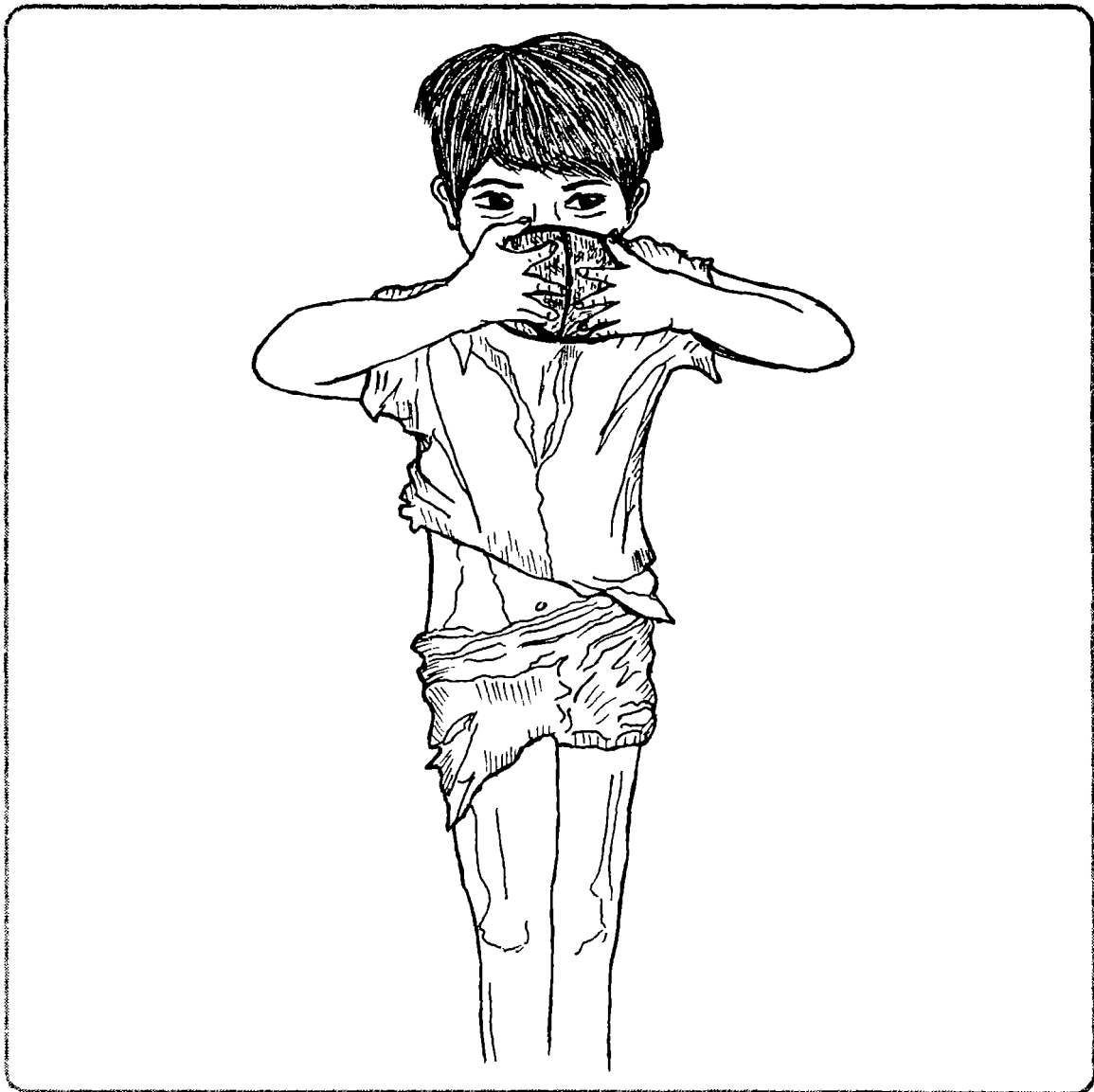


Directory of Water Supply & Sanitation Projects in Cambodia



1994

Water & Sanitation Sector Group





INTRODUCTION

This first issue of the *Directory of Water and Sanitation Projects in Cambodia* was produced on the initiative of the Water and Sanitation Sector Group. Financial support by the Overseas Development Administration of the United Kingdom to make publication possible is gratefully acknowledged.

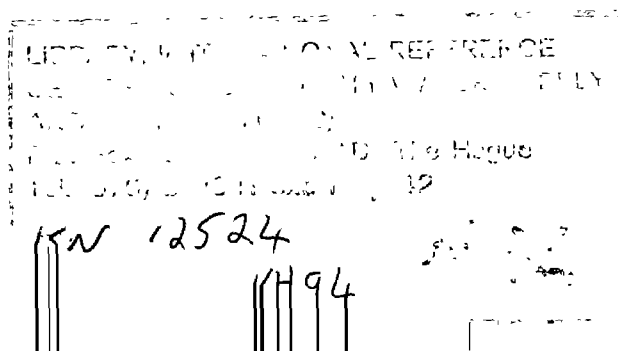
This directory provides an overview of all water supply and sanitation projects in Cambodia supported by Non-Governmental Organisations (NGO's), United Nations agencies and Local Initiative Groups (LIG's). With the continuing growth and changes taking place in the sector it is felt that such an overview will provide useful information to the Cambodian government, agencies already working in the sector, and those agencies planning to do so in the future. To facilitate easy access to the collected information it is organized and printed in a variety of different ways, including maps of Cambodia with selected data. Copies of this directory are available in both English and Khmer.

Although efforts are being made to find a national organisation to administer the database, at present the directory is being managed by Oxfam. Requests for printed copies of the directory, requests for inclusion, or changes to the information listed should be addressed to: WatSan Directory, c/o. Oxfam, Phnom Penh. It is anticipated that the directory will be updated on an annual basis.

Many efforts are being made by many organisations to assist the Cambodian people in securing potable water, and sanitation facilities. But let us not forget that resources are finite, and we, as implementing agencies, owe it to our project partners not to waste those limited resources available. Duplication of effort and waste of resources is prevented where activities are coordinated between the relevant government departments and all implementing agencies. I sincerely hope that this directory will be a useful tool in helping that coordination to take place.

Finally, I would like to thank Peter Frecklington for collecting and organizing all information contained in this directory, and all others who gave generously of their time to make publication of this directory a possibility.

Jan-Willem Rosenboom,
Chairman Water and Sanitation Sector Group,
July 1994.



How to use this book

The *first section* features the major activities in water and sanitation with province maps showing district level detail. This is followed by a short section of general statistics derived from the survey data.

The *middle sections* provide several sources for finding information by reference to province or specific area of activity.

From there, reference can be made to the *final section*, which gives the full details of each project listed by implementing agency.

Preface

The aim in publishing the data from this survey of activities in water and sanitation is to present as large an amount of factual information as possible. To this end, the data is presented in a very abbreviated, even truncated, form. This is unavoidable and there is no apology for this. However, apologies to those agencies who may feel that this style of presentation has tended to misrepresent the nature of their project.

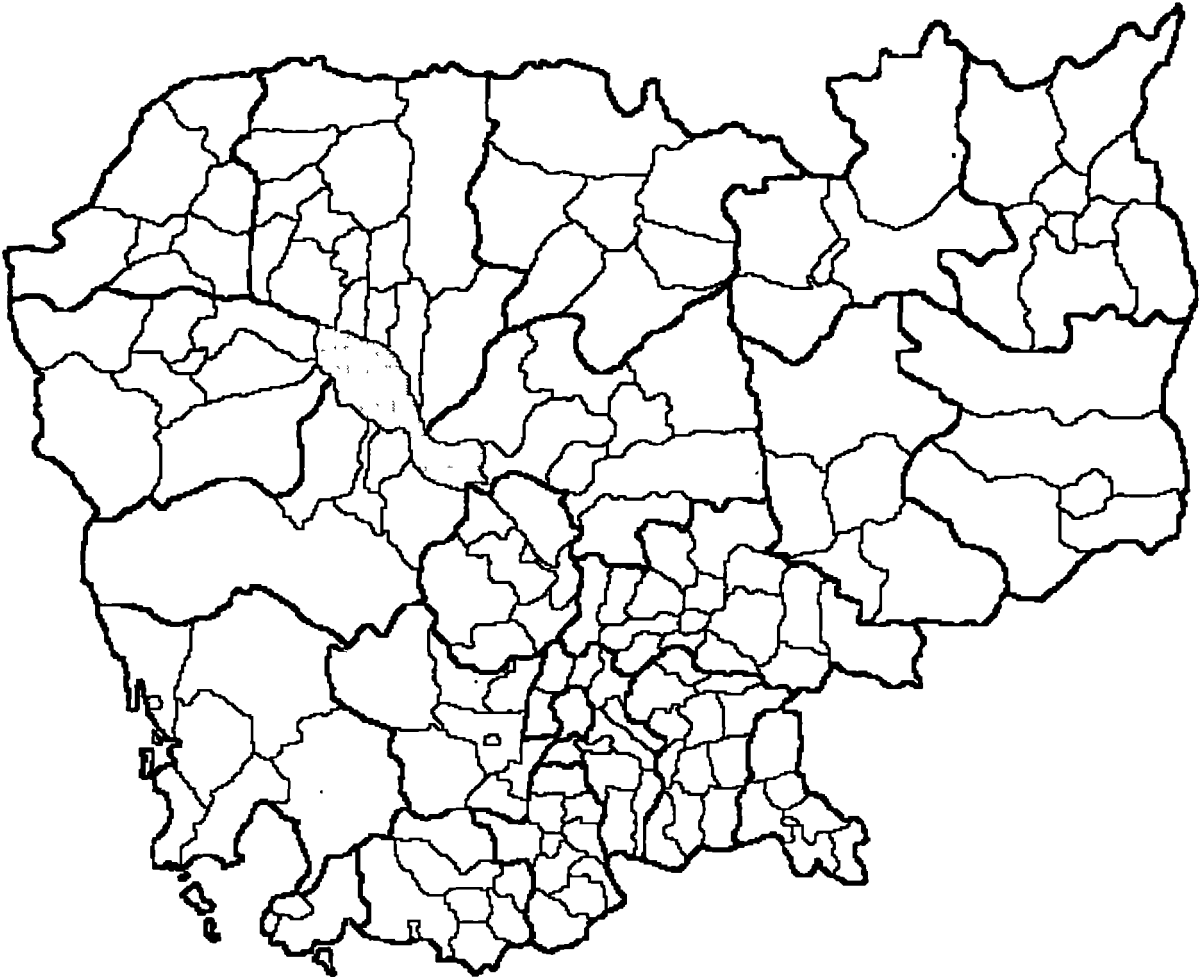
Survey Coordinator
Peter Frecklington
Tonie's Typesetting

SURVEY OF NGO AND IO ACTIVITY IN THE WATER AND SANITATION SECTOR

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Please note

Please note that the shading of a particular district is *not* meant to imply that the activity represented has a blanket coverage for that district. It represents *some* activity, which can vary from minor to substantial, and may affect all villages or only one

Please note that the following maps of the districts are *schematic*. Seek larger maps for more accurate details of district boundaries.

Banteay Mean Chey

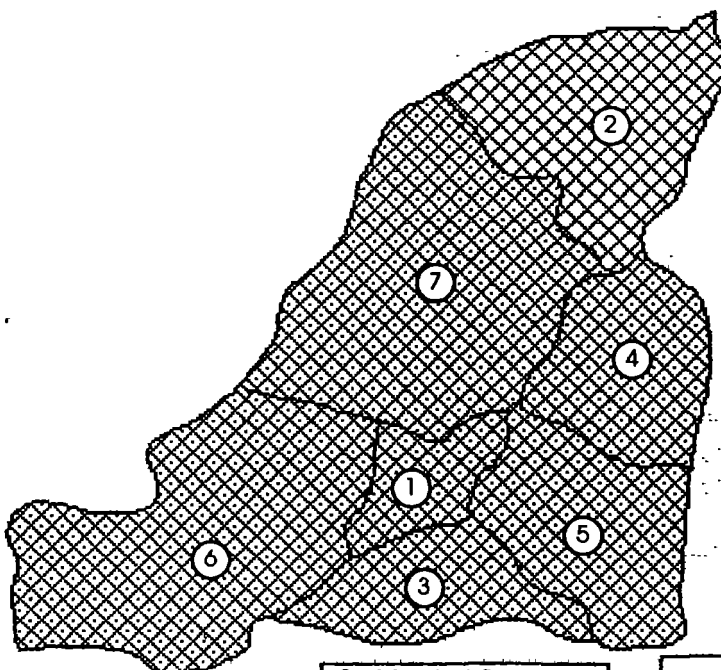
Water Supply

7 Thmar Puork			
WE	R	G	ACR
	R	G	CRC
		G	CARERE
		G	Concern
WE	R	G	Oxfam
	R		CARE

1 Sisophon			
WE	R	G	ACR
	R	G	CRC
		G	CARERE
WE	R	G	CARE
WE	R	G	Concern
WE	R	G	Oxfam

6 Serey Sophorn			
WE	R	G	ACR
		G	CARERE
WE	R	G	Concern
	R	G	CRC

Other projects in this province in water supply			
WE			CARERE
WE		G	UNICEF
	R	G	WFP



2 Banteay Ampil			
	R	G	CRC
		G	CARERE

4 Phnom Srok			
WE	R	G	ACR
		G	CARERE
WE	R	G	Concern

5 Preah Net Preah			
WE	R	G	ACR
	R	G	CRC
		G	CARERE
WE	R	G	CARE
WE	R	G	Concern
WE	R	G	Oxfam

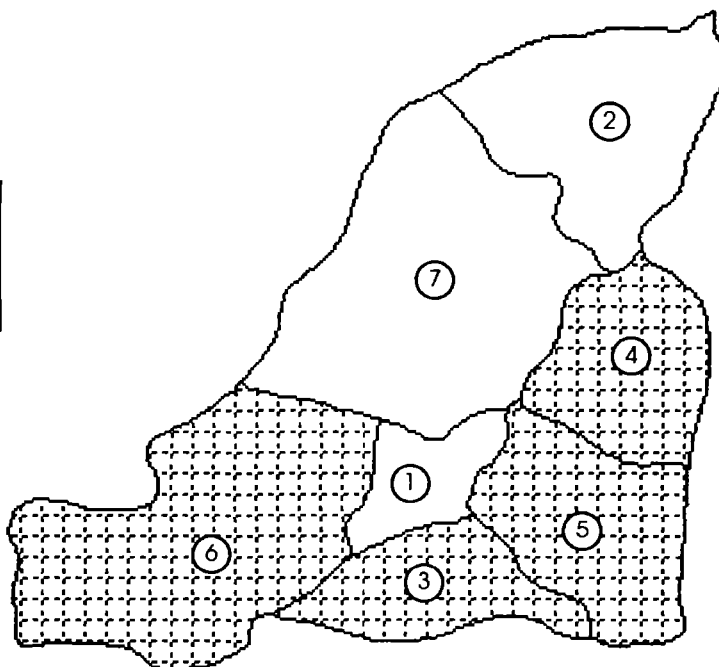
3 Mongkol Borei			
WE	R	G	ACR
		G	CARERE
	R		CARE
WE	R	G	Concern
WE	R	G	Oxfam

KEY		Area of activity
	G	ground water
	R	rain water
	WE	water use education

Sanitation

Other districts	
1	Sisophon
2	Banteay Ampil
3	Thmar Puork

6 Serey Sophorn		
SE	S	Concern



4 Phnom Srok		
SE	S	Concern

5 Preah Net Preah		
SE	S	Concern

3 Mongkol Borei		
SE	S	Concern

KEY		Area of activity
	S	sanitation
	SE	sanitation education

Other projects in this province in sanitation		
	S	ICRC - Sisophon Town
SE	S	UNICEF
	S	WFP

Battambang

Water Supply

4 Bavel			
WE	R	G	Oxfam
WE	R	G	ACR

2 Banan			
WE	R	G	WVI
WE	R	G	Oxfam
WE		G	CARE

1 Battambang Town			
	R	G	CRC
WE	R	G	WVI
WE	R	G	Oxfam
WE	R	G	CARE

7 Ratanak Mondul			
	R	G	CRC
WE	R	G	WVI

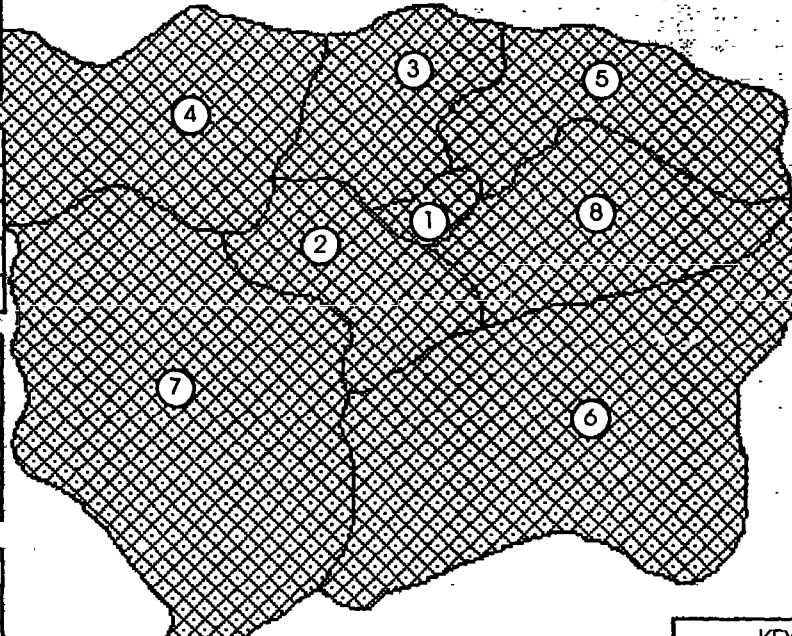
Other projects in this province in water supply			
	R	G	CARERE
WE		G	UNICEF
	R	G	WFP

6 Mong Russey			
	R	G	CRC
WE	R	G	IRC
WE	R	G	ACR

3 Battambang District			
	R	G	CRC
WE	R	G	IRC
WE	R	G	Oxfam
WE	R	G	CARE
WE	R	G	ACR

5 Ek Phnom			
	R	G	CRC
WE	R	G	Oxfam
WE		G	CARE
	R	G	CARERE
WE	R	G	ACR

8 Sang Ke			
WE	R	G	IRC
WE	R	G	Oxfam
WE		G	CARE
WE	R	G	ACR



KEY		Area of activity
	G	ground water
	R	rain water
	WE	water use education

Sanitation

3 Battambang District		
SE	S	IRC

1 Battambang Town		
SE	S	WVI
SE	S	SAWA

2 Banan		
SE	S	WVI

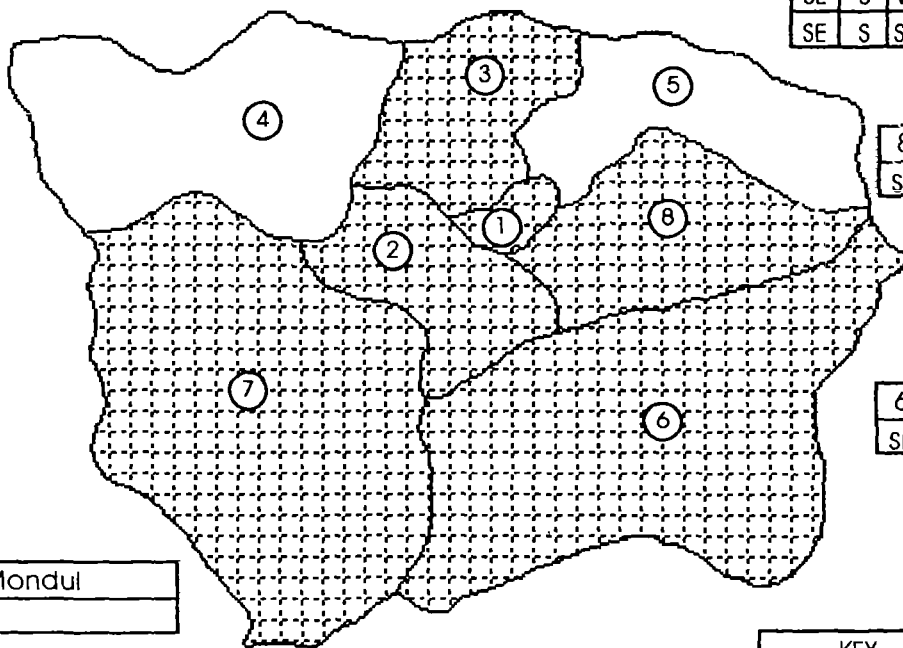
7 Rattanak Mondul		
SE	S	WVI

Other projects in this province in sanitation		
	S	ICRC - Battambang Town
SE	S	UNICEF
	S	WFP

8 Sang Ke		
SE	S	IRC

6 Moug Russey		
SE	S	IRC

Other districts	
4	Bavel
5	Ek Phnom



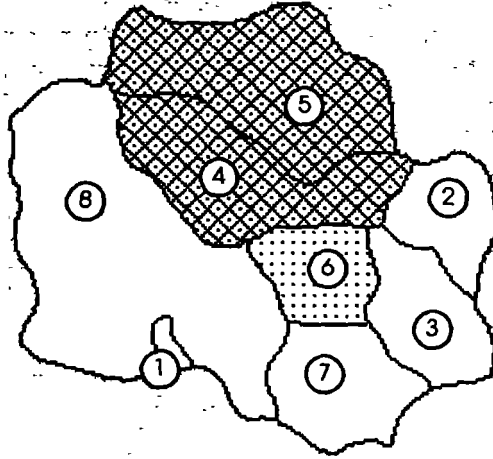
KEY		Area of activity
	S	sanitation
	SE	sanitation education

Kampot

Water Supply

4 Chhouk			
	R	G	CRC
WE			FHI

5 Chum Kiri			
	R	G	CRC
WE		G	CIDES
WE			FHI



6 Dang Tung			
WE			FHI

Other districts	
1	Kampot Town
2	Angkor Chey
3	Banteay Meas
7	Kompong Trach
8	Kampot District

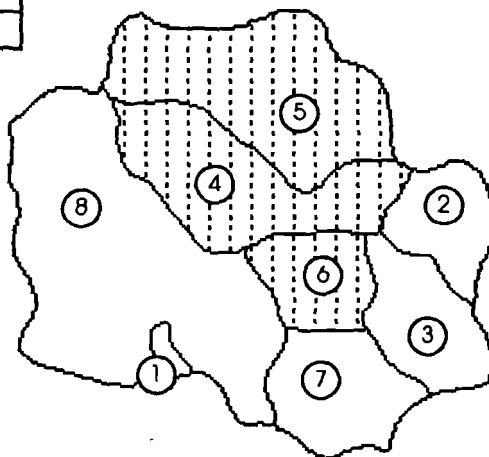
Other projects in this province in water supply			
WE		G	UNICEF
	R	G	WFP

KEY		Area of activity
	G	ground water
	R	rain water
	WE	water use education

Sanitation

4 Chhouk		
SE		FHI

5 Chum Kiri		
SE		FHI



6 Dang Tung		
SE		FHI

Other districts	
1	Kampot Town
2	Angkor Chey
3	Banteay Meas
7	Kompong Trach
8	Kampot District

Other projects in this province in sanitation			
	S		ICRC - Kampot Town
SE	S		UNICEF
	S		WFP

KEY		Area of activity
	S	sanitation
	SE	sanitation education

Kandal

Water Supply

10 Ponhea Leu			
	R	G	CRC
WE		G	GRET
WE		G	LWS

8 Muk Kampoul			
	R	G	CRC
WE		G	CIDSE

9 Phnom Penh District			
WE		G	GRET
WE		G	JVC
WE	R	G	JRS
WE		G	LWS
WE	R	G	WVI

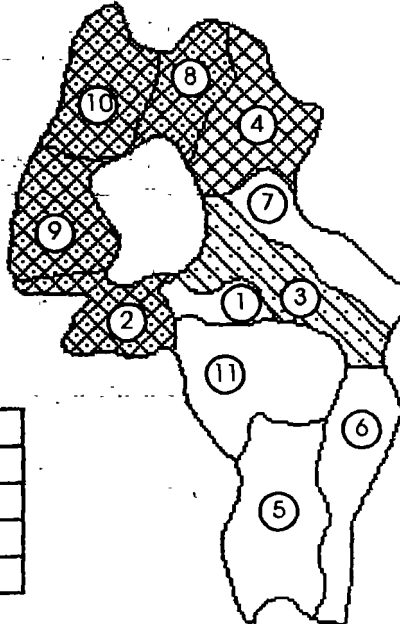
4 Khsach Kandal			
	R	G	CRC

3 Kien Svay			
		G	CWS
WE		G	GRET

2 Kandal Stung			
WE		G	24 Hr TV
	R	G	CRC
WE	R	G	WSO
WE	R	G	WVI

Other districts	
1	Takhmau
5	Koh Thom
6	Leuk Dek
7	Lvea Em
11	Saang

Other projects in this province in water supply			
			LWS
WE		G	UNICEF
WE			World Education
	R	G	WFP



KEY Area of activity	
	G ground water
	R rain water
	WE water use education

Sanitation

10 Ponhea Leu		
SE		LWS

8 Muk Kampoul		
SE	S	CIDSE

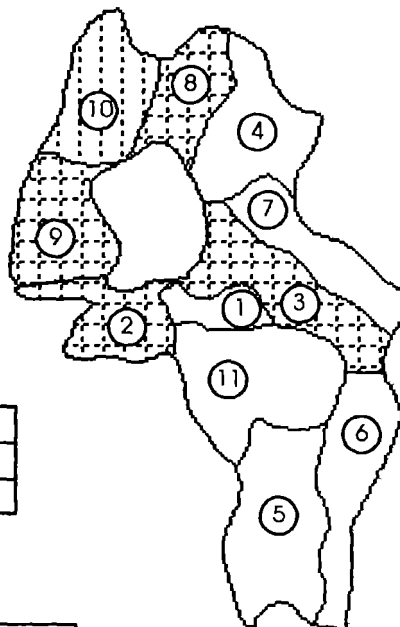
9 Phnom Penh District		
SE		JVC
SE		JRS
SE		LWS
SE	S	WVI

3 Kien Svay		
SE	S	CWS

2 Kandal Stung		
SE	S	WSO
SE	S	WVI

Other districts	
1	Takhmau
4	Khsach Kandal
5	Koh Thom
6	Leuk Dek
7	Lvea Em
11	Saang

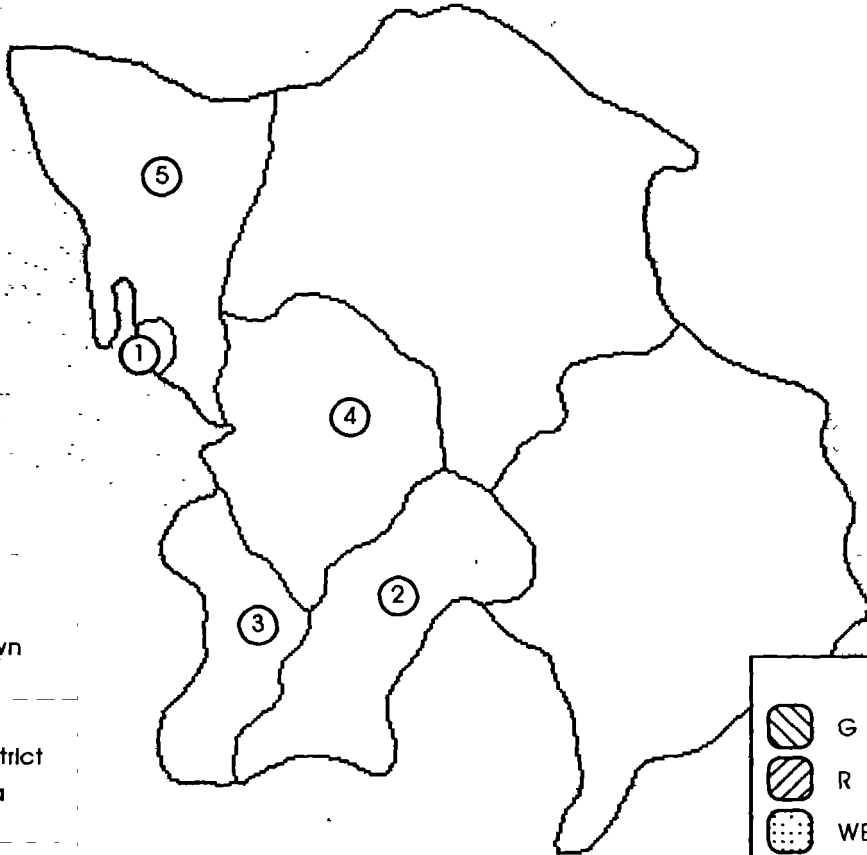
Other projects in this province in sanitation			
			LWS
SE	S		UNICEF
SE			World Education
	S		WFP



KEY Area of activity	
	S sanitation
	SE sanitation education

Koh Kong

Water Supply

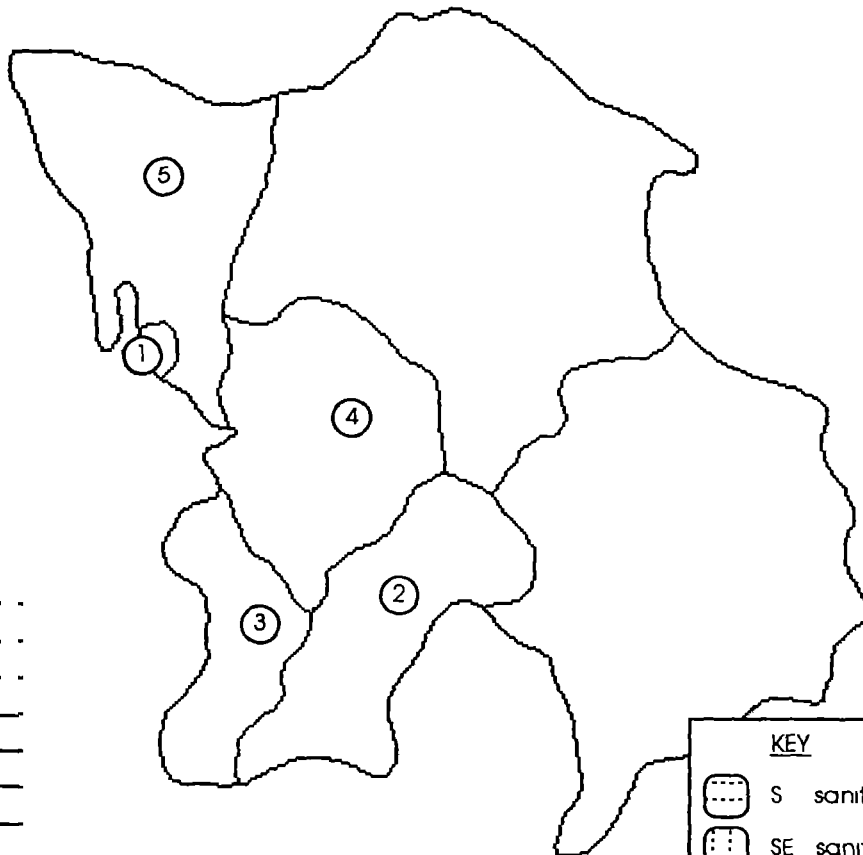


Other districts

- Koh Kong Town
- Botum Sakor
- Kiri Sakor
- Koh Kong District
- Mondul Sema
- Sre Ambel
- Thmar Baing

Area of activity	
G	ground water
R	rain water
WE	water use education

Sanitation



Other districts

1	Koh Kong Town
2	Botum Sakor
3	Kiri Sakor
4	Koh Kong District
5	Mondul Sema
6	Sre Ambel
7	Thmar Baing

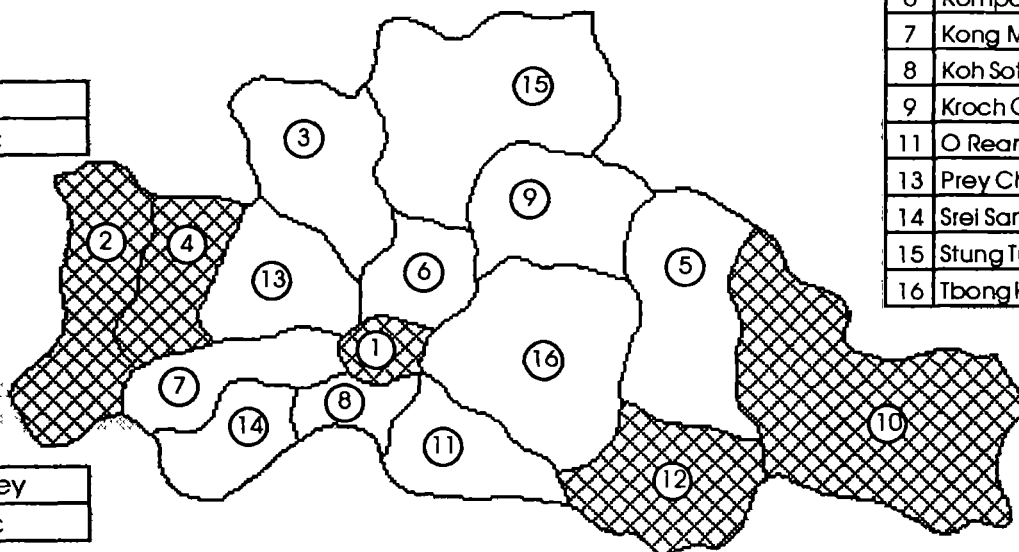
KEY Area of activity	
S	sanitation
SE	sanitation education

Kompong Cham

Water Supply

Other districts	
3	Chamkar Leu
5	Dambe
6	Kompong Siem
7	Kong Meas
8	Koh Sotin
9	Kroch Chhmar
11	O Reang Ov
13	Prey Chhor
14	Srei Santhor
15	Stung Trang
16	Tbong Khmum

2	Batheay		
	R	G	CRC



4	Cheung Prey		
	R	G	CRC

1	Kompong Cham Town		
		G	CAMA

12	Ponhea Krek		
	R	G	CRC

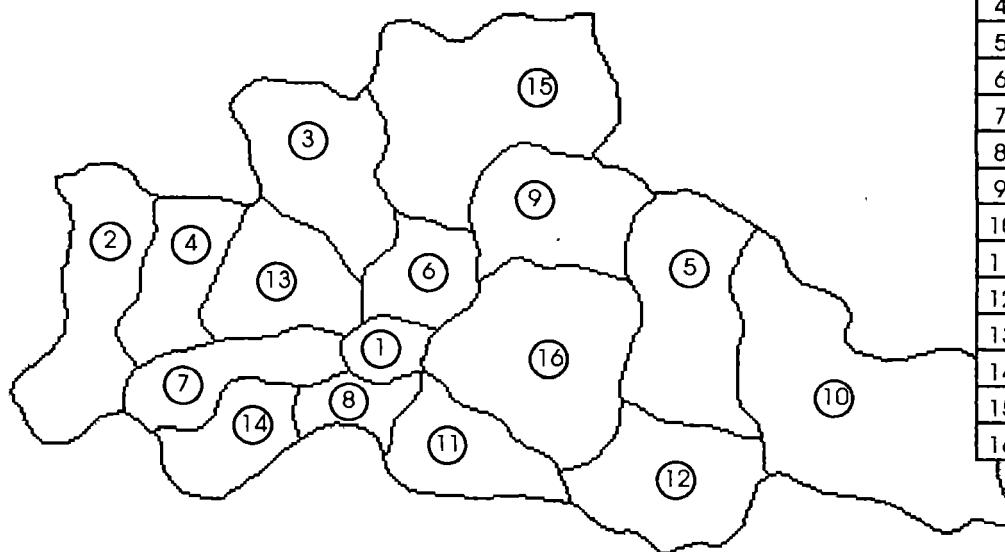
10	Memot		
	R	G	CRC

Other projects in this province in water supply			
WE		G	UNICEF
	R	G	WFP

KEY		Area of activity
	G	ground water
	R	rain water
	WE	water use education

Sanitation

Other districts	
1	Kompong Cham
2	Batheay
3	Chamkar Leu
4	Cheung Prey
5	Dambe
6	Kompong Siem
7	Kong Meas
8	Koh Sotin
9	Kroch Chhmar
10	Memot
11	O Reang Ov
12	Ponhea Krek
13	Prey Chhor
14	Srei Santhor
15	Stung Trang
16	Tbong Khmum



Other projects in this province in sanitation			
SE	S		UNICEF
	S		WFP

KEY		Area of activity
	S	sanitation
	SE	sanitation education

Kompong Chhnang

Water Supply

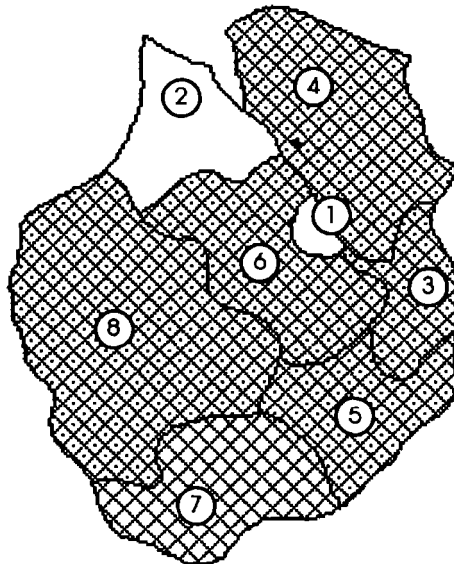
4 Kompong Leng			
WE	R	G	IRC

6 Rolea Phiear			
	R	G	CRC
		G	Concern
WE	R	G	IRC

3 Chul Kiri			
WE	R	G	IRC

8 Tuk Phos			
	R	G	CRC
WE	R	G	IRC

5 Kompong Tralach			
WE	R	G	WVI



Other districts	
1	Kompong Chhnang Town
2	Baribo

7 Samaki Meanchey			
	R	G	CRC

Other projects in this province in water supply			
WE		G	UNICEF
	R	G	WFP

KEY		Area of activity	
	G	ground water	
	R	rain water	
	WE	water use education	

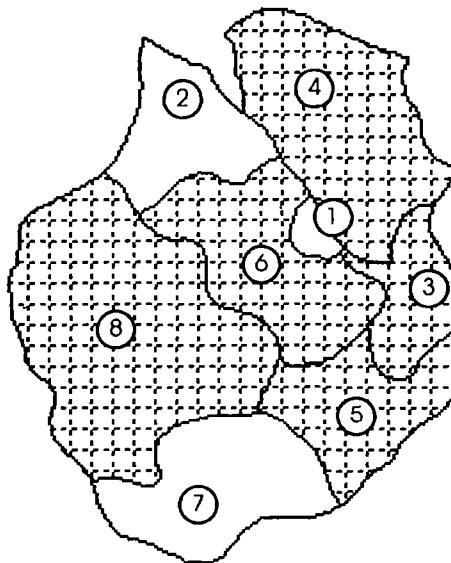
Sanitation

4 Kompong Leng		
SE	S	IRC

6 Rolea Phiear		
SE	S	IRC

3 Chul Kiri		
SE	S	IRC

8 Tuk Phos		
SE	S	IRC



Other districts	
1	Kompong Chhnang Town
2	Baribo
7	Samaki Meanchey

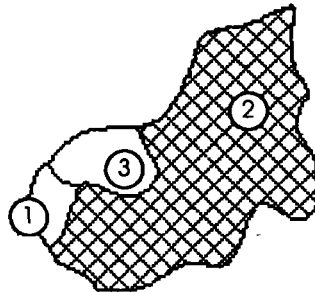
5 Kompong Tralach		
SE	S	WVI

Other projects in this province in sanitation			
	S	ICRC - Kompong Chhnang Town	
SE	S	UNICEF	
	S	WFP	

KEY		Area of activity	
	S	sanitation	
	SE	sanitation education	

Kompong Som (Sihanoukville)

Water Supply



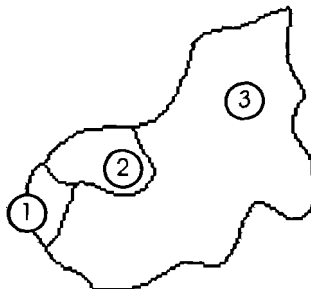
2 Prey Nup		
R	G	CRC

Other districts	
1	Mittapeap
3	Stung Hav

Other projects in this province in water supply			
WE			UNDP
	R	G	WFP

KEY		Area of activity
	G	ground water
	R	rain water
	WE	water use education

Sanitation



Other districts	
1	Mittapeap
2	Prey Nup
3	Stung Hav

Other projects in this province in sanitation		
	S	ICRC - Sihanoukville Town
	S	WFP

KEY		Area of activity
	S	sanitation
	SE	sanitation education

Kompong Speu

Water Supply

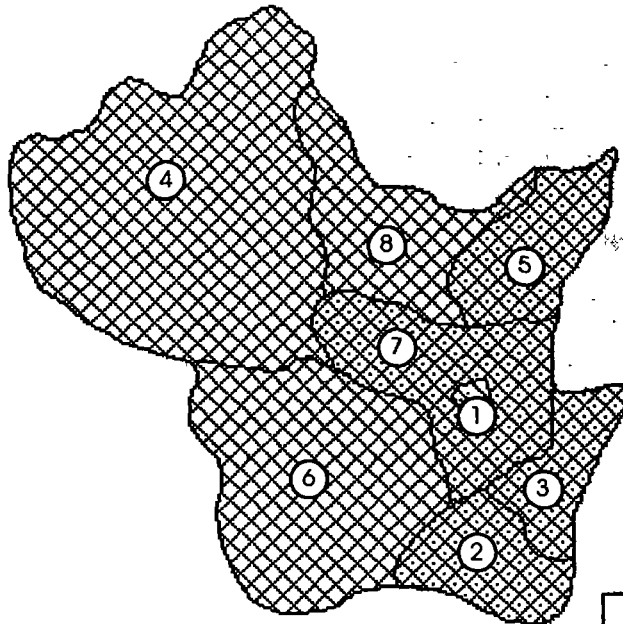
8 Thpong		
R	G	CRC

4 Oral		
R	G	CRC

1 Kompong Speu		
WE	G	LWS

6 Phnom Sruoch		
R	G	CRC

Other projects in this province in water supply		
R	G	WFP



2 Baset		
R	G	CRC
WE	G	LWS

5 Oudong		
WE		Aust Red Cross
	R	G CRC
WE		G LWS
WE	R	G WVI

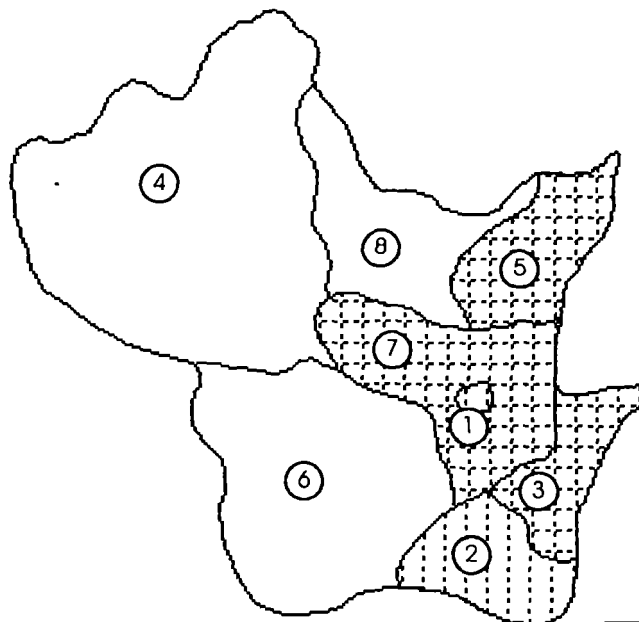
7 Samrong Tong		
WE	R	G Concern
WE		G GRET
WE		G LWS
WE		G UNICEF

3 Kong Plsey		
	R	G CRC
WE		G LWS
WE	R	G Redd Barna

KEY Area of activity

- G ground water
- R rain water
- WE water use education

Sanitation



Other districts	
4	Oral
6	Phnom Sruoch
8	Thpong

Other projects in this province in sanitation	
S	WFP

2 Baset	
SE	LWS

5 Oudong	
SE	Aust Red Cross
SE	LWS
SE	S WVI

7 Samrong Tong	
SE	S Concern
SE	LWS
SE	S UNICEF

1 Kompong Speu	
SE	LWS

3 Kong Plsey	
SE	LWS
SE	S Redd Barna

KEY Area of activity

- S sanitation
- SE sanitation education

Kompong Thom

Water Supply

4 Prasat Balang			
WE	R	G	ASB
	R	G	CRC
WE	R	G	WVI

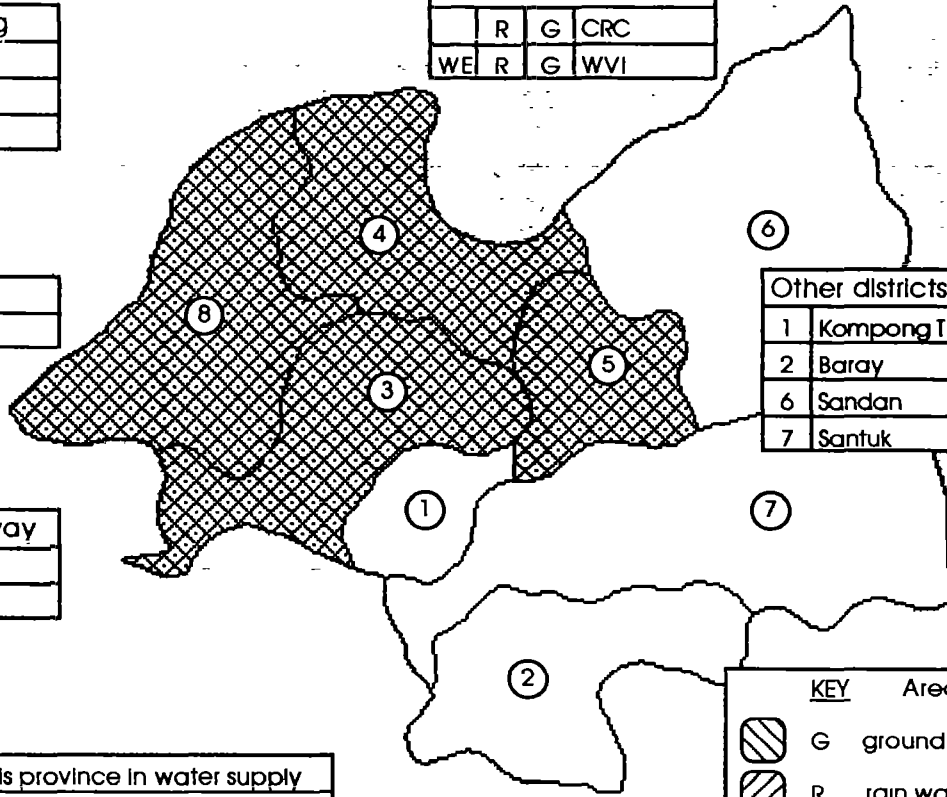
5 Prasat Sambo			
	R	G	CRC
WE	R	G	WVI

8 Stung			
WE	R	G	ASB

3 Kompong Svay			
WE	R	G	ASB
	R	G	CRC

Other projects in this province in water supply			
	R	G	Maryknoll
WE		G	UNICEF
	R	G	WFP

Other districts	
1	Kompong Thom Town
2	Baray
6	Sandan
7	Santuk



KEY		Area of activity
	G	ground water
	R	rain water
	WE	water use education

Sanitation

5 Prasat Sambo		
SE	S	WVI

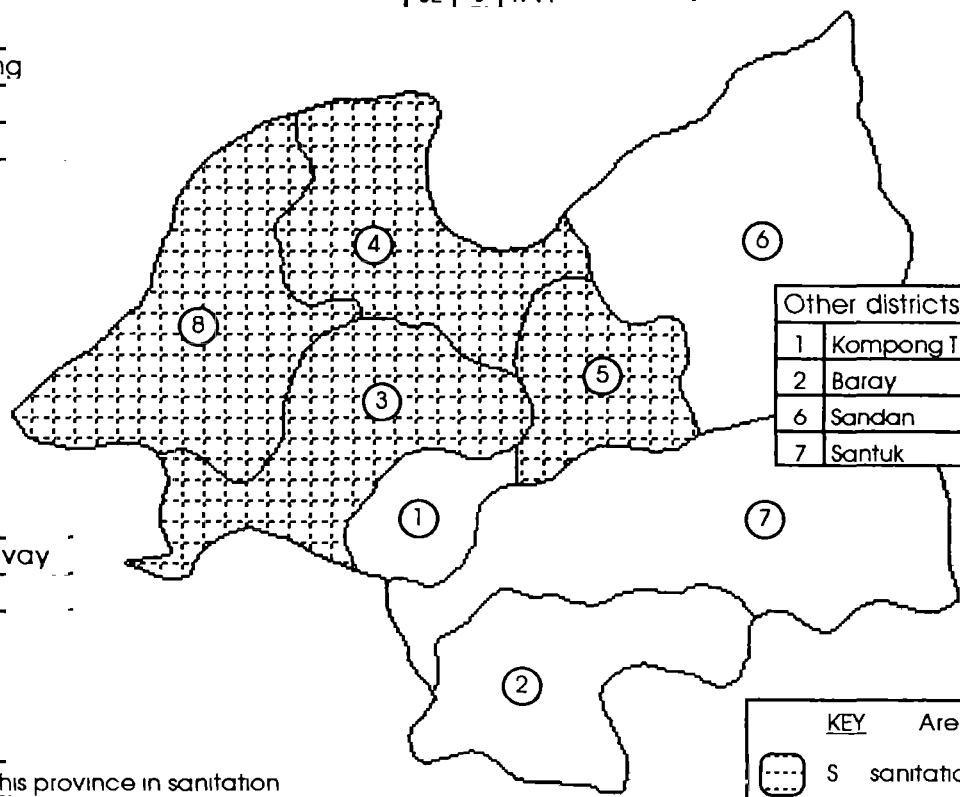
4 Prasat Balang		
SE	S	ASB
SE	S	WVI

8 Stung		
SE	S	ASB

3 Kompong Svay		
SE	S	ASB

Other projects in this province in sanitation		
SE	S	UNICEF
	S	WFP

Other districts	
1	Kompong Thom Town
2	Baray
6	Sandan
7	Santuk

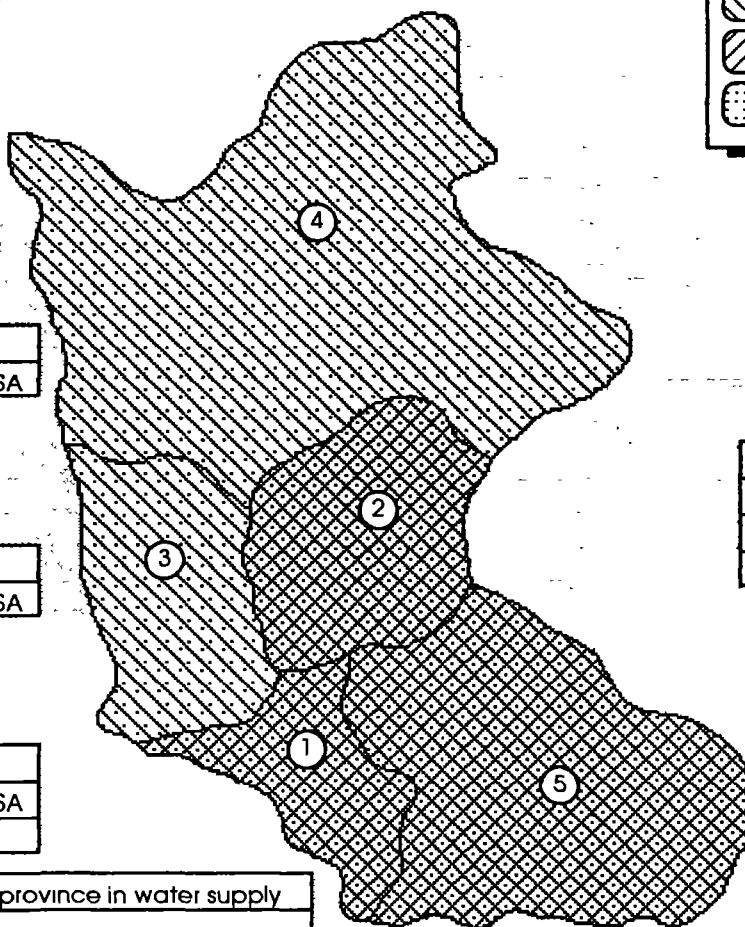


KEY		Area of activity
	S	sanitation
	SE	sanitation education

Kratie

Water Supply

KEY		Area of activity
	G	ground water
	R	rain water
	WE	water use education



4 Sambo		
WE	G	AICF / USA

3 Prek Prasap		
WE	G	AICF / USA

1 Chhlong		
WE	G	AICF / USA
WE	R	G
		RDPC

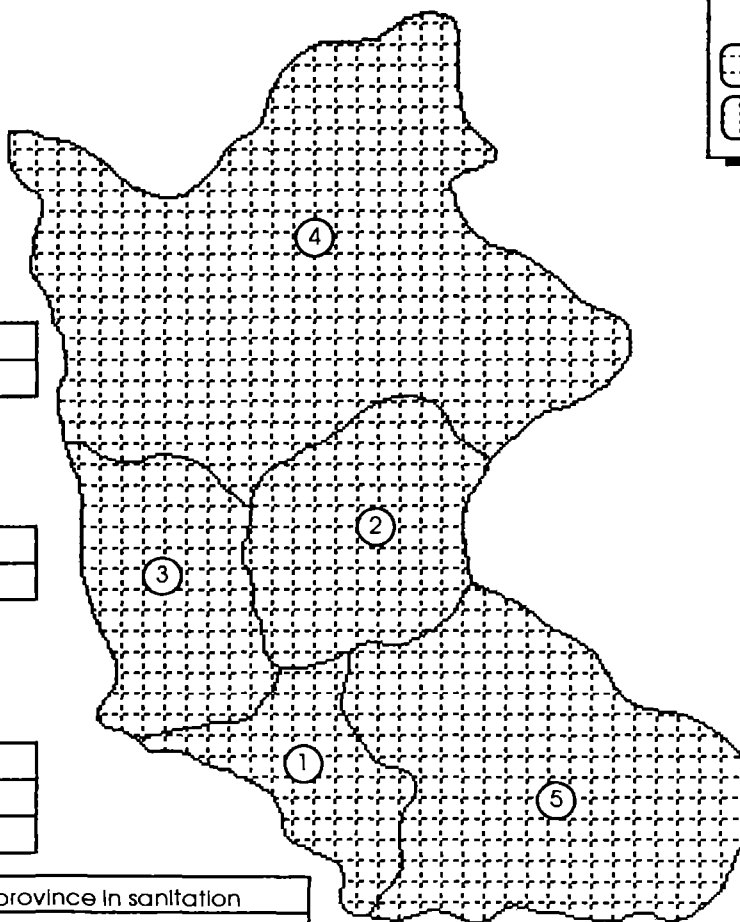
Other projects in this province in water supply		
	R	G
		WFP

2 Kratie		
WE	G	AICF / USA
WE		CARE
WE	R	G
		RDPC

5 Snuol		
WE	G	AICF / USA
	R	G
		CRC
WE		CARE

Sanitation

KEY		Area of activity
	S	sanitation
	SE	sanitation education



4 Sambo		
SE	S	AICF / USA

3 Prek Prasap		
SE	S	AICF / USA

1 Chhlong		
SE	S	AICF / USA
SE	S	RDPC

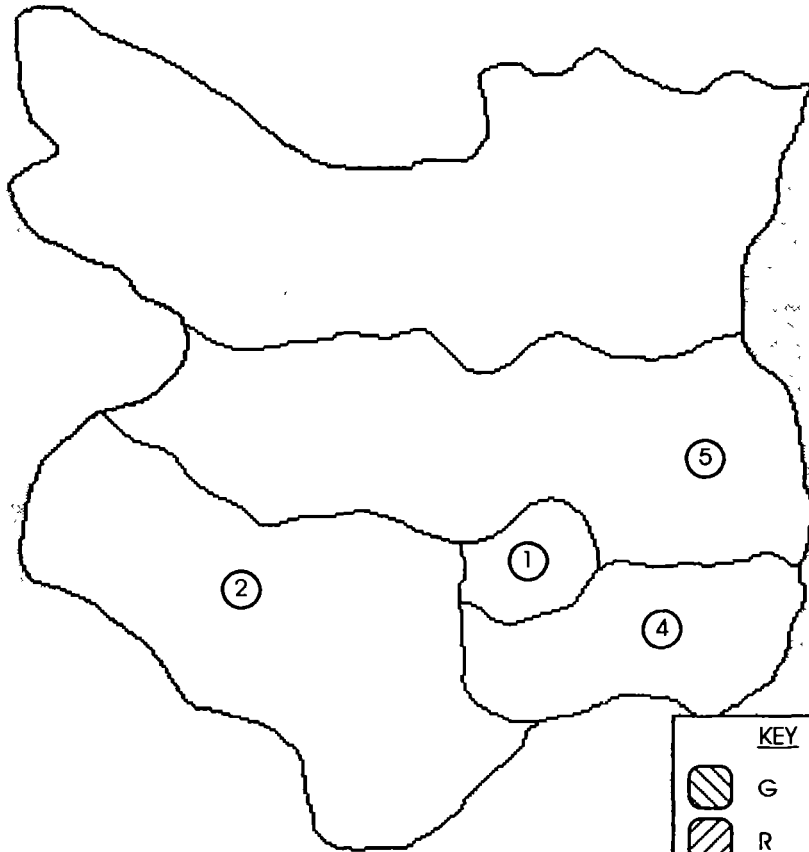
Other projects in this province in sanitation		
	S	WFP

2 Kratie		
SE	S	AICF / USA
SE	S	RDPC

5 Snuol		
SE	S	AICF / USA

Mondulkiri

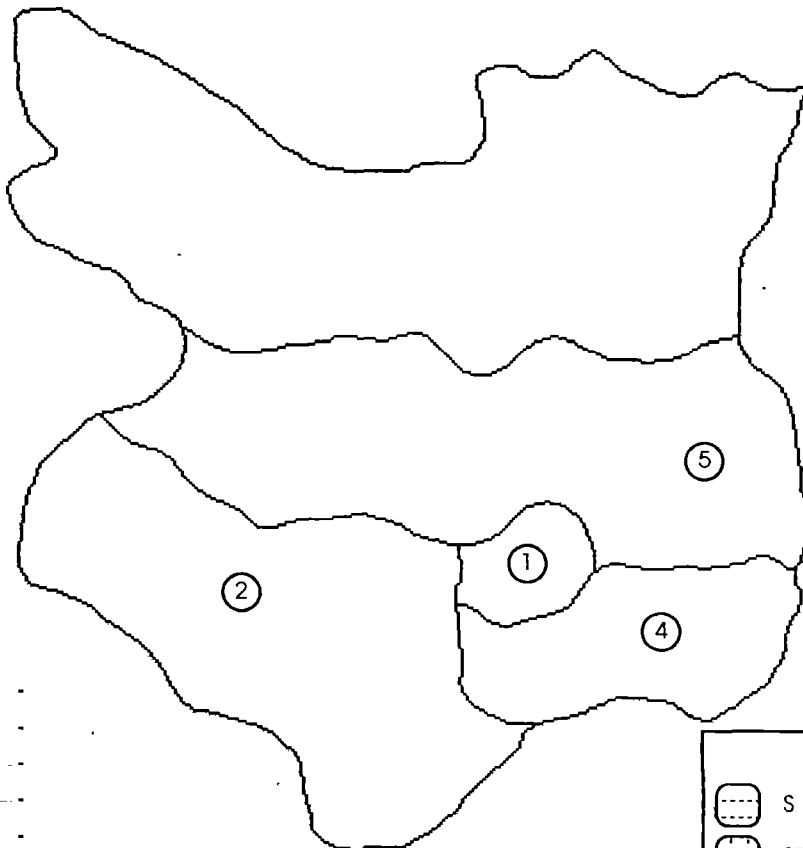
Water Supply



Other districts	
1	Sen Monorom
2	Keo Sema
3	Koh Nhek
4	O Reang
5	Pich Roda

KEY	Area of activity
	G ground water
	R rain water
	WE water use education

Sanitation



Other districts	
1	Sen Monorom
2	Keo Sema
3	Koh Nhek
4	O Reang
5	Pich Roda

Area of activity	
	S sanitation
	SE sanitation education

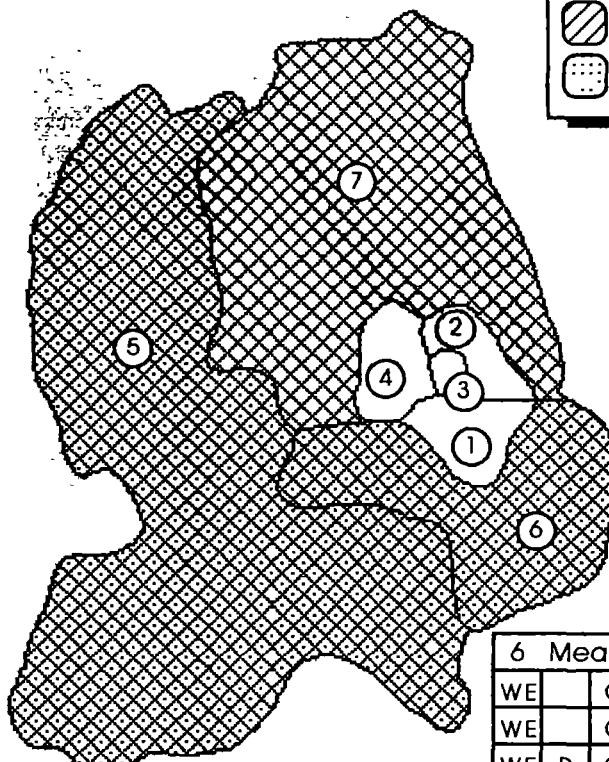
Phnom Penh

Water Supply

KEY		Area of activity
	G	ground water
	R	rain water
	WE	water use education

5 Dangkor			
	R	G	CRC
WE		G	GRET
WE	R	G	Redd Barna

7 Russey Keo			
	R	G	CRC



Other districts	
1	Chamkar Mon
2	Daun Penh
3	Prampi Makara
4	Tuol Kork

6 Mean Chey		
WE		G Enfants du Cambodge
WE		G GRET
WE	R	G Redd Barna

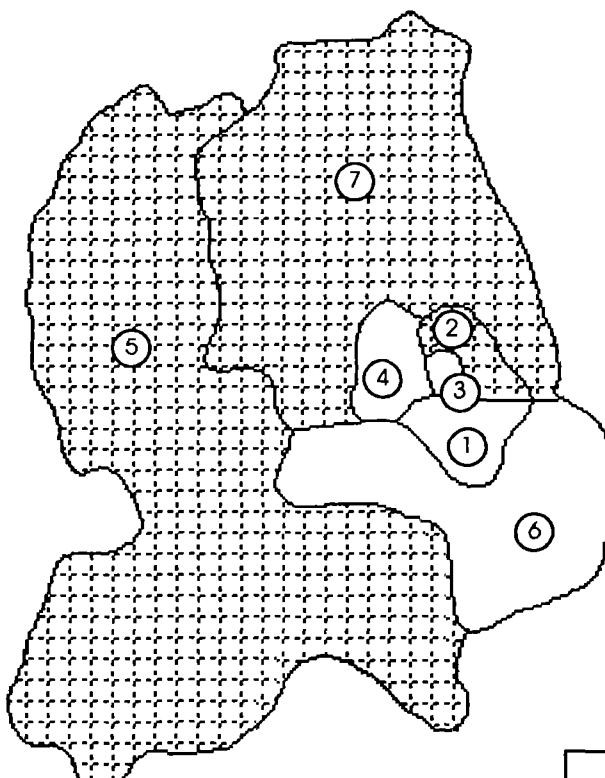
Other projects in this province in water supply			
WE		G	UNICEF
WE			UNDP
	R	G	WFP

Sanitation

7 Russey Keo		
SE	S	PADEK

5 Dangkor		
SE	S	Redd Barna

2 Daun Penh		
SE	S	PADEK



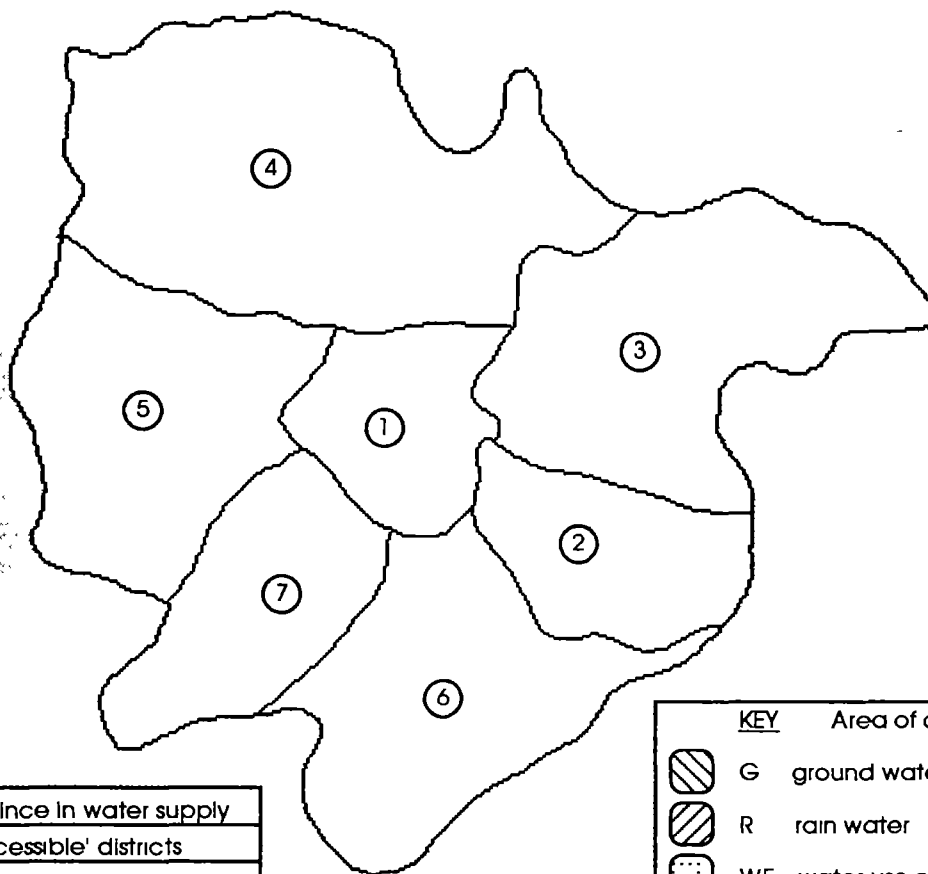
Other districts	
1	Chamcar Mon
3	Prampi Makara
4	Tuol Kork
6	Mean Chey

Other projects in this province in sanitation			
	S		ICRC - Phnom Penh
SE	S		UNICEF
	S		WFP

KEY		Area of activity
	S	sanitation
	SE	sanitation education

Preah Vihear

Water Supply

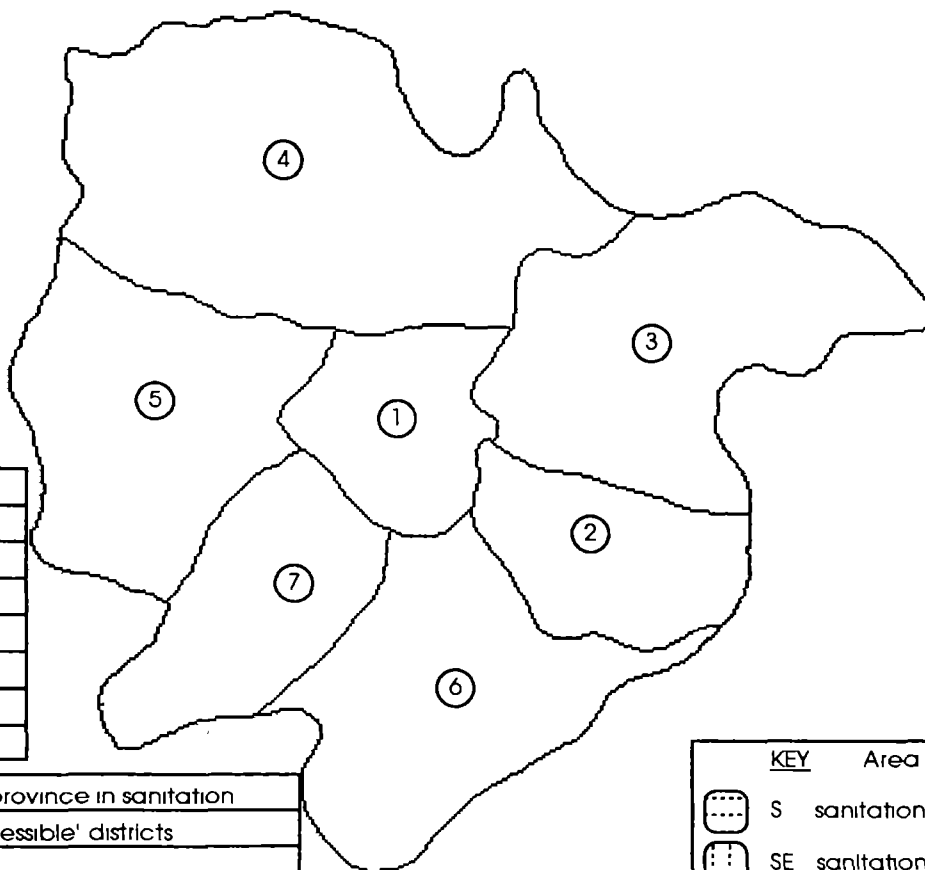


Other districts	
1	Tbeng Meanchey
2	Chey Sen
3	Chhep
4	Chom Khsan
5	Koulen
6	Rovieng
7	Sangkum Thmey

Other projects in this province in water supply			
	R	G	AICF - in 'accessible' districts
WE		G	UNICEF
	R	G	WFP

KEY		Area of activity
	G	ground water
	R	rain water
	WE	water use education

Sanitation



Other districts	
1	Tbeng Meanchey
2	Chey Sen
3	Chhep
4	Chom Khsan
5	Koulen
6	Rovieng
7	Sangkum Thmey

Other projects in this province in sanitation			
	S		AICF - in 'accessible' districts
SE	S		UNICEF
	S		WFP

KEY		Area of activity
	S	sanitation
	SE	sanitation education

Prey Veng

Water Supply

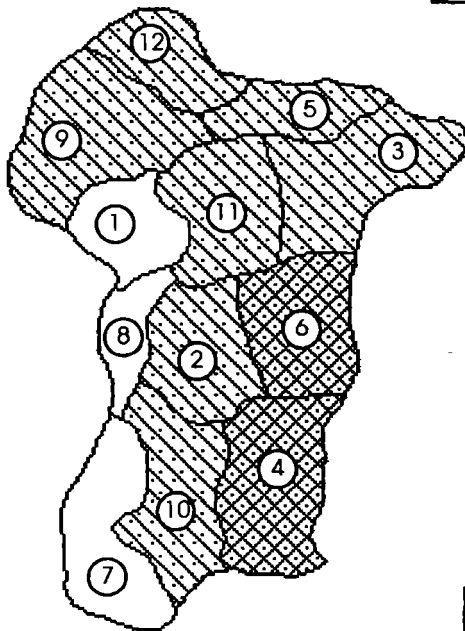
12 Sithor Kandal		
WE	G	GRET
WE	G	Oxfam

5 Kahn Chreach		
WE	G	GRET
WE	G	Oxfam

9 Peareang		
WE	G	GRET

11 Prey Veng District		
WE	G	COR
WE	G	GRET
WE	G	Oxfam

2 Ba Phnom		
WE	G	GRET
WE	G	Oxfam



3 Kamchey Mear		
WE	G	GRET

6 Mesang			
	R	G	CRC
WE		G	MCC
WE		G	Oxfam

4 Kompong Trabek			
	R	G	CRC
WE		G	GRET
WE		G	Oxfam

Other districts	
1	Prey Veng Town
7	Peam Chor
8	Peam Ro

10 Preah Sdech		
WE	G	Oxfam

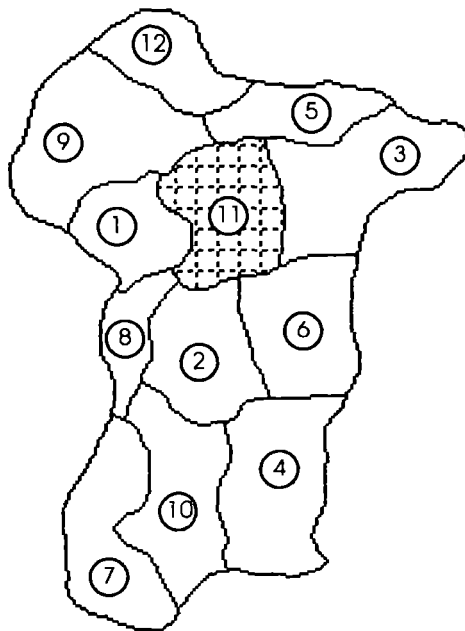
Other projects in this province in water supply			
WE	G	UNICEF	
	R	G	WFP

KEY Area of activity

- G ground water
- R rain water
- WE water use education

Sanitation

Other districts	
1	Prey Veng Town
2	Ba Phnom
3	Kamchay Mear
4	Kompong Trabek
5	Kanh Chreach
6	Mesang
7	Peam Chor
8	Peam Ro
9	Peareang
10	Preah Sdech
12	Sithor Kandal



11 Prey Veng District		
SE	S	COR

Other projects in this province in sanitation			
	S	ICRC - Prey Veng Town	
SE	S	UNICEF	
	S	WFP	

KEY Area of activity

- S sanitation
- SE sanitation education

Water Supply

Pursat

2 Bakan		
WE	R	G ACR
	R	G CRC
WE		G CARE
WE	R	G Concern
	R	G CARERE

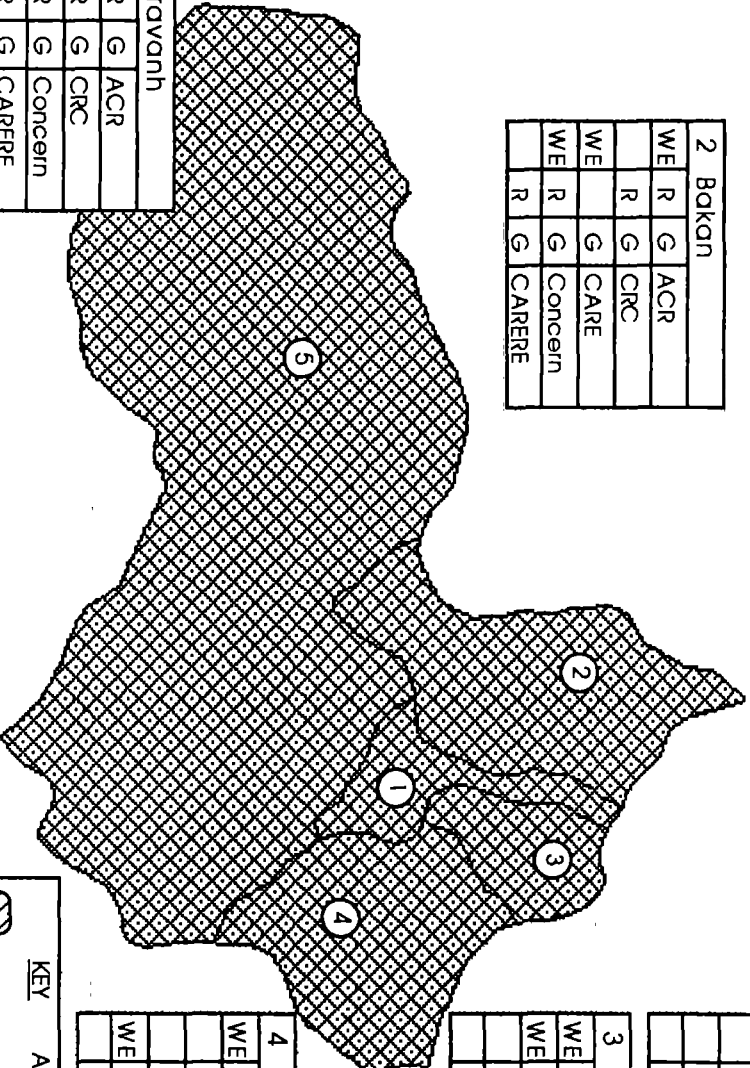
1 Pursat District		
WE	R	G ACR
	R	CCDP
	R	G CRC
	R	G CARERE

5 Kravanh		
WE	R	G ACR
	R	G CRC
WE	R	G Concern
	R	G CARERE

4 Krakor		
WE	R	G ACR
	R	CCDP
	R	G CRC
WE	R	G Concern
	R	G CARERE

Other projects in this province in water supply		
WE		G UNICEF
	R	G WFP
		SAWA - Pursat Town

KEY		Area of activity
	G	ground water
	R	rain water
	WE	water use education



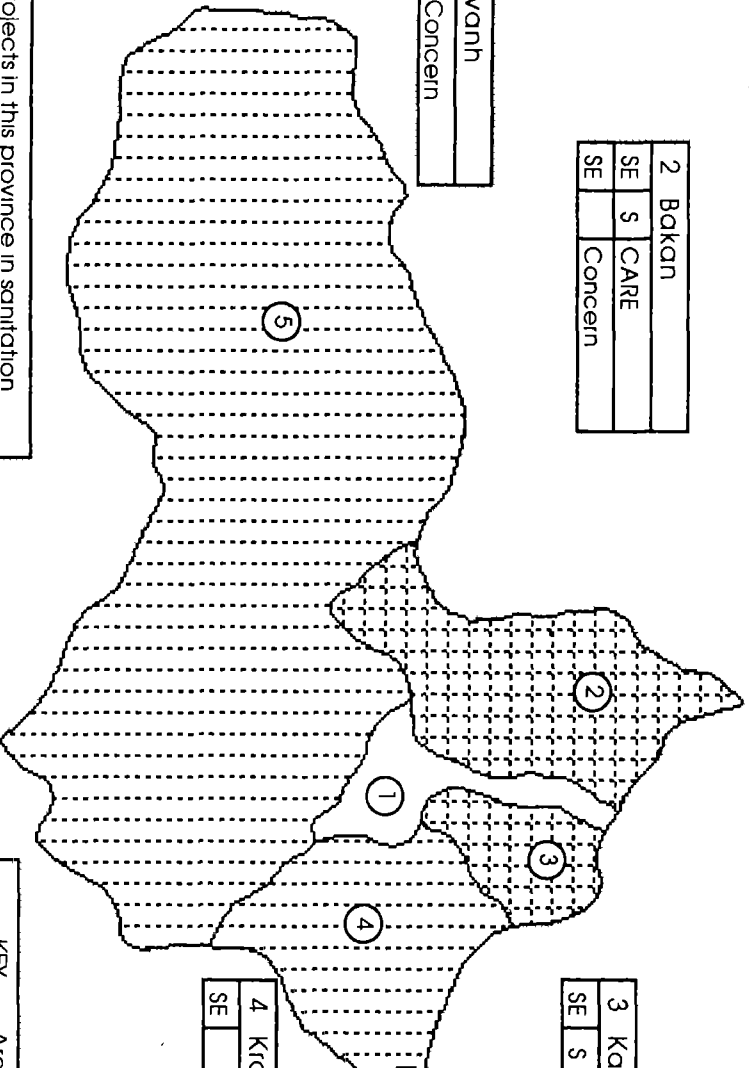
Sanitation

2 Bakan		
SE	S	CARE
SE		Concern

3 Kandlieng		
SE	S	ARC

5 Kravanh		
SE		Concern

4 Kikokor		
SE		Concern



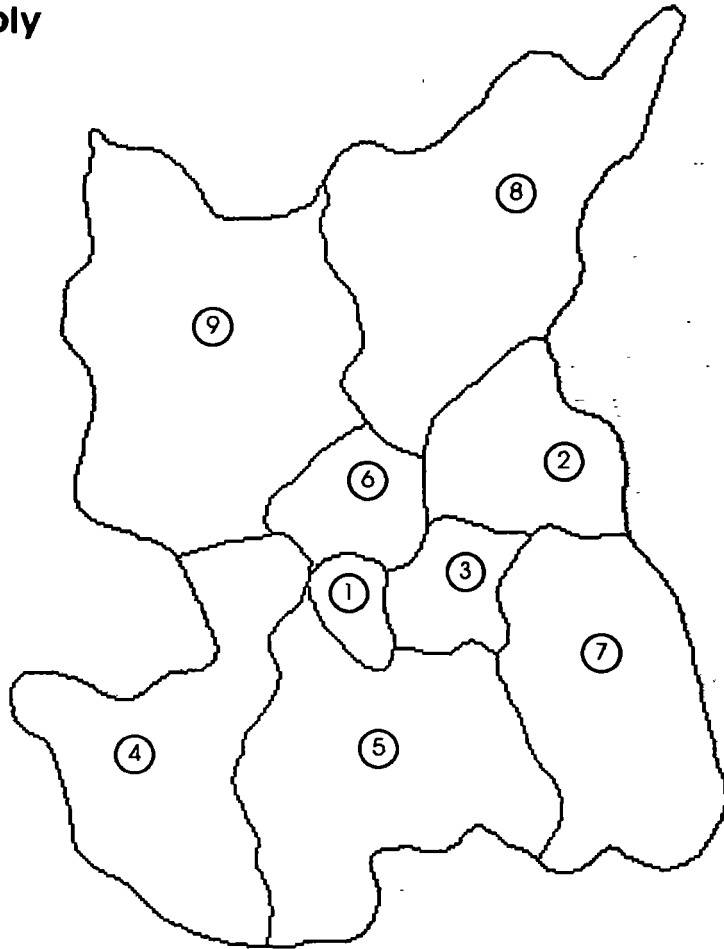
Other projects in this province in sanitation		
S		ICRC - Pursat Town
SE	S	SAWA - Pursat Town
SE	S	UNICEF
	S	WFP

Other districts	
1	Pursat District

KEY		Area of activity
	S	sanitation
	SE	sanitation education

Ratanakiri

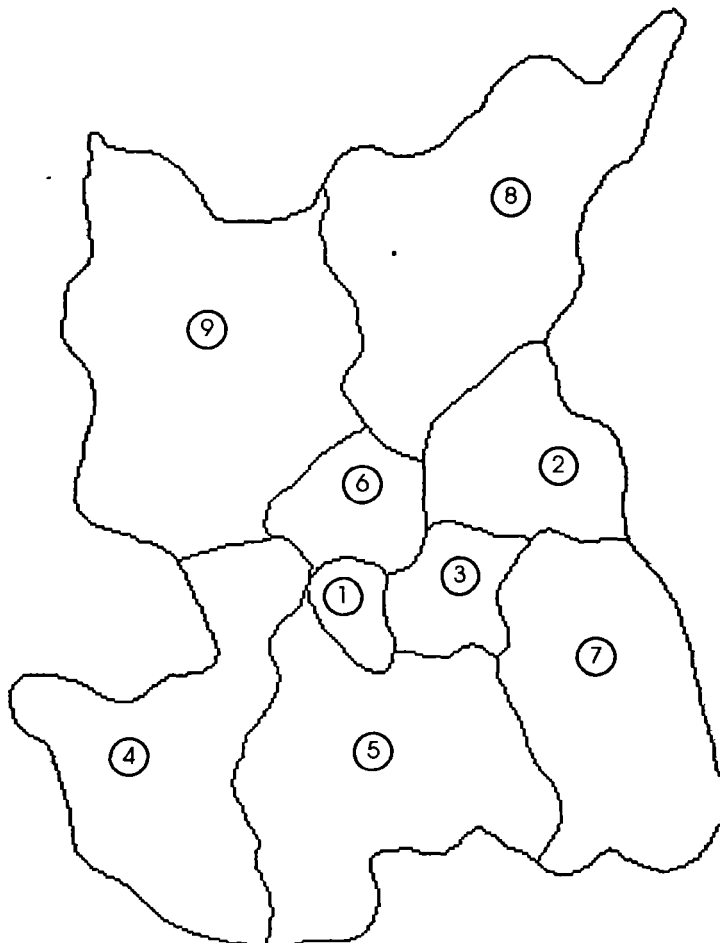
Water Supply



Other districts	
1	Banlung
2	Andong meas
3	Bar Keo
4	Kon Mum
5	Lum Phat
6	O Chum
7	O Ya Dav
8	Ta Veng
9	Ven Sal

KEY	Area of activity
	G ground water
	R rain water
	WE water use education

Sanitation



Other districts	
1	Banlung
2	Andong meas
3	Bar Keo
4	Kon Mum
5	Lum Phat
6	O Chum
7	O Ya Dav
8	Ta Veng
9	Ven Sal

KEY	Area of activity
	S sanitation
	SE sanitation education

Siem Reap

Water Supply

9	Samrong
WE	G AICF

6	Chong Kal
WE	G AICF

12	Srey Sham
WE	G AICF

7	Kra Lanh
WE	G AICF
	R G CRC
WE	R G Concern

8	Puork
WE	G AICF
WE	R G ACR
	R G CRC
WE	R G Concern

1	Siem Reap Town
WE	G AICF
WE	R G ACR
	R G CRC

Other projects in this province in water supply		
WE	G	UNICEF
	R	G WFP

10	Siem Reap District
WE	G AICF
	R G CRC

11	Soth Nikum
WE	G AICF
WE	R G ACR
	R G CRC

13	Svay Leu
WE	G AICF

14	Varin
WE	G AICF




2	Angkor Chum
WE	G AICF

3	Angkor Thom
WE	G AICF
WE	R G ACR
	R G CRC

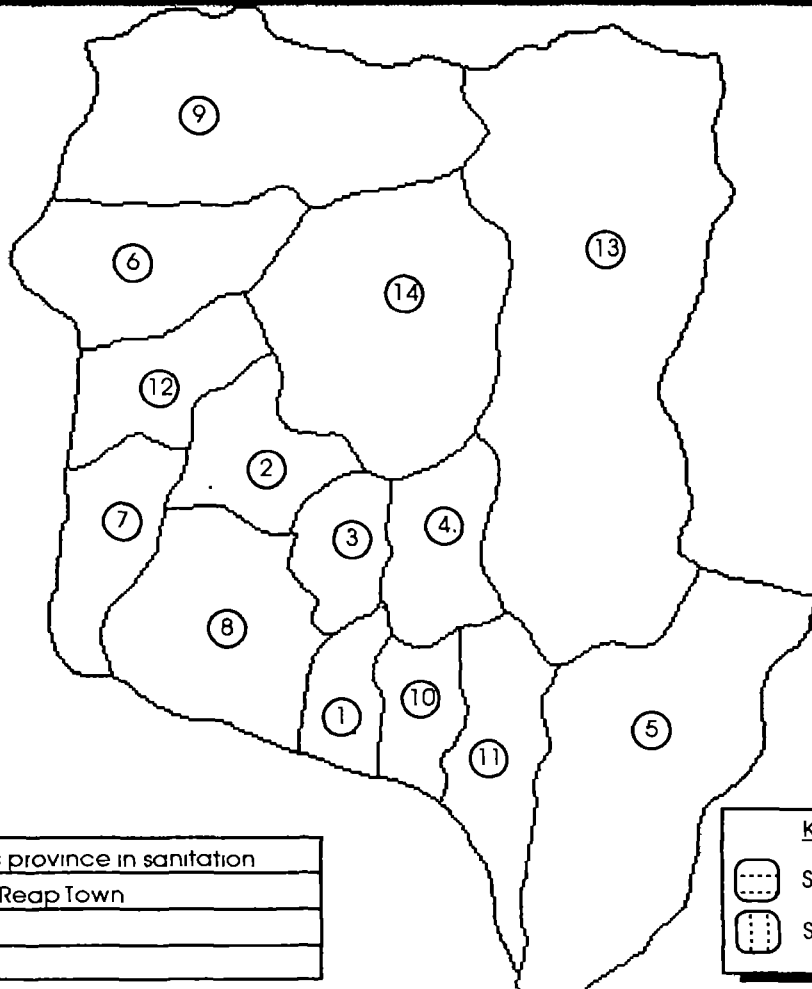
4	Banteay Srey
WE	G AICF
	R G CRC

5	Chi Kreng
WE	G AICF
WE	R G ACR

KEY Area of activity

-  G ground water
-  R rain water
-  WE water use education



Sanitation



Other districts	
1	Siem Reap Town
2	Angkor Chum
3	Angkor Thom
4	Banteay Srey
5	Chi Kreng
6	Chong Kal
7	Kra Lanh
8	Puork
9	Samrong
10	Siem Reap District
11	Soth Nikum
12	Srey Sham
13	Svay Leu
14	Varin

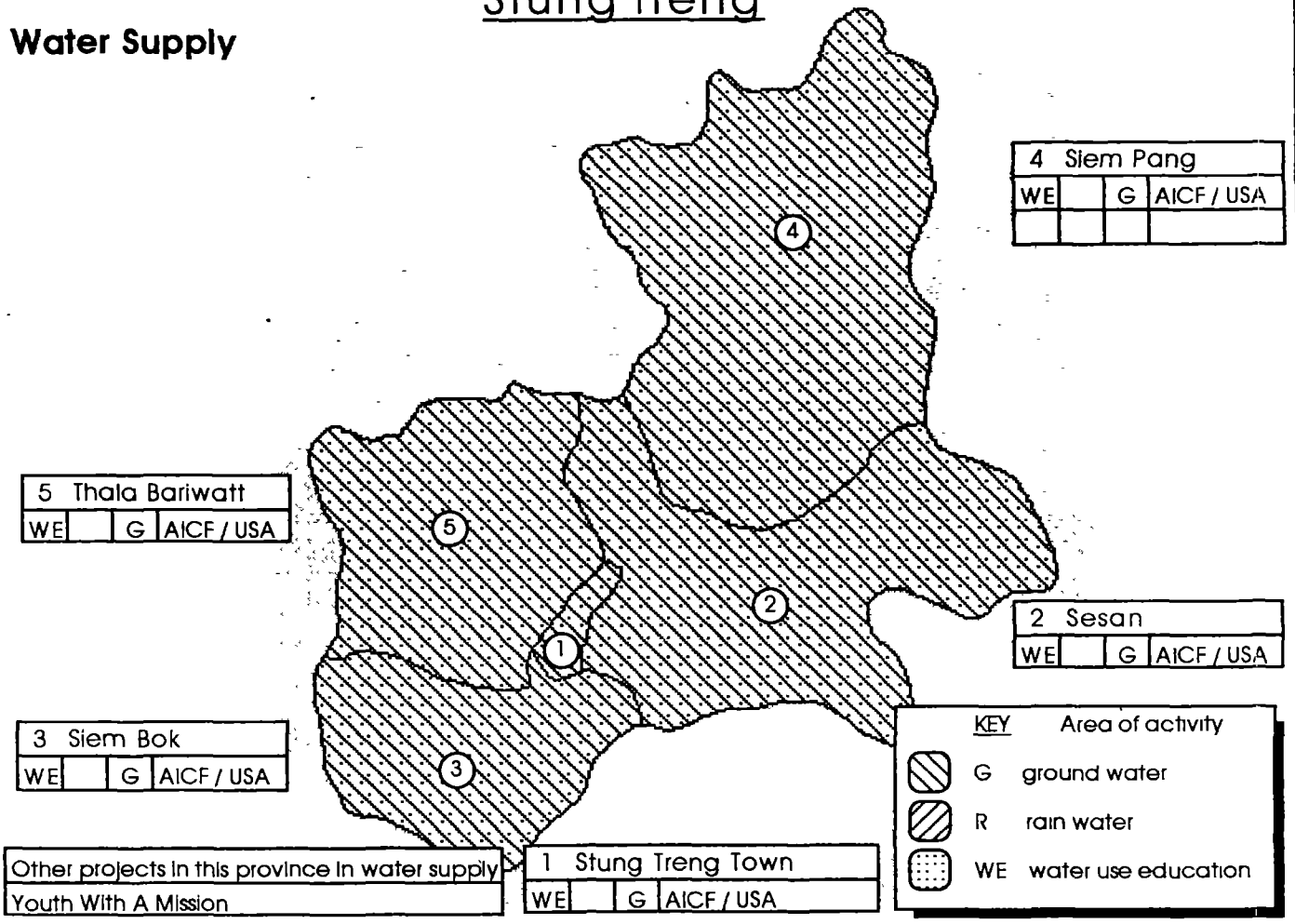
Other projects in this province in sanitation		
	S	ICRC - Siem Reap Town
SE	S	UNICEF
	S	WFP

KEY Area of activity

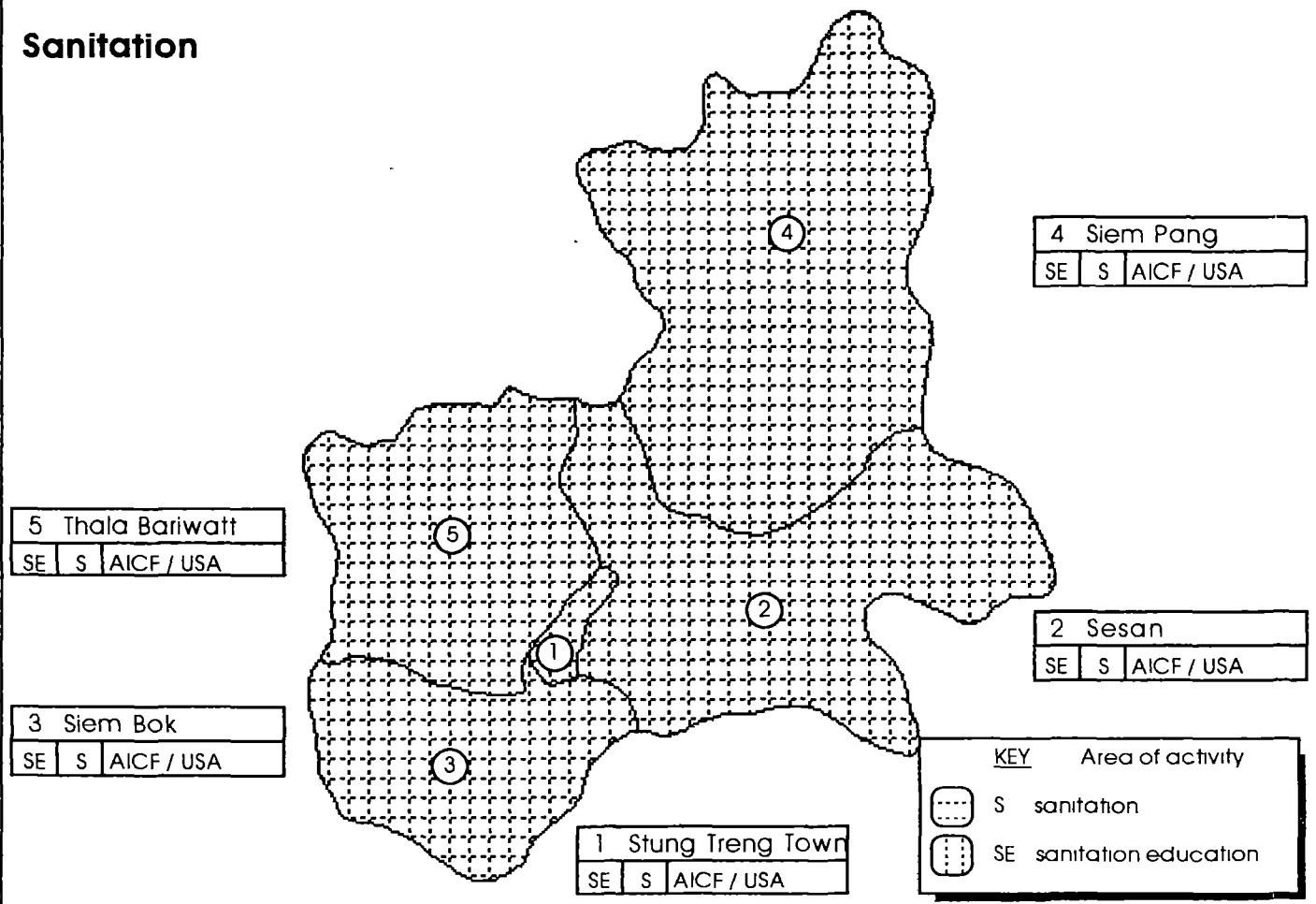
-  S sanitation
-  SE sanitation education

Stung Treng

Water Supply



Sanitation



Svay Rieng

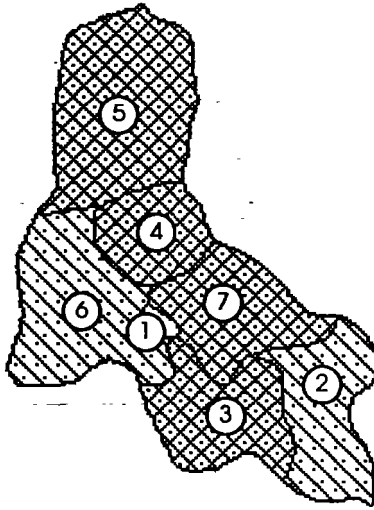
Water Supply

5 Romeas Hek			
	R	G	CRC
WE		G	Oxfam

6 Svay Rieng District			
WE		G	CIDSE
WE		G	Oxfam

1 Svay Rieng Town			
WE		G	Oxfam

3 Kompong Ro			
WE	R	G	CWS
WE		G	Oxfam



4 Romduol			
WE	R	G	CWS
WE		G	Oxfam

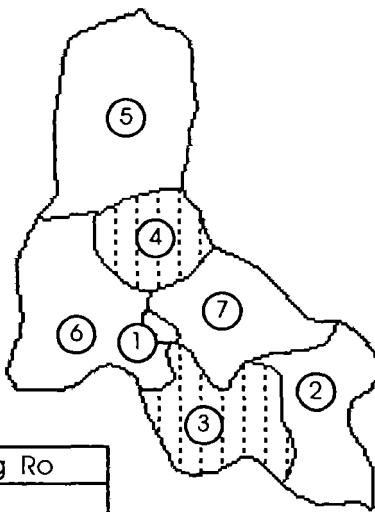
7 Svay Teap			
	R	G	CRC
WE		G	Oxfam

2 Chan Trea			
WE		G	Oxfam

Other projects in this province in water supply			
WE		G	UNICEF
	R	G	WFP

<u>KEY</u>		Area of activity
	G	ground water
	R	rain water
	WE	water use education

Sanitation



4 Romduol		
SE		CWS

Other districts	
1	Svay Rieng Town
2	Chan Trea
5	Romeas Hek
6	Svay Rieng District
7	Svay Teap

3 Kompong Ro		
SE		CWS

Other projects in this province in sanitation			
	S	ICRC - Svay Rieng Town	
SE	S	UNICEF	
	S	WFP	

<u>KEY</u>		Area of activity
	S	sanitation
	SE	sanitation education

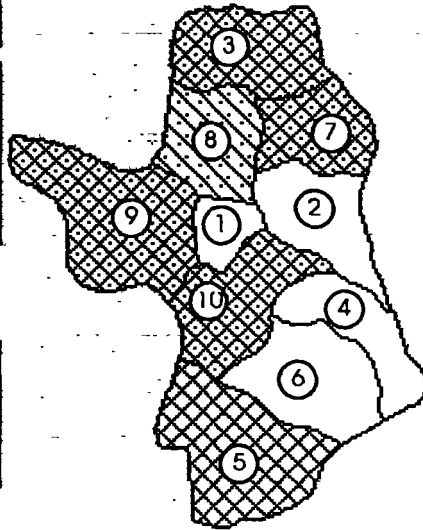
Takeo

Water Supply

8 Samrong			
WE		G	AICF
WE		G	LWS

9 Tram Kak			
WE		G	AICF
	R	G	CRC
WE	R	G	VSA
WE			Interaid International

10 Treang			
WE	R		ACR
	R	G	CRC
WE		G	UNICEF



3 Bati			
	R	G	CRC
WE		G	LWS

7 Prey Kabass			
	R	G	CRC
WE		G	LWS

5 Krivong			
	R	G	CRC

Other districts	
1	Takeo town
2	Angkor Borey
4	Borey Chulasar
6	Koh Andet

Other projects in this province in water supply			
	R	G	WFP
			LWS - Phnom Thmao cattle station

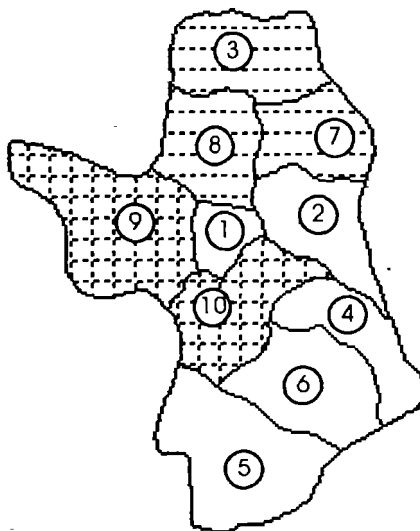
KEY		Area of activity
	G	ground water
	R	rain water
	WE	water use education

Sanitation

8 Samrong		
SE		LWS

9 Tram Kak		
SE	S	VSA

10 Treang		
SE	S	ACR
SE	S	UNICEF



3 Bati		
SE		LWS

7 Prey Kabass		
SE		LWS

Other districts	
1	Takeo town
2	Angkor Borey
4	Borey Chulasar
5	Krivong
6	Koh Andet

Other projects in this province in sanitation		
	S	WFP

KEY		Area of activity
	S	sanitation
	SE	sanitation education

General Information

Number of agencies involved in different activities

Activity	No. of agencies	%	No. of projects	%
Water Supply only	12	28%	25	38%
Sanitation only	0	0%	0	0%
Water Supply & Sanitation	28	65%	35	53%
Other Activities	3	7%	6	9%
Total	43	100%	66	100%

Number of **government counterparts** active on WatSan projects 263

Range of salary
top-ups provided
by project

Salary range \$US	Number	%
0 - 40	26	17%
41 - 80	38	24%
81 - 120	59	38%
121 - 160	22	14%
161 - 200	11	7%
Total	156	100%
Top-up unspecified	107	
Grand total	263	

Number of **seconded government employees** on WatSan projects = 104

Range of salary
top-ups provided
by project

Salary range \$US	Number	%
0 - 40	3	3%
41 - 80	75	79%
81 - 120	4	4%
121 - 160	8	8%
161 - 200	5	5%
Total	95	100%
Top-up unspecified	9	
Grand total	104	

Water supply projects* in ground water and **pumps**

	No. projects	%	No. wells**	%
With pumps	24	63%	3481 (19 projects)	81%
With no pumps installed	14	37%	794 (10 projects)	19%
Total	38		4275 (29 projects)	
Pumps unspecified	10		339 (5 projects)	
Total in ground water	48		4614 (34 projects)	

* does not include 2207 wells of UNDP / OPS / CARERE over 2 years

** does not include those projects which didn't specify annual output of wells

Projects using **standard** (No. 6, Tara & Afridev) pumps

Pumps	Number	%
Standard	19	54%
Non-standard	16	46%
Total	35	

Range of pumps used

Pumps	No. of projects	%
No. 6	17	40%
Tara	3	7%
Afridev	2	5%
India Mk II	4	9%
India Mk III	7	16%
Sok pump	3	7%
Treadle pump	1	2%
UPM	2	5%
Vergnet	2	5%
Camata	1	2%
Nira AF 85	1	2%
Total	43	

Please note:

More than one type of pump is used on many projects

Numbers of various pumps installed is not known

Range of **drilling equipment** in use

Equipment	No. of projects
PAT 201	12
PAT 301	2
Eureka Port-A-Rig	7
Ingersoll - Rand TH10	2
Hydreq	1
Bourine	1
Model FSW-3T	1

Operation & Maintenance

Projects with O & M arrangements 55

Projects without O & M arrangements 4

Spare parts

Projects relying on market for spares 15

Projects providing spares free 11

Agencies providing spares free 7

Annual output of different units

System	Annual output over all projects
Wells	6746 (36/48 projects)*
Tanks	60 (2/7 projects)
Ponds	5268 (8/20 projects)**
Jars	11 446 (6/14 projects)***
* Includes 2207 for CARERE over 2 years	
** Includes 5000 for WFP	
*** Includes 10,194 for ACR in single 8 mnth project	

Projects in ground water

Activity	No. projects
Wells - hand dug	34
Wells - drilled	23
Wells - combination	25
Tanks	7
Ponds	20
Jars	14

Projects in sanitation

Unit constructed	No. projects
Pit latrine	12
Pour flush	14
VIP	5
VIDP	1
Composting	4
Sewer network	4
Waste water	1

Design water use

Design Water Use LCD	No. projects
10	1
20	9
20-30	1
20-50	3
40	1
45	1
50	4
100	3
120	1

Banteay Mean Chey

Agency **Districts**

Australian Catholic Relief - ACR

Thmar Puork, Serey Sophorn, Monkol Borei, Preah Net Preah, Phnom Srok, Sisophon

Cambodian Red Cross - CRC

Sisophon, Preah Net Preah, Serey Sophorn, Thmar Puork, Banteay Ampil

CARE International in Cambodia

Tirhum Khet, Preah Net Preah

CARE International in Cambodia

Tirhum Khet, Thmar Puork, Preah Net Preah, Sisophon, Mongkol Borei

Comité International de la Croix Rouge - ICRC

Town

Concern Worldwide

Preah Net Preah

Concern Worldwide

Mongkol Borei, Serey Sophorn, Tirhum Khet, Phnom Srok

Concern Worldwide

Preah Net Preah, Sisophon, Thmar Puork

Concern Worldwide

Mongkol Borei, Preah Net Preah, Phnom Srok, Serey Sophorn

Oxfam

Thmar Puork, Monkol Borei, Preah Net Preah, Tirhum Khet,

UNDP / OPS / CARERE

UNDP / OPS / CARERE

Banteay Ampil, Serey Sophorn, Sisophon, Phnom Srok, Thmar Puork, Preah Net Preah, Monkol Borei

UNDP / OPS / CARERE

Phnom Srok, Thmar Puork, Preah Net Preah, Monkol Borei

United Nations Children Fund - UNICEF

World Food Programme - WFP

Battambang

<i>Agency</i>	<i>Districts</i>
Australian Catholic Relief - ACR	<i>Town District, Mong Russey, Sang Ke, Ek Phnom, Bavel</i>
Cambodian Red Cross - CRC	<i>Town, Srok Battambang, Ek Phnom, Mong Russey, Rattanak Mondul</i>
CARE International in Cambodia	<i>Banan, Tirhum Khet, Sang Ke, Srok Battambang, Ek Phnom</i>
CARE International in Cambodia	<i>Tirhum Khet, Srok Battambang, Thmor Kol</i>
Catholic Relief Services - CRS	<i>Banan, Bavel</i>
Comité International de la Croix Rouge - ICRC	<i>Town</i>
International Rescue Committee - IRC	<i>Moung Russei, Srok Battambang, Sang Ke</i>
Lutheran World Service - LWS	<i>Town</i>
Oxfam	<i>Srok Battambang, Bavel, Sang Ke, Banan, Ek Phnom, Tirhum Khet,</i>
SAWA	<i>Town</i>
UNDP / OPS / CARERE	<i>various</i>
UNDP / OPS / CARERE	<i>Ek Phnom, various</i>
United Nations Children Fund - UNICEF	
World Food Programme - WFP	
World Vision International - WVI	<i>Rattanak Mondul, Banan, Municipality</i>

Kampot

Agency **Districts**

Cambodian Red Cross - CRC

Chhouk, Chum Kiri

Comité International de la Croix Rouge - ICRC

Town

Cooperation Internationale pour le development et la Solidarite - CIDSE

Chum Kiri

Food for the Hungry International - FHI

Chhouk, Chum Kiri, Dang Tung

Lutheran World Service - LWS

Boueng Touk Cattle Station

United Nations Children Fund - UNICEF

World Food Programme - WFP

Kandal

<u>Agency</u>	<u>Districts</u>
24 HR TV	<i>Kandal Stung</i>
Cambodian Red Cross - CRC	<i>Kandal Stung, Muk Kampoul, Ponhea Leu, Khsak Kandal</i>
Church World Service - CWS	<i>Kien Svay</i>
Cooperation Internationale pour le development et la Solidarite - CIDSE	<i>Muk Kampoul</i>
Groupe de Recherche et D'Echanges Technologiques - GRET	<i>Ponhea Leu, Kien Svay, Srok Phnom Penh</i>
Japan International Volunteer Center - JVC	<i>Srok Phnom Penh</i>
Jesuit Refugee Service - JRS	<i>Srok Phnom Penh</i>
Lutheran World Service - LWS	<i>Various</i>
Lutheran World Service - LWS	<i>Srok Phnom Penh, Ponhea Leu</i>
United Nations Children Fund - UNICEF	
Women's Service Organisation	<i>Kandal Stung</i>
World Education	
World Food Programme - WFP	
World Vision International - WVI	<i>Kandal Stung, Srok Phnom Penh</i>

Koh Kong

Agency

Districts

Kompong Cham

Agency **Districts**

Cambodian Red Cross - CRC

Batheay, Cheung Prey, Ponhea Krek, Memot

Christian And Missionary Alliance - CAMA

Town

United Nations Children Fund - UNICEF

World Food Programme - WFP

Kompong Chhnang

Agency	Districts
Cambodian Red Cross - CRC	<i>Rolea Phiear, Samaki Meanchey, Tuk Phos</i>
Comité International de la Croix Rouge - ICRC	<i>Town</i>
Concern Worldwide	<i>Rolea Phiear</i>
International Rescue Committee - IRC	<i>Kompong Leng, Chul Kiri, Tuk Phos, Rolea Phiear</i>
United Nations Children Fund - UNICEF	
World Food Programme - WFP	
World Vision International - WVI	<i>Kompong Tralach</i>

Kompong Som (Sihanoukville)

Agency **Districts**

Cambodian Red Cross - CRC

Prey Nup

Comité International de la Croix Rouge - ICRC

Town

Lutheran World Service - LWS

Town

United Nations Development Programme - UNDP

World Food Programme - WFP

Kompong Speu

Agency	Districts
Australian Red Cross	<i>Oudong</i>
Cambodian Red Cross - CRC	<i>Baset, Kong Pisey, Oudong, Thpong, Phnom Sruoch, Oral</i>
Concern Worldwide	<i>Samrong Tong</i>
Groupe de Recherche et D'Echanges Technologiques - GRET	<i>Samrong Tong</i>
Lutheran World Service - LWS	<i>Baset, Kompong Speu, Kong Pisey, Oudong, Samrong Tong</i>
Redd Barna	<i>Kong Pisey</i>
United Nations Children Fund - UNICEF	<i>Samrong Tong</i>
World Food Programme - WFP	
World Vision International - WVI	<i>Oudong</i>

Kompong Thom

Agency **Districts**

Association for Supporting Buddhism - ASB

Kompong Svay, Prasat Balang, Stung

Cambodian Red Cross - CRC

Kompong Svay, Prasat Sambo, Prasat Balang

Maryknoll

United Nations Children Fund - UNICEF

World Food Programme - WFP

World Vision International - WVI

Prasat Sambo, Prasat Balang

Kratie

Agency	Districts
Action Internationale Contre la Faim / USA - AICF / USA	<i>Chhlong, Kratie, Prek Prasap, Sambo, Snuol</i>
Cambodian Red Cross - CRC	<i>Snuol</i>
CARE International in Cambodia	<i>Kratie, Snuol</i>
Lutheran World Service - LWS	<i>Town</i>
Rural Development Programme of Cambodia - RDPC	<i>Chhlong, Kratie</i>
World Food Programme - WFP	

Mondulkiri

Agency **Districts**

Lutheran World Service - LWS

Town

Phnom Penh

Agency	Districts
Cambodian Red Cross - CRC	<i>Russey Keo, Dangkor</i>
Comité International de la Croix Rouge - ICRC	
Enfants du Cambodge	<i>Stung Mean Chey</i>
Groupe de Recherche et D'Echanges Technologiques - GRET	<i>Dangkao, Stung Mean Chey</i>
Lutheran World Service - LWS	<i>Pouchentong</i>
Oxfam	
Partnership for Development in Kampuchea - PADEK	<i>Daun Penh, Russey Keo</i>
Redd Barna	<i>Dangkor</i>
United Nations Children Fund - UNICEF	
United Nations Development Programme - UNDP	
World Food Programme - WFP	

Preah Vihear

Agency

Districts

Action Internationale Contre la Faim - AICF

All accessible districts

United Nations Children Fund - UNICEF

World Food Programme - WFP

Prey Veng

Agency	Districts
Cambodian Red Cross - CRC	<i>Mesang, Kompong Trabek</i>
Christian Outreach - COR	<i>Srok Prey Veng</i>
Comité International de la Croix Rouge - ICRC	<i>Town</i>
Groupe de Recherche et D'Echanges Technologiques - GRET	<i>Ba Phnom, Kamchay Mear, Sithor Kandal, Kompong Trabek, Peareang, Kanh Chreach, Prey Veng town</i>
Mennonite Central Committee - MCC	<i>Mesang</i>
Oxfam	<i>Kompong Trabek, Preah Sdech, Mesang, Ba Phnom, Prey Veng, Sithor Kandal, Kanh Chreach</i>
United Nations Children Fund - UNICEF	
World Food Programme - WFP	

Pursat

Agency	Districts
American Refugee Committee - ARC	<i>Kan Dieng</i>
Australian Catholic Relief - ACR	<i>Kandieng, Bakan, Kravanh, Krakor, Town District</i>
Cambodia Canada Development Program - CCDP	<i>Pursat Town, Krakor</i>
Cambodian Red Cross - CRC	<i>Krakor, Kandieng, Pursat Town, Bakan, Kravanh</i>
CARE International in Cambodia	<i>Bakan</i>
Comité International de la Croix Rouge - ICRC	<i>Town</i>
Concern Worldwide	<i>Bakan, Kravanh, Krakor</i>
Lutheran World Service - LWS	<i>Town</i>
SAWA	<i>Town</i>
UNDP / OPS / CARERE	<i>Krakor, Kandieng, Kravanh, Pursat Town, Bakan</i>
UNDP / OPS / CARERE	<i>Krakor, Kandieng, Kravanh, Pursat Town, Bakan</i>
United Nations Children Fund - UNICEF	
World Food Programme - WFP	

Siem Reap

Agency **Districts**

Action Internationale Contre la Faim - AICF

All districts

Australian Catholic Relief - ACR

Town District, Soth Nikum, Puork, Angkor Thom, Chi Kreng

Cambodian Red Cross - CRC

Saut Nikum, Siem Reap Town, Srok Siem Reap, Pouk, Kralanh, Banteay Srey, Angkor Thom

Comité International de la Croix Rouge - ICRC

Town

Concern Worldwide

Kra Lanh, Puork

Lutheran World Service - LWS

Town

United Nations Children Fund - UNICEF

World Food Programme - WFP

Stung Treng

Agency	Districts
Action Internationale Contre la Faim / USA - AICF / USA	<i>Stung Treng, Sesan, Siem Bok, Siem Pang, Thala Bariwatt</i>
Lutheran World Service - LWS	<i>Town</i>
Youth With A Mission	<i>Stung Treng District</i>

Ratanakiri

Agency

Districts .

Svay Rieng

Agency **Districts**

Cambodian Red Cross - CRC

Svay Teap, Romeas Hek

Church World Service - CWS

Romduol, Kompong Ro

Comité International de la Croix Rouge - ICRC

Town

Cooperation Internationale pour le development et la Solidarite - CIDSE

Srok Svay Rieng

Oxfam

*Romeas Hek, Svay Rieng, Kompong Ro, Chan Trea, Svay Teap,
Romduol, Town district*

United Nations Children Fund - UNICEF

World Food Programme - WFP

Takeo

<u>Agency</u>	<u>Districts</u>
Action Internationale Contre la Faim - AICF	<i>Samrong, Tram Kak</i>
Australlan Catholic Relief - ACR	<i>Treang</i>
Cambodian Red Cross - CRC	<i>Bati, Tram Kak, Prey Kabass, Treang, Kirivong</i>
Interaid International	<i>Tram Kak</i>
Lutheran World Service - LWS	<i>Phnom Tamao Cattle Station</i>
Lutheran World Service - LWS	<i>Bati, Prey Kabass, Samrong</i>
United Nations Children Fund - UNICEF	<i>Treang</i>
Volunteer Service Abroad	<i>Tram Kak</i>
World Food Programme - WFP	

Project Title Agency name Province

Technical Assistance Project for Drinking Water Supply
24 HR TV

Kandal

Integrated Assistance

Action Internationale Contre la Faim - AICF

Preah Vihear

Integrated Rural Rehabilitation

Action Internationale Contre la Faim - AICF

Takeo

Rural Water Supply

Action Internationale Contre la Faim - AICF

Siem Reap

North East Cambodia Community Water & Health Education

Action Internationale Contre la Faim / USA - AICF / USA

Kratie

Stung Treng

Kan Dieng Water & Sanitation Project, Pursat

American Refugee Committee - ARC

Pursat

Water Supply

Association for Supporting Buddhism - ASB

Kompong Thom

Returnee Family Food Production Programme

Australian Catholic Relief - ACR

Banteay Mean Chey

Battambang

Pursat

Siem Reap

Project Title	Agency name	Province
CRC Project	Cambodian Red Cross - CRC	Banteay Mean Chey Battambang Kompong Cham Kompong Chhnang Kompong Som (Sihanoukville) Kompong Speu Kompong Thom Kampot Kandal Kratie Phnom Penh Prey Veng Pursat Siem Reap Svay Rieng Takeo
Battambang Water QIP	CARE International In Cambodia	Battambang
BIRCH	CARE International In Cambodia	Pursat
Returnee Rehabilitation and Assistance Project (RRAP)	CARE International in Cambodia	Banteay Mean Chey
Water Tower - Provincial Hospital	Christian And Missionary Alliance - CAMA	Kompong Cham
Agriculture, Business & Community Development (ABCD)	Christian Outreach - COR	Prey Veng
CWS Svay Rieng Community Development	Church World Service - CWS	Svay Rieng
Sre Ampil Integration Project	Church World Service - CWS	Kandal
Chhouk Saw Forestry Project	Concern Worldwide	Kompong Chhnang

Project Title Agency name Province

Community Development Project - Water Sector
Concern Worldwide
 Banteay Mean Chey

Integrated Assistance Project - Water Sector
Concern Worldwide
 Banteay Mean Chey

Primary Health Care
Concern Worldwide
 Kompong Speu

Pursat Rehabilitation Programme
Concern Worldwide
 Pursat

Resettlement Project - Vulnerable Families
Concern Worldwide
 Siem Reap

Sanitation Programme in Banteay Mean Chey
Concern Worldwide
 Banteay Mean Chey

School Sanitation Programme
Concern Worldwide
 Banteay Mean Chey

Community Development Project Kampot
**Cooperation Internationale pour le developement et la Solidarite -
 CIDSE**
 Kampot

Community Development Project Kandal
**Cooperation Internationale pour le developement et la Solidarite -
 CIDSE**
 Kandal

Integrated Community Based Rural Development Programme in Svay Rieng
**Cooperation Internationale pour le developement et la Solidarite -
 CIDSE**
 Svay Rieng

Drinking Water
Enfants du Cambodge
 Phnom Penh

Project Title Agency name Province

GRET Project

Groupe de Recherche et D'Echanges Technologiques - GRET

Kompong Speu
Kandal
Phnom Penh
Prey Veng

Integrated Rural Health & Development

International Rescue Committee - IRC

Kompong Chhnang

Water Supply / Health Education and Basic Assistance to Returnees and Local Villagers - Battambang Province

International Rescue Committee - IRC

Battambang

JVC Project

Japan International Volunteer Center - JVC

Kandal

JRS Project

Jesuit Refugee Service - JRS

Kandal

Water Supply Development Project - Rural Water Supply

Lutheran World Service - LWS

Kompong Speu
Kandal
Takeo

Maryknoll Project

Maryknoll

Kompong Thom

Mesang Community Development - Wells & Pumps

Mennonite Central Committee - MCC

Prey Veng

Rural Drinking Water Supply

Oxfam

Prey Veng
Svay Rieng

Rural Drinking Water Supply

Oxfam

Banteay Mean Chey
Battambang

Project Title Agency name Province

Child Oriented Community Development Project - Kong Pisey
Redd Barna

Kompong Speu

Redd Barna Project

Redd Barna

Phnom Penh

Water Hygiene and Ground Water

Rural Development Programme of Cambodia - RDPC

Kratie

Completed projects Banteay Mean Chey

UNDP / OPS / CAREER

Banteay Mean Chey

Completed projects Pursat

UNDP / OPS / CAREER

Pursat

Current projects Banteay Mean Chey

UNDP / OPS / CAREER

Banteay Mean Chey

Current projects Pursat

UNDP / OPS / CAREER

Pursat

Water and Environmental Sanitation

United Nations Children Fund - UNICEF

Banteay Mean Chey

Battambang

Kompong Cham

Kompong Chhnang

Kompong Speu

Kompong Thom

Kampot

Kandal

Phnom Penh

Preah Vihear

Prey Veng

Pursat

Siem Reap

Svay Rieng

Takeo

VSA Project

Volunteer Service Abroad

Takeo

Project Title Agency name Province

WSO Project

Women's Service Organisation

Kandal

Infrastructure Development & Employment Creation

World Food Programme - WFP

Banteay Mean Chey

Battambang

Kompong Cham

Kompong Chhnang

Kompong Som (Sihanoukville)

Kompong Speu

Kompong Thom

Kampot

Kandal

Kratie

Phnom Penh

Preah Vihear

Prey Veng

Pursat

Siem Reap

Svay Rieng

Takeo

WVI Project (various projects covered)

World Vision International - WVI

Battambang

Kompong Chhnang

Kompong Speu

Kompong Thom

Kandal

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projects in rain water catchment

Project Title Agency name Province

Integrated Assistance

Action Internationale Contre la Faim - AICF
Preah Vihear

Water Supply

Association for Supporting Buddhism - ASB
Kompong Thom

Returnee Family Food Production Programme

Australian Catholic Relief - ACR
Banteay Mean Chey
Battambang
Pursat
Siem Reap

Treang Integrated Rural Development Programme

Australian Catholic Relief - ACR
Takeo

Local Initiative Project (CCDP)

Cambodia Canada Development Program - CCDP
Pursat

CRC Project

Cambodian Red Cross - CRC
Banteay Mean Chey
Battambang
Kompong Cham
Kompong Chhnang
Kompong Som (Sihanoukville)
Kompong Speu
Kompong Thom
Kampot
Kandal
Kratie
Phnom Penh
Prey Veng
Pursat
Siem Reap
Svay Rieng
Takeo

Water Supply Rehabilitation Project

CARE International in Cambodia
Banteay Mean Chey
Battambang

CWS Svay Rieng Community Development

Church World Service - CWS
Svay Rieng

Project Title Agency name Province

Community Development Project - Water Sector
Concern Worldwide
 Banteay Mean Chey

Integrated Assistance Project - Water Sector
Concern Worldwide
 Banteay Mean Chey

Primary Health Care
Concern Worldwide
 Kompong Speu

Pursat Rehabilitation Programme
Concern Worldwide
 Pursat

Integrated Rural Health & Development
International Rescue Committee - IRC
 Kompong Chhnang

Water Supply / Health Education and Basic Assistance to Returnees and Local Villagers - Battambang Province
International Rescue Committee - IRC
 Battambang

JRS Project
Jesuit Refugee Service - JRS
 Kandal

Maryknoll Project
Maryknoll
 Kompong Thom

Rural Drinking Water Supply
Oxfam
 Banteay Mean Chey
 Battambang

Child Oriented Community Development Project - Kong Pisey
Redd Barna
 Kompong Speu

Redd Barna Project
Redd Barna
 Phnom Penh

Water Hygiene and Ground Water
Rural Development Programme of Cambodia - RDPC
 Kratie

Project Title Agency name Province

Completed projects Pursat
UNDP / OPS / CARERE
Pursat

Current projects Pursat
UNDP / OPS / CARERE
Pursat

VSA Project
Volunteer Service Abroad
Takeo

WSO Project
Women's Service Organisation
Kandal

Infrastructure Development & Employment Creation
World Food Programme - WFP
Banteay Mean Chey
Battambang
Kompong Cham
Kompong Chhnang
Kompong Som (Sihanoukville)
Kompong Speu
Kompong Thom
Kampot
Kandal
Kratie
Phnom Penh
Preah Vihear
Prey Veng
Pursat
Siem Reap
Svay Rieng
Takeo

WVI Project (various projects covered)
World Vision International - WVI
Battambang
Kompong Chhnang
Kompong Speu
Kompong Thom
Kandal

Project Title	Agency name	Province
Water Supply	Association for Supporting Buddhism - ASB	Kompong Thom
Water Tower - Provincial Hospital	Christian And Missionary Alliance - CAMA	Kompong Cham
Agriculture, Business & Community Development (ABCD)	Christian Outreach - COR	Prey Veng
Urban Community Development Programme	Partnership for Development in Kampuchea - PADEK	Phnom Penh
Water Hygiene and Ground Water	Rural Development Programme of Cambodia - RDPC	Kratie
Urban Water Supply and Sanitation Rehabilitation Pursat & Battambang	SAWA	Battambang Pursat
Technical Assistance for the Rehabilitation of the Water Utilities of Phnom Penh and Sihanoukville	United Nations Development Programme - UNDP	Kompong Som (Sihanoukville) Phnom Penh
WSO Project	Women's Service Organisation	Kandal
WVI Project (various projects covered)	World Vision International - WVI	Battambang Kompong Chhnang Kompong Speu Kompong Thom Kandal
Water System Repair in Stung Treng Town	Youth With A Mission	Stung Treng

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projects in water use education

Project Title	Agency name	Province
Technical Assistance Project for Drinking Water Supply 24 HR TV		Kandal
Integrated Rural Rehabilitation Action Internationale Contre la Faim - AICF		Takeo
Rural Water Supply Action Internationale Contre la Faim - AICF		Siem Reap
North East Cambodia Community Water & Health Education Action Internationale Contre la Faim / USA - AICF / USA		Kratie Stung Treng
Kan Dieng Water & Sanitation Project, Pursat American Refugee Committee - ARC		Pursat
Water Supply Association for Supporting Buddhism - ASB		Kompong Thom
Returnee Family Food Production Programme Australian Catholic Relief - ACR		Banteay Mean Chey Battambang Pursat Siem Reap
Treang Integrated Rural Development Programme Australian Catholic Relief - ACR		Takeo
Oudong District Well Maintenance and Repair Project (ODWMRP) Australian Red Cross		Kompong Speu
Battambang Water QIP CARE International in Cambodia		Battambang
BIRCH CARE International in Cambodia		Pursat
Kratie Rural Drinking Water Supply CARE International in Cambodia		Kratie

Project Title Agency name Province

Returnee Rehabilitation and Assistance Project (RRAP)
CARE International In Cambodia
 Banteay Mean Chey

Agriculture, Business & Community Development (ABCD)
Christlan Outreach - COR
 Prey Veng

CWS Svay Rieng Community Development
Church World Service - CWS
 Svay Rieng

Community Development Project - Water Sector
Concern Worldwide
 Banteay Mean Chey

Integrated Assistance Project - Water Sector
Concern Worldwide
 Banteay Mean Chey

Primary Health Care
Concern Worldwide
 Kompong Speu

Pursat Rehabilitation Programme
Concern Worldwide
 Pursat

Resettlement Project - Vulnerable Families
Concern Worldwide
 Siem Reap

School Sanitation Programme
Concern Worldwide
 Banteay Mean Chey

Community Development Project Kampot
Cooperation Internationale pour le development et la Solidarite - CIDSE
 Kampot

Community Development Project Kandal
Cooperation Internationale pour le development et la Solidarite - CIDSE
 Kandal

Integrated Community Based Rural Development Programme in Svay Rieng
Cooperation Internationale pour le development et la Solidarite - CIDSE
 Svay Rieng

Project Title Agency name Province

Drinking Water
Enfants du Cambodge
Phnom Penh

Kampot Rural Water Supplies
Food for the Hungry International - FHI
Kampot

GRET Project
Groupe de Recherche et D'Echanges Technologiques - GRET
Kompong Speu
Kandal
Phnom Penh
Prey Veng

Tramkok Water and Sanitation
Interaid International
Takeo

Integrated Rural Health & Development
International Rescue Committee - IRC
Kompong Chhnang

Water Supply / Health Education and Basic Assistance to Returnees and Local Villagers - Battambang Province
International Rescue Committee - IRC
Battambang

JVC Project
Japan International Volunteer Center - JVC
Kandal

JRS Project
Jesuit Refugees Service - JRS
Kandal

Water Supply Development Project - Rural Water Supply
Lutheran World Service - LWS
Kompong Speu
Kandal
Takeo

Mesang Community Development - Wells & Pumps
Mennonite Central Committee - MCC
Prey Veng

Rural Drinking Water Supply
Oxfam
Prey Veng
Svay Rieng

Project Title	Agency name	Province
Rural Drinking Water Supply	Oxfam	Banteay Mean Chey Battambang
Child Oriented Community Development Project - Kong Pisey	Redd Barna	Kompong Speu
Redd Barna Project	Redd Barna	Phnom Penh
Water Hygiene and Ground Water	Rural Development Programme of Cambodia - RDPC	Kratie
CARERE Water Use Education	UNDP / OPS / CARERE	Banteay Mean Chey
Water and Environmental Sanitation	United Nations Children Fund - UNICEF	Banteay Mean Chey Battambang Kompong Cham Kompong Chhnang Kompong Speu Kompong Thom Kampot Kandal Phnom Penh Preah Vihear Prey Veng Pursat Siem Reap Svay Rieng Takeo
Technical Assistance for the Rehabilitation of the Water Utilities of Phnom Penh and Sihanoukville	United Nations Development Programme - UNDP	Kompong Som (Sihanoukville) Phnom Penh
VSA Project	Volunteer Service Abroad	Takeo

Project Title Agency name Province

WSO Project
Women's Service Organisation
Kandal

Water & Hygiene Education Training
World Education
Kandal

WVI Project (various projects covered)
World Vision International - WVI
Battambang
Kompong Chhnang
Kompong Speu
Kompong Thom
Kandal

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projects in sanitation (technical)

Project Title	Agency name	Province
<i>Integrated Assistance</i>	Action Internationale Contre la Faim - AICF	Preah Vihear
<i>North East Cambodia Community Water & Health Education</i>	Action Internationale Contre la Faim / USA - AICF / USA	Kratie Stung Treng
<i>Kan Dieng Water & Sanitation Project, Pursat</i>	American Refugee Committee - ARC	Pursat
<i>Water Supply</i>	Association for Supporting Buddhism - ASB	Kompong Thom
<i>Treang Integrated Rural Development Programme</i>	Australian Catholic Relief - ACR	Takeo
BIRCH	CARE International in Cambodia	Pursat
<i>Agriculture, Business & Community Development (ABCD)</i>	Christian Outreach - COR	Prey Veng
<i>Sre Ampil Integration Project</i>	Church World Service - CWS	Kandal
<i>ICRC Water and Sanitation Programme in Cambodian Prisons</i>	Comité International de la Croix Rouge - ICRC	Banteay Mean Chey Battambang Kompong Chhnang Kompong Som (Sihanoukville) Kampot Phnom Penh Prey Veng Pursat Siem Reap Svay Rieng
<i>Community Development Project - Water Sector</i>	Concern Worldwide	Banteay Mean Chey

Project Title	Agency name	Province
Primary Health Care	Concern Worldwide	Kompong Speu
Sanitation Programme in Banteay Mean Chey	Concern Worldwide	Banteay Mean Chey
School Sanitation Programme	Concern Worldwide	Banteay Mean Chey
Community Development Project Kandal	Cooperation Internationale pour le developement et la Solidarite - CIDSE	Kandal
Integrated Rural Health & Development	International Rescue Committee - IRC	Kompong Chhnang
Water Supply / Health Education and Basic Assistance to Returnees and Local Villagers - Battambang Province	International Rescue Committee - IRC	Battambang
Urban Community Development Programme	Partnership for Development in Kampuchea - PADEK	Phnom Penh
Child Oriented Community Development Project - Kong Pisey	Redd Barna	Kompong Speu
Redd Barna Project	Redd Barna	Phnom Penh
Water Hygiene and Ground Water	Rural Development Programme of Cambodia - RDPC	Kratie
Urban Water Supply and Sanitation Rehabilitation Pursat & Battambang	SAWA	Battambang Pursat

Project Title Agency name Province

Water and Environmental Sanitation

United Nations Children Fund - UNICEF

Banteay Mean Chey
Battambang
Kompong Cham
Kompong Chhnang
Kompong Speu
Kompong Thom
Kampot
Kandal
Phnom Penh
Preah Vihear
Prey Veng
Pursat
Siem Reap
Svay Rieng
Takeo

VSA Project

Volunteer Service Abroad

Takeo

WSO Project

Women's Service Organisation

Kandal

Infrastructure Development & Employment Creation

World Food Programme - WFP

Banteay Mean Chey
Battambang
Kompong Cham
Kompong Chhnang
Kompong Som (Sihanoukville)
Kompong Speu
Kompong Thom
Kampot
Kandal
Kratie
Phnom Penh
Preah Vihear
Prey Veng
Pursat
Siem Reap
Svay Rieng
Takeo

Project Title Agency name Province

WVI Project (various projects covered)

World Vision International - WVI

Battambang

Kompong Chhnang

Kompong Speu

Kompong Thom

Kandal

Project Title	Agency name	Province
North East Cambodia Community Water & Health Education	Action Internationale Contre la Faim / USA - AICF / USA	Kratie Stung Treng
Kan Dieng Water & Sanitation Project, Pursat	American Refugee Committee - ARC	Pursat
Water Supply	Association for Supporting Buddhism - ASB	Kompong Thom
Treang Integrated Rural Development Programme	Australian Catholic Relief - ACR	Takeo
Oudong District Well Maintenance and Repair Project (ODWMRP)	Australian Red Cross	Kompong Speu
BIRCH	CARE International In Cambodia	Pursat
Agriculture, Business & Community Development (ABCD)	Christian Outreach - COR	Prey Veng
CWS Svay Rieng Community Development	Church World Service - CWS	Svay Rieng
Sre Ampil Integration Project	Church World Service - CWS	Kandal
Community Development Project - Water Sector	Concern Worldwide	Banteay Mean Chey
Primary Health Care	Concern Worldwide	Kompong Speu
Pursat Rehabilitation Programme	Concern Worldwide	Pursat

Project Title Agency name Province

Sanitation Programme in Banteay Mean Chey
Concern Worldwide
 Banteay Mean Chey

School Sanitation Programme
Concern Worldwide
 Banteay Mean Chey

Community Development Project Kandal
Cooperation Internationale pour le developement et la Solidarite - CIDSE
 Kandal

Kampot Rural Water Supplies
Food for the Hungry International - FHI
 Kampot

Integrated Rural Health & Development
International Rescue Committee - IRC
 Kompong Chhnang

Water Supply / Health Education and Basic Assistance to Returnees and Local Villagers - Battambang Province
International Rescue Committee - IRC
 Battambang

JVC Project
Japan International Volunteer Center - JVC
 Kandal

JRS Project
Jesuit Refugee Service - JRS
 Kandal

Water Supply Development Project - Rural Water Supply
Lutheran World Service - LWS
 Kompong Speu
 Kandal
 Takeo

Urban Community Development Programme
Partnership for Development in Kampuchea - PADEK
 Phnom Penh

Child Oriented Community Development Project - Kong Pisey
Redd Barna
 Kompong Speu

Redd Barna Project
Redd Barna
 Phnom Penh

Project Title	Agency name	Province
Water Hygiene and Ground Water	Rural Development Programme of Cambodia - RDPC	Kratie
Urban Water Supply and Sanitation Rehabilitation Pursat & Battambang	SAWA	Battambang Pursat
Water and Environmental Sanitation	United Nations Children Fund - UNICEF	Banteay Mean Chey Battambang Kompong Cham Kompong Chhnang Kompong Speu Kompong Thom Kampot Kandal Phnom Penh Preah Vihear Prey Veng Pursat Siem Reap Svay Rieng Takeo
VSA Project	Volunteer Service Abroad	Takeo
WSO Project	Women's Service Organisation	Kandal .
Water & Hygiene Education Training	World Education	Kandal
WVI Project (various projects covered)	World Vision International - WVI	Battambang Kompong Chhnang Kompong Speu Kompong Thom Kandal

10 *projects providing institutional support*

<i>Project Title</i>	<i>Agency name</i>	<i>Province</i>
<i>Integrated Rural Rehabilitation</i>	Action Internationale Contre la Faim - AICF provincial level Takeo	
<i>Rural Water Supply</i>	Action Internationale Contre la Faim - AICF provincial level Siem Reap	
<i>North East Cambodia Community Water & Health Education</i>	Action Internationale Contre la Faim / USA - AICF / USA provincial level district level Kratie Stung Treng	
<i>Treang Integrated Rural Development Programme</i>	Australian Catholic Relief - ACR Takeo	district level
<i>Oudong District Well Maintenance and Repair Project (ODWMRP)</i>	Australian Red Cross Kompong Speu	
<i>Local Initiative Project (CCDP)</i>	Cambodia Canada Development Program - CCDP provincial level Pursat	
<i>Kratie Rural Drinking Water Supply</i>	CARE International In Cambodia provincial level Kratie	
<i>Agriculture, Business & Community Development (ABCD)</i>	Christian Outreach - COR Prey Veng	district level
<i>Community Development Project - Water Sector</i>	Concern Worldwide Banteay Mean Chey	district level
<i>Integrated Assistance Project - Water Sector</i>	Concern Worldwide Banteay Mean Chey	district level

Project Title	Agency name	Province
Primary Health Care	Concern Worldwide	district level
		Kompong Speu
Pursat Rehabilitation Programme	Concern Worldwide	provincial level
		Pursat
School Sanitation Programme	Concern Worldwide	provincial level
		Banteay Mean Chey
Community Development Project Kandal	Cooperation Internationale pour le developement et la Solidarite - CIDSE	district level
		Kandal
Kampot Rural Water Supplies	Food for the Hungry International - FHI	district level
		Kampot
GRET Project	Groupe de Recherche et D'Echanges Technologiques - GRET	central level provincial level district level
		Kompong Speu
		Kandal
		Phnom Penh
		Prey Veng
Integrated Rural Health & Development	International Rescue Committee - IRC	provincial level
		Kompong Chhnang
JRS Project	Jesuit Refugee Service - JRS	district level
		Kandal
Water Supply Development Project - Hydrology Support	Lutheran World Service - LWS	central level provincial level

Project Title Agency name Province

Water Supply Development Project - Meteorology

Lutheran World Service - LWS

central level

provincial level

Battambang
 Kompong Som (Sihanoukville)
 Kampot
 Kandal
 Kratie
 Mondulhiri
 Phnom Penh
 Pursat
 Siem Reap
 Stung Treng
 Takeo

Water Supply Development Project - Rural Water Supply

Lutheran World Service - LWS

provincial level

district level

Kompong Speu
 Kandal
 Takeo

Hydrology Support Programme

Oxfam

central level

Phnom Penh

Rural Drinking Water Supply

Oxfam

provincial level

Prey Veng
 Svay Rieng

Rural Drinking Water Supply

Oxfam

provincial level

Banteay Mean Chey
 Battambang

Urban Community Development Programme

Partnership for Development in Kampuchea - PADEK

central level

Phnom Penh

Redd Barna Project

Redd Barna

provincial level

Phnom Penh

<i>Project Title</i>	<i>Agency name</i>	<i>Province</i>
Urban Water Supply and Sanitation Rehabilitation Pursat & Battambang SAWA		provincial level Battambang Pursat
Water and Environmental Sanitation United Nations Children Fund - UNICEF	central level	provincial level Banteay Mean Chey Battambang Kompong Cham Kompong Chhnang Kompong Speu Kompong Thom Kampot Kandal Phnom Penh Preah Vihear Prey Veng Pursat Siem Reap Svay Rieng Takeo
Water & Hygiene Education Training World Education	central level	provincial level Kandal
WVI Project (various projects covered) World Vision International - WVI	central level	provincial level Battambang Kompong Chhnang Kompong Speu Kompong Thom Kandal

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projects in all other activities

Project Title Agency name Province

Treang Integrated Rural Development Programme
Australian Catholic Relief - ACR
Takeo

Agriculture, Business & Community Development (ABCD)
Christian Outreach - COR
Prey Veng

Infrastructure Development & Employment Creation

World Food Programme - WFP

*Banteay Mean Chey
Battambang
Kompong Cham
Kompong Chhnang
Kompong Som (Sihanoukville)
Kompong Speu
Kompong Thom
Kampot
Kandal
Kratie
Phnom Penh
Preah Vihear
Prey Veng
Pursat
Siem Reap
Svay Rieng
Takeo*

Project Title	Agency name	Province
<i>Urban Water Supply and Sanitation Rehabilitation Pursat & Battambang</i>	SAWA	<i>Battambang Pursat</i>
<i>Redd Barna Project</i>	Redd Barna	<i>Phnom Penh</i>

Project Title Agency name Province

Water Supply

Association for Supporting Buddhism - ASB
Kompong Thom

Water Hygiene and Ground Water

Rural Development Programme of Cambodia - RDPC
Kratie

Project Title Agency name Province

WSO Project

Women's Service Organisation
Kandal

Project Title Agency name Province

Integrated Rural Rehabilitation

Action Internationale Contre la Faim - AICF

Maintenance VLOM System

Takeo

Rural Water Supply

Action Internationale Contre la Faim - AICF

Maintenance system as VLOM

Siem Reap

Water Supply

Association for Supporting Buddhism - ASB

Mobile water pumps

Kompong Thom

Chhouk Saw Forestry Project

Concern Worldwide

Provision of housing and farming land

Kompong Chhnang

Primary Health Care

Concern Worldwide

Provision of housing and farming land

Kompong Speu

Resettlement Project - Vulnerable Families

Concern Worldwide

Provision of housing and farming land

Siem Reap

Integrated Rural Health & Development

International Rescue Committee - IRC

Nurse support, Maternal Child Health, Construction

Kompong Chhnang

Water Supply Development Project - Hydrology Support

Lutheran World Service - LWS

Hydro-geological support to DoH

Project Title Agency name Province

Water Supply Development Project - Meteorology

Lutheran World Service - LWS

Hydro-meteorology support to DoH

Battambang

Kompong Som (Sihanoukville)

Kampot

Kandal

Kratie

Mondulkiri

Phnom Penh

Pursat

Siem Reap

Stung Treng

Takeo

Urban Community Development Programme

Partnership for Development in Kampuchea - PADEK

Piped water supply in slum alleyways

Phnom Penh

Urban Water Supply and Sanitation Rehabilitation Pursat & Battambang

SAWA

Waste water treatment plant

Battambang

Pursat

WVI Project (various projects covered)

World Vision International - WVI

also watergates

Battambang

◦ *Kompong Chhnang*

Kompong Speu

Kompong Thom

Kandal

Agency name 24 HR TV
Address No. 166 Street 352 **Telephone** 26 256
 Phnom Penh **Fax** 26 256
Contact person Hiroo Inoue
Other contacts Takayuki Kiryu
Country of International office Japan

Project title **Technical Assistance Project for Drinking Water Supply**
Government department partner Department of Hydrology
 at Central level

Location **Province** **District**
 Kandal Kandal Stung

Project status Ongoing / current project
Time period 1991 - 1994
Human resources **NGO staff**
 Number of expatriate employees 1
Government staff
 counterparts 3
Salary supplement for counterparts
 \$41 - \$80
 \$81 - \$120
Budget (\$US) Overall budget 700 000 This year 80 000
 Next year 80 000
 Source of funds Private donations and Ministry of Post and
 Telecommunications - Japan

Project requires local contributions per individual unit
 from user groups
 from local government
 as office space
 as food for daily labourers

Monitoring annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office

On completion of project
 Individual unit handed to end users
 NGO follows up with training/education

Area of Activity Water supply technical

Water Supply Ground water
Ground water

drilled wells
 Annual output 40

Pumps installed
 India Mk II
 India Mk III

Operation and maintenance arrangements
Responsible authority central

Provision of spare parts to end users from agency
provided free of charge
Drilling equipment Model FSW-3T
by local operator - hydrology technician
drilling record is maintained
Ownership of drilling equipment
during project - NGO
at end of project - DoH

Water Use Education

target audience - individual users

Type of training

use of facilities
maintenance training

Overall

Number of users per well	360
Number of users per pump	250

Comments

The project purpose is to construct a well with hand pump in all villages in Kandal Stung, making a total of 155 at the end of the project, later this year. The project originates from research from our nursing staff about sanitation, concluding that deep well pumps were required for drinking water. Please note that progress / evaluation reports are in Japanese.

Agency name Action Internationale Contre la Faim - AICF
Address No. 25 Street 360 **Telephone** 26 136
 Phnom Penh **Fax** 26 136
Contact person Paul Cottavoz
Other contacts Florence Daunis
Country of international office France

Project title **Integrated Assistance**
Government department partner Department of Health
 State Secretariat for Rural Development
 at Provincial level

Location	Province	District
	Preah Vihear	All accessible districts

Project status Ongoing / current project
Time period 1 year to June 94
Human resources **Agency staff**
 Number of expatriate employees 1
 Number of Cambodian employees 6
Government staff
 seconded employees 2
Salary supplement for seconded staff \$121 - \$160

Budget (\$US) Overall budget 100 000
 Source of funds ODA / Emergency Unit
 Project requires local contributions per individual unit
 from user groups
 as material contributions
 as a labour contribution

Monitoring annual self-evaluation/regular progress reports
On completion of project Individual unit handed to end users
 Programme is handed over to responsible local authority

Area of Activity	Water supply	technical education
	Sanitation	technical

Water Supply Ground water Rain water

Ground water

Type of wells

hand dug wells
 drilled wells
 combination of hand dug & drilled wells
 well maintenance

Annual output 47 in 6 months

Pumps installed

No pumps installed

India Mk III

Operation and maintenance arrangements

Responsible authority village

Provision of spare parts to end users from market

Spare parts not required

Payment for spare parts

from revolving fund at cost to villagers

Drilling equipment PAT 301

drilling record is maintained

Ownership of drilling equipment

during project - agency

at end of project - agency

Rain Water

Supplies for the use of individual families

Catchment system type

ponds

construction of water jars large

300

Operation and maintenance

Responsible authority village

Provision of spare parts to end users

market

Overall

Number of users per pump 15 - 30 families

Design water use (LCD) 20 to 50

Sanitation

Type of sanitation system constructed

pit latrine

VIP

Use of system

institutional

hospital

Surveys

1 Survey of water points in accessible areas

Training opportunities within this project - on the job training, - annual training sessions in coordination with AICF project staff in other provinces

List of reports

6 months progress report

Comments

The Water Project in Preah Vihear is one component of an emergency integrated assistance to a remote province where government staff are almost non-existent.

Drilling has been hampered by soil conditions. PAT 201 has proved unsuccessful and PAT 301 will soon be used.

Ponds dug are associated with WFP.

Local technicians are lacking - tradesmen have been trained and contracted following work plans.

Agency details

Agency name Action Internationale Contre la Faim - AICF
Address No. 25 Street 360 **Telephone** 26 136
 Phnom Penh **Fax** 26 136
Contact person Frederic Nicoleau
Other contacts Florence Daunis
Country of international office France

Project outline

Project title Integrated Rural Rehabilitation
Government department partner Department of Hydrology
 at Provincial level

Location Province District
 Takeo Samrong, Tram Kak

Project status Completed
 Ongoing / current project

Time period '91 - '93, '94

Human resources **Agency staff**
 Number of expatriate employees 2
 Number of Cambodian employees 6
Government staff
 counterparts 21
Salary supplement for counterparts
 \$81 - \$120

Budget (\$US) Overall budget 350 000
 Source of funds EEC

Project requires local contributions per individual unit
 project wide

from user groups
 from project partner
 as a labour contribution
 as office space
 as village 'cash box' for VLOM
 as workshop / storage

Monitoring annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office

On completion of project
 Individual unit handed to end users
 Programme is handed over to responsible local authority

Area of Activity Water supply technical
 education
 Institutional support
 Maintenance VLOM System

Water Supply Ground water

Ground water
 drilled wells
 combination of hand dug & drilled wells

Annual output 100

Pumps installed

standard pump - No. 6

Operation and maintenance arrangements

Responsible authority village

Provision of spare parts to end users

from agency from market

Payment for spare parts

from revolving fund at cost to villagers

Drilling equipment PAT 201 (PAT 301 soon)

drilling record is maintained

Ownership of drilling equipment

during project - agency

at end of project - POH

Water Use Education

target audience - institutional

target audience - individual users

Type of training

use of facilities

maintenance training

hygiene education

Education details - WUE with end users through interactive video, school children through teacher training

Overall

Number of users per pump

15 - 30 families

Design water use (LCD)

20 to 50

Institutional Support

provincial level

Type of support

Financial support

Logistical support

Technical advice

Training

Operational support

Management / administration

Surveys

1 Survey of water points in Tram Kak district

Training opportunities within this project - on the job training, - annual training sessions in coordination with AICF project staff in other provinces

List of reports

1 Report of completed 3 year project, 1991 - 1993

2 Reports on WUE

Comments

The completed project 3 year project includes 110 water points with handpumps, WUE started the second year for schools, the third year for end users.

The 1994 project is the consolidation of the former project with an extra 100 water points, and is a transition towards a longer term integrated project including vegetable gardens, small stock raising, animal health, primary school reconstruction and PHC/MCH at khum level.

Region 1: Africa

Agency name Action Internationale Contre la Faim - AICF
Address No. 25 Street 360 **Telephone** 26 136
 Phnom Penh **Fax** 26 136
Contact person Pierre Gobry
Other contacts Florence Daunis
Country of International office France

Region 2: Projea

Project title Rural Water Supply
Government department partner Department of Hydrology
 at Provincial level

Location	Province	District
	Siem Reap	All districts

Project status Completed
 Ongoing / current project
 Future

Time period 1992 - 1996

Human resources
Agency staff
 Number of expatriate employees 1
 Number of Cambodian employees 1
Government staff
 counterparts 20
Salary supplement for counterparts
 \$81 - \$120
 \$161 - \$200

Budget (\$US) This year 250 000

Source of funds AICF / CFD (Caisse Française de Développement)

Project requires local contributions per individual unit
 project wide

from user groups
 from project partner
 as a labour contribution
 as office space
 village 'cash box' for VLOM
 workshop / storage

Monitoring annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office

On completion of project
 Individual unit handed to end users
 Programme is handed over to responsible local authority

Area of Activity Water supply technical
 Institutional support
 Maintenance system as VLOM

Water Supply Ground water
Ground water

Type of wells

hand dug wells
drilled wells
combination of hand dug & drilled wells

Annual output 200

Pumps installed

standard pump - No. 6

Operation and maintenance arrangements

Responsible authority village

Provision of spare parts to end users from market

Payment for spare parts

from revolving fund at cost to villagers

Drilling equipment PAT 201 (PAT 301 to be bought)

drilling record is maintained

Ownership of drilling equipment

during project - agency

at end of project - POH

Water Use Education

Type of training

maintenance training

Education details - very limited due to insecurity

Overall

Number of users per pump 15 - 30 families

Design water use (LCD) 20 - 50

Institutional Support

provincial level

Type of support

Financial support

Logistical support

Technical advice

Training

Operational support

Management / administration

Surveys

1 Survey of existing water points in the province, including wells, ponds, rivers, canals by village - 1992

Training opportunities within this project - on the job training, - annual training sessions in coordination with AICF project staff in other provinces

List of reports

- 1 Yearly reports
- 2 Listing of units
- 3 Listing of water points

Comments

The project in Siem Reap is 'emergency style' due to security conditions and the needs of returnees. The project targets IDPs and returnees. The Drinking Water Supply section of the Siem Reap Department of Hydrology has been set up by this project.

Agency name Action Internationale Contre la Faim / USA - AICF / USA
Address Street 306 between 13 & 15 **Telephone** 62 120
 Phnom Penh **Fax** 62 120
Contact person Louis P O'Brien
Other contacts Richard Schroeder, Jeanne Hodaian
Country of international office USA

Project title North East Cambodia Community Water & Health Education
Government department partner

Department of Health
 SRD

at Central level
 at Provincial level

Location	Province	District
	Kratie	Chlong, Kratie, Prek Prasap, Sambo, Snuol
	Stung Treng	Stung Treng, Sesan, Siem Bok, Siem Pang, Thala Bariwatt

Project status Completed
 Ongoing / current project
 Future

Time period 1992 - 1995

Human resources

NGO staff

Number of expatriate employees 3
 Number of Cambodian employees 14

Government staff

counterparts 4

Salary supplement for counterparts

\$41 - \$80

Budget (\$US)

Overall budget 2 000 000 This year 650 000
 Next year 650 000
 Source of funds WSG, Foundations, In-kind contributions

Project requires local contributions per individual unit
 from user groups
 as material contributions
 as a labour contribution

Monitoring

annual self-evaluation/regular progress reports
 external evaluation
 Evaluation/progress reports available at NGO office

On completion of project

Individual unit handed to end users
 Programme is handed over to responsible local authority
 Programme is handed over to end users
 Programme is handed over to other NGO
 NGO follows up with training/education
 NGO follows up with materials / spare parts

Area of Activity

Water supply technical
 education

Technical advice
Training
Management / administration

Surveys

- 1 Community needs assessment

Training opportunities within this project - in community organisation, community health, well maintenance and repair and latrine maintenance

Training opportunities outside this project are minor, but include miscellaneous workshops and drilling rig operation

List of reports

- 1 UNHCR grant rep.
 - 2 Quarterly reports
 - 3 Various foundation reports
-

Agency name American Refugee Committee - ARC
Address No. 53 Street 360 **Telephone** 26 115
 Phnom Penh **Fax** 26 115
Contact person Brian Heidel
Other contacts Lay Hoor
Country of International office USA

Project title Kan Dieng Water & Sanitation Project, Pursat
Government department partner Department of Hydrology
 at Provincial level

Location Province Pursat District Kan Dieng

Project status Ongoing / current project
Time period to Sept 1995

Human resources **NGO staff**
 Number of expatriate employees 0.5
 Number of Cambodian employees 1
Government staff
 seconded employees 1
Salary supplement for seconded staff \$41 - \$80
Budget (\$US) Overall budget 15 000 This year 15 000+
 Source of funds USAID

Project requires local contributions per individual unit
 from user groups
 as material contributions
 as a labour contribution

Monitoring annual self-evaluation/regular progress reports
 Evaluation/progress reports available at NGO office

On completion of project
 Individual unit handed to end users
 Programme is handed over to responsible local authority
 Programme is handed over to other NGO
 NGO follows up with materials / spare parts

Area of Activity Water supply technical education
 Sanitation technical education

Water Supply Ground water

Ground water

Type of wells
 hand dug wells
 drilled wells
 combination of hand dug & drilled wells

Annual output 25

Pumps installed

standard pump - No. 6

Operation and maintenance arrangements

Responsible authority village

Provision of spare parts to end users from market

Payment for spares by owners of the well

Drilling equipment PAT

Rotary

drilling record is maintained

Ownership of drilling equipment

during project - NGO

at end of project - DoH

Water Use Education

target audience - institutional

Type of training

use of facilities

maintenance training

hygiene education

Education at schools, part of adult literacy programme

Overall

Number of users per well 150

Number of users per pump 400

Design water use (LCD) 50

Sanitation

Sanitation education

Target audience institutional individual users

Type of training

hygiene education

use of facilities

maintenance training

Sanitation education at schools

Type of sanitation system constructed

pour flush

VIP

Water requirement per use 2 - 3 litres

Use of system

private 2 - 4 families

institutional 50

Surveys

1 Kan Dieng water and sanitation survey, 1992 - district wide evaluation of facilities available, existing water sources and seasonal variations

Training opportunities within this project - field technicians in various technical approaches for water supply and sanitation; - seconded / supervisory staff in community development and other technical issues (water quality)

List of reports

1 Kan Dieng water and sanitation survey, 1992

Comments

On the completion of the project, some programmes are handed over to private suppliers

Agency details

Agency name Association for Supporting Buddhism - ASB
Address Quarter 3
 National Route 6
 Kompong Thom
Contact person Lak Smi
Other contacts Pech Sina
Country of International office Cambodia

Telephone
Fax

Project outline

Project title Water Supply
Government department partner Department of Hydrology
 at Provincial level

Location Province Kompong Thom District Kompong Svay, Prasat Balang, Stung

Project status Ongoing / current project
 Future

Time period
Human resources

Government staff
 seconded employees 5
 counterparts 9
Salary supplement for seconded staff \$41 - \$80
Salary supplement for counterparts \$41 - \$80

Budget (\$US) Overall budget 27 818
 Source of funds ACR, Maryknoll, CARE, Oxfam, ADRA

Monitoring Project does not require local contributions
 annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office

On completion of project Individual unit handed to responsible local authority
 Programme is handed over to responsible local authority

Area of Activity Water supply technical education
 Sanitation technical education
 Water mills
 Mobile water pumps

Water Supply Ground water Rain water Surface water
Ground water
Type of wells hand dug wells
 Annual output 198
 No pumps installed
 Mobile water pumps

Operation and maintenance arrangements

Responsible authority provincial district village
Provision of spare parts to end users from market
Payment for spare parts provided free of charge

Water Use Education

target audience - individual users

Type of training

hygiene education
 Education details - training in caring for, and cleanliness of wells and prevention of damage

Rain Water

Catchment system type
 tanks
 ponds
 construction of water jars small
 500 jars

Operation and maintenance

Responsible authority provincial district village

Surface Water

gravity supply
Operation and maintenance

provincial district village

Overall

Number of users per well 1 per village
Design water use (LCD) 100

Sanitation

Sanitation education

Target audience institutional

Type of training

promotion of sanitation
 hygiene education
 use of facilities
 Education details - oral extension training through provincial hydrology office

Type of sanitation system constructed

pour flush
 pit latrine

Comments

ASB has served as a conduit for contributions from ACR, ADRA, Maryknoll, Oxfam and CARE since 1991. To date this has included 424 wells, 500 latrines and 500 water jars.

Agency name Australian Catholic Relief - ACR
Address No. 17 Street 213 Phnom Penh
Telephone 26 200
Fax 26 200
Contact person Onesta Carpené
Other contacts Peter Kelly
Country of International office Australia

Project title Returnee Family Food Production Programme
Government department partner Agronomy, Women's Association, Education
 at Provincial level

Location	Province	District
	Banteay Mean Chey	Thmar Puork, Serey Sophorn, Monkol Borei, Preah Net Preah, Phnom Srok, Sisophon
	Battambang	Town District, Mong Russey, Sang Ke, Ek Phnom, Bavel
	Pursat	Kandieng, Bakan, Kravanh, Krakor, Town District
	Siem Reap	Town District, Soth Nikum, Puork, Angkor Thom, Chi Kreng

Project status Completed

Time period 8 months

Human resources

Agency staff

Number of expatriate employees 1.5

Number of Cambodian employees 92

Government staff

counterparts 6

Salary supplement for counterparts

\$121 - \$160

Budget (\$US)

Overall budget 210 000

Source of funds UNHCR

Project requires local contributions project wide
 from local government
 as a labour contribution
 as office space

Monitoring

annual self-evaluation/regular progress reports

Evaluation/progress reports available at agency office

On completion of project

Individual unit handed to end users

Programme is handed over to end users

agency follows up with training/education

Area of Activity

Water supply

technical
 education

Water Supply Ground water Rain water

Ground water

Type of wells

hand dug wells
well maintenance

Annual output 59

Water Use Education -

target audience - institutional
target audience - individual users

Type of training

training trainers

Rain Water

Supplies for the use of individual families

Catchment system type

ponds

construction of water jars small

Annual output 11 / 10,194

Operation and maintenance

Responsible authority village

Provision of spare parts to end users

market

Overall

Number of users per well 200

Number of users per pond several villages

Number of users per small jar one family

Comments

On completion of the project , the follow up training and education is the responsibility of UNICEF.

Agency name Australian Catholic Relief - ACR
Address No. 17 Street 213 **Telephone** 26 200
 Phnom Penh **Fax** 26 200
Contact person Onesta Carpené
Other contacts Harold Gray
Country of International office Australia

Project title Treang Integrated Rural Development Programme
Government department partner Department of Hydrology
 Department of Education
 at Provincial level

Location Province District

Takeo Treang

Project status Ongoing / current project

Time period

Human resources

Agency staff

Number of expatriate employees 4

Government staff

counterparts 2

Salary supplement for counterparts

\$41 - \$80

Budget (\$US)

Overall budget 38 000

Source of funds ACR & UNHCR

Project requires local contributions project wide
 from user groups
 from local government
 as material contributions
 as a labour contribution
 as education

Monitoring

annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office

On completion of project

Individual unit handed to end users
 agency follows up with training/education

Area of Activity

Water supply technical education
 Sanitation technical education
 Institutional support
 Flood control

Water Supply Rain water

Water Use Education
 target audience - institutional

Type of training

use of facilities
training trainers
maintenance training
hygiene education
Education details - all of these are integrated in the local school curriculum. Acr trains the teachers who pass this on to the students. Local villagers are also involved.

Rain Water

Supplies for the use of institutions
Catchment system type
tanks
ponds

52 / 6

Operation and maintenance

Responsible authority district village
Provision of spare parts to end users
market

Sanitation

Sanitation education

Target audience institutional individual users

Type of training

promotion of sanitation
hygiene education
use of facilities
training trainers
maintenance training

Education details - from construction and use to integration into the school curriculum, training the teachers.

Type of sanitation system constructed

pit latrine

Use of system

institutional school

Institutional Support

district level

Type of support

Technical advice
on choice of location, type of services and materials to be used.
Training
of teachers in the schools.

Surveys

Preliminary survey of local needs - which resulted in water as no. 1 priority.

Training opportunities within this project - 1 Training of teachers expanded to cover all of district. 2 Training of 10 supervisors ongoing.

Training opportunities outside this project - Ongoing training program of extension work, including water and sanitation.

List of reports

1 Reports covering the whole integrated project.

Comments

The 4 exatriate employees cover the whole integrated project, not just water and sanitation.

Agency name Australian Red Cross
Address No. 25A Street 302
 Phnom Penh
Telephone 26 065
Fax 26 065
Contact person Ginny Healy
Other contacts Stephen James
Country of International office Australia

Project title Oudong District Well Maintenance and Repair Project (ODWMRP)
Government department partner

Department of Health
 at district level

Location Province Kompong Speu District Oudong

Project status Ongoing / current project

Time period 6 / 12 month pilot

Human resources NGO staff

Number of expatriate employees 1

counterparts 3

Salary supplement for counterparts \$0 - \$40

Budget (\$US)

Project requires local contributions per individual unit
 as a labour contribution

On completion of project

Programme is handed over to responsible local authority

Area of Activity Water supply technical education
 Sanitation education
 Institutional support

Water Supply Ground water

well maintenance

Operation and maintenance arrangements

Responsible authority district village

Provision of spare parts to end users from agency

Payment for spare parts

provided free of charge

Spare parts provided by UNICEF

Water Use Education

target audience - individual users

Type of training

use of facilities

maintenance training

hygiene education

Education details - not yet formally introduced, at present on an ad hoc basis by
 repairmen, district water and sanitation and commune health workers

Sanitation

Sanitation education

Target audience institutional individual users

Type of training

promotion of sanitation

hygiene education

use of facilities

maintenance training

Sanitation education details - not yet commenced formally. Will be undertaken following pilot programme and also ongoing by commune health workers

Institutional Support

Type of support

Financial support

Funded training for 10 villagers and 3 district MoH staff. Provide per diems for outreach work of water and sanitation officers and accompanying staff. Also fuel allowance for same. Also some administrative costs.

Training

Coordinated training in basic well maintenance and repair of UNICEF wells. Also funded district officer for water and sanitation to attend GRET Drilling Training Feb/Mar '94.

Management / administration

Project planning undertaken by Oudong district health staff with ARC assistance and direction

Training opportunities within this project - as above

List of reports

- 1 Planning process report
- 2 Monthly activity report by district water and sanitation officer

Comments

Budget - ODWMP is part of an integrated ARC project in Oudong.

Hygiene and sanitation - incorporated into commune health worker activities, - following pilot review and further studies, sanitation and hygiene education will be undertaken by repairmen.

This is in planning stage - 1st priority is to get wells assessed then secure spare parts for repair.

Pilot project to May '94, so early days yet.

Agency name Cambodia Canada Development Program - CCDP
Address No. 198 Street 370 **Telephone** 27 338
 Phnom Penh **Fax** 27 338
Contact person Paul Levesque
Other contacts Lam Vong, Raymond Genesse
Country of International office Canada

Project title Local Initiative Project (CCDP)
Government department partner Department of Hydrology
 at Provincial level

Location Province Pursat District Pursat Town, Krakor

Project status Ongoing / current project

Time period

Human resources **Agency staff**
 Number of expatriate employees 4
Government staff
 counterparts 4
Salary supplement for counterparts
 \$81 - \$120

Budget (\$US) This year 32,600

Source of funds CCDP / CIDA

Project requires local contributions project wide
 from user groups
 as financial contributions
 as a labour contribution
 as equipment

Monitoring annual self-evaluation/regular progress reports
 external evaluation

On completion of project
 Individual unit handed to end users

Area of Activity Water supply technical
 Institutional support

Water Supply Ground water Rain water

Type of wells

hand dug wells

Annual output 95

No pumps installed

Operation and maintenance arrangements

Responsible authority village

Spare parts not required

Rain Water

Supplies for the use of individual families

Catchment system type

ponds

Annual output]

Operation and maintenance
Responsible authority

village

Institutional Support

provincial level

Type of support

Financial support

for office supplies, technical equipment (topographical & hydrological)

Technical advice

about planning and design for irrigation field

about water management - hydro meteorological station network, stream flow measurement

Training

English courses, technical, on-the-job

Surveys

Identification of old well locations

Training opportunities outside this project - technical course at Khon Kaen University

List of reports

- 1 Overview of Agriculture Sector of Pursat
- 2 Farming Systems - Pursat Province

Comments

Our focus is on water management at provincial level for water supply for drinking and agricultural purposes. We study individual watersheds and the corresponding benefit area, including hydrometeorological data collection, social information, soil quality, wells etc.

The hand dug wells and pond are part of our Local Initiative Project.

Section 1 Agency details

Agency name **Cambodian Red Cross - CRC**
Address 17 Vithei de la Croix Rouge
 Phnom Penh
Telephone 62 140, 26 017
Fax 62 140
Contact person Dr. Nguon Sakhon
Other contacts Dr. Uy Sam Ath
Country of international office Cambodia

Section 2 Project outline

Project title **CRC Project**

Location	Province	District
Banteay Mean Chey		Sisophon, Preah Net Preah, Serey Sophorn, Thmar Puork, Banteay Ampil
Battambang		Town, Srok Battambang, Ek Phnom, Mong Russey, Rattanak Mondul
Kompong Cham		Batheay, Cheung Prey, Ponhea Krek, Memot
Kompong Chhnang		Rolea Phiear, Samaki Meanchey, Tuk Phos
Kompong Som (Sihanoukville)		Prey Nup
Kompong Speu		Baset, Kong Pisey, Oudong, Thpong, Phnom Sruoch, Oral
Kompong Thom		Kompong Svay, Prasat Sambo, Prasat Balang
Kampot		Chhouk, Chum Kiri
Kandal		Kandal Stung, Muk Kampoul, Ponhea Leu, Khsak Kandal
Kratie		Snuol
Phnom Penh		Russey Keo, Dangkor
Prey Veng		Mesang, Kompong Trabek
Pursat		Krakor, Kandieng, Pursat Town, Bakan, Kravanh
Siem Reap		Saut Nikum, Siem Reap Town, Srok Siem Reap, Pouk, Kralanh, Banteay Srey, Angkor Thom
Svay Rieng		Svay Teap, Romeas Hek
Takeo		Bati, Tram Kak, Prey Kabass, Treang, Kirivong

Project status Ongoing / current project
Time period 2/94 - 2/95
Human resources **Agency staff**
 Number of expatriate employees 4
Budget (\$US) This year 40 000 MT rice
 Source of funds WFP
 Project requires local contributions per individual unit
 project wide
 from user groups
 as material contributions
 as tools
Monitoring annual self-evaluation/regular progress reports

external evaluation

Evaluation/progress reports available at agency office

On completion of project

Individual unit handed to end users

Programme is handed over to end users

Area of Activity

Water supply

technical

Water Supply

Ground water

Rain water

Ground water

Type of wells

hand dug wells

No pumps installed

Operation and maintenance arrangements

Responsible authority

village

Spare parts not required

Rain Water

Supplies for the use of individual families

Catchment system type

ponds

construction of water jars

small

Surveys

- 1 Water resources - hand dug wells, drilled wells, ponds, rivers, reservoirs
- 2 Agricultural production methods

Training opportunities outside this project - First Aid

List of reports

1 Daily labour output

2 Food assistance monitoring

3 Food distribution report

Other reports - Food distribution reports by project

Agency name CARE International in Cambodia
Address No. 4 Street 302 **Telephone** 26 233
 Phnom Penh **Fax** 26 233
Contact person Graham Miller, Johann Siffointe
Other contacts
Country of international office Australia

Project title Battambang Water QIP
Government department partner Department of Hydrology
 at Provincial level

Location **Province** Battambang **District** Banan, Tirhum Khet, Sang Ke, Srok Battambang, Ek Phnom

Project status Completed
Time period 1992 - 1993
Human resources **Agency staff**
 Number of expatriate employees 0.5
 Number of Cambodian employees 9
Government staff
 counterparts 1
Salary supplement for counterparts
 \$161 - \$200
Budget (\$US) Overall budget 88 000
 Source of funds UNHCR / CARE

Monitoring
 external evaluation
 Evaluation/progress reports available at agency office

On completion of project
 Individual unit handed to end users
 Project requires no further input
 agency follows up with materials / spare parts

Area of Activity Water supply technical education

Water Supply Ground water

Ground water

Type of wells
 hand dug wells
 drilled wells
 combination of hand dug & drilled wells
 well maintenance

Annual output 81

Pumps installed
 standard pump - No. 6
 India Mk III

Operation and maintenance arrangements
Responsible authority provincial village

Provision of spare parts to end users from agency
Payment for spare parts
provided free of charge
Drilling equipment Eureka Port-a-rig
drilling record is maintained
Ownership of drilling equipment
during project - agency
at end of project - agency

Water Use Education

target audience - individual users

Type of training

maintenance training

Education details - hand pump maintenance

Overall

Number of users per well 150

Number of users per pump 150

Design water use (LCD) 50

Training opportunities within this project - Hand dug well training, - Drilling well training

Agency name CARE International in Cambodia
Address No. 4 Street 302 **Telephone** 26 233
 Phnom Penh **Fax** 26 233
Contact person Garvan O'Keefe
Other contacts Tom Hurley
Country of international office Australia

Project title BIRCH
Government department partner

Department of Health
 at Central level

Location	Province	District
	Pursat	Bakan

Project status Ongoing / current project

Time period 7/93 - 5/95

Human resources NGO staff

Number of expatriate employees	1
Number of Cambodian employees	12

Budget (\$US)	Overall budget	130 000	This year	127 323
	Next year	127 323		
	Source of funds	USAID & CARE, USA		

Project requires local contributions per individual unit
 from user groups as a labour contribution

Monitoring annual self-evaluation/regular progress reports
 external evaluation
 Evaluation/progress reports available at agency office

On completion of project
 Individual unit handed to end users
 Project requires no further input
 agency follows up with training/education

Area of Activity	Water supply	technical education
	Sanitation	technical education

Water Supply Ground water

Ground water

hand dug wells

Annual output 100 - 120

No pumps installed

Operation and maintenance arrangements

Responsible authority village

Spare parts not required

Water Use Education

target audience - individual users

Type of training

maintenance training

hygiene education

Education details - informal education of well groups in hygiene education and well maintenance

Sanitation

Sanitation education

Target audience individual users

Type of training

hygiene education

use of facilities

maintenance training

Type of sanitation system constructed

pour flush

pit latrine

Water requirement per use 2 - 4 litres

Use of system

private

Surveys

1 Survey of quantity of water collected and numbers of users of wells finished in 1993

Training opportunities within this project - training of water well technicians

Training opportunities outside this project - in country training of senior staff when opportunity arises, overseas training only possible when special funds are made available

List of reports

1 Monthly reports

2 Quarterly reports

Comments

The sanitation component outlined here is due to begin during 1994

Agency name CARE International in Cambodia
Address No. 4 Street 302 **Telephone** 26 233
 Phnom Penh **Fax** 26 233
Contact person Johann Siffointe
Other contacts Graham Miller
Country of International office Australia

Project title Kratie Rural Drinking Water Supply
Government department partner Department of Hydrology
 Secretariat of Rural Development
 at Central level
 at Provincial level

Location Province District
 Kratie Kratie, Snuol

Project status Ongoing / current project
Time period 18 months

Human resources
Agency staff
 Number of expatriate employees 1.5
 Number of Cambodian employees 3
Government staff
 counterparts 9
Salary supplement for counterparts \$81 - \$120

Budget (\$US)
 Overall budget 500 000 This year 250 000
 Next year 250 000
 Source of funds ODA, CARE, Gersey

Project requires local contributions per individual unit
 project wide

from user groups
 from local government
 as material contributions
 as a labour contribution
 as office space
 as food
 as security

Monitoring annual self-evaluation/regular progress reports
 external evaluation

On completion of project
 Individual unit handed to responsible local authority
 Individual unit handed to end users
 Programme is handed over to responsible local authority
 Programme is handed over to end users
 Project requires no further input
 agency follows up with training/education
 agency follows up with materials / spare parts

Area of Activity Water supply technical
 education

Water Supply Ground water

Type of wells

- hand dug wells
- drilled wells
- combination of hand dug & drilled wells
- well maintenance

Pumps installed

standard pump - No. 6 Tara

Operation and maintenance arrangements

Responsible authority village

Provision of spare parts to end users from agency

Payment for spare parts

provided free of charge

Drilling equipment PAT 301

drilling record is maintained

Ownership of drilling equipment

during project - agency

Water Use Education

- target audience - institutional
- target audience - individual users

Type of training

- maintenance training
- hygiene education
- Education details - Water use, collection, storage, water related diseases, water point maintenance

Overall

Number of users per well	150
Number of users per pump	150
Design water use (LCD)	50

Institutional Support

provincial level

Type of support

- Logistical support
- Technical advice
- Training
- Operational support
- Management / administration

Training opportunities within this project - Hand dug well training, - Drilling well training, - Water use education, - Vehicle maintenance training

Section 1: Agency details

Agency name CARE International in Cambodia
Address No. 4 Street 302 Phnom Penh
Telephone 26 233
Fax 26 233
Contact person Graham Miller, Johann Siffointe
Other contacts Liz Hoban
Country of international office Australia

Section 2: Project outline

Project title Returnee Rehabilitation and Assistance Project (RRAP)
Location Province Banteay Mean Chey District Tirhum Khet, Preah Net Preah
Project status Ongoing / current project
 Future
Time period
Human resources **Agency staff**
 Number of expatriate employees 1.5
 Number of Cambodian employees 9
Budget (\$US) This year 11 000
Source of funds AIDAB (Australia)
 Project requires local contributions per individual unit project wide
 from user groups
 as material contributions
 as a labour contribution
 as office space
 as food
 as security
Monitoring annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office
On completion of project
 Individual unit handed to end users
 Programme is handed over to end users
 agency follows up with training/education
 agency follows up with materials / spare parts
Area of Activity Water supply technical education
Water Supply Ground water
Ground water
Type of wells
 combination of hand dug & drilled wells
 well maintenance
 Annual output 37
Pumps installed
 standard pump - No. 6
 India Mk III

Operation and maintenance arrangements

Responsible authority village

Drilling equipment Eureka Port-a-rig, percussion rig
drilling record is maintained

Ownership of drilling equipment

during project - agency
at end of project - agency

Water Use Education

target audience - individual users

Type of training

maintenance training

hygiene education

Education details - Water collection, use, storage, water related diseases, water point maintenance

Overall

Number of users per well 150

Number of users per pump 150

Design water use (LCD) 50

Training opportunities within this project - Hand dug well training, - Drilling well training, -
Water use education training

Agency name CARE International in Cambodia
Address No. 4 Street 302
 Phnom Penh
Telephone 26 233
Fax 26 233
Contact person Graham Miller, Johann Siffointe
Other contacts
Country of international office Australia

Project title Water Supply Rehabilitation Project
Government department partner Department of Hydrology
 at Provincial level

Location	<u>Province</u>	<u>District</u>
Banteay Mean Chey		Tirhum Khet, Svay Chek, Preah Net
Battambang		Preah, Sisophon, Mongkol Borei Tirhum Khet, Srok Battambang, Thmor Kol

Project status Completed

Time period 1992 - 1993

Human resources **Agency staff**

Number of expatriate employees 0.5

Number of Cambodian employees 1

Budget (\$US) Overall budget 119 000

Source of funds AIDAB (Australia)

Project does not require local contributions

Monitoring annual self-evaluation/regular progress reports

On completion of project

Individual unit handed to responsible local authority

Project requires no further input

Area of Activity Water supply technical

Water Supply Rain water

Rain Water

Supplies for the use of individual families

Catchment system type

ponds

21

Operation and maintenance

Responsible authority

provincial

Overall

Number of users per pond 300

Design water use (LCD) 100

Training opportunities within this project - Hand dug well training, - Drilling well training

Comments

Pond construction targeted areas with no other water source for safe drinking water

Agency name Catholic Relief Services - CRS

Address No. 20 Street 105 & 242
Phnom Penh

Telephone 26 404

Fax 26 404

Contact person

Other contacts

Country of International office USA

Project title CRS Project

Government department partner

Department of Health
at Provincial level

Location

Province

Battambang

District

Banan, Bavel

Project status Ongoing / current project

Time period 2 - 3 years duration

Budget (\$US)

Surveys

- 1 A health survey conducted by CRS includes questions on sanitation
-

Agency name Christian And Missionary Alliance - CAMA
Address No. 32C Street 592 **Telephone** 015 911130
 Tuol Kork **Fax**
 Phnom Penh
Contact person Stephen Westergren
Other contacts
Country of international office USA

Project title Water Tower - Provincial Hospital
Government department partner

Department of Health
 at Provincial level

Location Province District
 Kompong Cham Town

Project status Completed

Time period
Human resources

Agency staff

Number of expatriate employees 1

Government staff

counterparts 0.5

Budget (\$US)

Overall budget 21 500

Source of funds Private donors - individuals

Monitoring

Project does not require local contributions
 annual self-evaluation/regular progress reports

On completion of project

Individual unit handed to responsible local authority
 Programme is handed over to responsible local authority
 Project requires no further input

Area of Activity

Water supply technical

Water Supply

Ground water Surface water

Ground water

Type of wells

city well

Operation and maintenance arrangements

Responsible authority provincial

Spare parts not required

Surface Water

gravity supply

pumped supply

Operation and maintenance

Responsible authority provincial

Provision of spare parts to end user
 market

.



Comments

This project for a hospital water system was a one - off to meet an immediate need. Normally CAMA is not involved in water projects. The tank is 20 cubic metres with the potential to be filled twice a day, supplying a 400 bed hospital.

Agency name Christian Outreach - COR
Address No. 15 Street 816 **Telephone** 26 218
 Phnom Penh **Fax** 26 218
Contact person Simon Batchelor
Other contacts
Country of international office United Kingdom

Project title Agriculture, Business & Community Development (ABCD)
Government department partner

Ministry of Agriculture
 at Central level
 at Provincial level

Location	<u>Province</u>	<u>District</u>
	Prey Veng	Srok Prey Veng

Project status Ongoing / current project

Time period 1992 -

Human resources **NGO staff**

Number of expatriate employees 2

Number of Cambodian employees 2

Government staff

counterparts 1

Salary supplement for counterparts

\$41 - \$80

Budget (\$US) Overall budget 100 000 per year

Source of funds Private donor

Project requires local contributions per individual unit
 project wide

from user groups

from local government

as material contributions

as a labour contribution

as management

and drilling costs

Monitoring annual self-evaluation/regular progress reports

external evaluation

Evaluation/progress reports available at NGO office

On completion of project

Individual unit handed to end users

NGO follows up with training/education

Area of Activity		
Water supply		technical education
Sanitation		technical education
Flood control		

Water Supply Ground water Surface water

Ground water

Type of wells

- hand dug wells
- drilled wells
- combination of hand dug & drilled wells
- well maintenance

Annual output 150

Pumps installed

- standard pump - No. 6
- also Sok pump and Treadle pump

Operation and maintenance arrangements

Responsible authority village

Provision of spare parts to end users from market

Payment for spare parts

from revolving fund at cost to villagers

Drilling equipment

Pipe plus hand pump, Pipe plus circulating pump, operated by private contractors (some established with our assistance)

Water Use Education

target audience - individual users

Type of training

- training trainers
- maintenance training
- hygiene education
- Education details - on-site integrated health messages plus technical support to villagers

Surface Water

- gravity supply
- pumped supply

2

used for irrigation of vegetables

Operation and maintenance

Responsible authority village

market

Overall

Number of users per well 60 - 160

Number of users per pump 20 - 30

Sanitation

Sanitation education

Target audience individual users

Type of training

- promotion of sanitation
- hygiene education
- use of facilities
- training trainers
- maintenance training

Type of sanitation system constructed

- pour flush
- VIP
- Biogas (future)

Use of system

private 10 20

Institutional Support

district level

Type of support

Financial support

Salary

Logistical support

Motorbike

Technical advice

Training

Regular

Surveys

- 1 Mapping of village supplies (by villagers & checked by NGO)
- 2 Mother & Child Health survey in all villages as baseline

Training opportunities within this project - to users on handling pumps, to drillers on technical matters, to staff on developments and associated activities

Training opportunities outside this project - for other agencies on development (4 held so far)

List of reports

- 1 ABCD 92/93 final report
- 2 ABCD 93/94 interim report
- 3 ABCD 93/94 final report (soon)

Comments

The No 6 pump supplies 100+ people while the Sok pump is designed for 20 - 30 people or 3 - 4 families.

The treadle pump in our project is used primarily for providing irrigation to vegetables, although some people do drink it!

Our project also enjoys the help of many village volunteers who are not listed above.

Credit funds held by the villages are used to create more water points.

An output of 400 wells is anticipated for next year.

Drilling equipment is owned by private operators, both during and at the end of the project.

Agency name Church World Service - CWS
Address No. 30A Street 29 Phnom Penh
Telephone 27 786, 23 438
Fax 27 786
Contact person Ingrid Haas
Other contacts Carl Jansen, Yos Neang
Country of international office USA

Project title CWS Svay Rieng Community Development
Government department partner

Ministry of Agriculture
 at Provincial level

Location Province District

Svay Rieng Romduol, Kompong Ro

Project status Ongoing / current project

Time period 3 - 6 years

Human resources

NGO staff

Number of expatriate employees 1.5

Number of Cambodian employees 3

Government staff

seconded employees 1

Salary supplement for seconded staff

\$41 - \$80

Budget (\$US)

Project requires local contributions per individual unit
 from user groups
 as material contributions
 as a labour contribution

Monitoring

annual self-evaluation/regular progress reports
 external evaluation
 Evaluation/progress reports available at agency office

On completion of project

Individual unit handed to end users

Area of Activity

Water supply technical education
 Sanitation education

Water Supply

Ground water Rain water

Ground water

Type of wells

combination of hand dug & drilled wells

Annual output 30

No pumps installed

Operation and maintenance arrangements

No

Spare parts not required

Drilling equipment

Hand drilling with water pump 6 hp

drilling record is maintained

Ownership of drilling equipment
during project - agency

Water Use Education

target audience - individual users

Type of training

use of facilities

hygiene education

Education details - keeping well clean, prevention of contamination

Rain Water

Supplies for the use of individual families
ponds

100 - 150 ponds

Operation and maintenance

Responsible authority

village

Overall

Number of users per well

10 - 20 families

Number of users per pond

1 family

Sanitation

Sanitation education

Target audience

individual users

Type of training

promotion of sanitation

hygiene education

use of facilities

Education details - risks of polluting waters

Surveys

1 Basic survey / needs assessment in Romduol and Kompong Ro, including water consumption, distance to water and gender issues

Training opportunities within this project for water - well use and hygiene

List of reports

1 Etude de milieu dans le district Romduol (French & Khmer)

2 Etude de milieu dans le district Kompong Ro (French & Khmer)

Agency name Church World Service - CWS
Address No. 30A Street 29
 Phnom Penh
Telephone 27 786, 23 438
Fax 27 786
Contact person Mieke Weeda
Other contacts Vitaly Vorona, Mr Morab
Country of international office USA

Project title Sre Ampil Integration Project
Location Province Kandal District Kien Svay

Project status Ongoing / current project
 Future

Time period to June 1994, likely to be extended
Human resources NGO staff

Number of expatriate employees 1
 Number of Cambodian employees 1

Budget (\$US) Overall budget 150 000 This year 100 000
 Next year 50 000
 Source of funds Dutch Interchurch Aid

Project requires local contributions per individual unit
 project wide
 from user groups
 as material contributions
 as a labour contribution

On completion of project Individual unit handed to end users
 Programme is handed over to end users

Area of Activity Water supply technical education
 Sanitation technical education

Water Supply Ground water

Ground water

Type of wells

hand dug wells
 drilled wells
 combination of hand dug & drilled wells

Pumps installed

standard pump - No. 6
 Prey Veng, UPM, Vergnet

Operation and maintenance arrangements

Responsible authority village

Drilling equipment PAT 201 and traditional equipment
drilling record is maintained
Ownership of drilling equipment
during project - agency
at end of project - agency

Sanitation

Sanitation education

Target audience individual users
Type of training
promotion of sanitation

Surveys

Water survey - in association with GRET

Training opportunities within this project for water - well digging, provided for 2 persons, in association with GRET

Comments

The Sre Ampil project is working towards the integration of returnee families in the local community, based on a community development approach. Water is needed for both locals and returnees, while sanitation is not a priority, the approach is one of 'sanitation promotion'.

Agency name **Comité International de la Croix Rouge - ICRC**
Address 81 Boulevard Sothea-Ros **Telephone** 26 160, 60 071
 Phnom Penh **Fax** 26 159
Contact person Pierre-Yves Monnard
Other contacts
Country of International office

Project title **ICRC Water and Sanitation Programme in Cambodian Prisons**

Location	<u>Province</u>	<u>District</u>
	Banteay Mean Chey	Town
	Battambang	Town
	Kompong Chhnang	Town
	Kompong Som (Sihanoukville)	Town
	Kampot	Town
	Phnom Penh	
	Prey Veng	Town
	Pursat	Town
	Siem Reap	Town
	Svay Rieng	Town
	Ongoing / current project	

Time period

Budget (\$US)

Area of Activity	Water supply	technical
	Sanitation	technical

Comments

ICRC is actively involved in the rehabilitation of basic WATSAN infrastructures in Cambodian prisons. This includes wells, adduction to city water network, toilets, septic tanks, drainage canals etc. In the Phnom Penh area, the prisons involved are Tuol Sleng and Prey Sar.

Agency name Concern Worldwide
Address No. 27 Street 71
 Phnom Penh
Telephone 26 049
Fax 27 766
Contact person John Eliot
Other contacts Pdraig Nolan
Country of International office Ireland

Project title Chhouk Saw Forestry Project
Government department partner

Ministry of Agriculture
 at Provincial level

Location Province Kompong Chhnang District Rolear Phiear

Project status Ongoing / current project
Time period 1 year
Human resources **Agency staff**
 Number of Cambodian employees 1
Government staff
 seconded employees 1
Salary supplement for seconded staff
 \$161 - \$200
Budget (\$US) Overall budget 11 000 This year 11 000
 Source of funds Concern

Project requires local contributions per individual unit
 from user groups
 as material contributions
 as a labour contribution

Monitoring annual self-evaluation/regular progress reports
On completion of project
 Individual unit handed to end users
 Programme is handed over to end users
 Project requires no further input

Area of Activity Water supply technical
 Provision of housing and farming land

Water Supply Ground water
Ground water
Type of wells
 hand dug wells
 No pumps installed

Overall
 Number of users per well 10 - 15 families
 Design water use (LCD) 20

Surveys

1 Basic maps of villages showing location and type of water sources available

List of reports

1 6 monthly project reports

Agency name Concern Worldwide
Address No. 27 Street 71
 Phnom Penh
Telephone 26 049
Fax 27 766
Contact person Pdraig Nolan
Other contacts
Country of International office Ireland

Project title Community Development Project - Water Sector
Government department partner Department of Hydrology
 at Provincial level

Location Province Banteay Mean Chey District Preah Net Preah

Project status Future
Time period 4/94 - 4/95
Human resources **Agency staff**
 Number of expatriate employees 0.5
 Number of Cambodian employees 25
Government staff
 seconded employees 2
Salary supplement for seconded staff \$121 - \$160

Budget (\$US) Overall budget 200 000
 Project requires local contributions per individual unit
 from user groups as a labour contribution

Monitoring annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office

On completion of project
 Individual unit handed to end users
 Programme is handed over to end users
 Project requires no further input

Area of Activity Water supply technical education
 Sanitation technical education

Water Supply Ground water Rain water
Ground water
Type of wells
 hand dug wells
 drilled wells
 combination of hand dug & drilled wells
 well maintenance
 Annual output 0 - 100

Pumps installed

standard pump -

Operation and maintenance arrangements

Responsible authority village

Provision of spare parts to end users from market

Payment for spare parts

users purchase directly

Drilling equipment Eureka Port-a-rig, DoH-developed hand drill through DoH
drilling record is maintained

Water Use Education

target audience - individual users

Type of training

use of facilities

maintenance training

Education details - Programme will be developed through a broader community development approach and implemented in the same target areas

Rain Water

Supplies for the use of individual families

Catchment system type

ponds

construction of water jars large small

Operation and maintenance

Responsible authority village

Provision of spare parts to end users market

Overall

Number of users per well 100 (max)

Number of users per pond 10 (max)

Design water use (LCD) 20 minimum

Sanitation

Sanitation education

Target audience individual users

Type of training

promotion of sanitation

hygiene education

use of facilities

training trainers

maintenance training

Education details - in conjunction with Department of Health with training of district / commune health staff & village health workers

Type of sanitation system constructed

pit latrine

composting latrine

Use of system

private 5

Institutional Support

district level

Type of support

Training

Health and sanitation training - program to be developed

Operational support

Contract DoH to do mechanical drilling

Surveys

- 1 A simple water use survey of 240 people to help evaluate behaviour and use of facilities (pond, well, pump, stream)

Training opportunities within this project - informal training during implementation

Training opportunities outside this project may be available in health education, drilling or well construction

List of reports

- 1 Quarterly reports as they are available

Comments

Much of the outline of this project depends upon demand and the requests of end users. It is not envisaged that sanitation will be a priority, with type of sanitation system constructed depending on user requests, although pour flush is not advocated.

Agency name Concern Worldwide
Address No. 27 Street 71
 Phnom Penh
Telephone 26 049
Fax 27 766
Contact person Padraig Nolan
Other contacts
Country of International office Ireland

Project title **Integrated Assistance Project - Water Sector**
Government department partner Department of Hydrology
 at Provincial level

Location **Province** Banteay Mean Chey **District** Mongkol Borei, Serey Sophon, Tirhum
 Khet, Phnom Srok

Project status Completed
Time period 5/92 - 12/93
Human resources **Agency staff**
 Number of expatriate employees 1
 Number of Cambodian employees 10
Government staff
 seconded employees 2
Salary supplement for seconded staff \$81 - \$120

Budget (\$US) Overall budget 70 000
 Source of funds UNHCR, UNICEF

Monitoring Project does not require local contributions
 annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office

On completion of project
 Individual unit handed to responsible local authority
 Individual unit handed to end users
 Programme is handed over to end users
 agency follows up with materials / spare parts

Area of Activity Water supply technical
 education
 Institutional support

Water Supply Ground water Rain water

Ground water

Type of wells

hand dug wells
 drilled wells
 combination of hand dug & drilled wells

Annual output 11

Pumps installed

India Mk II
 NIRA AF 85

Operation and maintenance arrangements

Responsible authority provincial
 Provision of spare parts to end users from agency

Payment for spare parts
 provided free of charge

Drilling equipment Eureka Port-a-rig, PAT 211 Honda, Dando percussion rig
 through DoH
 drilling record is maintained

Ownership of drilling equipment
 during project - agency
 at end of project - DoH

Water Use Education

target audience - individual users

Type of training

use of facilities
 hygiene education
 Education details - limited, water use leaflets distributed

Rain Water

Supplies for the use of individual families
 ponds

14

Type of treatment system - Oxfam designed 'pond' base sand
 filters

Operation and maintenance

Responsible authority village

Overall

Number of users per well 100 families
 Number of users per pump 100 families
 Number of users per pond 100 families
 Design water use (LCD) 20 minimum

Institutional Support

district level

Type of support

Financial support
 Payment for two seconded staff, one a DoH water tester
 Training
 One technician to water testing training with Oxfam
 Operational support
 Assistance with equipment from UNBRO such as pumps, tools, PVC
 and water tanks
 Management / administration
 Assistance with borehole logs, stationery, desks and some computer
 access

List of reports

- 1 Regular progress reports
 - 2 Final reports
-

Agency name Concern Worldwide
Address No. 27 Street 71
 Phnom Penh
Telephone 26 049
Fax 27 766
Contact person Vivien Lusted
Other contacts Padraig Nolan
Country of International office Ireland

Project title Primary Health Care
Government department partner Department of Hydrology
 Department of Health
 at Provincial level

Location **Province** **District**
 Kompong Speu Samrong Tong

Project status Ongoing / current project
Time period 1 year +
Human resources **Agency staff**
 Number of expatriate employees 0.5
Government staff
 seconded employees 2
Salary supplement for seconded staff
 \$41 - \$80

Budget (\$US) Overall budget 15 000
 Source of funds EC
 Project requires local contributions per individual unit
 from user groups as a labour contribution

Monitoring annual self-evaluation/regular progress reports
On completion of project
 Individual unit handed to responsible local authority
 Individual unit handed to end users
 Programme is handed over to responsible local authority
 Programme is handed over to end users
 agency follows up with training/education

Area of Activity Water supply technical education
 Sanitation technical education
 Provision of housing and farming land

Water Supply Ground water Rain water

Ground water
Type of wells
 hand dug wells
 Annual output 100 - 120
 No pumps installed

Operation and maintenance arrangements

Responsible authority provincial district

Spare parts not required

Water Use Education

target audience - institutional

target audience - individual users

Type of training

use of facilities

training trainers

hygiene education

Education details - training for seonded staff, villagers and hydrology department where needed

Rain Water

Supplies for the use of individual families

Supplies for the use of institutions

construction of water jars small

Overall

Design water use (LCD)

20 minimum

Sanitation

Sanitation education

Target audience institutional individual users

Type of training

promotion of sanitation

hygiene education

use of facilities

Type of sanitation system constructed

pit latrine

Use of system

institutional

Institutional Support

district level

Financial support

Logistical support

Technical advice

Agency name Concern Worldwide
Address No. 27 Street 71
 Phnom Penh
Telephone 26 049
Fax 27 766
Contact person Bernie O'Neill
Other contacts Padraig Nolan
Country of International office Ireland

Project title Pursat Rehabilitation Programme
Government department partner

Department of Health
 at Provincial level

Location	<u>Province</u>	<u>District</u>
	Pursat	Bakan, Kravanh, Krakor

Project status Ongoing / current project
Time period 5/92 - 6/94
Human resources
Agency staff
 Number of expatriate employees 1
 Number of Cambodian employees 34
Government staff
 seconded employees 4
Salary supplement for seconded staff
 \$121 - \$160
Budget (\$US) This year 57 000

Source of funds EC

Project requires local contributions per individual unit
 from user groups
 as a labour contribution

Monitoring annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office

On completion of project
 Individual unit handed to end users
 Programme is handed over to responsible local authority
 Programme is handed over to end users
 agency follows up with training/education
 agency follows up with materials / spare parts

Area of Activity	Water supply	technical education
	Sanitation	education

Water Supply Ground water Rain water

Ground water

Type of wells
 hand dug wells
 drilled wells
 combination of hand dug & drilled wells

Annual output 350

Pumps installed
 standard pump - No. 6 Tara Afridev
 India Mk III
 NIRA AF 85 direct action

Operation and maintenance arrangements
 Responsible authority provincial

Provision of spare parts to end users from agency

Payment for spare parts
 provided free of charge

Drilling equipment Eureka, Dando
 Direct rotary
 drilling record is maintained

Ownership of drilling equipment
 during project - agency

Water Use Education

target audience - institutional
 target audience - individual users

Type of training

maintenance training
 hygiene education
 Education details - concerns water use

Rain Water

Supplies for the use of institutions

Catchment system type
 ponds
 Treatment system - filtration, sand & gravel filter at pond base

Operation and maintenance
 Responsible authority provincial

Overall

Number of users per well 15 families
Number of users per pump 25 families
Number of users per pond 30 families
Design water use (LCD) 40

Sanitation

Sanitation education

Target audience institutional individual users

Type of training
 promotion of sanitation
 hygiene education
 Education details - use of latrines

Type of sanitation system constructed

pour flush
 sewer networks

Use of system

institutional 50

Institutional Support

provincial level

Type of support

Operational support

Surveys

1 Resistivity survey for ground water investigation

List of reports

Monthly reports

Agency name Concern Worldwide
Address No. 27 Street 71
 Phnom Penh
Telephone 26 049
Fax 27 766
Contact person John Kavanagh
Other contacts Padraig Nolan
Country of International office Ireland

Project title Resettlement Project - Vulnerable Families
Government department partner Department of Hydrology
 Ministry of Agriculture
 at Provincial level

Location Province District

Siem Reap Kra Lanh, Puork

Project status Ongoing / current project

Time period 2/94 - 1/95

Human resources **Agency staff**

Number of expatriate employees 2

Number of Cambodian employees 10

Budget (\$US) Overall budget 19 000

Project requires local contributions per individual unit
 from user groups
 as a labour contribution

Monitoring annual self-evaluation/regular progress reports

On completion of project

Individual unit handed to end users
 Programme is handed over to end users
 Project requires no further input

Area of Activity Water supply technical
 Provision of housing and farming land

Water Supply Ground water

Ground water

Type of wells

hand dug wells
 drilled wells
 well maintenance

Annual output 50

Pumps installed

standard pump - No. 6

Operation and maintenance arrangements

Responsible authority provincial

Provision of spare parts to end users from market

Drilling equipment PAT Honda
 through AICF, Siem Reap

Ownership of drilling equipment

during project - agency

at end of project - agency

Water Use Education

target audience - individual users

hygiene education

Rain Water

Catchment system type

ponds

3

Responsible authority

village

Overall

Number of users per well

10 - 15 families

Number of users per pump

100 families

Number of users per pond

100 families

Design water use (LCD)

20 minimum

Agency name Concern Worldwide
Address No. 27 Street 71
 Phnom Penh
Telephone 26 049
Fax 27 766
Contact person Niall Roche
Other contacts Padraig Nolan, Khun Sothy
Country of International office Ireland

Project title Sanitation Programme in Banteay Mean Chey

Government department partner
 Department of Health
 at Provincial level

Location	<u>Province</u>	<u>District</u>
	Banteay Mean Chey	Preah Net Preah, Sisophon, Thmar Puork

Project status Ongoing / current project
Time period 7/93 - 7/94
Human resources **Agency staff**
 Number of expatriate employees 0.5
 Number of Cambodian employees 4

Budget (\$US) Overall budget 100 000
 Source of funds Concern

Project requires local contributions per individual unit
 from user groups
 as a labour contribution

Monitoring annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office

On completion of project
 Project requires no further input

Area of Activity	Water supply	technical
	Sanitation	technical education

Water Supply Ground water

Ground water

Type of wells

hand dug wells

Annual output 90

No pumps installed

Operation and maintenance arrangements

Responsible authority village

Spare parts not required

Overall

Number of users per well 10 families

Design water use (LCD) 20

Agency name Concern Worldwide
Address No. 27 Street 71
 Phnom Penh
Telephone 26 049
Fax 27 766
Contact person Pdraig Nolan, Niall Roche
Other contacts
Country of International office Ireland

Project title School Sanitation Programme
Government department partner Department of Hydrology
 Department of Health
 at Provincial level

Location Province Banteay Mean Chey District Mongkol Borei, Preah Net Preah, Phnom Srok, Serey Sophom

Project status Completed
Time period 1/93 - 2/94
Human resources **Agency staff**
 Number of expatriate employees 1
 Number of Cambodian employees 26
Government staff
 seconded employees 2
Salary supplement for seconded staff \$81 - \$120

Budget (\$US) Overall budget 152 816
 Source of funds UNDP, CARERE - BMC

Monitoring Project does not require local contributions
 annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office

On completion of project
 Individual unit handed to responsible local authority
 Individual unit handed to end users
 Programme is handed over to responsible local authority
 Programme is handed over to end users
 agency follows up with training/education

Area of Activity Water supply technical education
 Sanitation technical education
 Institutional support

Water Supply Ground water

Ground water

Type of wells

hand dug wells
 drilled wells
 combination of hand dug & drilled wells

Pumps installed

NIRA AF 85 direct action

Operation and maintenance arrangements

Responsible authority provincial

Provision of spare parts to end users from agency

Payment for spare parts

provided free of charge

Drilling equipment

Eureka Port-a-rig, PAT Honda, Dando percussion rig

Operated through DoH

drilling record is maintained

Ownership of drilling equipment

during project - agency

at end of project - DoH

Water Use Education

target audience - institutional

target audience - individual users

Type of training

use of facilities

maintenance training

hygiene education

Education details - Sanitarians visit schools giving lessons in general preventative health care together with practical demonstrations on well use

Overall

Number of users per well 25 families

Number of users per pump 25 families

Design water use (LCD) 20 minimum

Sanitation

Sanitation education

Target audience institutional individual users

Type of training

promotion of sanitation

hygiene education

use of facilities

training trainers

maintenance training

Education details - Sanitarians visit schools giving lessons in general preventative health care together with practical demonstrations on latrine use

Type of sanitation system constructed

VIDP

composting latrine

Use of system

institutional

Institutional Support

provincial level

Type of support

Financial support

Contracted payments for boreholes

Technical advice

Sanitation education as above

Operational support

Provision of equipment from UNBRO including pumps, tools & PVC

Management / administration

Assistance with borehole logs, stationery, desks etc.



Training opportunities outside this project - informal training in health education and health information dissemination may be available in BMC

List of reports

Monthly reports

Print Agency Details

Agency name Cooperation Internationale pour le developement et la Solidarite - CIDSE
Address No. 108 Street 296 Phnom Penh
Telephone 018 810761
Fax 018 810761
Contact person Peter Guest
Other contacts
Country of International office Ireland

Section 2 Project outline

Project title Community Development Project Kampot
Government department partner local partners at district level

Location	Province	District
	Kampot	Chum Kiri

Project status Ongoing / current project
Time period
Human resources **Agency staff**
 Number of expatriate employees 1
 Number of Cambodian employees 3
Government staff
 seconded employees 2
Salary supplement for seconded staff \$41 - \$80

Budget (\$US) Overall budget 20 000 This year 20 000
 Source of funds CIDSE

Monitoring Project does not require local contributions
 annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office

On completion of project
 Individual unit handed to end users
 Programme is handed over to responsible local authority
 agency follows up with training/education

Area of Activity Water supply technical education
 education

Water Supply Ground water
Ground water
 combination of hand dug & drilled wells
 Annual output 10
 No pumps installed
Operation and maintenance arrangements village
 Spare parts not required
Drilling equipment Hand operated
 drilling record is maintained

Ownership of drilling equipment
during project - agency
at end of project - DoH

Water Use Education
target audience - individual users

Type of training
use of facilities
hygiene education

Section 4 - Surveys comments

Surveys

- 1 Survey of existing wells in the district of Chum Kiri

Training opportunities outside this project - agricultural training, rice production, home gardening, animal health

Section 1 Agency details

Agency name Cooperation Internationale pour le developement et la Solidarite - CIDSE

Address No. 108 Street 296
Phnom Penh

Telephone 018 810761
Fax 018 810761

Contact person
Other contacts

Country of International office Ireland

Section 2 Project outline

Project title Community Development Project Kandal

Government department partner Department of Health
at district level

Location	<u>Province</u>	<u>District</u>
	Kandal	Muk Kampoul

Project status Ongoing / current project
Future

Time period 2 years

Human resources **Agency staff**
Number of Cambodian employees 1

Government staff
seconded employees 1
counterparts 2

Salary supplement for seconded staff \$161 - \$200

Salary supplement for counterparts \$121 - \$160

Budget (\$US) Overall budget 350 000 This year 140 000
Next year 110 000
Source of funds CIDSE

Project requires local contributions per individual unit
from user groups
from local government
as material contributions
as a labour contribution

Monitoring annual self-evaluation/regular progress reports

On completion of project Individual unit handed to end users
Programme is handed over to end users
agency follows up with training/education
agency follows up with materials / spare parts

Area of Activity Water supply technical
education
Sanitation technical
education
Institutional support

Sanitation and Water Supply

Water Supply

Ground water

Ground water

combination of hand dug & drilled wells

Operation and maintenance arrangements

district village

Drilling equipment

Drilling machine

Ownership of drilling equipment

during project - agency

Water Use Education

target audience - individual users

Type of training

maintenance training

hygiene education

Overall

Number of users per well

200

Sanitation

Sanitation education

Target audience

individual users

Type of training

promotion of sanitation

hygiene education

maintenance training

Type of sanitation system constructed

pour flush

private

1 family

Institutional Support

district level

Type of support

Financial support

per diem for drilling team

Logistical support

transportation for drilling machine

Technical advice

Surveys

- 1 Survey in Bak Kheng commune of Muk Kampoul District 1991

Comments

Ownership of drilling equipment reverts to district department of health at end of project

Agency name Cooperation Internationale pour le developement et la Solidarite - CIDSE
Address No. 108 Street 296 Phnom Penh
Telephone 018 810761
Fax 018 810761
Contact person Kyoko Kusakake
Other contacts Phum Sila, Keo Sareth
Country of international office Ireland

Project title Integrated Community Based Rural Development Programme In Svay Rieng
Location Province Svay Rieng District Srok Svay Rieng
Project status Ongoing / current project
Time period 5 months
Human resources **Agency staff**
 Number of expatriate employees 1
 Number of Cambodian employees 2
Budget (\$US) Overall budget 8000
 Source of funds CIDSE
 Project requires local contributions per individual unit
 from user groups
 as material contributions
 as a labour contribution
Monitoring annual self-evaluation/regular progress reports
On completion of project
 Individual unit handed to end users
 Programme is handed over to other agency
 Project requires no further input
 agency follows up with training/education
Area of Activity Water supply technical education

Water Supply Ground water

Ground water

Type of wells

combination of hand dug & drilled wells

Annual output 70

No pumps installed

Operation and maintenance arrangements

Responsible authority village

Spare parts not required

Drilling equipment Traditional hand water pump drilling equipment

drilling record is maintained

Ownership of drilling equipment

during project - agency

Water Use Education

target audience - individual users

Type of training

use of facilities

hygiene education

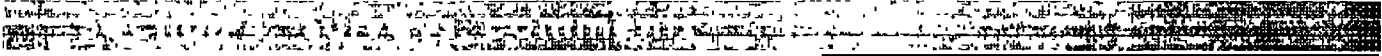
Education details - informal education on communal use and maintenance of well

Overall

Number of users per well

5-12 households

10



Comments

Ownership of the drilling equipment passes to the commune at the end of the project

Agency name Enfants du Cambodge
Address No. 6L Street 21 Phnom Penh
Telephone 60 004
Fax
Contact person Marie Jeanne Olive
Other contacts Mr Sa Im
Country of International office France

Project title Drinking Water
Government department partner Phnom Penh Municipality
 at Central level

Location Province Phnom Penh District Stung Mean Chey

Project status Ongoing / current project

Time period
Human resources

NGO staff
 Number of expatriate employees 1
 Number of Cambodian employees 1

Budget (\$US)

Project requires local contributions per individual unit
 from user groups as financial contributions

Monitoring annual self-evaluation/regular progress reports

On completion of project

Individual unit handed to end users
 Programme is handed over to end users
 NGO follows up with training/education

Area of Activity Water supply technical education
 education

Water Supply Ground water

Ground water

Type of wells

hand dug wells

Annual output 4

Pumps installed

standard pump - No. 6

Camata (GRET)

Operation and maintenance arrangements

Provision of spare parts to end users from market

Payment for spare parts

from revolving fund at cost to villagers

Water Use Education

target audience - individual users

Type of training

hygiene education

Education details - how to correctly use the pump and keep it clean. Carrying water, utilisation of drinking water.

Overall

Number of users per pump 200 - 500

Design water use (LCD) 100 / family

Sanitation

Sanitation education

Target audience individual users

Type of training

hygiene education



Agency name Food for the Hungry International - FHI
Address No. 259 Street 51 **Telephone** 62 145
 Phnom Penh **Fax** 27240
Contact person Alan Haslett
Other contacts Sambo, Sophat
Country of International office Switzerland

Section 2: Project outline

Project title Kampot Rural Water Supplies
Government department partner Department of Hydrology
 at Provincial level

Location Province District
 Kampot Chhouk, Chum Kiri, Dang Tung

Project status Ongoing / current project
Time period 1991 - 1996
Human resources **NGO staff**
 Number of Cambodian employees 1.5
 counterparts 11
Salary supplement for counterparts \$0 - \$40
 \$41 - \$80
 \$81 - \$120

Budget (\$US) Overall budget 250 000 This year 50 000
 Next year 50 000
 Source of funds FHI & ODA

Project requires local contributions per individual unit
 from user groups
 as a labour contribution

Monitoring annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office

On completion of project Individual unit handed to end users
 Project requires no further input

Area of Activity Water supply technical
 Sanitation education

Water Supply Ground water
 combination of hand dug & drilled wells
 well maintenance
 Annual output 40
 No pumps installed
Operation and maintenance arrangements
Responsible authority village
 Spare parts not required

Agency details

Agency name Groupe de Recherche et D'Echanges Technologiques - GRET
Address No. 176 Street 208 **Telephone** 015 911435
 Phnom Penh **Fax**
Contact person Jérôme Rihouey
Other contacts Mr Yen, Mr Te Navuth
Country of International office France

Project outline

Project title GRET Project
Government department partner Department of Hydrology
 at Central level
 at Provincial level

Location	Province	District
	Kompong Speu	Samrong Tong
	Kandal	Ponhea Leu, Kien Svay, Srok Phnom Penh
	Phnom Penh	Dangkao, Stung Mean Chey
	Prey Veng	Ba Phnom, Kamchay Mear, Sithor Kandal, Kompong Trabek, Peareang, Kanh Chreach, Prey Veng town

Project status Ongoing / current project
Time period 3 years to end 94
Human resources **NGO staff**
 Number of expatriate employees 1
 Number of Cambodian employees 27

Budget (\$US) This year 100 000

Project requires local contributions per individual unit
 project wide

from user groups
 from project partner
 as financial contributions
 as material contributions
 as a labour contribution

Monitoring annual self-evaluation/regular progress reports
 external evaluation
 Evaluation/progress reports available at agency office

On completion of project
 Programme is handed over to end users
 NGO follows up with training/education
 NGO follows up with materials / spare parts

Area of Activity Water supply technical
 education

Section 3: Project details

Water Supply Ground water

Ground water

Type of wells

- hand dug wells
- drilled wells
- combination of hand dug & drilled wells

Annual output 80

Pumps Installed

- standard pump - No. 6
- UPM & Vergnet (experimentation)

Operation and maintenance arrangements

Responsible authority village

Provision of spare parts to end users from market

Payment for spare parts

from revolving fund at cost to villagers

Drilling equipment PAT 201

Traditional equipment in Prey Veng

drilling record is maintained

Ownership of drilling equipment

- during project - NGO
- at end of project - NGO

Water Use Education

target audience - individual users

Type of training

- training trainers
- maintenance training
- hygiene education

Overall

Number of users per well	250
Number of users per pump	250
Design water use (LCD)	20 - 30 litres

Institutional Support

central level provincial level district level

Type of support

- Logistical support
- Technical advice
- Operational support
- Management / administration

Surveys

- 1 Exhaustive survey on existing water points in Samrong Tong District in Kompong Speu province
- 2 Hydraulique Villagione au Cambodge : Bruno Lemarguis

Training opportunities within this project - hand dug well training course

List of reports

- 1 Rapports d' activities (Semestrial & Annuel)
- 2 Liste des réalisations
- 3 Liste des participants aux stages

Section 1

Agency name Interaid International
Address No. 8 Street 398
 Phnom Penh
Telephone 015 911718
Fax
Contact person Jesila Ledesna
Other contacts Araceli Garcia, Chea Huot
Country of International office USA

Section 2

Project title **Tramkok Water and Sanitation**
Government department partner State Secretariat for Rural Development (SRD)
 at Central level

Location **Province** **District**

Takeo Tram Kak

Project status Ongoing / current project

Time period June 1993 to December 1994

Human resources **NGO staff**

Number of expatriate employees 2

Number of Cambodian employees 2.5

Budget (\$US) Overall budget 20 000 This year 10 000

Source of funds European Community

Project requires local contributions per individual unit
 from user groups

as a labour contribution

as food for government drilling technicians

Monitoring annual self-evaluation/regular progress reports

Evaluation/progress reports available at agency office

On completion of project

Individual unit handed to end users

Programme is handed over to end users

NGO follows up with training/education

Area of Activity Water supply technical
 education

Water Supply **Ground water**

combination of hand dug & drilled wells

Annual output 20

Pumps installed

standard pump - No. 6

Operation and maintenance arrangements

Responsible authority village

Drilling equipment Drilling truck (like UNICEF)
 machine

drilling record is maintained

Ownership of drilling equipment

During project - DoH

at end of project - DoH

Water Use Education

target audience - institutional

Type of training

use of facilities

training trainers

maintenance training

hygiene education

Water use education details - training of volunteer village health workers to conduct hygiene education. - technical training on maintenance and use of facilities

Overall

Number of users per pump

25 families

Surveys

1 Baseline data on incidence of water borne diseases in 7 villages in Tramkok Commune

Training opportunities within this project - water users hygiene education, - training on well maintenance, - hygiene education for volunteer village health workers

List of reports

1 Mid project implementation progress report

Comments

The drilling equipment is 'jointly' owned by DoH and SRD

Agency name International Rescue Committee - IRC
Address No. 21 Street 334 **Telephone** 26 405
 Phnom Penh **Fax** 26 405
Contact person Alice Levisay
Other contacts Mike Calabria, Bob Thelen, Scott Harding
Country of International office USA

Project title Integrated Rural Health & Development
Government department

Department of Health
 at Provincial level

Location Province District
 Kompong Chhnang Kompong Leng, Chul Kiri, Tuk Phos,
 Rolear Plear

Project status Ongoing / current project
Time period 1991 - 1996
Human NGO staff

Number of expatriate employees 7
 Number of Cambodian employees 36
 seconded employees
 counterparts 0.5
Salary supplement for counterparts \$0 - \$40

Budget (\$US) Overall budget 2 500 000 This year 720 000
 Next year 660 000
 Source of funds USAID, IRC, Canada Fund, Operation USA

Project requires local contributions per individual unit
 from user groups
 as financial contributions
 as material contributions
 as a labour contribution

Monitorin annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office

On completion of Individual unit handed to end users
 Programme is handed over to end users

Area of Water supply technical
 education
 Sanitation technical
 education
 Institutional support

Water Supply Ground water Rain water

Ground water

Type of wells

combination of hand dug & drilled wells

Pumps installed

standard pump -

Ownership of drilling equipment

during project - agency

Water Use Education

target audience - individual users

Type of training

use of facilities

training trainers

maintenance training

hygiene education

Rain Water

Supplies for the use of individual families

Supplies for the use of institutions

Catchment system type

tanks

construction of water jars

large

40 tanks, 670 jars

Operation and maintenance

Responsible authority

village

Provision of spare parts to end users

market

1 family

Number of users per small jar

Sanitation

Sanitation education

Target audience

institutional

individual users

Type of training

promotion of sanitation

hygiene education

use of facilities

training trainers

maintenance training

Sanitation education details - Training of village sanitation workers in

construction and maintenance of latrines, - General sanitation / hygiene

education for users and key community members

Type of sanitation system constructed

pour flush

VIP

Use of system

private

1 family

institutional

variable

Institutional Support

provincial level

Surveys

- 1 Household survey covering water and sanitation and other issues will be conducted early 1994. To be followed by an identical survey in late 1995.

Training opportunities within this project - training of village sanitation workers, - training of water jar makers, - nurse support training, - Midwife and TBA training

Training opportunities outside this project - small business skills training,

List of reports

- 1 Initial and updated proposal
- 2 Survey - as above

Comments

IRC actively promotes the Thai style 2 000 litre rainwater jar for roof catchment.

We also conduct training on rainwater jar construction as required

Agency details

Agency name International Rescue Committee - IRC
Address No. 21 Street 334 **Telephone** 26 405
 Phnom Penh **Fax** 26 405
Contact person Tom Petocz
Other contacts Mike Calabria, John Crippen
Country of international office USA

Project outline

Project title Water Supply / Health Education and Basic Assistance to Returnees and Local Villagers - Battambang Province

Government department partner

Department of Health
 at Provincial level

Location	<u>Province</u>	<u>District</u>
	Battambang	Moung Russei, Srok Battambang, Sang Ke

Project status Ongoing / current project
Time period 1993 -
Human resources NGO staff
 Number of expatriate employees 3
 Number of Cambodian employees 22
Budget (\$US) This year 250 000

Source of funds Stichting Vluchteling (SV), IRC, UNHCR

Project requires local contributions per individual unit
 from user groups
 as material contributions
 as a labour contribution

Monitoring annual self-evaluation/regular progress reports

On completion of project

Individual unit handed to end users
 Programme is handed over to end users

Area of Activity	Water supply	technical education
	Sanitation	technical education

Water Supply Ground water Rain water

Ground water

Type of wells

hand dug wells
 Hand dug well rehabilitation

Operation and maintenance arrangements

Responsible authority village

Provision of spare parts to end users from market

Water Use Education

target audience - institutional
 target audience - individual users

Type of training

- use of facilities
- training trainers
- maintenance training
- hygiene education

Rain Water

- Supplies for the use of individual families
- Supplies for the use of institutions
- Catchment system type
 - tanks
 - construction of water jars large small
- Operation and maintenance**
 - Responsible authority** village
 - Provision of spare parts to end users
 - market

Sanitation

Sanitation education

Target audience institutional individual users

Type of training

- promotion of sanitation
- hygiene education
- use of facilities
- training trainers
- maintenance training
- Sanitation education details - Training of village sanitation workers in hygiene education / general sanitation, hygiene education for users, key community members, school children etc.

Type of sanitation system constructed

- pour flush
- VIP
- composting latrine

Water requirement per use 1.5 - 3 litres

Use of system

- private 1 family
- institutional variable

Training opportunities within this project - training of village sanitation workers, - training of water jar makers, - training of other NGO staff in large water jar construction

Training opportunities outside this project - small business skills training, - nurse support training, - Midwife and TBA training

Comments

IRC actively promotes the Thai style 2 000 litre rainwater jar for roof catchment.
We also conduct training on rainwater jar construction as required

Section A - Provincial level

Agency name Japan International Volunteer Center - JVC
Address No. 35 Street 169 Phnom Penh
Telephone 27 435, 018 810900
Fax 27 435
Contact person Satoshi Tsukamoto
Other contacts
Country of International office Japan

Section B - Provincial level

Project title JVC Project
Government department partner Department of Health
at Provincial level

Location Province District
Kandal Srok Phnom Penh

Project status Ongoing / current project
Time period
Human resources **Agency staff**
Number of expatriate employees 1
Number of Cambodian employees 1
Government staff
seconded employees 3
Salary supplement for seconded staff \$0 - \$40
Budget (\$US) This year 11 250
Next year 10 000
Source of funds Postal Savings Funds of Japan
Project requires local contributions
from user groups
as a labour contribution

Monitoring annual self-evaluation/regular progress reports
Evaluation/progress reports available at agency office

On completion of project
Individual unit handed to end users
Programme is handed over to end users
agency follows up with training/education
agency follows up with materials / spare parts

Area of Activity Water supply technical
education
Sanitation education

Water Supply Ground water
Ground water
Type of wells
hand dug wells
26
No pumps installed
Operation and maintenance arrangements
Responsible authority village
Provision of spare parts to end users from market

Water Use Education

target audience - individual users

Type of training

use of facilities

training trainers

Education details - How to dig their own wells, finding water resources.

Overall

Number of users per well 10 families

Sanitation

Target audience individual users

Type of training

hygiene education

Education details - JVC Extension worker teaches villagers

Surveys

1 Local survey of water resources, distance from village, who carries water and identification of local experience

Training opportunities within this project - finding water line, - cement ring construction, - using water hygienically

Comments

JVC assists 2 communes in Phnom Penh District of Kandal, so far completing 62 wells in 12 villages. A small number of villagers are trained and they pass their skills to other villagers. This year JVC hopes to complete a monitoring and evaluation system.

Agency name Jesuit Refugee Service - JRS
Address No. 96 Street 592 **Telephone** 68 021
 Tuol Kork **Fax**
 Phnom Penh
Contact person Sophal
Other contacts Malcolm Ramsey, Marie-Jeanne Ath
Country of International office Thailand

Project title JRS Project
Government department partner Secretariat for Rural Development, Ministry of Social Action
 at Provincial level

Location Province District
 Kandal Srok Phnom Penh

Project status Ongoing / current project

Time period
Human resources **Agency staff**
 Number of expatriate employees 0.5
Government staff
 counterparts 2
Salary supplement for counterparts \$0 - \$40
Budget (\$US) This year 2 000

Source of funds WFP Food for Work, Private donors
 Project requires local contributions per individual unit
 from user groups
 as a labour contribution

Monitoring annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office

On completion of project
 Individual unit handed to end users
 Project requires no further input
 agency follows up with training/education

Area of Activity Water supply technical
 education
 Sanitation education

Water Supply Ground water Rain water

Ground water

Type of wells
 hand dug wells
 No pumps installed

Operation and maintenance arrangements
Responsible authority village

Spare parts not required

Agency name Lutheran World Service - LWS
Address No. 14 Street 232 **Telephone** 26 350
 Phnom Penh **Fax** 26 350
Contact person John Damerell
Other contacts Dr. Hussein Amirie
Country of international office Switzerland

Project title Water Supply Development Project - Hydrology Support
Government department partner Department of Hydrology
 at Central level
 at Provincial level

Location Province District

Project status Ongoing / current project
Time period 1992 - 1995
Human resources **NGO staff**
 Number of expatriate employees 1
 Number of Cambodian employees 1
Government staff
 counterparts 1
Salary supplement for counterparts
 \$81 - \$120
Budget (\$US) Overall budget 400 000 This year 100 000
 Next year 100 000
 Source of funds LWS related agencies / donors

Project requires local contributions project wide
 from local government
 as financial contributions
 as office space
 as basic operational costs for government
 offices etc.

Monitoring annual self-evaluation/regular progress reports
 external evaluation
 Evaluation/progress reports available at agency office
On completion of project Programme is handed over to responsible local authority

Area of Activity Institutional support
 Hydro-geological support to DoH

Institutional Support

central level

provincial level

Type of support

Financial support

for hydro-geological mapping of groundwater resources and the development of a database of all hydro-geological information at central DoH level

Logistical support

for hydro-geological mapping of groundwater resources and the development of a database of all hydro-geological information at central DoH level

Technical advice

for hydro-geological mapping of groundwater resources and the development of a database of all hydro-geological information at central DoH level

Training

on the job for counterpart and DoH personnel

Operational support

Management / administration

Surveys

Hydro-geological survey in progress

Comments

The hydro-geological component of the project is a national programme based in the central Department of Hydrology but affecting all provincial areas.

Agency name Lutheran World Service - LWS
Address No. 14 Street 232 **Telephone** 26 350
 Phnom Penh **Fax** 26 350
Contact person John Damerall
Other contacts Andrew Duncan
Country of International office Switzerland

Project title Water Supply Development Project - Meteorology
Government department partner Department of Hydrology
 at Central level
 at Provincial level

Location	Province	District
	Battambang	Town
	Kompong Som (Sihanoukville)	Town
	Kampot	Boueng Touk Cattle Station
	Kandal	Various
	Kratie	Town
	Mondulkiri	Town
	Phnom Penh	Pouchentong
	Pursat	Town
	Siem Reap	Town
	Stung Treng	Town
	Takeo	Phnom Tamao Cattle Station

Project status Ongoing / current project
Time period 1992 - 1995
Human resources **NGO staff**
 Number of expatriate employees 1
 Number of Cambodian employees 1
Government staff
 counterparts 3
Salary supplement for counterparts
 \$81 - \$120

Budget (\$US) Overall budget 399 100 This year 88 100
 Next year 115 000
 Source of funds LWS related agencies / donors

Project requires local contributions project wide
 from local government
 as financial contributions
 as office space
 as basic operational costs for government
 offices

Monitoring annual self-evaluation/regular progress reports
 external evaluation
 Evaluation/progress reports available at agency office

On completion of project Programme is handed over to responsible local authority

Area of Activity

Institutional support
Hydro-meteorology support to DoH

Project details

Institutional Support

central level

provincial level

Type of support

Financial support

for rehabilitation of hydro-meteorology office of DoH

Logistical support

for rehabilitation of hydro-meteorology office of DoH

Technical advice

for rehabilitation of hydro-meteorology office of DoH

Training

Operational support

Management / administration

Training opportunities within this project - on the job, 2 forecasters (Cambodian counterparts) sent to Australia for 3 months

List of reports

1 Annual LWS reports 1992

2 Annual LWS reports 1993 (in preparation)

Section 1 - Agency details

Agency name Lutheran World Service - LWS
Address No. 14 Street 232
 Phnom Penh
Telephone 26 350
Fax 26 350
Contact person John Damerell
Other contacts Vijay Gaekwad
Country of International office Switzerland

Section 2 - Project outline

Project title Water Supply Development Project - Rural Water Supply
Government department partner Department of Hydrology
 at Central level
 at Provincial level

Location	Province	District
	Kompong Speu	Baset, Kompong Speu, Kong Pisey, Oudong, Samrong Tong
	Kandal	Srok Phnom Penh, Ponhea Leu
	Takeo	Bati, Prey Kabass, Samrong

Project status Ongoing / current project

Time period 1992 - 1995

Human resources NGO staff

Number of expatriate employees 1.5

Number of Cambodian employees 3

Government staff

counterparts 1

Salary supplement for counterparts

\$81 - \$120

Budget (\$US) Overall budget 1 200 000 This year 400 000

Next year 400 000

Source of funds LWS related agencies / donors

Project requires local contributions per individual unit
 from user groups

from local government

as material contributions

as a labour contribution

as office space

Monitoring annual self-evaluation/regular progress reports

external evaluation

Evaluation/progress reports available at agency office

On completion of project

Individual unit handed to end users

Programme is handed over to responsible local authority

NGO follows up with training/education

NGO follows up with materials / spare parts

Area of Activity Water supply technical
 education
 Sanitation education
 Institutional support

Section 1 - Agency details		
Agency name	Maryknoll	
Address	No. 39 Street 306 Phnom Penh	Telephone
Contact person	J Noonan	Fax 26 620
Other contacts		
Country of International office		

Section 2 - Project details		
Project title	Maryknoll Project	
Location	<u>Province</u>	<u>District</u>
	Kompong Thom	
Project status	Completed	
Time period	1991 - 1993	
Budget (\$US)		
Area of Activity	Water supply	technical
<u>Water Supply</u>	Ground water	Rain water
Ground water		
Type of wells	hand dug wells	
	wells	
Annual output	100	
Rain Water		
Catchment system type	construction of water jars	
	300	

Section 1

Agency name Mennonite Central Committee - MCC
Address No. 29 Street 228 **Telephone** 26 592
 Phnom Penh **Fax** 26 592
Contact person John Coates
Other contacts John Finn
Country of international office USA / Canada

Section 2

Project title Mesang Community Development - Wells & Pumps
Government department partner Ministry of Agriculture

Location Province Prey Veng District Mesang

Project status Ongoing / current project

Time period 1993 - 1995

Human resources NGO staff

Number of expatriate employees 1

Number of Cambodian employees 7

Budget (\$US)

Project requires local contributions per individual unit
 from user groups
 as financial contributions
 as material contributions
 as a labour contribution

Monitoring annual self-evaluation/regular progress reports

On completion of project

Individual unit handed to end users

Area of Activity Water supply technical education
 education

Water Supply Ground water

Ground water

drilled wells
 well maintenance

Pumps installed

standard pump - No. 6
 also locally made pumps

Operation and maintenance arrangements

Responsible authority village

Drilling equipment

Hand driven bit
 Hand operated

Water Use Education

target audience - individual users

Type of training

use of facilities
 maintenance training

Comments

On completion of the project, the programme is handed over to the local well drillers.

The drilling equipment is owned by the local well drillers.

Agency name Oxfam
Address No. 64 Streets 57 & 398 Phnom Penh
Telephone 26261
Fax 26261
Contact person Jan-Willem Rosenboom
Other contacts Jeremy Ockelford
Country of International office United Kingdom & Ireland

Project title Hydrology Support Programme
Government department partner Department of Hydrology at Central level

Location Province District

Phnom Penh

Project status Ongoing / current project

Time period 1992 - May 1995

Human resources **NGO staff**

Number of expatriate employees 1.5

Government staff

counterparts 0.75

Budget (\$US) Overall budget 235 000 This year 95 000 - 120 000

Next year ?

Source of funds Oxfam UK & Ireland

Project requires local contributions project wide
 from project partner
 as office space

Monitoring annual self-evaluation/regular progress reports

external evaluation

Evaluation/progress reports available at NGO office

On completion of project

Programme is handed over to other NGO

Area of Activity

Institutional support

Institutional Support

central level

Type of support

financial

Very limited support for office equipment and furniture, covering cost of field trips, training courses etc.

technical advice

Preparation of manuals of standard practice, design drawings etc.

training

Technical trainings for central & provincial personnel on construction, water testing, operation and maintenance.

management / administration

Assistance in planning of annual activities in water management office; data collection and interpretation

Training opportunities within this project - limited possibility for non-DoH personnel to attend trainings as they are organised. No formal training offered.

List of reports

- 1 'Management Support Programme' - original project document (1992)
 - 2 ODA Inception Report, March 1994
 - 1 Handpump Standardisation Workshop Report (Feb 1993)
 - 2 'National Workshop on Village Level Operation and Maintenance of Handpumps' Workshop Report (March 1994)
-

Agency name Oxfam
Address No. 64 Streets 57 & 398
 Phnom Penh
Telephone 26261
Fax 26261
Contact person Foort Bustraan
Other contacts Jeremy Ockelford, Loes Bellaart, Krishna K.C.
Country of International office United Kingdom & Ireland

Profile

Project title Rural Drinking Water Supply
Government department partner Department of Hydrology
 at Provincial level

Location	Province	District
Banteay Mean Chey		Svay Chek, Monkol Borei, Preah Net Preah, Tirhum Khet,
Battambang		Srok Battambang, Bavel, Sang Ke, Banan, Ek Phnom, Tirhum Khet,

Project status Ongoing / current project

Time period 1990 - May 1995

Human resources **NGO staff**

Number of expatriate employees 2.75

Government staff

seconded employees 36

Salary supplement for seconded staff

\$41 - \$80

Budget (\$US)

This year 347 000

Next year 375 000

Source of funds Charity donations, some UK Govt funds, EEC

Project requires local contributions per individual unit
 from user groups
 as financial contributions
 as material contributions
 as a labour contribution

Monitoring annual self-evaluation/regular progress reports

external evaluation

Evaluation/progress reports available at NGO office

On completion of project

Individual unit handed to end users

Programme is handed over to responsible local authority

Area of Activity

Water supply

technical
 education

Institutional support

Water Supply

Ground water

Rain water

Ground water

Type of wells

drilled wells

Annual output 120 - 160

Pumps installed

standard pump - No. 6 Tara Afridev

Operation and maintenance arrangements

Responsible authority provincial

Provision of spare parts to end users from agency

Payment for spare parts

provided free of charge

Drilling equipment Eureka Port-a-rig; Eureka Drill System; PAT 201

Operated by trained POH staff

drilling record is maintained

Ownership of drilling equipment

during project - POH

at end of project - POH

Water Use Education

target audience - individual users

Type of training

use of facilities

training trainers

maintenance training

hygiene education

Rain Water

Supplies for the use of individual families

Catchment system type

tanks

Annual output 8 units

Type of treatment system - Foul flush

Operation and maintenance

Responsible authority village

Overall

Number of users per pump 150

Institutional Support

provincial level

Type of support

Technical advice

Well construction, drilling, appropriate maintenance systems

Training

Training of POH staff in well construction and maintenance, operation and maintenance of drilling rigs, social aspects of rural water supply

Operational support

Provision of rigs and transport, imported construction materials

Management / administration

Administration and planning for Rural Drinking Water Supply

Training opportunities within this project strictly for POH staff, training on technical and managerial aspects of Rural Drinking Water Supply project.

List of reports

1 3 monthly progress reports

Other reports

1 Irrigation evaluation report, Takeo PGM

2 Joint UNICEF-Oxfam evaluation report

3 Water use, health and hygiene practices survey report - Banteay Mean Chey, Battambang, Prey Veng and Svay Rieng (3/94)

Section 1 - Agency Profile

Agency name Oxfam
Address No. 64 Streets 57 & 398 Phnom Penh
Telephone 26 261
Fax 26 261
Contact person Abdulla Kai Kai
Other contacts Jeremy Ockelford, Rey Coloma, Krishna K. C.
Country of International office United Kingdom & Ireland

Section 2 - Project Profile

Project title Rural Drinking Water Supply
Government department partner Department of Hydrology at Provincial level

Location	Province	District
	Prey Veng	Kompong Trabek, Preah Sdech, Mesang, Ba Phnom, Prey Veng, Sithor Kandal, Kanh Chreach
	Svay Rieng	Romeas Hek, Svay Rieng, Kompong Ro, Chan Trea, Svay Teap, Romduol, Town district

Project status Ongoing / current project
Time period 1990 - May 1995
Human resources **NGO staff**
 Number of expatriate employees 2.75
Government staff
 seconded employees 28
Salary supplement for seconded staff
 \$41 - \$80
Budget (\$US)
 This year 440 000
 Next year 470 000
Source of funds Charity donations, some UK government grants
 Project requires local contributions per individual unit from user groups
 as financial contributions
 as material contributions
 as a labour contribution
Monitoring annual self-evaluation/regular progress reports
 external evaluation
 Evaluation/progress reports available at NGO office
On completion of project
 Individual unit handed to end users
 Programme is handed over to responsible local authority
Area of Activity Water supply technical education
 Institutional support

Water Supply Ground water
Ground water
Type of wells
 combination of hand dug & drilled wells.
 Annual output 120 - 160

Pumps installed
 standard pump - No. 6 Tara
Operation and maintenance arrangements
 Responsible authority provincial
Provision of spare parts to end users from agency
Payment for spare parts
 provided free of charge
Drilling equipment PAT 201
 Honda petrol engine & compressor, trained POH staff
 drilling record is maintained
Ownership of drilling equipment
 during project - POH
 at end of project - POH

Water Use Education

target audience - individual users
Type of training
 use of facilities
 training trainers
 maintenance training
 hygiene education

Overall

Number of users per well 150
Number of users per pump 150

Institutional Support

provincial level

Type of support
 technical
 well construction, appropriate maintenance systems
 training
 training of POH staff in well construction and maintenance, operation and maintenance of drilling rigs, social aspects of rural water supply
 operational
 provision of rigs and transport, imported materials for well construction
 managerial
 administration and planning for Rural Drinking Water Supply

Surveys

- 1 Survey of health and hygiene practices in Prey Veng & Svay Rieng - 150 households. Fieldwork completed 2/94. Analysis complete end 3/94.
- 2 Assessment of Provincial Office of Hydrology local staff - technical and management skills. Report complete end 3/94.

Training opportunities within the project strictly for Provincial Office of Hydrology staff. Training on technical and managerial aspects of Rural Drinking Water Supply project.

List of reports

- 1 Monthly progress reports for Rural Drinking Water Supply project
- 1 Joint UNICEF-Oxfam evaluation report
- 2 Provincial Offices of Hydrology assessment report (Prey Veng, Siem Reap, Battambang & Banteay Mean Chey)

Agency name Partnership for Development in Kampuchea - PADEK
Address No. 25B Street 214 **Telephone** 26 224
 Phnom Penh **Fax** 26 224
Contact person Robert Deutsch
Other contacts Someth Tuy
Country of International office Holland / Belgium

Project title Urban Community Development Programme
Government department partner Municipality of Phnom Penh
 at Central level

Location	Province	District
	Phnom Penh	Daun Penh, Russey Keo

Project status Ongoing / current project

Time period 3 years

Human resources

Agency staff

Number of expatriate employees 1

Number of Cambodian employees 4

Government staff

counterparts 6

Salary supplement for counterparts

\$81 - \$120

Budget (\$US)

This year 300,000

Source of funds NOVIB, FOS, Oxfam Belgium

Project requires local contributions per individual unit
 from user groups
 from local government
 as a labour contribution
 as office space

Monitoring

annual self-evaluation/regular progress reports

external evaluation

Evaluation/progress reports available at agency office

On completion of project

Individual unit handed to end users

Programme is handed over to end users

Area of Activity

Water supply technical

Sanitation technical

education

Institutional support

Piped water supply in slum alleyways

Water Supply Surface water

Surface Water

pumped supply
City supply water

Operation and maintenance
Responsible authority central

Overall

Number of users per system 1000 families

Sanitation

Sanitation education

Target audience individual users

Type of training
promotion of sanitation
hygiene education

Type of sanitation system constructed
sewer networks
and paving of alleys

Institutional Support

central level
Technical advice
for the Public Works and Communications Department

Surveys

- 1 1991 survey of water use in Psar Kandal II area

List of reports

- 1 Annual reports
- 2 Drainage studies of urban environment
- 3 Public Sanitation

Comments

The project goal is to work with local community groups to develop and manage their own projects in urban poor areas. So far, 1000 families served from 360 group and private water meters. We supply materials and technical assistance.

Agency name Redd Barna
Address No. 9 Street 322 **Telephone** 26 232
 Phnom Penh **Fax** 26 232
Contact person Somying Soontornwong
Other contacts
Country of international office

Project title **Child Oriented Community Development Project - Kong Pisey**
Government department partner

Ministry of Agriculture
 at Provincial level

Location **Province** **District**
 Kompong Speu Kong Pisey

Project status Ongoing / current project
Time period 5 year duration
Human resources **NGO staff**
 Number of expatriate employees 1
 Number of Cambodian employees 2
Government staff
 counterparts 10
Salary supplement for counterparts
 \$41 - \$80
Budget (\$US) Overall budget 800 000 This year 160 000
 Next year 150 000
 Source of funds Norway

Project requires local contributions project wide
 from user groups
 as material contributions
 as a labour contribution

Monitoring annual self-evaluation/regular progress reports
On completion of project
 Individual unit handed to end users
 Programme is handed over to end users
 NGO follows up with training/education
 NGO follows up with materials / spare parts

Area of Activity Water supply technical education
 Sanitation technical education

Water Supply Ground water Rain water

Ground water

Type of wells

hand dug wells

Operation and maintenance arrangements

Responsible authority

village

Provision of spare parts to end users

from market

Payment for spare parts

from revolving fund at cost to villagers

Water Use Education

target audience - individual users

Type of training

training trainers

hygiene education

Rain Water

Supplies for the use of individual families

Supplies for the use of institutions

Catchment system type

ponds

construction of water jars large

Operation and maintenance

Responsible authority village

Provision of spare parts to end users

agency

Overall

Number of users per well 5 - 20 families

Number of users per pond 1 / village

Sanitation

Sanitation education

Target audience individual users

Type of training

hygiene education

training trainers

Type of sanitation system constructed

pit latrine

Use of system

private

Training opportunities within this project - making of large water jars, well digging, hygiene

Agency name Redd Barna
Address No. 9 Street 322 **Telephone** 26 232
 Phnom Penh **Fax** 26 232
Contact person Han Rutten, Im Sam
Other contacts
Country of International office Norway

Project title Redd Barna Project
Government department partner Ministry of Agriculture, Phnom Penh Municipality
 at Provincial level

Location	<u>Province</u>	<u>District</u>
	Phnom Penh	Dangkor

Project status Ongoing / current project

Time period 1989 -

Human resources

NGO staff

Number of expatriate employees 1

Government staff

counterparts 14

Salary supplement for counterparts

\$121 - \$160

Budget (\$US)

Overall budget 500 000

This year 200 000

Source of funds Redd Barna, Norwegian Government, Dutch Government

Project requires local contributions per individual unit
 from user groups

as material contributions

as a labour contribution

as paddy for village rice bank

Monitoring

annual self-evaluation/regular progress reports

external evaluation

Evaluation/progress reports available at agency office

On completion of project

Individual unit handed to end users

Programme is handed over to end users

NGO follows up with training/education

Area of Activity

Water supply

technical
 education

Sanitation

technical
 education

Institutional support

Storm drainage

details**Water Supply** Ground water Rain water**Ground water****Type of wells**

hand dug wells

Annual output 50

No pumps installed

Operation and maintenance arrangements**Responsible authority** village

Spare parts not required

Water Use Education

target audience - individual users

Type of training

use of facilities

hygiene education

Education details - through village based community development workers

Rain Water

Supplies for the use of individual families

Supplies for the use of institutions

Catchment system type

tanks

ponds

construction of water jars large

Annual output 150

Operation and maintenance**Responsible authority** village**Overall****Number of users per well** 4 - 10 families**Number of users per tank** 1 school**Number of users per pond** 1 / village**Number of users per large jar** 1 / family**Sanitation****Sanitation education**

Target audience individual users

Type of training

promotion of sanitation

hygiene education

use of facilities

Type of sanitation system constructed

pour flush

2 litres

Use of system

private 1 family

institutional ?

Institutional Support

provincial level

Type of support

Financial support

Within the framework of the project

Logistical support

Within the framework of the project

Technical advice

Within the framework of the project

Surveys, comments

Surveys

- 1 Baseline survey
- 2 Vaccination survey
- 3 Land selling survey

Training opportunities within this project - making of large water jars, well digging, hygiene

List of reports

- 1 Project evaluation
 - 2 Well evaluation
 - 3 Under preparation - jar, latrine and pond evaluations
-

Section 1: Agency details

Agency name Rural Development Programme of Cambodia - RDPC
Address No. 57Eo Street 222
 Phnom Penh
 No.6 E1, Route 8, Village 3, Group
Contact person Huat Chan Suen
Other contacts
Country of international office Cambodia

Section 2: Project outline

Project title Water Hygiene and Ground Water
Location Province Kratie District Chhlong, Kratie
Time period
Budget (\$US)
On completion of project Evaluation/progress reports available at agency office
 Individual unit handed to end users
 Programme is handed over to end users
 Programme is handed over to other agency
 agency follows up with training/education
 agency follows up with materials / spare parts
Area of Activity Water supply technical education
 Sanitation technical education
 Water mills

Water Supply Ground water Rain water Surface water

Ground water

Type of wells

drilled wells
 well maintenance
 No pumps installed

Operation and maintenance arrangements

Responsible authority village

Provision of spare parts to end users from agency

drilling record is maintained

Water Use Education

target audience - institutional

Type of training

use of facilities
 training trainers
 hygiene education

Rain Water

Supplies for the use of individual families

Catchment system type

construction of water jars

Annual output 2

Operation and maintenance

Provision of spare parts to end users
agency village

Surface Water

pumped supply

Operation and maintenance

Responsible authority

village

Provision of spare parts to end user

agency

Overall

Number of users per well

20 families

Number of users per large jar

1 per family

Sanitation

Sanitation education

Type of training

hygiene education

training trainers

Type of sanitation system constructed

pit latrine

sewer networks

Training opportunities outside this project - Hydrology course in July - Aug '94

Comments

RDPC works in association with CAA and AICF/USA

Agency name SAWA
Address No. 19 Street 9
 Phnom Penh
Telephone 27 568
Fax 27 568
Contact person Rene van Lieshout
Other contacts Joop Schaap
Country of International office The Netherlands

Project title Urban Water Supply and Sanitation Rehabilitation Pursat & Battambang
Government department partner

Department of Industry / Public Works
 at Provincial level

Location Province Battambang District Town
 Pursat Town

Project status Ongoing / current project
Time period - Dec 94
Human resources **Agency staff**
 Number of expatriate employees 4
 Number of Cambodian employees 6
Government staff
 seconded employees 2

Budget (\$US) Overall budget 3 000 000
 Source of funds European Community
 Project requires local contributions project wide
 from local government
 as a labour contribution

Monitoring annual self-evaluation/regular progress reports
On completion of project Individual unit handed to responsible local authority

Area of Activity Water supply technical education
 Sanitation technical education
 Institutional support
 Storm drainage
 Waste water treatment plant
 Solid waste collection and disposal

Water Supply Surface water

Surface Water
 pumped supply
 Conventional treatment plant - Battambang
 Infiltration gallery and chlorination - Pursat

Operation and maintenance
Responsible authority provincial

Provision of spare parts to end user
agency
market

Sanitation

Sanitation education

Target audience institutional individual users

Type of training

promotion of sanitation
hygiene education
use of facilities
training trainers
maintenance training

Type of sanitation system constructed

pour flush
composting latrine
waste water treatment
sewer networks

Use of system

private
institutional

Institutional Support

provincial level

Type of support

Financial support
 for materials and equipment only
Logistical support
 for importation and transportation
Technical advice
 for design and construction of facilities
Training
Operational support
 by providing training in operation and maintenance
Management / administration
 support for organisation and management, by a series of workshops

Surveys

- 1 Town planning study - household survey
- 2 Solid waste study, inventory and collection / disposal proposal
- 3 Desk study latrines

Comments

The information provided on sanitation refers mainly to the Pursat part of the project. The waste water treatment and sewer networks are constructed in Battambang.
All construction includes town supplies.

Agency name United Nations Children Fund - UNICEF
Address No. 11 Street 75 **Telephone** 26 214, 26 215, 27 957, 27
 Phnom Penh **Fax** 26 284
Contact person Bhai Raja Sakya - Water supply
Other contacts Jamie Meiklejohn - Sanitation
Country of international office USA

Project title Water and Environmental Sanitation
Government department partner State Secretariat for Rural Development

Location	Province	District
	Banteay Mean Chey	
	Battambang	
	Kompong Cham	
	Kompong Chhnang	
	Kompong Speu	Samrong Tong
	Kompong Thom	
	Kampot	
	Kandal	
	Phnom Penh	
	Preah Vihear	
	Prey Veng	
	Pursat	
	Siem Reap	
	Svay Rieng	
	Takeo	Treang

Project status Ongoing / current project

Time period
Human resources

Agency staff
 Number of expatriate employees 4

Budget (\$US)

Source of funds UNICEF Programme Funding Office, New York

Project requires local contributions
 as material contributions
 and as food for drilling teams

Monitoring annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office

On completion of project

Individual unit handed to responsible local authority
 Programme is handed over to responsible local authority
 Programme is handed over to end users
 agency follows up with training/education
 agency follows up with materials / spare parts

Area of Activity Water supply technical
 education
 Sanitation technical
 education

Water Supply Ground water

Ground water

Type of wells

hand dug wells
drilled wells

Annual output 1500 - 2000

Pumps Installed

standard pump - No. 6
India Mk II
India Mk III

Operation and maintenance arrangements

Responsible authority central provincial

Provision of spare parts to end users from ministry from market

Drilling equipment Hydreco, Bourne, Ingersoll Rand, PAT Manual drilling rigs
drilling record is maintained

Water Use Education

target audience - institutional
target audience - individual users

Type of training

use of facilities
maintenance training
hygiene education

Overall

Number of users per well 250
Design water use (LCD) 45

Sanitation

Sanitation education

Target audience institutional individual users

Type of training

promotion of sanitation
hygiene education
use of facilities
training trainers

Type of sanitation system constructed

pour flush
Biogas

Water requirement per use 1 - 3 litres

Use of system

private 7
institutional 100

Institutional Support

central level provincial level district level

Type of support

Financial support
Logistical support
Technical advice
Training
Operational support
Management / administration



List of reports

IRC Evaluation

Comments

UNICEF works through the government. Ownership of the drilling equipment lies with the State Secretariat for Rural Development (SRD). All Cambodian staff on the project are those of the SRD. On average, there are 5 - 8 people in the project provinces, where projects usually cover a few districts per province and a few villages per district.

Agency name United Nations Development Programme - UNDP
Address No. 8 Street 352 **Telephone** 018 810270, 26 257, 26 167
 Phnom Penh **Fax** 27 632, 26 429
 also Phnom Penh Water Authority,
Contact person Dr. Johann Muehlbauer
Other contacts Paul Howell
Country of International office GKW Consult, Germany

Project title **Technical Assistance for the Rehabilitation of the Water Utilities of Phnom Penh and Sihanoukville**

Government department partner Phnom Penh and Sihanoukville Municipalities at Central level

Location Province District

Kompong Som (Sihanoukville)

Phnom Penh

Project status Ongoing / current project

Time period 1993 -1995

Human resources

Number of expatriate employees 12

Number of Cambodian employees 6

Government staff

counterparts 15

Salary supplement for counterparts \$0 - \$40

Budget (\$US) Overall budget 4 110 900 This year 2 455 000

Next year 662 410

Source of funds UNDP

Project requires local contributions project wide
 from project partner

as financial contributions

as material contributions

as a labour contribution

as office space

Monitoring annual self-evaluation/regular progress reports

external evaluation

Evaluation/progress reports available at agency office

On completion of project

Programme is handed over to responsible local authority

Area of Activity Water supply technical education

Institutional support

Water Supply Surface water

Water Use Education

target audience - institutional

Type of training

use of facilities
training trainers
maintenance training
hygiene education

Surface Water

pumped supply
45 million cubic metres
Treatment system - conventional treatment plus chlorination

Operation and maintenance

Responsible authority provincial

Overall

Design water use (LCD) 120

Surveys

1 House to house survey of consumers

Training opportunities within this project - local, regional and overseas

Comments

UNDP is an International Organisation and not an NGO.
UNDP is the financing agency for this project, while the implementing
agency is the World Bank

UNDP / OPS / CARERE

Address: Street 352
Phnom Penh

Tel: 018 810269
Fax: 018 810269

Contact: Michael Adair

Completed projects

Pursat

Construction of wells/reservoirs (10,25)
Construction of 20 handdug wells
Construction of 20 handdug wells
Construction of 30 ponds

Districts

Krakor, Kandieng, Kravanh, Bakan, Pursat
Pursat, Krakor, Kravanh
Krakor, Kandieng, Kravanh, Bakan, Pursat
Krakor, Kandieng, Kravanh, Bakan, Pursat

Battambang

Immediate needs project
Institutional water supply & sanitation prog.

Districts

Various
Various

Banteay Mean Chey

Tapho shallow well construction (100)
Handdug wells (47)
Handdug wells (24)
Handdug wells (38)
Handdug wells (70)
Handdug wells (80)
Handdug wells (46)
Ground water supply source development
Handdug wells (46)
Handdug wells (46)
Handdug wells (34)
Deep well construction (3)
Handdug wells (51)
Handdug wells (100)
Handdug wells (92)
Handdug wells (60)
Handdug wells (78)
Handdug wells (25)
Handdug wells (83)
Handdug wells (61)
Deep well construction (50)
Handdug wells (40)
Handdug wells (60)
Handdug wells (60)
Handdug wells (60)
Deep well construction (30)
Deep well construction (30)

Districts

Svay Chek
Ampil
Serey Sophorn
Serey Sophorn
Banteay Mean Chey
Phnom Srok
Thmar Puork
Ampil
Preah Net Preah
Thmar Puork
Sisophon

Monkol Borei
Monkol Borei
Monkol Borei
Preah Net Preah
Monkol Borei
Serey Sophorn
Thmar Puork
Preah Net Preah
Sisophon

Preah Net Preah
Monkol Borei
Monkol Borei
Thmar Puork
Monkol Borei

UNDP / OPS / CARERE

Address: Street 352
Phnom Penh

Tel: 018 810269
Fax: 018 810269

Contact: Michael Adair

Current projects

Pursat

Districts

Impl. of 50 drilling wells in 5 districts
Impl. of 30 handdug wells & 30 ponds in 4 dist.

Pursat
Pursat

Battambang

Districts

Watsan for clinics
Watsan for clinics

Various
Ek Phnom

Banteay Mean Chey

Districts

Materials for deep well construction (36)
Handdug wells (307)
Handdug wells (193)
Handdug wells (38)
Training of water usage groups (723)
5 PAT drilling rigs

Preah Net Preah
Monkol Borei
Preah Net Preah, Phnom Srok
Thmar Puork

Agency name Volunteer Service Abroad
Address No. 23 Street 334
 Phnom Penh
Telephone
Fax
Contact person
Other contacts
Country of International office New Zealand

Project title VSA Project
Government department partner Department of Hydrology
 Department of Health
Location **Province** Takeo **District** Tram Kak
Project status Ongoing / current project
Time period
Human resources **Agency staff**
 Number of expatriate employees 2
 Number of Cambodian employees 3
Budget (\$US) This year 3 000
Source of funds New Zealand Government & People
 Project requires local contributions
 as a labour contribution
Monitoring annual self-evaluation/regular progress reports
On completion of project
 Individual unit handed to end users
 Programme is handed over to end users
 agency follows up with training/education
 agency follows up with materials / spare parts
Area of Activity Water supply technical
 education
 Sanitation technical
 education
 Institutional support

Water Supply Ground water Rain water

Ground water

Type of wells

combination of hand dug & drilled wells

Annual output 6

Pumps installed

standard pump - No. 6

India Mk II

India Mk I

Operation and maintenance arrangements

village

Provision of spare parts to end users from agency

Payment for spare parts

provided free of charge - 215 -

Drilling equipment as AICF
 drilling record is maintained
 during project - agency
 at end of project - agency

Water Use Education

target audience - individual users

Type of training

use of facilities
 training trainers
 maintenance training
 hygiene education

Rain Water

Catchment system type
 ponds

2

Operation and maintenance

village

Overall

Number of users per well	60
Number of users per pump	60
Number of users per pond	60

Sanitation

Sanitation education

Target audience individual users

Type of training

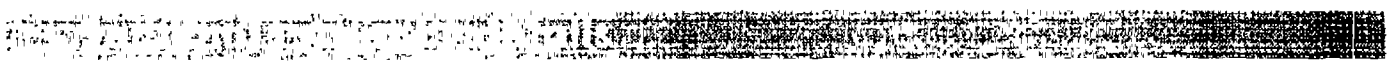
promotion of sanitation
 hygiene education
 use of facilities
 training trainers
 maintenance training
 Education details - at primary school level

Type of sanitation system constructed

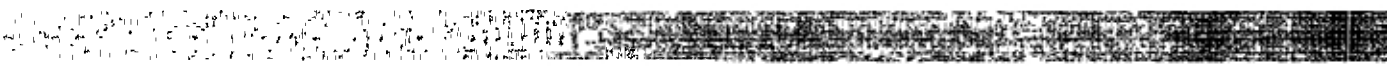
pit latrine

Use of system

private
 institutional 2 000 (school)



Agency name Women's Service Organisation
Address Phum Kung Noi
 Khum Kung Noi
 Kandal Stung District, Kandal
Contact person Srai Sokhon
Other contacts Hu Tong Heng
Country of international office Cambodia



Project title WSO Project
Government department partner Department of Health
 at Provincial level

Location Province Kandal District Kandal Stung

Project status Ongoing / current project
 Future

Time period
Human resources

Agency staff
 Number of Cambodian employees 7
Government staff
 seconded employees 7
 counterparts 4

Budget (\$US)

Overall budget 8600
 Source of funds Oxfam
 Project requires local contributions project wide
 from user groups
 from local government
 as material contributions
 as a labour contribution

Monitoring

annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office

On completion of project

Individual unit handed to responsible local authority
 Programme is handed over to responsible local authority
 Project requires no further input
 agency follows up with training/education

Area of Activity

Water supply technical education
 Sanitation technical education
 Micro hydropower

Water Supply

Ground water Rain water Surface water

Ground water

Type of wells

hand dug wells
 well maintenance

Pumps installed

Yanmar No. 16

Operation and maintenance arrangements

Responsible authority village

Provision of spare parts to end users from agency

from revolving fund at cost to villagers

Drilling equipment

Ownership of drilling equipment

during project - agency

at end of project - agency

Water Use Education

target audience - individual users

Type of training

training trainers

hygiene education

Rain Water

Supplies for the use of individual families

Supplies for the use of institutions

Catchment system type

ponds

construction of water jars small

Operation and maintenance

Responsible authority district village

Provision of spare parts to end users

agency

Surface Water

pumped supply

Operation and maintenance

Responsible authority district village

Provision of spare parts to end user

agency

Overall

Number of users per well 5 families

Number of users per pump 30 families

Number of users per pond 3 families

Number of users per small jar 4

Sanitation

Sanitation education

Target audience institutional

Type of training

promotion of sanitation

hygiene education

use of facilities

training trainers

maintenance training

Type of sanitation system constructed

pit latrine

Surveys

1 Water and hygiene survey

Agency details

Agency name World Education
Address No. 223 Street 51 (Corner St 51 & Phnom Penh
Telephone 015 911428
Fax 26 268
Contact person Assefa F Noza
Other contacts Tani Ito, Marylynn Youngwerth
Country of International office USA

Annex 2 Project outline

Project title Water & Hygiene Education Training
Government department partner Department of Health
 Secretariat Rural Dev., Secretariat Women's Affairs
 at Central level
 at Provincial level

Location	Province	District
	Kandal	

Project status Ongoing / current project
Time period Jan - Dec 94
Human resources **Agency staff**
 Number of expatriate employees 1.5
 Number of Cambodian employees 2
Government staff
 counterparts 0.25
Salary supplement for counterparts \$0 - \$40

Budget (\$US) Overall budget 88 897
 Source of funds UNICEF & USAID

Project requires local contributions
 as training space and lodging for participants

On completion of project
 Programme is handed over to other agency

Area of Activity Water supply education
 Sanitation education

Water Use Education

target audience - institutional

Type of training

training trainers

Education details - 1 Starting work with the community, 2 Planning and implementing sustainable projects, 3 Designing, planning, implementing and evaluating water and hygiene education. To complement the infrastructure improvements.

Sanitation

Sanitation education

Target audience institutional

Type of training

training trainers

Education details - refer to water use education

Institutional Support

central level

provincial level

district level

Training

As specified

Section 4: Surveys, comments

Section 1 - Agency Profile

Agency name World Food Programme - WFP
Address No. 250 Street 63
 Phnom Penh
Telephone 26 205
Fax 26 205
Contact person Kenro Oshidari
Other contacts
Country of International office United Nations, Italy

Section 2 - Project Profile

Project title Infrastructure Development & Employment Creation
Government department partner Ministry of Agriculture
 at Central level
 at Provincial level

Location	Province	District
	Banteay Mean Chey	
	Battambang	
	Kompong Cham	
	Kompong Chhnang	
	Kompong Som (Sihanoukville)	
	Kompong Speu	
	Kompong Thom	
	Kampot	
	Kandal	
	Kratie	
	Phnom Penh	
	Preah Vihear	
	Prey Veng	
	Pursat	
	Siem Reap	
	Svay Rieng	
	Takeo	

Project status Ongoing / current project
 Future

Time period 1994 - 1995

Human resources **NGO staff**

Number of expatriate employees 4
 Number of Cambodian employees 20

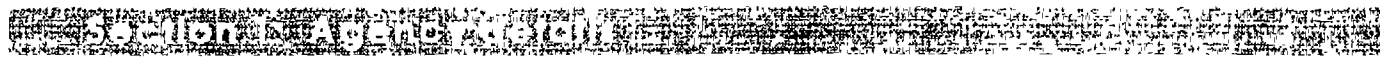
Government staff
 counterparts 100

Budget (\$US) Overall budget 2 000 000

Source of funds Government (of various countries) contributions

Project requires local contributions per individual unit
 from user groups
 as material contributions
 and tools

Monitoring annual self-evaluation/regular progress reports
 Evaluation/progress reports available at agency office



Agency name World Health Organisation - WHO

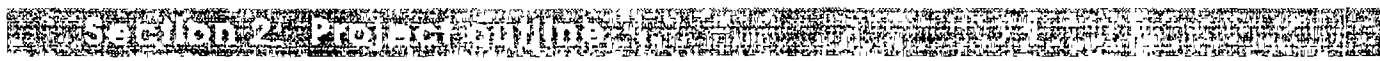
Address No. 120 Streets 51 & 228
Phnom Penh

Telephone 26 211, 26 610
Fax 26 211

Contact person

Other contacts

Country of International office International



Project title WHO Project

Government department partner

Department of Health
at Central level

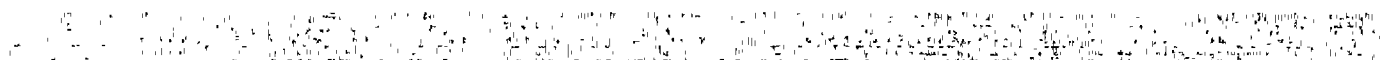
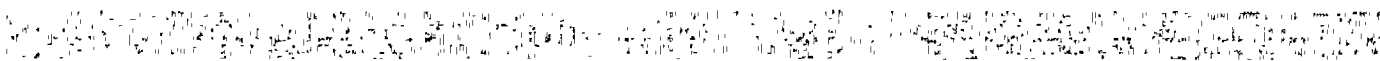
Location

Province

District

Time period

Budget (\$US)



Comments

WHO has no specific projects for water and sanitation in the Kingdom of Cambodia. Our Regional Office for the Western Pacific has a programme for environmental health, which includes water and sanitation. Consultants have visited Cambodia to assess solid waste management in Phnom Penh. The WHO Sanitary Engineer responsible for the Kingdom of Cambodia, is Russel Abrams, Office of the WHO Representative, 2A Van Phuc Residential Quarters, Hanoi, Socialist Republic of Vietnam. Fax: (844) 233 301, Tel: (844) 257 901, 252 148.

Agency name World Vision International - WVI
Address No. 34 Street 832
 Phnom Penh
Telephone 26 052
Fax 26 220
Contact person Tri Budiariojo
Other contacts John Morse
Country of international office USA

Project title WVI Project (various projects covered)
Government department partner

Department of Agriculture
 at Central level
 at Provincial level

Location	<u>Province</u>	<u>District</u>
	Battambang	Rattanak Mondul, Banan, Municipality
	Kompong Chhnang	Kompong Tralach
	Kompong Speu	Oudong
	Kompong Thom	Prasat Sambo, Prasat Balang
	Kandal	Kandal Stung, Srok Phnom Penh

Project status Ongoing / current project

Time period

Human resources

NGO staff

Number of expatriate employees 1

Number of Cambodian employees 4

Government staff

seconded employees 3

counterparts 6

Salary supplement for seconded staff

\$161 - \$200

Salary supplement for counterparts

\$41 - \$80

Budget (\$US)

Source of funds World Vision support offices

Project requires local contributions per individual unit
 from user groups
 as material contributions
 as a labour contribution

Monitoring

annual self-evaluation/regular progress reports

external evaluation

Evaluation/progress reports available at NGO office

On completion of project

Individual unit handed to end users

Programme is handed over to responsible local authority

Programme is handed over to end users

NGO follows up with training/education

Area of Activity

Water supply

technical

Sanitation

technical

education

also watergates

<u>Water Supply</u>	Ground water	Rain water	Surface water
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Ground water**Type of wells**

hand dug wells

drilled wells

combination of hand dug & drilled wells

Operation and maintenance arrangements**Responsible authority**

village

Water Use Education

target audience - individual users

Type of training

hygiene education

Rain Water

Supplies for the use of individual families

Catchment system type

tanks

ponds

construction of water jars

large small

Operation and maintenance**Responsible authority**

village

Surface Water

gravity supply

Operation and maintenance**Responsible authority**

village

Overall**Number of users per well**

10 families

Number of users per tank

1 family

Number of users per pond

30 families

Number of users per large Jar

2 / family

Number of users per small jar

2-3 / family

Sanitation**Sanitation education**

Target audience

individual users

Type of training

promotion of sanitation

hygiene education

Type of sanitation system constructed

pour flush

pit latrine

Water requirement per use

2 - 3 litres

Use of system

private

1 / family

Institutional Support

central level

provincial level

district level

Type of support

Logistical support

Office supplies - for reporting, bulletins etc.



List of reports

1 Regular monthly / -quarterly internal reports

Comments

World Vision is not specialising in water and sanitation projects. They are part of a wider rural development project with a focus on health and agriculture.

These responses cover various parts of 4 rural health projects, 3 agriculture projects and 2 women in development projects

Agency name Youth With A Mission
Address No. 96 Street 118 Phnom Penh
Telephone 015 911220
Fax
Contact person Harry Zuberbuhler
Other contacts Philip Scott
Country of international office International

Project title Water System Repair in Stung Treng Town
Government department partner Ministry of Transport & Communications
 at Central level
 at Provincial level

Location	<u>Province</u>	<u>District</u>
Stung Treng		Stung Treng District

Project status Ongoing / current project

Time period 2 years

Human resources **Agency staff**

Number of expatriate employees 1

Government staff

counterparts 3

Budget (\$US) Overall budget 25 000

Project requires local contributions
 from user groups
 from local government
 as a labour contribution
 as repayment of loan for the project

On completion of project

Individual unit handed to responsible local authority
 Programme is handed over to responsible local authority
 agency follows up with training/education

Area of Activity Water supply technical

Water Supply Surface water

Surface Water

pumped supply

Operation and maintenance

Responsible authority provincial

Provision of spare parts to end user

ministry

market

Overall

Number of users per system 5 000

Comments 10% of income from water must be banked to pay for repairs

13

blank questionnaire & evaluation

SURVEY OF NGO AND IO ACTIVITIES IN THE WATER SECTOR BY PROJECT

Project Title _____

Implementing Agency _____

(Please note that it is possible to tick more than one box for most questions. Please do so where it best describes your situation)

Agency Address (Please indicate any changes to your agency details)

Telephone _____

Fax _____

Contact person for project _____

Other contacts _____

Country of origin of international office _____

Government department partner

Department of Hydrology

Department of Health

Other _____

Level Central Provincial

Project Location

	<u>Province</u>	<u>Districts</u>
<input type="checkbox"/>	Banteay Mean Chey	_____
<input type="checkbox"/>	Battambang	_____
<input type="checkbox"/>	Kompong Cham	_____
<input type="checkbox"/>	Kompong Chhnang	_____
<input type="checkbox"/>	Kompong Som (Sihanoukville)	_____
<input type="checkbox"/>	Kompong Speu	_____
<input type="checkbox"/>	Kompong Thom	_____
<input type="checkbox"/>	Kampot	_____
<input type="checkbox"/>	Kandal	_____
<input type="checkbox"/>	Koh Kong	_____
<input type="checkbox"/>	Kratie	_____
<input type="checkbox"/>	Mondul Kiri	_____
<input type="checkbox"/>	Phnom Penh	_____
<input type="checkbox"/>	Preah Vihear	_____
<input type="checkbox"/>	Prey Veng	_____
<input type="checkbox"/>	Pursat	_____

- Ratanakiri _____
- Siem Reap _____
- Stung Treng _____
- Svay Rieng _____
- Takeo _____

Project Status

- Completed Ongoing / current project Future
- Time period of project _____

Human Resources (Please include all field, teaching, administration and
NGO staff support staff involved in this project)

Number of expatriate employees working on the project
(average for this project during the last year & where 1 = one full time employee)

- 0 .5 1 1.5 2 3 4 5 6 _____

Number of Cambodian employees working on the project

- 0 .50 1 1.5 2 3 4 5 6 7 _____

Government staff

Number of *seconded** Cambodian government employees working on the project

- 0 1 2 3 4 5 6 7 _____

Number of Cambodian government *counterparts** working on the project

- 0 0.25 0.5 0.75 1 2 3 4 _____

Range of **salary supplements** (equivalent to full time monthly salary)

- for *seconded** Cambodian government employees working on the project

- \$0- \$40 \$41- \$80 \$81- \$120 \$121- \$160 \$161- \$200

- for Cambodian government *counterparts** working on the project

- \$0- \$40 \$41- \$80 \$81- \$120 \$121- \$160 \$161- \$200

* [*seconded staff* - work temporarily for the NGO forgoing their government salary, but returning to their government position at the completion of their secondment, *counterparts* - receive their government salary, and support and /or training from the NGO to carry out their normal government work]

Budget (US \$)

Overall budget for this specific project _____

Budget range for this project for this financial year _____

Budget range for this project for next financial year _____

Source of funds _____

A Water Supply

Type of water supply constructed

- Ground water Rain water Surface water

Ground water

Type of wells

- Hand dug wells Drilled wells Combination
 Well maintenance Other, please specify _____

Annual output _____ units

Pumps installed

- none Standard type (No. 6 Tara Afridev)
 India Mk II India Mk III
 Other, please specify _____

Operation & maintenance arrangements

Responsible authority

- Central Provincial District Village None

Provision of spare parts to end user

- Agency Ministry Market Not required

Payment for spare parts

- revolving fund at cost to villagers free of charge
 other, please specify _____

Drilling equipment used

Type _____

Operation _____

Is a drilling record maintained Yes No

Ownership of drilling equipment

During project NGO DoH POH

At end of project NGO DoH POH

Water Use Education

Target audience

- Institutional Individual users

Type of training

- Use of facilities Training trainers Maintenance training
 Hygiene education

Education details _____

Rain Water

Supplies for the use of Individual families Institutions

Catchment system type

Tanks Ponds Construction of water jars (large small)

Annual output _____ units

Type of treatment systems promoted or incorporated _____

Operation & maintenance arrangements

Responsible authority

Central Provincial District Village

Provision of spare parts to end user

Agency Ministry Market

Surface Water

Type of supply constructed

Gravity Pumped

Annual output _____ units

Treatment system incorporated _____

Operation & maintenance arrangements

Responsible authority

Central Provincial District Village

Provision of spare parts to end user

Agency Ministry Market

Overall

Expected number of users per

Well _____ Pump _____ Tank _____ Pond _____

System _____ Water jar (large) _____ Water jar (small) _____

Design water use per capita : _____ litres / head / day

B Sanitation

Sanitation Education

Target audience

- Institutional Individual users

Type of training

- Promotion of sanitation Hygiene education Use of facilities
 Training trainers Maintenance training

Education details _____

Type of sanitation system constructed

- Pour flush Pit latrine VIP VIDP Shallow Sewer
 Composting latrine Waste water treatment Sewer networks
 Other, please specify _____

Where water is required:-

Water requirement per use _____

Use of system

- Private Institutional

Number of users per unit _____

C Institutional support

(Activities of your organisation in supporting the government departments and support and training for government staff, including seconded staff and counterparts working with your programme).

- Central Provincial District

Type of support

Please elaborate

- Financial _____

- Logistical _____

- Technical Advice _____

- Training _____

- Operational support _____

- Management / Administration _____

Surveys

Is your agency conducting, or already completed, surveys of any kind in the water and sanitation sector? Please outline your survey _____

Training & education opportunities

List of training opportunities offered by your agency *within* this project

List of training opportunities offered by your agency *outside* this project

List of reports on this project available at NGO office

List of other relevant reports available at NGO office

