦ Introduce sanitation programme to CBO & prepare sanitation proposals.	CFs/TOs & CBO Members	265	Imbulpe PS -do- Paradise TC -do- Embilipitiya BRF -do- Atakalan MPCS -do- Kalawana Temple -do-

APPENDIX - 6

" Pilot Projects: Starting small "

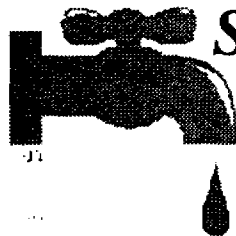
Article Appeared on CWSSP in

"Process Innovation Update (June 13, 1995)"

Reference in Text: Section 4.4 (Pg. No. 59)

Pilot Projects

Starting small . . .



Innovations

- √ Piloting the pilot approach
- √ Piloting the community-based approach for providing rural water supply and sanitation

All over the country Sri Lankans pitch in—either by doing part of the work or by making a cash contribution—to ensure that the community has a functioning water supply and sanitation.

This picture may seem like a far cry since the Community Water Supply & Sanitation Project (CWSSP) in Sri Lanka only involved three districts; however, it may be the reality a few years down the road given the success of the community involvement in this project. Already the Government of Sri Lanka has approved a policy for rural water supply in 1994 and, says Mr. H. T. Hewawasam (Director, CWSSP), “the prospect for adoption of the CWSSP approach by the Government of Sri Lanka is positive.”

This project piloted giving communities more responsibility for the services provided, in this case the water supply in rural areas. Lea Donaldson (EC3IV), who was Task Manager for this project, comments that, “the level of community involvement in this project is the highest in the Bank.” Given that this rural environment is one where “government has often acted as a sugardaddy,” as Mr. Hewawasam puts it, and that it will therefore “take time to convince people that there is a better and faster way to get infrastructural facilities than through political interference,” this level of involvement is all the more noteworthy.

Villagers could choose how they wanted to be involved. Some helped with the design, others contributed manual unskilled labor or semi-skilled labor. Others contributed cash and materials. Some went even further: Mr. Hewawasam says, “In one case . . . the community directly handled the grant and ensured efficient use and nearly flawless accounting and transparency.” (For more details, see the case study below.)

It is early yet to chalk up results either from the improved water supply or from the increased participation. However, there are changes. Mr. Hewawasam de-

veloped through the project [that] has made this community eligible for follow-on funding by other donors.”

The main lesson learned, according to Lea, is to make more use of the powerful community organization that is created to choose the design and bring it to fruition. This learning will serve in the next project of this sort—which is already in preparation. In that project, the community group will continue to be involved throughout the maintenance and operation of the rural water supply systems, which one would assume would be a very long time.

This project not only piloted community involvement but piloted pilots as well. Sufficient local capacity to manage information systems and to mobilize community skills was not in place to launch this project nationwide right from the start. The project was, therefore, designed to focus on institutional development and testing approaches for service delivery rather than full coverage of water and sanitation. Lessons learned from the community involvement are being applied to the framework for the national policy for providing rural water supply and sanitation services.

This project also illustrates the importance of a flexible design which allows for learning by doing. Moving successfully from pilot to larger scale implementation was possible because project rules could be adjusted based on a consensus on the lessons of experience.

For more information about piloting projects, contact Graeme Lee (x80803). For more information on community based development in general, contact Deepa Narayan (ENVSP) at x31304 for details on a series of seminars which ENV will offer in FY96. The program will be aimed at helping the Bank to work more effectively with communities.



*. . . to be
sure we get
the big right.*

scribes spin-offs: In one district after the local Partner Organization (PO) completed eight projects in eight communities, the PO took “it onto itself to start organizing community development management training course[s] for the CBOs [Community Based Organizations] in these eight villages.” And in another village “the community has now started to use the community development approach to run a pre-school nutrition programme . . . and a project for the elderly programme.” Because both these programs receive donor funding, Mr. Hewawasam points to the fact that it is the “organizational capacity devel-

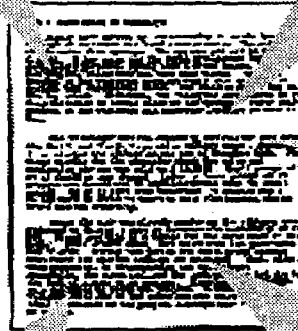


Technicians and villagers together construct a ferro-cement storage tank.

"The first meeting for the community about the water and sanitation project was held on 9/12/1992. Small groups of 10-15 families were formed. . . . On 15.12.1992 four volunteers were selected to function as a link between the PO staff and the community."

[Some villagers] asked, "can we do what the government has to do?' During this period the small group [of volunteers] went round the village creating an awareness. Their efforts were successful in counteracting the criticisms."

Case Study of a pre-project pilot in Dandeniya, Sri Lanka (provided by the CWSSP)



"Construction on the new water scheme commenced on 24.1.1994."

"As a result of the water scheme the land prices at Dandeniya have increased. The villagers now cultivate vegetables and have an increased income. The villagers also cooperated to repair the approach road to the village. The project has served to unite the villagers and also to realize the potential of community cooperation."

"The constructions were completed for 33% less than the estimated cost. The construction was completed in the estimated five months."