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MARD PROJECT



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**METHODOLOGY FOR
PARTICIPATORY EVALUATION
OF O & M
IN DISTRIBUTORY &
FIELD CANALS**

by

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(Report No. 247)

**MARD PROJECT
PIMBURATTEWA**

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Methodology for Participatory Evaluation of O&M in Distributory and Field Canals

At present, MEA has no method for conducting regular evaluations the O&M of d- and f-canals, other than to require its irrigation staff to conduct a survey. For MEA to conduct a survey using its own staff would have several disadvantages, primary among these are (1) that the staff would not have enough time to conduct such an evaluation correctly and (2) that the staff would feel it was evaluating its own performance.

In 1994, during a tour of d- and f- canals, the Managing Director of MEA requested MARD to propose a low cost method of evaluating the state of tertiary system maintenance in System B. MARD's staff worked for several months, in consultation with MEA engineers and farmers' organizations, developing a methodology. It is based on two simple questionnaires to be filled out by each turnout group leader (the elected official for each f-canal) in a Distributory Canal Organization (DCO) and by the DCO committee concerning the state of O&M in their respective f- or d-canals. This present report is the result of MARD's test of the methodology. It gives information on the O&M of each f- and d- canal in Ellewewa and Damminna blocks during November 1994. MARD believes that the methodology is practical and reliable and that it provides managers in the Mahaweli with a very powerful tool.

The main users of the reports will be Resident Project Managers and Deputy Resident Project Managers, Block Managers, farmer representatives at the block coordinating committees, and block irrigation engineers. They can see, at a glance, the condition of each f-canal in a d-canal system, the condition of the d-canal itself, and the level of O&M activity in the d-canal organization.

For the Ellewewa and Damminna blocks report, turnout group leaders and DCO representatives did not collect the information as our primary interest was to test and correct the methodology. MARD instead hired village youths already trained in data collection by MARD's agricultural economics section. Now that the data have been entered by MEA personal trained for the task by MARD and have been checked against the field situation, MARD is confident that the methodology is practical and useful and that turnout group leaders and DCO representatives can fill out the questionnaires as well as, if not better than, the hired data collectors. The participation of thousands of turnout group leaders in an O&M evaluation will provide MASI, cheaply and in a very short period of time, with the farmers' evaluation of their irrigation systems. MEA can use this methodology for low cost evaluations of the tertiary system Mahaweli-wide. It should be noted that MARD has provided a computer program to System B's DRPM for water management and that back up copies have been sent to the PMU. In System B, MARD has trained Mrs. T.D. Lalitha and Mr. Manel Wickckramasinghe of the System B, MRTC on the use of the computer program. Also, if there are any questions about the program after MARD ends in August of this year, Mr. Nimal Wickckramaratna, the MARD water management specialist who designed the computer program, can be contacted at MECA in Uda Wallawe, where he is presently the Deputy Resident Project Director.

I strongly encourage MEA's D/CIE to use this methodology to conduct a System B-wide evaluation at the end of this yala.

Bruce Spake
MARD Chief-of-Party

EVALUATION OF DCO ACTIVITIES

FIELD CANALS REPORT DATE OF SURVEY NOV, 1994

General Information

Block	District	District	District	District	District	District	District	District	District
Unit	Kandegama	Kandegama	Kandegama	Kandegama	Kandegama	Kandegama	Kandegama	Kandegama	Kandegama
Name of DCO	D/S01	D1/S01	S01/D1	D1/S01	S01/D1	S01/D1	S01/D1	S01/D1	S01/D1
Name of D-Canal	D1	none	D1	D1	D1	D1	D1	D1	D1
Name of F-Canal	FC20	Fc19	FC18	Fc16	Fc8	Fc7	Fc4	Fc3	FC2
Extent under Irrigation (ha)	none	none	8	7	7	10	8	10	10
Total Length of F-Canals (m)	none	none	540	510	none	1020	440	520	460
Total Length of D-Canals(m)	5720	5720	5720	5720	5720	5720	5720	5720	5720

Maintenance Report

	FC20	FC19	FC18	FC16	FC8	FC7	FC4	FC3	FC2
Average height of weed (cm)	50	40	30	39	5	30	4	30	15
Depth of silt - Head (cm)	15	11	4	7	10	15	6	4	5
Depth of Silt - Middle (cm)	9	5	5	9	9	3	5	9	9
Depth of Silt - Tail (cm)	4	4	7	5	2	9	5	6	4
No. of overtopping places	2	1	4	2	2	none	1	2	2
No. of damages (canal bank)	1	2	3	3	none	none	2	2	3
Conditions of the structures	none	none	none	none	none	none	none	none	none
Farm Turnouts property /total	6/8	4/5	6/8	5/7	6/7	10	3/4	5	4/5
Drop structures functioning / total	3/4		2/7	2/2	3/6	2	1/3	2/3	2/3
Structures requiring repairs:									
Culverts	none	3/3	1/2	1/2	1/2	none	1/2	1/2	2/3
Canal lining	1/2	2/2	2/2	none	none	none	1/2	1/2	3/3
Under crossings	2/2	none	4/4	3/3	4/4	none	4/4	3/3	4/4
T.O. Gates	1/1	1/1	none	none	1/1	none	1/1	none	3/3
Condition of O & M roads	average	poor	poor	poor	average	good	average	average	average
Structures repaired under ESI	none	none	none	none	none	none	none	none	none
Works under ESI - Road filling	none	none	none	none	none	none	none	none	none
Works under ESI - Lining	none	none	none	none	none	none	none	none	none
Works under ESI - Drainage	none	none	none	none	none	none	none	none	none
Works under ESI - Gates	N/R	none	N/R	none	none	none	none	none	none

DCO Activity Report

	FC20	FC19	FC18	FC16	FC8	FC7	FC4	FC3	FC2
Number of Sramadana	1	1	1	1	1	2	1	1	1
Participation	25	25	25	25	25	50	25	25	25
Un authorized Irigation outlets	none	none	none	none	none	none	none	none	none
Reservation cultivation	6	none	4	7	none	4	1	none	none
Participation in O & M activities	good	good	good	good	average	good	average	good	average
Organizational Activities	good	good	good	good	good	good	average	good	average
Planning	good	average	good	good	good	good	average	good	average
Income generation / Expenses	good	good	good	good	good	good	good	good	good
Activities	good	average	good	average	average	good	average	poor	poor
Partipection of Leaders	good	good	good	average	good	good	good	good	average
Exchange of Ideas	average	average	good	average	good	good	good	average	good
Planning	average	average	good	average	good	good	good	good	good
Collection of funds	good	good	good	good	good	good	good	good	good
Organization Activities	good	average	good	average	average	good	average	good	average
Intraction with IDU	poor	average	good	good	good	good	good	good	average
Support of Eng. staff	average	good	good	good	good	good	good	good	good
Works with DCO	average	good	good	good	good	good	good	good	good
Guides DCO	average	good	good	good	good	good	good	good	average

DCO Activity Report

	D2/FC	21FC22	FC23	FC26	FC27	FC29	FC31	FC32	FC32A
Number of Sramadana	none	none	none	None	none	none	none	none	none
Participation	20	20	25	20	20	20	20	20	20
Un authorized Irrigation outlets	none	none	none	1	none	none	0	none	none
Reservation cultivation	none	1	none	2	8	3	none	none	5
Participation in O & M activities	good	average	good	good	good	good	good	good	good
Organizational Activities	average	average	average	average	average	average	average	average	average
Planning	average	average	average	average	average	average	average	average	average
Income generation / Expenses	poor	poor	poor	average	poor	poor	poor	average	poor
Activities	average	average	average	average	average	average	poor	average	average
Participation of Leaders	average	average	average	average	average	average	average	average	average
Exchange of Ideas	average	average	average	average	average	average	average	average	average
Planning	average	average	average	average	average	average	average	average	average
Collection of funds	poor	poor	poor	poor	poor	poor	poor	poor	poor
Organization Activities	average	average	average	average	poor	average	average	average	average
Intraction with IDU	average	average	average	average	average	average	average	average	average
Support of Eng. staff	good	good	good	good	good	good	good	good	good
Works with DCO	good	good	good	good	good	good	good	good	good
Guides DCO	good	good	good	good	good	good	good	good	good

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DCO Activity Report FC37A FC36 FC44 FC43B FC43 FC45 FC46 FC6 FC5 FC7 FC4 FC37 FC39A FC39 FC41 FC42 FC38 FC40

Number of Sramadana	21	1	1	1	1	1	1	1	1	1	1	1	1	none	2	1	1	2	1
Participation	75	50	50	50	50	50	50	50	50	50	50	50	50	none	75	50	50	75	50
Un authorized irrigation outlets	none	2	none	none	1	none	none	none	none	none	none	none	none	none	1	5	5	3	
Reservation cultivation	none	none	none	none	none	none	none	none	none	none	none	1	1	2	none	1	15	8	
Participation in O & M activities	good	N/R	good	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	good	average	good	good	good	good	good	
Organizational Activities	average	poor	average	average	average	average	average	average	average	average	average	average	average	average	good	average	good	average	
Planning	good	poor	good	average	average	average	average	average	average	average	average	average	average	average	average	good	good	average	average
Income generation / Expenses	average	poor	poor	poor	poor	poor	average	poor	poor	poor	poor	poor	average	average	average	average	average	average	average
Activities	average	poor	average	poor	average	average	average	average	poor	average	average	average	average	average	average	good	good	average	average
Participation of Leaders	good	N/R	good	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	average	average	average	average	average	average	average	average
Exchange of Ideas	good	good	average	good	average	good	good	good	average	average	good	good	average	average	average	average	average	average	average
Planning	average	good	good	good	average	good	good	good	average	average	good	average	average	average	average	average	good	average	average
Collection of funds	average	poor	average	poor	poor	poor	poor	poor	poor	poor	poor	poor	average	average	average	average	average	average	average
Organization Activities	good	average	good	average	average	average	average	average	average	average	average	average	average	average	average	average	good	average	average
Interaction with IDU	good	poor	good	poor	poor	poor	poor	poor	poor	poor	poor	poor	good	average	good	good	good	good	good
Support of Eng. staff	good	N/R	good	poor	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	good	good	good	good	good	good	good
Works with DCO	good	poor	good	poor	average	poor	average	poor	poor	poor	poor	poor	good	good	good	good	good	good	good
Guides DCO	good	poor	good	poor	average	poor	average	poor	poor	poor	poor	poor	good	good	good	good	good	good	good

EVALUATION OF DCO ACTIVITIES FIELD CANALS REPORT

DATE OF SURVEY NOV, 1994

General Information

Block	Demasana	Demasana	Demasana	Demasana	Demasana	Demasana	Demasana	Demasana	Demasana	Demasana	Demasana	Demasana	Demasana	Demasana	Demasana
Unit	Dhalawewa	Dhalawewa	Dhalawewa	Dhalawewa	Dhalawewa	Dhalawewa	Dhalawewa	Dhalawewa	Dhalawewa	Dhalawewa	Dhalawewa	Dhalawewa	Dhalawewa	Dhalawewa	Dhalawewa
Name of DCO	D1/Mahasen	D1	D1/mahasen	D1/mahasen	D1/Mahasen	D1/mahasen	D7/Jayaketi	D7/Jayaketi	D7/Jayaketi	Javaketha	D1,Wijaya	D12,Wijaya	D12,Wijaya	D23,Wijaya	D2,Wijaya
Name of D-Canal	S02/D1	S02/D1	S02/D1	S02/D1	S02/D1	S02/D1	S02/D7	S02/D7	S02/D7	S02/D8	S02/D2	S02/D2	S02/D2	S02/D2	S02/D2
Name of F-Canal	FC14	FC3	FC12	FC3	FC2	FC1	FC58	FC60	FC59	FC63	FC20	FC23	FC21	FC32	FC19
Extent under Irrigation (ha)	10	5	101	5	10	8	15	5	8	7	10	5	8	7	15
Total Length of F-Canals (m)	900	550	1040	700	840	715	720	550	320	340	890	615	705	480	770
Total Length of D-Canals(m)	5730	5780	5730	5730	5730	5730	930	830	930	915	3040	3040	3040	3040	3040

Maintenance Report

	FC14	FC13	FC12	FC3	FC2	FC1	FC58	FC60	FC59	FC63	FC20	FC23	FC21	FC32	FC19
Average height of wood (cm)	30	15	20	15	15	15	25	25	25	30	30	30	30	30	15
Depth of silt - Head (cm)	15	none	0	0	6	10	none	none	none	10	none	10	10	30	15
Depth of Silt - Middle (cm)	30	15	15	10	10	15	15	15	15	15	15	20	20	20	20
Depth of Silt - Tail (cm)	10	10	0	0	6	10	10	7	10	5	10	10	10	20	-
No. of overtopping places	none	1	none	1	1	1	1	1	none	02	1	2	none	none	04
No. of damages (canal bank)	2	2	2	2	2	1	1	1	1	1	2	3	05	1	04
Conditions of the structures	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Firm Turfosta property / total	4/8	4/9	7/10	3/5	11/14	4/8	11/15	4/6	5/8	4/7	8/10	4/6	8/8	6/7	3/6
Drop structures functioning / total	1/2	3/4	2/4	1/1	2/4	1/3	2/4	1/1	1/3	3/4	1/2	1/2	5/5	4/4	1/2
Structures requiring repairs:															
Culverts	none	1/1	2/2	1/1	2/2	1/1	none	1/1	none	none	none	none	1/1	1/1	2/2
Canal lining	2/2	none	2/2	none	none	none	none	2/2	none	1/1	none	none	none	none	none
Under crossings	2/5	2/2	2/4	1/1	4/4	1/3	3/4	2/2	2/2	1/1	2/2	2/2	2/2	none	1/1
T.O. Gates	none	none	none	none	None	none	none	none	none	none	none	1/1	none	none	1/3
Condition of O & M roads	average	average	average	average	average	average	average	average	average	poor	poor	poor	poor	average	poor
Structures repaired under ESI	none	none	none	none	none	none	none	none	none	none	none	none	4	none	none
Works under ESI - Road filling	yes	yes	yes	yes	yes	yes	yes	None	none	none	none	yes	yes	-	none
Works under ESI - Lining	yes	yes	yes	yes	yes	yes	yes	None	none	none	none	yes	yes	-	none
Works under ESI - Drainage	none	none	none	none	none	none	None	None	none	yes	none	yes	none	-	none
Works under ESI - Gates	none	none	none	none	none	none	None	None	none	none	none	yes	none	-	none

DCO Activity Report

	FC14	FC13	FC12	FC3	FC2	FC1	FC58	FC60	FC59	FC63	FC20	FC23	FC21	FC32	FC19
Number of Sramadana	1	1	1	1	1	1	2	1	1	2	1	2	3	1	1
Participation	50	50	50	50	50	50	25	50	50	50	50	50	50	50	50
Un authorized irrigation outlets	none	1	2	1	2	1	1	none	none	none	1	2	3	2	none
Reservation cultivation	none	none	none	1	2	2	none	none	none	none	2	2	2	5	6
Participation in O & M activities	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Organizational Activities	average	average	average	average	average	average	average	average	good	average	average	poor	good	average	poor
Planning	average	average	average	average	average	average	average	average	good	average	average	poor	good	average	poor
Income generation / Expenses	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor
Activities	average	average	average	average	average	average	average	average	average	average	average	poor	average	average	poor
Participation of Leaders	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Exchange of Ideas	average	average	good	good	good	good	good	good	good	good	good	good	good	good	poor
Planning	average	average	good	good	good	good	good	good	good	good	good	good	good	good	poor
Collection of funds	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor
Organization Activities	average	average	average	average	average	average	average	average	average	average	average	average	average	average	poor
Interaction with IDU	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor
Support of Eng. staff	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Works with DCO	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor
Guides DCO	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor

EVALUATION OF DCO ACTIVITIES

FIELD CANALS REPORT

DATE OF SURVEY NOV,1994

General Information

Block	Damminna	Damminna	Damminna	Damminna	Damminna	Damminna	Damminna	Damminna	Damminna	Damminna	Damminna	Damminna	Damminna	Damminna	Damminna
Unit	Aluthoya	Aluthoya	Aluthoya	Aluthoya	Aluthoya	Aluthoya	Aluthoya	Aluthoya	Aluthoya	Aluthoya	Aluthoya	Aluthoya	Aluthoya	Aluthoya	Aluthoya
Name of DCO	D2.D3	D2.D3	D3	D3 2/507Apr	D2.D3	D3	D3	D1	D1	D2.D3	D2.3	D2.D3	D1	D1	D2.3
Name of D-Canal	507/D2	507/D2	507/D3	507/D3	507/D2	507/D2	507/D3	507/D1	507/D1	507/D3	507/D3	507/D3	507/D1	507/D1	507/D3
Name of F-Canal	FC4	FC7	FC18	FC17	FC6	FC3	FC22	FC4	FC3	FC20	FC18	FC21	FC7	FC6	FC23
Extent under irrigation (ha)	10	13	4		7	8	4	10	8	3	11	5	13	7	10
Total Length of F-Canals (m)	330	745	145	450	910	598	140	330	595	1055	523	475	745	910	1050
Total Length of D-Canals(m)	1780	1780	3200	3200	1780	1780	3200	2950	2950	3200	3200	3200	2950	2950	3200

Maintenance Report

	FC4	FC7	FC18	FC17	FC6	FC3	FC22	FC4	FC3	FC20	FC16	FC21	FC7	FC6	FC23
Average height of weed (cm)	10	15	30	30	30	30	15	10	15	30	20	10	15	15	20
Depth of silt - Head (cm)	10	10	3	3	3	15	4	5	9	3	10	9	none	none	8
Depth of Silt - Middle (cm)	15	20	4	5	4	20	5	10	10	10	15	10	10	10	10
Depth of Silt - Tail (cm)	8	8	8	8	5	25	9	3	8	12	9	3	9	8	8
No. of overtopping places	none	1	none	2	none	1	none	none	none	none	none	1	1	1	2
No. of damages (canal bank)	2	1	1	3	none	2	none	2	1	none	none	1	2	1	1
<u>Conditions of the structures</u>															
Farm Turnouts properly total	7/10	10/13	1/7	4/7	10/12	7/10		4/8/10	4/8	5/8	8/11	5/5	9/13	4/7	9/10
Drop structures functioning / total	2/2	2/3	1/1	1	0/6	0/2	0/4	2/2	1/1	3/3	2/2	1/1	2/2	1/2	1/2
Structures requiring repairs:															
Culverts	1/1	1/1	none	0/1	none	2/2	1/1	1/1	1/1	2/2	1/1	1/1	1/1	1/1	1/1
Canal lining	1/1	2/2	1/2	1/1	none	2/2	none	1/1	1/1	2/2	1/1	1/1	none	none	1/1
Under crossings	1/2	2/2	none	none	none	2/2	1/2	2/2	1/2		2 1/2	1/1	1/2	2/2	2/2
T.O. Gates	none	none	none	none	none	none	0/4	none	none	none	none	none	none	none	none
<u>Condition of O & M roads</u>	average	average	N/R	poor	poor	average	poor	average	average	average	average	average	average	average	average
Structures repaired under ESI	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Works under ESI - Road filling	yes	yes	none	yes	none	none	none	none	none	none	none	none	yes	none	none
Works under ESI - Lining	none	none	yes	none	none	none	none	none	none	none	none	none	none	none	none
Works under ESI - Drainage	none	none	none	none	none	none	none	none	none	none	none	none	none	yes	none
Works under ESI - Gates	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none

DCO Activity Report

	FC4	FC7	FC18	FC17	FC6	FC3	FC22	FC4	FC3	FC20	FC16	FC21	FC7	FC6	FC23
Number of Samadana	1	1	2	2	none	2	2	1	1	1	1	1	1	1	1
Participation	50	50	75	75	25	75	75	50	50	50	50	50	50	50	50
Un authorized irrigation outlets	none	none	1	none	none	none	none	none	none	none	none	none	none	none	1
Reservoir cultivation	none	none	1	none	none	none	2	none	none	none	none	none	1	none	1
Participation in O & M activities	N/R	none	poor	N/R	average	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
Organizational Activities	average	average	poor	poor	good	good	good	average	average	average	average	good	average	average	average
Planning	average	average	poor	poor	poor	good	good	average	average	average	average	good	average	average	average
Income generation / Expenses	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor
Activities	average	average	average	poor	N/R	average	poor	average	average	average	average	average	average	average	average
Participation of Leaders	N/R	none	N/R	N/R	good	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
Exchange of Ideas	good	good	good	good	Average	good	good	good	good	good	good	good	good	good	good
Planning	good	good	good	good	poor	average	average	good	good	good	good	good	good	good	good
Collection of funds	poor	poor	poor	poor	Average	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor
Organization Activities	average	average	Average	average	poor	good	average	average	average	average	average	average	average	average	average
Interaction with IDU	poor	poor	poor	poor	N/R	average	poor	poor	poor	poor	poor	poor	poor	poor	poor
Support of Eng. staff	N/R	none	N/R	N/R	poor	N/R	poor	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
Works with DCO	average	poor	poor	poor	poor	average	poor	poor	poor	poor	poor	poor	poor	poor	poor
Guides DCO	average	poor	poor	poor	poor	average	poor	poor	poor	poor	poor	poor	poor	poor	poor

EVALUATION OF DCO ACTIVITIES

FIELD CANALS REPORT

DATE OF SURVEY NOV, 1994

General Information

Block	Damununa	Damununa	Damununa	Damununa	Damununa	Damununa	Damununa	Damununa	Damununa	Damununa	Damununa	Damununa	Damununa	Damununa	Damununa	Damununa	Damununa	Damununa
Unit	Anunapura	Anunapura	Anunapura	Anunapura	Anunapura	Anunapura	Anunapura	Anunapura	Anunapura	Anunapura	Anunapura	Anunapura	Anunapura	Anunapura	Anunapura	Anunapura	Anunapura	Anunapura
Name of DCO		502/D6	502/D6	502/DoMaugu	502/D6	502/D6	Mahasen	Mahasen	Mahasen	D4/SEkamumu	D4/SEkamumu	D4/SEkamumu	Wijaya	Wijaya	Wijaya	Wijaya	Wijaya	
Name of D-Canal	Do	502/Do	502/Do	502/Do	502/Do	502/Do	502/D1	502/D1	502/D1	502/D4	502/D4	502/D4	502/D2	502/D2	502/D2	502/D2	502/D2	
Name of F-Canal	FC49A	FC65	FC50	FC66	FC57	FC43A	FC9	FC8	FC10	FC37B	FC37C	FC37	FC29	FC26	FC28	FC27	FC30	
Extent under Impogion (ha)	9	12	11	14	8	9	9	7	11	8	18	7	9	7	5	7	12	
Total Length of F-Canals (m)	410	500	560	730	800	882	790	500	470	970	500	740	540	980	700	720	860	
Total Length of D-Canals(m)	5360	5360	5360	5360	5360	5360	5730	5730	5730	780	780	780	3940	3940	3940	3940	3940	

Maintenance Report

	FC49A	FC65	FC50	FC66	FC57	FC43A	FC9	FC8	FC10	FC37B	FC37C	FC37	FC29	FC26	FC28	FC27	FC30	FC25
Average height of weed (cm)	17.5	45	45	37.5	15	30	10	10	10	60	50	45	10	10	10	10	10	10
Depth of silt - Head (cm)	none	10	8	none	4	3	3	10	5	none	10	none	3	3	2	3	3	10
Depth of Silt - Middle (cm)	none	15	15	5	10	10	8	15	10	none	15	none	8	10	3	3	3	10
Depth of Silt - Tail (cm)	none	18	20	none	6	8	3	5	4	none	10	none	2	3	7	3	11	18
No. of overtopping places	none	none	none	1	none	none	1	1	2	none	2	2	3	2	3	none	3	3
No. of damages (canal bank)	2	1	none	1	none	none	3	3	2	none	1	1	3	none	4	2	6	3
Conditions of the structures																		
Firm Turnouts properly / total	7/9	10/12	9/11	11/14	6/8	5/6	7/9	5/7	8/11	5/8	4/18	4/7	4/9	6/7	3/5	4/7	6/12	8/11
Drop structures functioning / total	2/2	1/3	2	none	2/3	4/4	2/3	1/2	1/1	3/3	none	1/1	1/1	1/2	1/1	1/1	1/2	2/4
Structures requiring repairs:																		
Culverts	2/2	none	none	none	2	none	none	none	none	4/4	12/12	1/1	3/3	1/1	1/1	none	none	4/4
Canal lining	2/2	none	none	2	none	none	none	none	none	none	300	300	none	none	1/1	1/1	2/2	2/2
Under crossings	2/2	1/1	1/1	2/2	2/2	1/2	2/2	1/2	2/2	2/2	none	none	2/2	none	1/1	1/1	1/1	2/2
T.O. Gates	none	none	none	4	none	none	none	none	none	none	none	15	none	none	none	none	4/4	none
Condition of O & M roads	average	poor	average	poor	good	good	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor
Structures repaired under ESI	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	none	N/R	N/R	N/R	N/R	N/R	N/R	N/R
Works under ESI - Road filling	none	yes	yes	yes	none	yes	yes	yes	yes	none	none	yes	yes	yes	yes	yes	yes	yes
Works under ESI - Lining	none	none	none	none	yes	none	none	none	none	none	none	none	none	none	yes	yes	yes	yes
Works under ESI - Drainage	none	none	none	none	yes	none	none	yes	none	none	none	yes	none	none	none	none	none	yes
Works under ESI - Gates	yes	none	none	none	yes	none	none	none	none	none	none	none	none	none	none	none	none	none

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DCO Activity Report

	FC49A	FC65	FC50	FC66	FC57	FC43A	FC9	FC8	FC10	FC37B	FC37C	FC37	FC29	FC26	FC28	FC27	FC30	FC25
Number of Sumadana	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
Participation	50	50	50	50	50	50	50	50	50	50	75	75	75	50	50	50	50	50
Un authorized irrigation outlets	none	none	none	none	none	none	none	1	2	none	none	none	4	none	6	none	none	none
Reservation cultivation	none	none	none	1	3	1	none	1	2	none	none	12	1	none	2	none	4	none
Participation in O & M activities	N/R	poor	average	average	average	average	N/R	N/R	N/R	good	good	good	N/R	N/R	N/R	N/R	N/R	N/R
Organizational Activities	average	average	average	poor	average	average	average	average	average	good	good	average	average	average	good	good	average	poor
Planning	poor	average	average	average	average	average	average	average	average	average	average	average	average	average	average	good	average	poor
Income generation / Expenses	poor	average	poor	average	average	average	poor	poor	poor	average	average	average	poor	poor	poor	poor	poor	poor
Activities	poor	average	average	average	average	average	average	average	average	average	average	average	poor	average	average	average	average	poor
Participation of Leaders	N/R	average	average	poor	average	average	N/R	N/R	N/R	average	average	average	N/R	N/R	N/R	N/R	N/R	N/R
Exchange of Ideas	average	average	average	average	average	average	average	average	average	good	good	good	average	average	good	good	average	good
Planning	average	average	average	average	average	average	average	average	average	average	average	average	average	average	good	good	average	poor
Collection of funds	poor	average	poor	average	average	average	poor	poor	poor	average	average	average	poor	poor	poor	poor	poor	poor
Organization Activities	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	poor
Interaction with IDU	poor	average	average	average	average	average	poor	poor	poor	good	good	good	poor	poor	poor	poor	poor	poor
Support of Eng. staff	poor	average	average	average	good	average	N/R	N/R	N/R	good	good	average	N/R	N/R	N/R	N/R	N/R	N/R
Works with DCC	average	average	average	average	good	average	poor	poor	poor	good	none	good	poor	poor	poor	poor	poor	poor
Grades DCO	average	average	average	average	good	average	poor	poor	poor	good	good	good	poor	poor	poor	poor	poor	poor

EVALUATION OF DCO ACTIVITIES

FIELD CANALS REPORT

DATE OF SURVEY NOV, 1994

General Information

Block	Daramunna / Daramunna / Daramunna / Daramunna / Daramunna / Daramunna / Daramunna / Daramunna / Daramunna / Daramunna / Daramunna / Daramunna / Daramunna / Daramunna / Daramunna / Daramunna / Daramunna / Daramunna																
Unit	Nidamwala / Nidamwala / Nidamwala / Nidamwala / Nidamwala / Nidamwala / Nidamwala / Nidamwala / Nidamwala / Nidamwala / Nidamwala / Nidamwala / Nidamwala / Nidamwala / Nidamwala / Nidamwala / Nidamwala / Nidamwala																
Name of DCO	D/S Samaga / D/S Samaga / D Samaga / D/S Samaga / D/S Samaga / Do Samaga / Do Samaga / Do Samaga / Do Samaga / Do Samaga / Do Samaga / Do Samaga / Do Samaga / Do Samaga / Do Samaga / Do Samaga / Do Samaga / Do Samaga																
Name of D-Canal	S01/D5	S01/D5	S01/D5	S01/D5	S01/D5	S01/D6	S01/D6	S01/D6	S01/D6	S01/D6	S01/D6	S01/D6	S01/D6	S01/D6	S01/D6	S01/D6	S01/D6
Name of F-Canal	FC32	FC33	FC33A	FC34	FC35	FC36	FC37	FC37A	FC38	FC38A	FC39	FC39A	FC40	FC41	FC42	FC43	
Extent under Irrigation (ha)	*	11	09	13	12	150	11	81	131	91	7	91	91	91	51	101	
Total Length of F-Canals (m)	1600	3511	1160	1100	146	2160	739	504	800	578	1700	390	380	1070	1500	1000	
Total Length of D-Canals (m)	430	430	430	430	430	2480	2480	2480	2480	2480	2480	2480	2480	2480	2480	2480	

Maintenance Report

	FC32	FC33	FC33A	FC34	FC35	FC36	FC37	FC37A	FC38	FC38A	FC39	FC39A	FC40	FC41	FC42	FC43
Average height of weed (cm)	26	8	18	14	9	20	20	27	7	17	6	19	35	23	28	12
Depth of silt - Head (cm)	4	2	9	4	11	3	12	3	3	9	7	8	7	13	8	2
Depth of Silt - Middle (cm)	9	8	2	9	3	11	24	5	4	13	13	13	16	27	19	9
Depth of Silt - Tail (cm)	3	3	8	1	9	7	24	2	5	13	13	13	16	27	19	9
No. of overtopping places	none	N/R	1	2	none	2	2	none	none	1	1	1	1	11	13	5
No. of damages (canal bank)	none	none	none	none	2	3	none	none	none	1	1	2	3	3	1	3
Condition of the structures										5	none	1	5	1	2	2
Farm Turnouts properly / total	17/17	11/11	9/10	13/13	12/12	15/15	11/11	7/8	12/11	2/9	7/7	6/5	9/9	9/9	5/5	9/10
Drop structures functioning / total	9/9	4/4	13/14	12/12	8/8	16/16	7/7	4/4	4/4	6/7	8/8	2/3	8/8	5/6	11/11	4/5
Structures requiring repairs:																
Culverts	none	none	none	none	none	none	none	none	1/5	1/4	none	1	none	none	none	none
Canal lining	none	none	1/4	none	none	none	none	none	none	none	none	none	none	none	none	none
Under crossings	none	none	none	none	none	none	none	none	none	none	none	none	none	1/4	none	none
T.O. Gates	none	1/11	none	none	none	none	none	1/8	none	2/9	none	none	none	1/9	none	none
Condition of Q & M roads	none	average	poor	poor	good	poor	average	poor	good	none	average	poor	average	average	average	average
Structures repaired under ESI	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Works under ESI - Road filling	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Works under ESI - Lining	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Works under ESI - Drainage	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Works under ESI - Gates	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none

DCO Activity Report

	FC32	FC33	FC33	FC34	FC35	FC36	FC37	FC37	FC38	FC38	FC39	FC39	FC40	FC41	FC42	FC43
Number of Samadana	3	2	3	2	2	3	3	1	2	2	1	none	1	2	2	none
Participation	50	50	50	50	50	85	85	50	85	50	40	40	50	50	50	40
Un authorized Irrigation outlets	none	none	none	none	none	none	none	none	none	3	none	none	none	none	1	none
Reservoir cultivation	none	4	2	none	none	none	none	none	none	none	none	3	none	none	none	none
Participation in O & M activities	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Organizational Activities	average	average	Good	average	average	Good	average	good	poor	poor	average	average	average	average	good	average
Planning	average	good	Good	poor	average	Good	average	average	average	average	good	average	average	average	average	average
Income generation / Expenses	poor	poor	average	poor	poor	average	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor
Activities	average	average	average	average	average	average	poor	poor	average	average	average	poor	average	average	average	poor
Participation of Leaders	none	average	none	none	none	none	none	none	good	none	none	none	none	none	none	none
Exchange of Ideas	good	average	good	average	average	average	good	good	good	good	average	good	good	good	good	good
Planning	average	good	average	average	average	average	average	average	good	average	poor	good	good	average	average	average
Collection of funds	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	average
Organization Activities	good	average	average	average	poor	average	average	poor	average	average	poor	poor	average	average	average	average
Intraaction with IDU	average	average	poor	poor	average	Good	average	average	average	poor	average	average	average	average	average	poor
Support of Eng. staff	none	none	none	none	none	good	none	none	none	poor	none	none	none	average	none	none
Works with DCO	average	poor	average	poor	good	Good	average	average	good	poor	average	average	average	average	average	poor
Guides DCO	average	average	average	poor	average	average	average	average	good	poor	average	good	average	good	good	poor

FIELD CANALS REPORT

DATE OF SURVEY NOV, 1994

General Information

Block	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa	Elevewa
Unit	Bandana	Bandana	Bandana	Bandana	Bandana	Bandana	Bandana	Bandana	Bandana	Bandana	Bandana	Bandana	Bandana	Bandana	Bandana	Bandana	Bandana	Bandana	Bandana	Bandana	Bandana
Name of DCO	D/1/01	D/1/01	D/1/01	D/1/01	D/1/01	D/2/01	D/2/02	D/2/02	D/2/02	D/1/01	D/1/01	D/1/01	D/1/01	D/1/01	D/1/01	D/1/01	D/1/01	D/1/01	D/1/01	D/1/01	D/1/01
Name of D-Canal	D/101	D/101	D/101	D/101	D/101	D/102	D/102	D/102	D/102	D/101	D/101	D/101	D/101	D/101	D/101	D/101	D/101	D/101	D/101	D/101	D/101
Name of F-Canal	FC 25	FC26	FC27	FC28	FC29	FC11	FC13	FC15	FC16	FC11	FC13	FC14	FC15	FC16	FC17	FC19	FC20	FC21	FC22	FC24	
Extent under Irrigation (ha)	91	131	121	161	121	131	131	121	15	17	7	13	13	13	17	31	151	111	121	131	151
Total Length of F-Canals (m)	0 681	0 575	1 120	0 900	0 550	1 375	1 020	0 550	850	1 280	1 020	1 300	1 225	1 150	0 855	0 585	0 775	1 140	1 080	1 245	
Total Length of D-Canals (m)	1 900	1 900	1 900	1 900	1 900	1 500	1 500	1 900	1 500	0 350	0 010	0 010	0 010	0 010	0 010	none	none	0 750	0 750	none	

Maintenance Report

	FC25	FC26	FC27	FC28	FC29	FC11	FC13	FC15	FC16	FC11	FC13	FC14	FC15	FC16	FC17	FC19	FC20	FC21	FC22	FC24
Average height of weed (cm)	45	39	38	29	39	45	45	45	60	45	60	50	50	40	35	40	29	40	40	35
Depth of silt - Head (cm)	11	31	61	11	31	31	31	31	31	11	21	21	31	51	11	51	31	31	01	11
Depth of Silt - Middle (cm)	51	51	91	41	71	91	71	51	51	61	71	21	91	81	81	101	71	71	91	61
Depth of Silt - Tail (cm)	81	91	121	61	131	101	131	61	71	81	81	51	171	101	121	131	121	91	131	91
No. of overlapping places	none	11	11	none	11	31	41	11	21	41	21	11	11	21	21	31	11	none	31	11
No. of damages (canal bank)	none	none	21	none	none	21	31	11	11	none	11	11	11	21	21	21	11	21	11	11
Conditions of the structures																				
Farm Turnouts properly total	8/9	13/13	11/12	16/16	12/12	10/13	12/13	4/12	10/15	9/17	5/7	12/13	15/18	16/17	7/9	12/16	11/11	11/12	13/13	15/15
Drop structures functioning / total	3/4	10/10	9/10	11/11	7/7	4/4	6/6	0/2	7/7	7/7	4/4	18/18	3/5	5/5	3/3	4/4	7/7	9/9	4/5	10/12
Structures requiring repairs																				
Culverts	none	none	none	none	none	none	none	11	none	11	none	none	none	11	none	none	none	none	none	none
Canal lining	300	200	200	none	none	500	500	11	200	21	100	500	31	none	500	600	500	500	300	500
Under crossings	none	750	700	500	300	500	250	21	200	none	500	300	11	11	500	500	500	700	500	600
T.O. Gates	none	none	none	none	none	none	none	none	none	11	none	none	none	none	none	none	none	none	none	none
Condition of O & M roads	average	good	poor	average	average	poor	poor	poor	average	average	poor	poor	good	average	average	poor	poor	poor	average	average
Structures repaired under ESI	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Works under ESI - Road filling	none	yes	yes	yes	none	yes	none	none	yes	yes	none	yes	yes	yes	yes	none	yes	none	none	none
Works under ESI - Lining	none	none	none	none	none	none	none	none	yes	none	none	none	yes	yes	none	none	none	none	none	none
Works under ESI - Drainage	none	yes	none	yes	yes	none	none	none	yes	yes	none	none	none	yes	yes	none	none	yes	none	yes
Works under ESI - Gates	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none

DCO Activity Report

	FC25	FC26	FC27	FC28	FC29	FC11	FC13	FC12	FC16	FC11	FC13	FC14	FC15	FC16	FC17	FC19	FC20	FC21	FC22	FC24
Number of Sramadana	8	10	7	10	4	3	7	12	5	6	4	10	15	12	5	12	7	3	3	10
Participation	30	30	50	50	50	50	50	30	50	30	50	50	50	30	30	50	50	30	50	50
Un authorized irrigation outlets	none	none	1	none	none	1	1	3	1	none	none	none	none	none	none	1	none	none	none	none
Reseviation cultivation	none	none	none	none	none	none	none	none	none	3	none	none	none	none	none	none	none	none	none	none
Participation in O & M activities	none	none	none	none	none	none	none	poor	none	none	none	none	none	none	none	none	none	none	none	none
Organizational Activities	good	average	average	average	average	average	average	poor	average	poor	average	average	good	good	average	average	good	average	average	average
Planning	good	average	average	average	average	average	average	poor	average	poor	average	average	good	average	average	average	average	average	average	average
Income generation / Expenses	average	average	average	average	average	average	average	average	average	poor	average	average	good	average	average	average	average	average	average	average
Activities	good	average	average	average	average	average	average	poor	average	poor	average	average	good	average	average	average	average	average	average	average
Participation of Leaders	good	none	none	none	none	none	none	none	none	none	none	none	none	none	good	none	none	none	none	average
Exchange of Ideas	good	good	average	good	average	good	good	good	good	good	average	good	good	good	average	good	good	good	good	good
Planning	good	average	average	average	average	average	average	good	average	good	average	average	good	average	average	average	average	average	average	average
Collection of funds	average	average	average	average	average	average	average	average	average	good	poor	average	average	average	average	average	average	average	average	average
Organization Activities	good	average	average	average	average	average	average	good	average	good	average	average	good	average	average	average	average	average	average	average
Interaction with IDU	good	average	average	good	average	average	average	average	average	good	average	average	good	none	good	average	average	average	average	average
Support of Eng. staff	none	none	none	none	none	none	none	none	none	none	none	none	none	good	none	none	none	none	none	none
Works with DCO	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good
Guides DCO	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good

EVALUATION OF DCO ACTIVITIES

FIELD CANALS REPORT

DATE OF SURVEY NOV, 1984

General Information

Block	Elawewa	Elawewa	Elawewa	Elawewa	Elawewa	Elawewa	Elawewa	Elawewa	Elawewa	Elawewa	Elawewa	Elawewa	Elawewa	Elawewa	Elawewa	Elawewa	Elawewa	Elawewa	Elawewa	Elawewa	
Unit	Mdaman	Mdaman	Mdaman	Mdaman	Mdaman	Mdaman	Mdaman	Mdaman	Mdaman	Mdaman	Mdaman	Mdaman	Mdaman	Mdaman	Mdaman	Mdaman	Mdaman	Mdaman	Mdaman	Mdaman	
Name of DCO	D13,14	D13,14	D13,14	D13,14	D13,14	D13,14	D13,14	D13,14	D13,14	D13,14	D13,14	D13,14	D13,14	D13,14	D13,14	D13,14	D13,14	D13,14	D13,14	D13,14	
Name of D-Canal	D14	D14	D14	D14	D14	D14	D14	D14	D13	D13	D13	D13	D14	D14	D14	D14	D14	D14	D14	D14	
Name of F-Canal	FC69	FC70	FC71	FC72	FC73	FC74	FC75	FC76	FC47	FC48	FC49	FC50	FC51	FC52	FC53	FC54	FC65	FC66	FC67	FC68	
Extent under Irrigation (ha)		121	141	81	121	111	121	111	121	101	171	171	101	141	191	71	71	81	101	111	81
Total Length of F-Canals (m)		9921	10551	96231	981	9631	17751	18851	1231	1121	9781	1261	9651	97251	97651	97651	1041	9891	9351	9751	9441
Total Length of D-Canals(m)		11	11	11	11	11	11	11	11	1341	1341	1341	1341	111	111	11	111	111	111	111	111

Maintenance Report

	FC69	FC70	FC71	FC72	FC73	FC74	FC75	FC76	FC47	FC48	FC49	FC50	FC51	FC52	FC53	FC54	FC65	FC66	FC67	FC68
Average height of weed (cm)	81	111	101	151	151	101	121	91	91	81	121	181	121	101	151	181	121	201	81	91
Depth of silt - Head (cm)	41	41	51	51	51	51	61	41	51	51	31	121	41	91	101	61	51	71	41	31
Depth of Silt - Middle (cm)	71	71	71	81	71	71	81	71	71	71	51	141	51	71	151	81	101	101	61	51
Depth of Silt - Tail (cm)	81	111	101	151	101	101	121	91	101	101	81	151	81	101	131	121	121	121	101	81
No. of overtopping places	21	71	none	none	21	none	none	none	21	none	none	none	none	41	61	31	51	31	121	none
No. of damages (canal bank)	21	91	21	51	21	31	none	none	21	none	none	21	none	21	41	11	31	21	81	21
<u>Conditions of the structures</u>																				
Farm Tumours property /total	121	141	81	121	111	121	111	121	101	171	171	101	141	101	71	71	81	101	111	81
Drop structures functioning / total	2/6	3/14	5/8	7/12	3/5	4/5	9/11	7/12	3/7	5/15	3/10	2/6	3/5	5/5	2/4	3/5	2/5	3/6	4/8	2/4
<u>Structures requiring repairs:</u>																				
Culverts	none	none	none	3/12	2/5	2/5	1/11	2/12	3/10	none	3/17	none	3/14	none	1/7	2/7	2/8	2/10	none	none
Canal lining	none	none	none	none	none	none	2/11	none	none	none	none	none	2/14	none	4/7	none	none	none	2/11	none
Under crossings	none	none	5/8	2/12	2/11	none	1/11	3/12	none	9/15	none	none	5/14	none	none	1/7	3/8	3/10	none	2/8
T.O. Gates	1/12	1/14	1/8	1/12	1/11	1/12	1/11	1/12	1/10	1/15	1/17	1/10	1/14	1/10	1/7	1/7	1/8	1/10	1/11	1/8
<u>Condition of O & M roads</u>	none	poor	poor	poor	poor	poor	poor	poor	poor	poor	average	poor	poor	poor	poor	poor	poor	poor	poor	poor
Structures repaired under ESI	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Works under ESI - Road filling	yes	yes	none	none	yes	yes	none	yes	none	none	none	yes	none	N/R	N/R	N/R	N/R	N/R	N/R	N/R
Works under ESI - Lining	yes	yes	none	none	yes	yes	none	yes	none	none	none	yes	none	N/R	N/R	N/R	N/R	N/R	N/R	N/R
Works under ESI - Drainage	yes	none	none	none	none	yes	yes	none	yes	none	yes	none	none	N/R	N/R	N/R	N/R	N/R	N/R	N/R
Works under ESI - Gates	yes	none	yes	yes	none	none	none	yes	none	yes	none	yes	yes	N/R	N/R	N/R	N/R	N/R	N/R	N/R

DCO Activity Report

	FC69	FC70	FC71	FC72	FC73	FC74	FC75	FC76	FC47	FC48	FC49	FC50	FC51	FC52	FC53	FC54	FC65	FC66	FC67	FC68
Number of Sasudana	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01
Participation	051	051	051	051	051	051	051	051	051	051	051	051	051	051	051	051	051	051	051	051
Un authorized irrigation outlets	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Reservoir cultivation	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Participation in O & M activities	poor	average	average	average	average	good	average	average	average	average	average	average	good	average	average	average	average	good	average	poor
Organizational Activities	average	average	average	average	average	poor	average	good	average	good	average	good	good	good	good	good	average	good	average	poor
Planning	poor	average	average	good	average	good	good	average	average	good	average	good	average	average	average	average	average	good	average	average
Income generation / Expenses	poor	average	poor	average	poor	poor	poor	average	poor	average	poor	good	average	poor	average	poor	poor	average	average	poor
Activities	poor	average	poor	average	average	average	poor	average	average	good	average	good	average	average	good	average	average	good	average	good
Participation of Leaders	poor	poor	average	average	average	average	average	poor	average	average	average	average	average	poor	poor	average	average	average	average	average
Exchange of Ideas	poor	average	average	average	good	good	good	average	average	average	average	average	average	good	good	average	good	good	good	average
Planning	poor	average	average	average	good	good	good	average	average	average	average	average	average	average	good	average	good	average	good	average
Collection of funds	poor	poor	average	poor	poor	poor	poor	average	poor	poor	average	good	average	average	good	average	average	poor	average	poor
Organization Activities	poor	poor	average	average	average	good	good	average	average	average	average	good	average	average	good	average	good	average	average	average
Interaction with IDU	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	average	poor	poor	average	average	average	average	poor	poor
Support of Eng. staff	poor	poor	poor	poor	poor	average	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	average	poor	poor
Works with DCO	poor	poor	good	average	poor	good	average	average	average	average	average	good	good	good	good	average	good	good	average	average
Guides DCO	poor	poor	average	average	good	good	average	average	average	average	average	good	good	good	average	good	good	good	good	average

EVALUATION OF DCO ACTIVITIES

FIELD CANALS REPORT

DATE OF SURVEY **NOV, 1994**

General Information

Block	Elleweva	Elleweva	Elleweva	Elleweva	Elleweva	Elleweva	Elleweva	Elleweva	Elleweva	Elleweva	Elleweva	Elleweva	Elleweva	Elleweva	Elleweva	Elleweva	Elleweva	Elleweva
Unit	PElleweva	PElleweva	PElleweva	PElleweva	PElleweva	PElleweva	PElleweva	PElleweva	PElleweva	PElleweva	PElleweva	PElleweva	PElleweva	PElleweva	PElleweva	PElleweva	PElleweva	PElleweva
Name of DCO	101 D14	101 D14	101 D14	101 D14	101 D14	101 D14	103 D9	103 D9	103 D9	103 D9	103 D9	103 D9	103 D9	103 D9	103 D9	103 D9	103 D9	103 D9
Name of D-Canal	101 D14	101 D14	101 D14	101 D14	101 D14	101 D14	103 D9	103 D9	103 D9	103 D9	103 D9	103 D9	103 D9	103 D9	103 D9	103 D9	103 D9	103 D9
Name of F-Canal	FC60	FC59	FC58	FC57	FC56	FC55	FC100	FC99	FC98	FC97	FC96	FC95	FC94	FC93	FC92	FC91	FC90	FC89
Extent under Irrigation (ha)		79.79		79	79	79	79	22	22	22	22	22	22	22	22	22	22	22
Total Length of F-Canals (m)	0.950	1.35	0.891	0.690	0.890	1.160	0.670	0.810	0.675	1.125	0.400	0.460	0.970	0.850	0.800	0.825	0.810	0.860
Total Length of D-Canals(m)	1.100	1.100	1.100	1.100	1.100	1.100	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260

Maintenance Report

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	FC60	FC59	FC58	FC57	FC56	FC55	FC100	FC99	FC98	FC97	FC96	FC95	FC94	FC93	FC92	FC91	FC90	FC89
Average height of weed (cm)	101	101	101	101	101	101	121	101	101	101	101	101	101	101	101	101	101	101
Depth of silt - Head (cm)	81	51	51	71	51	51	71	91	71	71	51	51	51	51	51	71	71	71
Depth of Silt - Middle (cm)	121	151	121	121	151	181	151	101	101	101	111	101	101	121	111	111	101	121
Depth of Silt - Tail (cm)	231	221	261	251	221	261	281	281	221	221	281	221	281	281	291	201	221	231
No. of overtopping places	21	none	none	none	none	none	31	41	51	31	11	21	41	none	11	41	31	none
No. of damages (canal bank)	11	none	none	none	none	41	21	51	none	41	31	41	81	none	11	41	31	none
Conditions of the structures	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	11	21	31
Farm Turnouts properly / total	0/6	0/6	0/6	0/6	0/6	0/6	2	2	2	2	2	2	2	2	2	21	21	21
Drop structures functioning / total	0/6	0/6	0/6	0/6	0/6	0/6	41	41	41	41	41	41	41	41	41	41	41	41
Structures requiring repairs:																		
Culverts	21	41	11	501	41	11	31	41	21	41	21	31	31	none	none	31	31	21
Canal lining	351	501	3001	501	1001	none	501	301	401	301	151	301	231	none	none	351	251	501
Under crossings	none	none	none	none	none	none	21	11	11	21	11	none	11	none	none	21	31	21
T.O. Gates	none	none	none	none	none	none	11	11	11	21	none	11	11	none	none	none	none	11
Condition of O & M roads	average	average	average	average	poor	none	average	poor	poor	poor	none	poor	average	good	good	none	poor	average
Structures repaired under ESI	none	none	none	none	none	poor	none	none	none	none	none	none	none	none	none	none	none	yes
Works under ESI - Road filling	yes	yes	yes	yes	none	yes	yes	none	none	none	none	yes	yes	yes	yes	none	yes	none
Works under ESI - Lining	none	none	none	none	none	none	yes	none	none	none	none	none	yes	yes	yes	none	none	yes
Works under ESI - Drainage	none	none	none	none	none	none	none	none	none	none	none	none	yes	yes	yes	none	none	none
Works under ESI - Gates	none	none	none	none	none	none	none	none	none	none	none	none	yes	yes	yes	none	none	none

DCO Activity Report

	FC60	FC59	FC58	FC57	FC56	FC55	FC100	FC99	FC98	FC97	FC96	FC95	FC94	FC93	FC92	FC91	FC90	FC89
Number of Samadana	none	none	none	none	none	2		none	none	none	none	21	2	31	41	none		41
Participation	201	201	251	201	251	251	251	251	251	251	251	251	351	351	351	401	201	201
Un authorized irrigation outlets	none	none	none	none	none	none		none	none	01	none	none	31	none	11	31	none	21
Reservoir cultivation	none	none	none	none	none	none		51	51	51	good	none	21	41	none	good	51	none
Participation in O & M activities	good	good	good	good	good	good	good	good	good	average	good	good	good	good	good	good	good	average
Organizational Activities	average	average	average	average	good	average	poor	average	average	average	average	average	poor	average	good	good	good	average
Planning	average	average	average	average	good	good	poor	average	poor	poor	average	average	poor	average	good	good	good	average
Income generation / Expenses	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor
Activities	average	average	average	average	good	good	poor	average	average	poor	average	average	poor	good	good	good	average	poor
Participation of Leaders	good	good	good	good	good	good	poor	poor	poor	poor	poor	good	poor	good	good	poor	average	average
Exchange of Ideas	average	average	average	average	average	good	poor	poor	poor	poor	average	good	poor	average	good	average	average	poor
Planning	average	average	average	average	average	good	poor	poor	poor	poor	average	average	poor	average	poor	average	average	poor
Collection of funds	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	good	poor	poor
Organization Activities	average	average	average	average	average	good	poor	poor	poor	good	average	poor	poor	good	good	good	good	average
Interaction with IDU	good	good	good	good	good	good	good	poor	good	good	good	good	poor	good	good	good	good	good
Support of Eng. staff	good	good	good	good	good	good	good	good	good	good	good	good	poor	good	good	good	good	good
Works with DCO	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good
Guides DCO	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good

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DCO Activity Report

	FC13	FC14	FC16	FC15	FC11	FC10	FC9	FC8	FC6	FC5	FC4	FC3	FC60	FC61	FC62	FC64	FC59	FC58	FC57	FC56	FC54	FC53	FC8	FC7	
Number of Ramadan	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Participation	75	75	75	75	75	75	75	75	75	75	75	75	45	45	75	75	75	75	75	75	75	75	75	75	75
Un authorized irrigation outlets	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Reservation cultivation	1	none	none	none	none	none	1	1	none	1	1	1	none	none	none	14	none	none	none	none	none	none	none	none	none
Participation in O & M activities	average	average	average	average	average	average	average	average	average	average	average	average	good	good	average	average	average	average	average	average	average	average	average	average	average
Organizational Activities	good	good	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average
Planning	good	good	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average
Income generation / Expenses	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor
Activities	good	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average
Participation of Leaders	good	good	good	good	average	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good
Exchange of Ideas	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good
Planning	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good
Collection of funds	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good
Organization Activities	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good
Interaction with IDU	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor
Support of Eng. staff	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average
Works with DCO	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good
Overall DCO	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good

DCO Activity Ref	FC43	FC44	FC45	FC2	FC3	FC4	FC5	FC30	FC31	FC31A	FC33	FC34	FC37	FC39	FC40	FC41	FC41A	FC42	FC1	FC28	FC3	FC5	FC6	FC7	FC8	FC9	FC10
Number of Seminars	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1
Participation	50	50	50	50	50	50	25	75	50	75	50	50	75	75	75	75	75	50	25	50	50	75	75	50	25	50	50
Un authorized Impugnation outlets	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	N/A	none	none
Reservation cultivation	11/15	9/13	6/9	12/14	3/8	15/18	12/14	9/13	9/12	2/7	5/8	7/11	none	8/10	11/15	2/10	3/11	7/12	7/11	8/12	4	8/14	7/14	4/12	10/18	5/7	12/14
Participation in O & M activities	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Organizational Activities	average	good	good	average	average	good	average	good	good	good	average	average	good	average	average	average	average	average	average	good	average	average	good	good	poor	average	poor
Planning	average	average	average	average	average	average	average	good	good	good	average	average	good	average	average	average	average	average	average	good	average	average	good	good	poor	average	poor
Income generation / Expenses	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	average	poor	poor	poor	poor	poor	poor
Activities	average	average	average	average	average	average	poor	average	average	average	average	average	average	good	average	average	average	average	average	good	average	average	good	good	poor	average	poor
Participation of Leaders	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Exchange of Ideas	average	good	good	average	good	good	average	good	average	good	good	average	good	average	good	good	good	good	good	good	average	good	good	average	average	average	average
Planning	average	average	average	average	average	average	average	good	average	average	average	average	average	average	average	average	average	average	average	good	poor	good	average	average	poor	poor	poor
Collection of funds	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor
Organization Activities	average	average	average	average	average	average	poor	average	average	good	good	average	good	average	average	average	average	average	average	good	average	good	good	poor	average	average	average
Interaction with IDU	poor	poor	poor	poor	poor	poor	poor	poor	average	none	poor	poor	poor	average	poor	poor	poor	poor	poor	poor	average	poor	poor	average	poor	poor	poor
Support of Eng. staff	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Works with DCO	average	average	average	average	good	average	average	good	good	average	good	average	average	average	average	good	good	average	average	good	average	good	good	average	average	good	average
Guides DCO	average	average	average	average	average	average	average	good	average	average	good	average	average	average	average	average	average	average	average	good	good	average	good	good	average	good	average

EVALUATION OF DCO ACTIVITIES

FIELD CANALS REPORT

DATE OF SURVEY NOV, 1994

General Information

Block	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa	ElBewwa
Unit	Magudama	Magudama	Magudama	Magudama	Magudama	Magudama	Magudama	Magudama	Magudama	Magudama	Magudama	Magudama	Magudama	Magudama	Magudama	Magudama	Magudama	Magudama	Magudama	Magudama	Magudama
Name of DCO	SDS1	SDS2	SDS2	SDS2	SDS2	SDS2	SDS2	SDS2	SDS1	SDS1	SDS1	SDS1	SDS1	SDS1	SDS1	SDS1	SDS1	SDS1	SDS1	SDS1	SDS2
Name of D-Canal	SDS1	SDS2	SDS2	SDS2	SDS2	SDS2	SDS2	SDS2	SDS1	SDS1	SDS1	SDS1	SDS1	SDS1	SDS1	SDS1	SDS1	SDS1	SDS1	SDS1	SDS2
Name of F-Canal	FC17	FC22	FC49	FC48	FC45	FC43	FC41	FC39	FC37	FC36	FC34	FC29	FC28	FC27	FC25	FC23	FC22	FC21	FC20	FC19	FC51
Extent under irrigation (ha)	45	15	90	160	150	11	15	13	2	150	140	120	140	120	140	110	130	90	140	190	140
Total Length of F-Canals (m)	545	1190	1115	850	3200	610	800	220	155	12800	1345	150	1750	440	1100	705	130	1400	820	1425	1700
Total Length of D-Canals (m)	1354	690	1640	690	690	1690	1690	1690	1354	1244	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1990

Maintenance Report

	FC17	FC52	FC49	FC48	FC45	FC43	FC41	FC39	FC37	FC36	FC34	FC29	FC28	FC27	FC25	FC23	FC22	FC21	FC20	FC19	FC51
Average height of weir (cm)	140	11	80	170	170	110	70	150	100	70	60	80	110	140	70	40	70	170	140	160	160
Depth of silt - Head (cm)	10	none	none	none	10	none	20	none	20	none	20	30	30	30	30	20	none	20	none	20	40
Depth of Silt - Middle (cm)	80	40	80	110	80	70	40	40	40	30	70	40	40	70	70	100	80	40	40	50	50
Depth of Silt - Tail (cm)	20	10	10	30	10	10	10	20	40	10	10	10	10	10	10	10	10	10	10	10	10
No. of overtopping places	10	10	20	none	none	10	20	10	20	10	10	10	10	10	10	10	10	10	10	10	10
No. of damages (canal bank)	none	none	10	none	none	none	10	none	50	none	10	none	none	none	none	none	none	none	10	10	10
Condition of the structures																					
Farm Turnouts properly / total	7/9	13/15	14/16	14/16	13/15	8/11	13/15	11/13	10/12	13/15	11/14	10/12	12/14	11/12	12/14	9/11	11/13	5/6	12/14	14/16	12/14
Drop structures functioning / total	7/9	8/9	8/9	9/11	8/9	6/7	9/11	8/9	10/12	10/11	9/12	7/8	6/7	8/10	8/9	7/8	7/8	4/5	7/9	9/11	7/9
Structures requiring repairs:																					
Culverts	none	none	none	2/8	none	1/3	none	none	2/6	1/6	2/7	none	none	none	none	none	none	none	none	2/8	2/7
Canal lining	none	none	none	none	none	none	none	none	1/3	none	none	none	none	none	none	none	none	none	none	none	none
Under crossings	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
T.O Gates	2/9	1/15	none	2/16	none	2/11	none	none	2/12	4/15	3/14	none	none	2/12	2/9	none	2/13	1/6	2/14	3/16	2/14
Condition of O & M Roads	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Structures repaired under ESI	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Works under ESI - Road Filling	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Works under ESI - Lining	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Works under ESI - Drainage	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Works under ESI - Gates	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none

DCO Activity Report	FC17	FC52	FC49	FC48	FC45	FC43	FC41	FC39	FC37	FC36	FC34	FC29	FC28	FC27	FC25	FC23	FC22	FC21	FC20	FC19	FC51	
Number of Sramadana	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
Participation	50%	50%	50%	50%	40%	40%	50%	40%	50%	40%	50%	40%	40%	50%	40%	50%	50%	50%	50%	40%	50%	50%
Un authorized irrigation outlets	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Reservation cultivation	9/9	9/15	9/16	9/16	13/15	8/11	11/15	7/13	7/12	12/15	11/14	9/12	11/14	9/12	14/14	7/9	11/13	3/6	10/14	12/16	11/14	
Participation in O & M activities	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Organizational Activities	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average
Planning	average	average	average	average	poor	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average
Income generation / Expenses	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor
Activities	average	average	average	average	poor	poor	average	average	average	average	average	poor	average	average	average	average	average	average	average	average	average	average
Participation of Leaders	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Exchange of Ideas	average	poor	average	poor	poor	poor	poor	poor	average	good	good	average	average	poor	poor	average	poor	good	average	average	average	poor
Planning	average	poor	average	poor	poor	poor	poor	poor	average	good	good	average	poor	poor	poor	average	poor	average	average	average	average	poor
Collection of funds	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	average	poor	poor
Organization Activities	average	poor	poor	poor	poor	poor	poor	poor	average	good	good	average	poor	poor	poor	average	poor	average	average	average	average	poor
Interaction with IDU	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good
Support of Eng. staff	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Works with DCO	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	good	good	average	average
Guides DCO	average	average	average	average	average	average	average	average	poor	average	average	average	average	average	average	average	average	average	average	average	average	average

DCO Activity Report FC29 FC26 FC24 FC22 FC20 FC19A FC19 FC18 FC36 FC35 FC34 FC33 FC32 FC31 FC30 FC52 FC50 FC49 FC48 FC46 FC44 FC43 FC42 FC41 FC40 FC38 FC37

Number of Sessions	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51												
Participation	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451				
Un authorized irrigation outlets	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Reservations discussion	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Participation in O & M activities	good	average	average	average	average	average	poor	poor	none	good	good	average	average	poor	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none		
Organizational Activities	poor	poor	poor	poor	average	average	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	
Planning	poor	poor	poor	poor	average	average	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	
Income generation / Expenses	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	
Activities	poor	poor	poor	poor	average	average	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor		
Participation of Leaders	good	good	good	good	good	good	good	average	good	good	good	good	good	average	good	good	NR	NR	NR	good	NR	good	NR	good	NR	good	NR	good	NR	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good		
Exchange of Ideas	good	good	good	good	good	good	good	poor	good	good	good	good	good	average	good	good	NR	NR	NR	good	NR	good	NR	good	NR	good	NR	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	
Planning	good	good	good	good	good	good	good	poor	good	good	good	good	good	average	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	
Collection of funds	poor	poor	poor	poor	poor	poor	good	poor	poor	good	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor		
Organizations Activities	good	good	good	good	good	good	good	poor	good	good	good	good	good	average	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	good	
Interactions with IDU	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	
Support of Ent. staff	average	average	average	average	average	average	average	average	average	average	good	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	average	
Works with DCO	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor
Guides DCO	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor	poor

