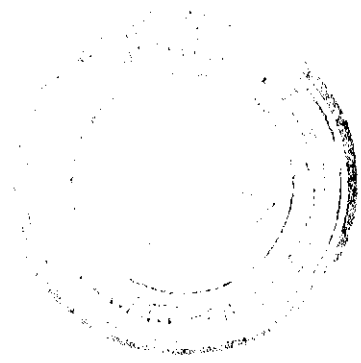


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# Master report

Tanks in priority order of endowment

H 21249

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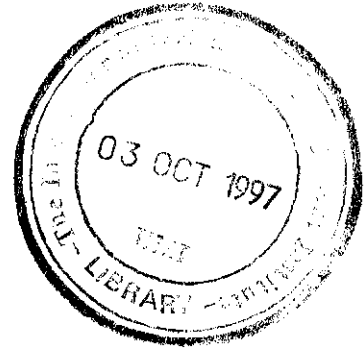
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**Identification of Hydrologically Endowed Small Tanks for Rehabilitation  
and Agrowell Development Potential in the Cascades of Anuradhapura  
District, North Central Province, Sri Lanka**



**96 CASCADE REPORTS WITH  
SPECIFIC RECOMMENDATIONS**

**Volume II**

**April 1997**

**International Irrigation Management Institute  
Sri Lanka National Program  
127 Sunil Mawatha  
Pelawatte, Battaramulla**

## Padawiya DS division - 1

### Cascade : Navagaswewa ( 1)

Endowed cascade V/R50= 11.61 %

Div. No.	Cas. No.	Prio. order	Tank	No. of families	Command area (ha)	Previous year of rehabilitation	RO/IWD ratio	C/IWD ratio	Maha CI	PSS score	Farmer's proposal in priority order	Recommendations	Investment level	Category
1	1	1	Pahala Nawagas wewa (3)	15	40.50		1.11	0.19	0.75	72	i. Bund raising and strengthening. ii. Replace step sluices (3). iii. Increase storage capacity. iv. Construction of new channels.	Recommended.  Type - G  - All tank repairs and improvements. - Capacity augmentation. - Command area expansion. - Water diversion. - Improve water use efficiency.	High investment.	Minor
1	1	2	Ihala Nawagas wewa (1)	24	24.30	1967	0.66	0.34	0.50	54	i. Construction of new channels. ii. Repairs to sluices. iii. Arrest bund leakage. iv. Increase storage capacity.	Recommended.  Type - J  - All tank repairs and improvements. - Resource augmentation. - Management and institutional improvements. - Improve water use efficiency.	Medium investment.	Micro
1	1	3	Mahasempura wewa (2)	10	20.00		0.40	0.09	0.00	82	An abandoned tank for a long period. Farmers require a full	Recommended.	High investment.	Micro



											restoration to cultivate 20 ha. Require increasing present storage capacity.	Type - L  - All tank repairs and improvements. - Resource augmentation. - Capacity augmentation. - Management and institutional improvements. - Improve water use efficiency.		
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## Kebithigollewa DS division - 2

### Cascade : Kolibendawewa (10)

Not endowed cascade V/R50= 4.14 %

Div. No.	Cas. No.	Prio. order	Tank	No. of families	Command area (ha)	Previous year of rehabilitation	RO/IWD ratio	C/IWD ratio	Maha CI	PSS score	Farmer's proposal in priority order	Recommendations	Investment level	Category
2	10	1	Timbiri wewa (10)	20	9.31		3.30	1.26	1.00	78	i. Strengthen tank bund. ii. Repair sluices. iii. Repair spill. iv. Repair canals.	Recommended.  Type - A.  - All tank repairs and improvements. - Improve water use efficiency.	High investment.	Micro
2	10	2	Kohibendewa wewa (6)	78	64.75	1993	2.61	0.44	1.00	42	Rehabilitated in 1993 i. Repair spill. ii. Repair canal system.	Not recommended.	No investment.	Minor
2	10	3	Hendagame wewa (11)	80	109.26		2.25	0.43	1.00	38	A medium tank. i. Strengthen tank bund. ii. Replace LB step sluice. iii. Improvements to spill. iv. Improvements to canals.	Recommended.  Type - A.  - All tank repairs and improvements. - Improve water use efficiency.	Low investment.	Medium
2	10	4	Kirimetiyyawa wewa (3)	50	27.52		2.05	0.55	0.71	66	i. Strengthen tank bund. ii. Repair sluices. iii. Repair spill. iv. Repair canal system.	Recommended.  Type - A.	High investment.	Micro

												- All tank repairs and improvements. - Improve water use efficiency.		
2	10	5	Lolugas wewa (9)	0	28.33	1995	0.71	0.32	0.71	38	Rehabilitated in 1995 under IRDP.	Not recommended.	No investment.	Micro
2	10	6	Tikiri Siyabalawe wewa (8)	20	19.43		0.47	0.15	0.73	78	i. Strengthen tank bund. ii. Replace step sluice and other sluice. iii. Provide a new spill.	Recommended.  Type - C.  - All tank repairs and improvements. - Provide dug wells. - Improve water use efficiency.	High investment.	Micro
2	10	7	Relapanawa wewa (1)	201	32.37	1993	0.44	0.45	1.00	70	The tank was rehabilitated in 1993 under IRDP. Strengthen tank bund.	Not recommended.	No investment.	Micro
2	10	8	Damunugollewa wewa (2)	22	16.19		0.42	0.20	1.00	85	1. Strengthening tank bund. 2. To replace step sluices. 3. Repair spills.	Recommended.  Type - C.  - All tank repairs and improvements. - Provide dug wells. - Improve water use efficiency.	High investment.	Micro
2	10	9	Kohombagas wewa (7)	0	66.77		0.40	0.09	1.00	85	The tank is in good condition.	Not recommended.	No investment.	Minor
2	10	10	Udangawa wewa (5)	60	60.70	1989	0.18	0.14	1.00	44	Rehabilitated in 1989. i. Strengthening tank bund.	Not recommended.	No investment.	Minor

											ii. Replace LB step sluice. iii. Repair canal system.			
2	10	11	Kuda Undengawe wewa (4)	0	0.00		0.00	0.00	0.00	74	A non-working, abandoned tank. Farmers require a full restoration.	Not recommended.	No investment.	Micro

## Kebithigollewa DS division - 2

### Cascade : Kunchchuttuwa ( 8)

Not endowed cascade V/R50= 4.10 %

Div. No.	Cas. No.	Prio. order	Tank	No. of families	Command area (ha)	Previous year of rehabilitation	RO/IWD ratio	C/IWD ratio	Maha CI	PSS score	Farmer's proposal in priority order	Recommendations	Investment level	Category
2	8	1	Viharagama wewa (10)	1	43.30		23.55	0.00	0.00	0	A breached very small tank. Farmers require a full restoration.	Not recommended.	No investment.	Minor
2	8	2	Kuda Kadigala wewa (15)	8	2.83		9.44	0.00	0.00	86	A breached small tank. Farmers require a full restoration.	Not recommended.	No investment.	Micro
2	8	3	Viharahammillawa wewa (11)	58	43.30		1.93	0.32	0.56	38	1. Minor repairs to tank bund 2. Minor repairs to channels. 3. Augmentation of tank by an anicut constructed across Kunchuchuttuwa spill tail canal.	Recommended.  Type - B.  - All tank repairs and improvements. - Management and institutional improvements. - Improve water use efficiency.	Low investment.	Minor
2	8	4	Kunchuttuwa wewa (8)	60	67.75		1.25	0.59	0.59	44	1. Strengthen tank bund. 2. Repair sluices. 3. Repair spill.	Recommended.  Type - B.  - All tank repairs and improvements.	Medium investment.	Minor



													- Improve water use efficiency.		
2	8	8	Minipitiya wewa (6)	4	5.26		0.65	0.08	0.38	78	1. Strengthen tank bund 2. Replace sluices 3. Construct spills 4. Repair canal system	Not recommended.	No investment.	Micro	
2	8	9	Kolibendewa wewa (5)	60	24.28		0.63	0.56	1.00	44	1. Strengthen tank bund 2. Repair spills 3. Repair sluices 4. Repair canals	Recommended.  Type - C.  - All tank repairs and improvements. - Provide dug wells. - Improve water use efficiency.	Medium investment.	Micro	
2	8	10	Maha Kadigala wewa (16)	8	8.09		0.62	0.38	1.00	86	Strengthen tank bund. Farmers require a full rehabilitation.	Recommended.  Type - C.  - All tank repairs and improvements. - Provide dug wells. - Improve water use efficiency.	High investment.	Micro	
2	8	11	Kuda wewa (2)	12	7.28		0.59	0.30	0.67	60	1. Repair to tank bund 2. Construct sluices 3. Repair canals	Recommended.  Type - C.  - All tank repairs and improvements. - Provide dug wells. - Improve water use efficiency.	High investment.	Micro	
2	8	12	Maha Halmillawetiya	20	12.40		0.56	0.00	0.00	86	A breached, non working	Recommended.	High	Micro	

			wewa (14)								tank. Farmers require full restoration.	Type - D - All tank repairs and improvements. - Provide dug wells. - Management and institutional improvements. - Improve water use efficiency.	investment.	
2	8	13	Kude Gama wewa (4)	4	6.07		0.54	0.14	1.00	74	1. Repair tank bund 2. Construct sluices 3. Construct spill 4. Construct canal system	Not recommended.	No investment.	Micro
2	8	14	Galapita wewa (7)	18	12.14		0.52	0.13	0.67	74	1. Repair tank bund 2. Construct sluices 3. Construct spill 4. Construct canal system	Recommended. Type - C. - All tank repairs and improvements. - Provide dug wells. - Improve water use efficiency.	High investment.	Micro
2	8	15	Pincha wewa (3)	3	8.90		0.40	0.06	0.00	58	A small non-working tank. Farmers require: 1. Repairs to bund/break filling. 2. Construction of spill. 3. Repairs to sluice.	Not recommended.	No investment.	Micro
2	8	16	Medawewa wewa (1)	80	28.33		0.26	0.26	1.00	40	1. Repair sluices 2. Repair spills 3. Repair canal system	Recommended. Type - C.	Medium investment.	Micro





## Kebithigollewa DS division - 2

### Cascade : Thammennawa (12)

Not endowed cascade V/R50= 2.25 %

Div. No.	Cas. No.	Prio. order	Tank	No. of families	Command area (ha)	Previous year of rehabilitation	RO/IWD ratio	C/IWD ratio	Maha CI	PSS score	Farmer's proposal in priority order	Recommendations	Investment level	Category
2	12	1	Meegaha wewa (1)	21	4.00		2.67	0.50	0.50	52	<ol style="list-style-type: none"> <li>1. Replace LB &amp; RB step sluices with control gated switches.</li> <li>2. Clear up temporary filing in the bund &amp; re-fill property - raise to proper level &amp; strengthen bund.</li> <li>3. Provide spill.</li> </ol>	<p>Recommended.</p> <p>Type - B.</p> <ul style="list-style-type: none"> <li>- All tank repairs and improvements.</li> <li>- Management and institutional improvements.</li> <li>- Improve water use efficiency.</li> </ul>	Medium investment.	Micro
2	12	2	Kuda Watte wewa (10)	120	28.30		1.90	1.44	1.00	70	<ol style="list-style-type: none"> <li>1. Raise bund to proper level to stop over flowing.</li> <li>2. Provide gate to extreme RB sluice. Repair leak at the gate of RB sluice. replace LB step sluice with a control gated.</li> <li>3. Provided channel system.</li> </ol>	<p>Recommended.</p> <p>Type - A.</p> <ul style="list-style-type: none"> <li>- All tank repairs and improvements.</li> <li>- Improve water use efficiency.</li> </ul>	High investment.	Micro
2	12	3	Tikiri Hendewa wewa (4)	18	34.40	1994	1.69	0.30	0.88	54		Not recommended.	No investment.	Micro
2	12	4	Watte wewa (9)	120	80.90	1989	1.68	0.38	1.00	54	<ol style="list-style-type: none"> <li>1. Raise spill to increase capacity.</li> </ol>	Not recommended.	No investment.	Medium

											2. Bund - arrest leak at the old sluice - rise bund to proper level by filing. 3. LB sluice - repair leak at gate & provide distributory outlet with stilling basin. RB sluice - repair damaged inlet. 4. Rehabilitated channel system.			
2	12	5	Appu wewa (2)	21	23.10	1985	1.45	0.44	1.00	34	1. Raise spill crest level to increase capacity. 2. Fill the bund to make good the sources & dipressions (minor repair) 3. Repair damaged structures. Fill channel bunds water needed.	Recommended.  Type - A.  - All tank repairs and improvements. - Improve water use efficiency.	Low investment.	Micro
2	12	6	Pahala Thammannawa wewa (12)	30	18.20	1983	1.17	0.50	0.33	78	1. Bund - Raise and strengthen bund 2. Provide a spill on the LB 3. Replace RB step sluice with a control gate sluice.	Recommended.  Type - B.  - All tank repairs and improvements. - Management and institutional improvements. - Improve water use efficiency.	High investment.	Micro
2	12	7	Ihala Tammannawa wewa (11)	30	8.10		1.12	0.47	1.00	62	Bund - fill to raise bund to proper level making good the scours & depressions - arrest leaks in the bund. Spill - Provide a spill on the LB.	Recommended.  Type - A.  - All tank repairs and improvements.	High investment.	Micro

											Sluice - Provide sluice on the RB & replace LB step sluice.	- Improve water use efficiency.		
2	12	8	Kuda Appu wewa (3)	21	6.10	1994	0.93	0.28	0.40	42		Not recommended.	No investment.	Micro
2	12	9	Kuda Nika wewa (8)	48	15.40	1980	0.91	0.32	0.80	78	1. Replace step sluices with control gate sluices. 2. Divert the stream that flows a way from the tank with a bathing bund and a canal excavated from dam to tank.	Recommended.  Type - C.  - All tank repairs and improvements. - Provide dug wells. - Improve water use efficiency.	High investment.	Micro
2	12	10	Nika wewa (7)	48	24.30	1980	0.86	0.40	0.83	68	1. Provide spill. 2. Bund - minor repairs to make better sources and depreciations. Provide 2 no wiser sections for traffic crossings. 3. Provide a channel system.	Recommended.  Type - C.  - All tank repairs and improvements. - Provide dug wells. - Improve water use efficiency.	High investment.	Micro
2	12	11	Tikiri Hendewa kuda wewa (5)	18	14.60	1972	0.68	0.27	0.50	58	1. Replace step sluices with control gate sluices. 2. Provide a spill. 3. Bund - Minor repairs to make the sources better and depreciations.	Recommended.  Type - D  - All tank repairs and improvements. - Provide dug wells. - Management and institutional improvements. - Improve water use efficiency.	Medium investment.	Micro

2	12	12	Makadurugollewa wewa (6)	0	0.00		0.00	0.00	0.00	0	Not used as a tank.	Not recommended.	No investment.	Micro
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## Kebithigollewa DS division - 2

### Cascade : Kiwulekada (11)

Not endowed cascade V/R50= 2.03 %

Div. No.	Cas. No.	Prio. order	Tank	No. of families	Command area (ha)	Previous year of rehabilitation	RO/IWD ratio	C/IWD ratio	Maha CI	PSS score	Farmer's proposal in priority order	Recommendations	Investment level	Category
2	11	1	Kiwulekada wewa (9)	35	24.69	1976 RVDB	1.44	1.03	1.00	38	1. Minor repairs to bund. 2. Provide a channel system.	Recommended.  Type - A.  - All tank repairs and improvements. - Improve water use efficiency.	Low investment.	Micro
2	11	2	Kiwulekada Ihala (10)	2	3.64	1976 RVDB	1.29	0.62	0.75	0		Not recommended.	No investment.	Micro
2	11	3	Puliyankulama Kuda (2)	45	6.47		1.15	0.52	0.62	58	1. Raise and strengthen bund. 2. Replace sluice. 3. Provide spill. 4. Desilt tank bed.	Recommended.  Type - A.  - All tank repairs and improvements. - Improve water use efficiency.	Medium investment.	Micro
2	11	4	Amunuwetiya wewa (3)	40	30.76		1.00	0.05	0.10	0	Will be rehabilitated under samurdhi 1997.	Not recommended.	No investment.	Micro
2	11	5	Nawagas wewa (6)	6	6.07		0.95	0.33	0.40	42	1. Raise and strengthen bund. 2. Provide spill.	Recommended.	Medium investment.	Micro

											3. Desilt tank bed.	Type - D - All tank repairs and improvements. - Provide dug wells. - Management and institutional improvements. - Improve water use efficiency.		
2	11	6	Puliyankulama wewa (1)	45	24.28		0.94	0.58	0.70	46	1. Raise the bund where necessary. 2. Replace RB and center sluice. 3. Provide gate to spill. 4. Desilt tank bed.	Recommended.  Type - C. - All tank repairs and improvements. - Provide dug wells. - Improve water use efficiency.	Medium investment.	Micro
2	11	7	Ikirigollewa wewa (4)	0	10.12	1992,1995 DAS	0.82	0.43	0.25	0		Not recommended.	No investment.	Micro
2	11	8	Galkadawala wewa (8)	0	7.28	1991 DAS	0.66	0.32	0.40	0		Not recommended.	No investment.	Micro
2	11	9	Kiwulekada Kudagama (11)	40	25.50		0.63	0.12	0.15	62	1. Raise and strengthen bund. 2. Replace LB and RB sluices. 3. Provide a spill.	Recommended.  Type - D - All tank repairs and improvements. - Provide dug wells. - Management and institutional improvements. - Improve water use efficiency.	High investment.	Micro

2	11	10	Gonahaddenawa wewa (5)	110	95.10	1971 ID	0.61	0.84	1.00	56	<ol style="list-style-type: none"> <li>1. Raise, widen and graveled as used as a road.</li> <li>2. Repair all sluices to arrest leaks.</li> <li>3. Rehabilitate channel system.</li> <li>4. Desilt tank bed.</li> </ol>	<p>Recommended.</p> <p style="text-align: center;">Type - C.</p> <ul style="list-style-type: none"> <li>- All tank repairs and improvements.</li> <li>- Provide dug wells.</li> <li>- Improve water use efficiency.</li> </ul>	Medium investment.	Medium
2	11	11	Gonahaddenawa kudaga (7)	35	32.37	1996 WFP	0.61	0.23	0.30	0		Not recommended.	No investment.	Micro



## Kebithigollewa DS division - 2

### Cascade : Sinhala Etaweera wew (17)

Not endowed cascade V/R50= 1.56 %

Div. No.	Cas. No.	Prio. order	Tank	No. of families	Command area (ha)	Previous year of rehabilitation	RO/TWD ratio	CI/TWD ratio	Maha CI	PSS score	Farmer's proposal in priority order	Recommendations	Investment level	Category
2	17	1	Elapath wewa (7)	67	22.66		1.29	0.79	0.26	0	<ol style="list-style-type: none"> <li>1. Raise and strengthen bund.</li> <li>2. Repair LB sluice arrest leaks.</li> <li>3. Provide a new sluice.</li> <li>4. Repair spill to arrest leaks.</li> <li>5. Provide channel system.</li> <li>4. Desilt tank bed.</li> </ol>	<p>Recommended.</p> <p>Type - B.</p> <ul style="list-style-type: none"> <li>- All tank repairs and improvements.</li> <li>- Management and institutional improvements.</li> <li>- Improve water use efficiency.</li> </ul>	Low investment.	Micro
2	17	2	Punchi Hammillewa (5)	0	16.19	1995 WFP	1.04	0.22	0.30	0		Not recommended.	No investment.	Micro
2	17	3	Kuda Amunugala wewa (3)	17	4.05		0.82	0.20	0.15	0		<p>Recommended.</p> <p>Type - D</p> <ul style="list-style-type: none"> <li>- All tank repairs and improvements.</li> <li>- Provide dug wells.</li> <li>- Management and institutional improvements.</li> <li>- Improve water use efficiency.</li> </ul>	Low investment.	Micro

2	17	4	Sinhala Etaweera (2)	60	42.49		0.54	0.36	0.40	50	1. Raise and strengthen bund. 2. Repair LB sluice to arrest leaks. 3. Provide bathing steps to bund. 4. Construct a spill tail canal extending to Galkandegama wewa.	Recommended.  Type - D  - All tank repairs and improvements. - Provide dug wells. - Management and institutional improvements. - Improve water use efficiency.	Medium investment.	Minor
2	17	5	Maha Amunegala wewa (4)	25	26.30	1994 DAS	0.31	0.18	0.30	0		Not recommended.	No investment.	Micro
2	17	6	Ulpathgama wewa (1)	14	20.23		0.30	0.12	0.14	0	In good form.	Not recommended.	No investment	Micro
2	17	7	Kuda wewa (8)	30	13.76	1997 Samurdhi	0.17	0.12	0.44	0		Not recommended.	No investment.	Micro
2	17	8	Galkandegama wewa (6)	0	18.21		0.06	0.05	0.20	0		Not recommended.	No investment.	Micro

## Kebithigollewa DS division - 2

### Cascade : Meegaha Ulpotha ( 9)

Not endowed cascade V/R50= 0.00 %

Div. No.	Cas. No.	Prio. order	Tank	No. of families	Command area (ha)	Previous year of rehabilitation	RO/IWD ratio	C/IWD ratio	Maha CI	PSS score	Farmer's proposal in priority order	Recommendations	Investment level	Category
2	9	1	Megahaulpatha pahala (8)	8	2.02		1.48	1.77	1.00	58	1. Raise and strengthen bund. 2. Replace a step sluice. 3. Provide a spill. 4. Desilt tank bed.	Recommended.  Type - A.  - All tank repairs and improvements. - Improve water use efficiency.	Medium investment.	Micro
2	9	2	Gonumeriyawa wewa (3)	105	44.52	1979 ID	1.47	1.20	1.00	46	1. Raise and strengthen bund. 2. Repair RB and LB sluice to arrest leaks. 3. Provide proper channel system. 4. Desilt tank bed.	Recommended.  Type - A.  - All tank repairs and improvements. - Improve water use efficiency.	Medium investment.	Minor
2	9	3	Meegahaulpatha Ihala (9)	8	3.24		1.37	1.11	1.00	58	1. Raise and strengthen bund. 2. Replace step sluice. 3. Provide a spill. 4. Desilt tank bed.	Recommended.  Type - A.  - All tank repairs and improvements. - Improve water use efficiency.	Medium investment.	Micro

2	9	4	Viharabendi wewa (4)	1	4.86		1.22	0.22	0.80	40	Tank belongs to the temple.	Not recommended.	No investment.	Micro
2	9	5	Katukeliyawa wewa (6)	6	8.09		1.13	0.33	0.40	58	1. Raise and strengthen bund. 2. Repair both step sluices. 3. Provide a spill. 4. Desilt tank bed.	Recommended.  Type - B.  - All tank repairs and improvements. - Management and institutional improvements. - Improve water use efficiency.	Medium investment.	Micro
2	9	6	Gallenbindunu wewa (2)	12	10.12		1.12	0.13	0.20	56	1. Raise and strengthen bund. 2. Replace sub sluice. 3. Provide spill. 4. Desilt tank bed.	Recommended.  Type - B.  - All tank repairs and improvements. - Management and institutional improvements. - Improve water use efficiency.	Medium investment.	Micro
2	9	7	Potawa wewa (5)	42	60.70	1993 maintanance by PC	1.06	0.07	0.10	62	1. Raise and strengthen bund. 2. Provide proper channel system. 3. Desilt tank bed.	Recommended.  Type - B.  - All tank repairs and improvements. - Management and institutional improvements. - Improve water use efficiency.	High investment.	Minor
2	9	8	Kebithigollewa wewa (10)	183	131.52	1983	0.85	0.72	0.86	42	1. Minor repairs to bund. 2. Repair gate of sluice to	Recommended.	Medium investment.	Medium

											<p>arrest leaks.</p> <p>3. Provide proper channel system for water management.</p>	<p>Type - C.</p> <ul style="list-style-type: none"> <li>- All tank repairs and improvements.</li> <li>- Provide dug wells.</li> <li>- Improve water use efficiency.</li> </ul>		
2	9	9	Siyabalagas wewa (1)	1	10.12		0.85	0.14	0.20	36	Tank belongs to temple.	Not recommended.	No investment.	Micro
2	9	10	Welikikilige wewa (7)	6	8.09		0.56	0.31	0.40	58	<p>1. Raise and strengthen bund.</p> <p>2. Replace step sluice.</p> <p>3. Provide a spill.</p> <p>4. Desilt tank bed.</p>	<p>Recommended.</p> <p>Type - D</p> <ul style="list-style-type: none"> <li>- All tank repairs and improvements.</li> <li>- Provide dug wells.</li> <li>- Management and institutional improvements.</li> <li>- Improve water use efficiency.</li> </ul>	Medium investment.	Micro

## Kebithigollewa DS division - 2

### Cascade : Usgollewa (14)

Not endowed cascade V/R50= 0.00 %

Div. No.	Cas. No.	Prio. order	Tank	No. of families	Command area (ha)	Previous year of rehabilitation	RO/IWD ratio	C/IWD ratio	Maha CI	PSS score	Farmer's proposal in priority order	Recommendations	Investment level	Category
2	14	1	Siyabala wewa (1)	6	4.05		8.28	1.77	0.00	66	i. Increase the storage capacity of the tank. ii. Repair sluices. iii. Repair canal system.	Recommended.  Type - B.  - All tank repairs and improvements. - Management and institutional improvements. - Improve water use efficiency.	High investment.	Micro
2	14	2	Vehcragala wewa (5)	10	3.24		1.50	0.78	0.00	96	An abandoned tank. Farmers do not want to restore this tank.	Not recommended.	No investment	Micro
2	14	3	Pahala Usgollewa wewa (3)	95	76.89	1973	1.06	0.88	0.00	46	A big tank. i. Repair sluices ii. Repair spillway iii. Strengthen tank bund	Recommended.  Type - B.  - All tank repairs and improvements. - Management and institutional improvements. - Improve water use efficiency.	Medium investment.	Minor

2	14	4	Pankotuwa wewa (4)	6	8.09	1973	0.78	0.56	0.00	22	Minor repairs only.	Recommended.  Type - D  - All tank repairs and improvements. - Provide dug wells. - Management and institutional improvements. - Improve water use efficiency.	Low investment.	Micro
2	14	5	Ihala Usgollewa wewa (2)	30	26.30	1978	0.49	0.38	0.00	62	3i. Strengthen tank bund. ii. Repair sluices. iii. Repair canal system.	Recommended.  Type - D  - All tank repairs and improvements. - Provide dug wells. - Management and institutional improvements. - Improve water use efficiency.	High investment.	Micro
2	14	6	Palu Puliyankulame wewa (6)	20	30.35		0.42	0.29	0.00	96	A breached tank. Farmers need a full restoration of the tank.	Recommended.  Type - D  - All tank repairs and improvements. - Provide dug wells. - Management and institutional improvements. - Improve water use efficiency.	High investment.	Micro

## Kebithigollewa DS division - 2

### Cascade : Eithalwidda wewa (15)

Not endowed cascade V/R50= 0.00 %

Div. No.	Cas. No.	Prio. order	Tank	No. of families	Command area (ha)	Previous year of rehabilitation	RO/IWD ratio	C/IWD ratio	Maha CI	PSS score	Farmer's proposal in priority order	Recommendations	Investment level	Category
2	15	1	Kudapuliyankulama wa (9)	0	6.07	1995,1996 WFO	1.17	0.77	1.00	0		Not recommended.	No investment.	Micro
2	15	2	Kuda Katoragallewa (7)	0	29.14	1993 DAS maintainance	1.09	0.32	0.45	50	1. Fill breach sections part done and Raise bund to proper level to maintain free board. 2. Provide proper channel system.	Recommended.  Type - D  - All tank repairs and improvements. - Provide dug wells. - Management and institutional improvements. - Improve water use efficiency.	Medium investment.	Micro
2	15	3	Ihala wewa (3)	24	10.12		1.08	0.36	0.45	62	1. Fill breach, raise and strengthen bund. 2. Replace step sluices. 3. Provide spill. 4. Desilt tank bed.	Recommended.  Type - B.  - All tank repairs and improvements. - Management and institutional improvements. - Improve water use efficiency.	High investment.	Micro



2	15	4	Diaggale wewa (8)	2	4.86	1996 DAS	1.05	0.22	0.30	0		Not recommended.	No investment.	Micro
2	15	5	Mahagalkande wewa (2)	30	16.19	1982 DAS	0.95	0.18	0.25	0		Recommended.  Type - D  - All tank repairs and improvements. - Provide dug wells. - Management and institutional improvements. - Improve water use efficiency.	Low investment.	Micro
2	15	6	Kudalu wewa (5)	12	10.12	1995,1996 CIDA	0.83	0.24	0.15	0		Not recommended.	No investment.	Micro
2	15	7	Iethalawidda wewa (4)	40	107.24	1993 maintainance	0.52	0.10	0.10	58	1. Raise bund to proper level to maintain free board and strengthen bund. 2. Repair both damaged sluices. 3. Provide proper channel system. 4. Desilt tank bed.	Recommended.  Type - D  - All tank repairs and improvements. - Provide dug wells. - Management and institutional improvements. - Improve water use efficiency.	Medium investment.	Medium
2	15	8	Munamalgaha wewa (1)	0	24.28	1983 DAS	0.21	0.07	0.00	0	Abandoned.	Not recommended.	No investment.	Micro
2	15	9	Meegaha wewa (6)	16	26.30		0.19	0.10	0.10	36	1. Raise and strengthen bund. 2. Replace LB sep sluice.	Recommended.  Type - D	Low investment.	Micro



## Medawachchiya DS division - 3

### Cascade : Ethawetuna wewa ( 9)

Endowed cascade V/R50= 10.94 %

Div. No.	Cas. No.	Prio. order	Tank	No. of families	Command area (ha)	Previous year of rehabilitation	RO/IWD ratio	C/IWD ratio	Maha CI	PSS score	Farmer's proposal in priority order	Recommendations	Investment level	Category
3	9	1	Kahagollewa wewa (1)	3	4.05		1.31	0.56	0.73	60	1. Raise and strengthen bund. 2. Replace step sluice. 3. Provide bathing steps to bund. 4. Provide spill.	Not recommended.	No investment.	Micro
3	9	2	Ethawetuna wewa (3)	20	10.12	1995 JTF	1.22	1.40	1.00	34		Not recommended.	No investment.	Micro
3	9	3	Maha Kongaskada wewa (2)	67	70.82	1983	0.54	0.40	0.51	50	1. Raise and strengthen bund. 2. Repair both sluices to arrest leaks. 3. Provide bathing sluice to bund. 4. Repair spill to arrest leaks. 5. Provide proper channel system. 6. Desilt tank bed.	Recommended.  Type - J  - All tank repairs and improvements. - Resource augmentation. - Management and institutional improvements. - Improve water use efficiency.	Medium investment.	Minor
3	9	4	Welwetiya wewa (4)	0	0.00		0.00	0.00	0.00	0	Command area goes under Ulukulama tank.	Not recommended.	No investment.	Micro

## Medawachchiya DS division - 3

### Cascade : Mekichchawa ( 1)

Endowed cascade V/R50= 8.12 %

Div. No.	Cas. No.	Prio. order	Tank	No. of families	Command area (ha)	Previous year of rehabilitation	RO/IWD ratio	C/IWD ratio	Maha CI	PSS score	Farmer's proposal in priority order	Recommendations	Investment level	Category
3	1	1	Makichchawa wewa (10)	89	22.30	1996	22.23	2.41	0.81	24	Rehabilitation in progress	Not recommended.	No investment.	Micro
3	1	2	Dutu wewa (2)	8	9.70		6.50	0.60	0.00	66	1. Restore tank completely. 2. fill the breach, scours and depressions. 3. Provide spill and a sluice.	Recommended.  Type - F  - All tank repairs and improvements. - Management and institutional improvements. - Improve water use efficiency.	High investment.	Micro
3	1	3	Etambagas wewa (3)	105	48.60	1970	5.90	0.96	0.75	66	1. Repair leaks in LB & RB sluice. 2. Raise the bund to proper level to stop over flowing. 3. Channel system should be properly rehabilitated.	Recommended.  Type - E  - All tank repairs and improvements. - Command area expansion. - Water diversion. - Improve water use efficiency.	High investment.	Minor
3	1	4	Timbiri wewa (1)	20	12.10		4.54	0.36	0.00	70	1. Restore bund, fill the	Recommended.	High	Micro

											breach, scours and depressions. 2. Provide spill. 3. Provide channel system.	Type - F  - All tank repairs and improvements. - Management and institutional improvements. - Improve water use efficiency.	investment.	
3	1	5	Kuda Meegaskada wewa (5)	65	18.20		3.04	0.39	0.77	72	1. Raise bund to proper level filling up scours and depressions. 2. Replace step sluice with control gated sluice. 3. Provide spill. 4. Provide channel system.	Recommended.  Type - E  - All tank repairs and improvements. - Command area expansion. - Water diversion. - Improve water use efficiency.	High investment.	Micro
3	1	6	Rathmalwetiya wewa (15)	15	10.50		2.03	0.21	0.58	82	1. Fill up the bund to proper level making good the breached sections, scours and depressions. 2. Replace the step sluice with control gated sluice.	Recommended.  Type - H  - All tank repairs and improvements. - Capacity augmentation. - Management and institutional improvements. - Improve water use efficiency.	High investment.	Micro
3	1	7	Kadawatha wewa (13)	8	4.90	1965	1.69	0.46	1.00	86	1. Fill up the bund to proper level . Also fill up scours, breaches and depressions. 2. Replace the step sluice with control gated sluice.	Recommended.  Type - E  - All tank repairs and	High investment.	Micro



3	1	11	Kongollewa Kuda wewa (14)	5	6.10	1995	0.83	0.32	0.33	54	Provide a spill.	Not recommended.	No investment.	Micro
3	1	12	Palugollewa wewa (8)	35	26.70	1976	0.78	0.18	0.00	62	1. Clear up inflow canals from Damba Kanda and direct them towards the tank. 2. Arrest the leaks and fill up bund to make good scours and depressions. 3. Provide channel system.	Recommended.  Type - L  - All tank repairs and improvements. - Resource augmentation. - Capacity augmentation. - Management and institutional improvements. - Improve water use efficiency.	High investment.	Micro
3	1	13	Nuga wewa (11)	15	8.10		0.61	0.14	1.00	66	Breached tank. 1. restore bund. 2. Provide spill. 3. reduce step sluices with control gated sluice.	Recommended.  Type - K  - All tank repairs and improvements. - Resource augmentation. - Capacity augmentation. - Improve water use efficiency.	High investment.	Micro
3	1	14	Maha Meegaskada wewa (4)	65	34.40		0.56	0.26	0.76	82	1. divert Ulpath Ela into the tank. 2. Raise bund to proper level filling up scours and depressions. 3. Provide a spill on the RB. 4. Conneect up Maha and Kuda Meegaskada tanks by extending bund to Kuda Meegaskada RB end.	Recommended.  Type - K  - All tank repairs and improvements. - Resource augmentation. - Capacity augmentation. - Improve water use efficiency.	High investment.	Micro

3	1	15	Kuda Divulgaskada wewa (7)	0	0.00		0.00	0.00	0.00	20	This is not used as a tank. Hence construct a canal from Kuda Divulgaskada to Maha Divulgaskada wewa. No other improvements needed.	Recommended. The construction of the canal to direct water from this tank to Mahadivul only.	Low investment	Micro
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## Medawachchiya DS division - 3

### Cascade : Divul wewa (14)

Endowed cascade V/R50= 6.15 %

Div. No.	Cas. No.	Prio. order	Tank	No. of families	Command area (ha)	Previous year of rehabilitation	RO/IWD ratio	C/IWD ratio	Maha CI	PSS score	Farmer's proposal in priority order	Recommendations	Investment level	Category
3	14	1	Divul wewa (3)	0	16.19	1996 NIRP	1.42	1.15	1.00	0		Not recommended.	No investment.	Micro
3	14	2	Kalawelpothana wewa (4)	0	16.19	1995/1996 HC	1.27	0.39	0.50	0		Not recommended.	No investment.	Micro
3	14	3	Bellankadawala wewa (1)	40	14.16		1.16	0.29	0.38	58	<ol style="list-style-type: none"> <li>1. Raise, widen, strengthen and gravel bund.</li> <li>2. Replace the step sluice.</li> <li>3. Provide spill.</li> <li>4. Provide proper channel system.</li> <li>5. Desilt tank bed.</li> </ol>	<p>Recommended.</p> <p>Type - H</p> <ul style="list-style-type: none"> <li>- All tank repairs and improvements.</li> <li>- Capacity augmentation.</li> <li>- Management and institutional improvements.</li> <li>- Improve water use efficiency.</li> </ul>	Medium investment.	Micro
3	14	4	Kuda Bellankadawala (2)	40	6.07		1.11	0.20	0.26	58	<ol style="list-style-type: none"> <li>1. Raise, widen, strengthen and gravel bund.</li> <li>2. Replace the step sluice.</li> <li>3. Provide a spill.</li> <li>4. Provide proper channel system.</li> <li>5. Desilt tank bed.</li> </ol>	<p>Recommended.</p> <p>Type - H</p> <ul style="list-style-type: none"> <li>- All tank repairs and improvements.</li> <li>- Capacity augmentation.</li> </ul>	Medium investment.	Micro



## Medawachchiya DS division - 3

### Cascade : Parana Halmillewa (23)

Endowed cascade V/R50= 5.42 %

Div. No.	Cas. No.	Prio. order	Tank	No. of families	Command area (ha)	Previous year of rehabilitation	RO/IWD ratio	C/IWD ratio	Maha CI	PSS score	Farmer's proposal in priority order	Recommendations	Investment level	Category
3	23	1	Parana Halmillawa wewa (19)	90	40.50	1968	11.40	1.49	0.80	48	<ol style="list-style-type: none"> <li>1. Bund - raise to proper level.</li> <li>2. Sluice - Replace RB step sluice with control gate sluice.</li> <li>3. Spill - Arrest leak through LB.</li> <li>4. Provide proper channel system with an investigation.</li> </ol>	<p>Recommended.</p> <p>Type - E</p> <ul style="list-style-type: none"> <li>- All tank repairs and improvements.</li> <li>- Command area expansion.</li> <li>- Water diversion.</li> <li>- Improve water use efficiency.</li> </ul>	Medium investment.	Minor
3	23	2	Peddegama wewa (9)	42	32.40	1970	8.42	1.12	0.75	66	<ol style="list-style-type: none"> <li>1. Repair leak of gate of LB sluice. Provide D/S protection to both L/B sluices.</li> <li>2. Repair leak in the spill.</li> <li>3. Provide channel system.</li> <li>4. Minor repairs to bund to make good the scours.</li> </ol>	<p>Recommended.</p> <p>Type - E</p> <ul style="list-style-type: none"> <li>- All tank repairs and improvements.</li> <li>- Command area expansion.</li> <li>- Water diversion.</li> <li>- Improve water use efficiency.</li> </ul>	High investment.	Micro
3	23	3	Kudagama wewa (14)	3	3.60	1970	6.18	0.41	1.00	70	<ol style="list-style-type: none"> <li>1. Provide a spill.</li> <li>2. Replace step sluice with a control gated sluice</li> </ol>	Not recommended.	No investment.	Micro

3	23	4	Halikumbukgollewa wewa (8)	48	44.50	1986	5.81	1.13	0.64	38	1. Repair LB sluice at gate. 2. Construct spill tail channel to keep away spill water from the fields. 3. Provide necessary structures to channels and repair bunds.	Recommended.  Type - E  - All tank repairs and improvements. - Command area expansion. - Water diversion. - Improve water use efficiency.	Low investment.	Minor
3	23	5	Hinguruwa wewa (12)	6	4.90		5.36	0.18	1.00	66	1. Bund- raise and strengthen 2. Sluice- replace step sluice. with a control gated sluice. 3. Spill- Provide a spill on RB.	Recommended.  Type - G  - All tank repairs and improvements. - Capacity augmentation. - Command area expansion. - Water diversion. - Improve water use efficiency.	High investment.	Micro
3	23	6	Katikeliyawa wewa (6)	7	6.10	1995	4.23	0.95	0.20	52	Connect up Katukeliyawa with Ethakada wewa with a channel.	Not recommended.	No investment.	Micro
3	23	7	Tammannawa wewa (15)	40	31.20	1970	4.14	0.70	0.64	26	1. Raise spill to increase capacity. 2. Raise bund accordingly. 3. Repair damaged LB sluice gate.	Recommended.  Type - E  - All tank repairs and improvements. - Command area expansion. - Water diversion. - Improve water use efficiency.	Low investment.	Micro

3	23	8	Thalagaha wewa (4)	10	4.90		2.45	0.54	0.67	58	1. Bund-extend bund and key to high ground. 2. Replace step sluice with a control gated sluice. 3. Provide spill and construct spill tail channel to Kuda Pandiggama wewa.	Recommended.  Type - E  - All tank repairs and improvements. - Command area expansion. - Water diversion. - Improve water use efficiency.	Medium investment.	Micro
3	23	9	Ethakada wewa (5)	100	84.90	1987	2.17	1.12	0.57	58	1. Repair LB sluice DLS pipe line and outlet. 2. Fill up the depressions in the bund 3. Spill tail canal should be diverted to Katukeliyawa wewa	Recommended.  Type - F  - All tank repairs and improvements. - Management and institutional improvements. - Improve water use efficiency.	Medium investment.	Medium
3	23	10	Puhudiwula wewa (13)	5	6.10	1970	2.09	0.41	1.00	76	1. Fill the bund to proper level making good the scours and depressions. 2. Provide a spill. 3. Replace step sluice with a control gated sluice.	Recommended.  Type - E  - All tank repairs and improvements. - Command area expansion. - Water diversion. - Improve water use efficiency.	High investment.	Micro
3	23	11	Pendigame Kuda wewa (3)	22	24.30	1986	1.97	0.33	0.85	50	1. Repair LB sluice leak at gate. 2. Rectify error in sill levels in RB sluice. 3. Bund- minor repairs to	Recommended.  Type - E  - All tank repairs and	Medium investment.	Micro

											bund to make good the scours. 4. Provide channel system. 5. Provide....gates to spill with locking arrangement.	improvements. - Command area expansion. - Water diversion. - Improve water use efficiency.		
3	23	12	Galkandegama wewa (17)	60	18.20	1970	1.80	0.25	0.00	78	1. Bund - raise and strengthen. 2. Spill - provide spill. 3. sluice - replace LB sluice with control gated sluice.	Recommended.  Type - H  - All tank repairs and improvements. - Capacity augmentation. - Management and institutional improvements. - Improve water use efficiency.	High investment.	Micro
3	23	13	Nabadawila wewa (20)	30	14.20	1970	1.77	0.56	0.00	62	1. Divert Siyambala wewa water through a canal into Nabadawila. 2. Raise and strengthen bund. 3. Replace step sluices with control gated sluices. 4. Provide a spill.	Recommended.  Type - F  - All tank repairs and improvements. - Management and institutional improvements. - Improve water use efficiency.	High investment.	Micro
3	23	14	Pandigama Maha wewa (1)	65	28.30	1986	1.70	0.92	0.57	38	1. Sluice - Repair LB leak through pipes. Lower RB- Raise sill to proper level. 2. Spill - Raise spill crestraise capacity. 3. Bund - raise bund appropriately. Make good scours.	Recommended.  Type - F  - All tank repairs and improvements. - Management and institutional improvements.	Low investment.	Micro

												- Improve water use efficiency.		
3	23	15	Diwulgaskada wewa (11)	12	11.30		1.58	0.37	0.64	88	1. Bund - raise and strengthen. 2. Sluice - Provide sluice. 3. spill - Provide spill on the RB.	Recommended.  Type - E  - All tank repairs and improvements. - Command area expansion. - Water diversion. - Improve water use efficiency.	No investment.	Micro
3	23	16	Indigahe wewa (2)	12	6.10		1.44	0.57	0.80	82	1. Raise bund and strengthen. 2. replace step sluice with control gated sluice. 3. Provide a spill.	Recommended.  Type - E  - All tank repairs and improvements. - Command area expansion. - Water diversion. - Improve water use efficiency.	High investment.	Micro
3	23	17	Kuratiyawa wewa (7)	35	24.30	1995 JTF	1.07	0.44	0.00	44	repair RB channel system.	Not recommended.	No investment.	Micro
3	23	18	Etaweeragollewa wewa (10)	92	68.80	1981	1.04	1.08	0.00	56	1. bund - provide bathing steps, minor repairs to arrest leak and to make good the scours. 2. Repair RB sluice leak through pipes. 3. Provide channel system.	Recommended.  Type - F  - All tank repairs and improvements. - Management and institutional improvements. - Improve water use efficiency.	Medium investment.	Minor

3	23	19	Dik wewa (18)	20	8.50	1978	0.90	0.33	0.00	62	<p>1. Bund - fill to make good the scours and depressions.</p> <p>2. Provide a sluice .</p> <p>3. Provide a spill.</p>	<p>Recommended.</p> <p>Type - J</p> <ul style="list-style-type: none"> <li>- All tank repairs and improvements.</li> <li>- Resource augmentation.</li> <li>- Management and institutional improvements.</li> <li>- Improve water use efficiency.</li> </ul>	High investment.	Micro
3	23	20	Rambewa wewa (16)	80	60.30	1971	0.47	0.46	0.00	20	<p>1. Bund - minor repairs.</p> <p>2. spill - repair damages.</p>	<p>Recommended.</p> <p>Type - J</p> <ul style="list-style-type: none"> <li>- All tank repairs and improvements.</li> <li>- Resource augmentation.</li> <li>- Management and institutional improvements.</li> <li>- Improve water use efficiency.</li> </ul>	Low investment.	Minor



## Medawachchiya DS division - 3

### Cascade : Muruthamaduwa (10)

Not endowed cascade V/R50= 3.86 %

Div. No.	Cas. No.	Prio. order	Tank	No. of families	Command area (ha)	Previous year of rehabilitation	RO/IWD ratio	C/IWD ratio	Maha CI	PSS score	Farmer's proposal in priority order	Recommendations	Investment level	Category
3	10	1	Yak wewa (17)	140	24.30	1985	12.63	1.16	1.00	58	1. raise and strengthen bund. 2. repair leaks at the sluice gate. 3. Provide channel system.	Recommended.  Type - A.  - All tank repairs and improvements. - Improve water use efficiency.	Medium investment.	Micro
3	10	2	Maha Hapumalgotlewa wewa (13)	57	20.20	1992	7.75	0.40	0.90	44	1. Fill the bund to make good the depressions. 2. Rehabilitate the channel system.	Not recommended.	No investment.	Micro
3	10	3	Mahasiyabalagaskada wewa (6)	110	30.40	1985	7.39	0.15	0.53	58	1. Raise and strengthen bund. 2. Replace step sluice. 3. Arrest leak through the foundation and repair damages.	Recommended.  Type - B.  - All tank repairs and improvements. - Management and institutional improvements. - Improve water use efficiency.	Medium investment.	Micro
3	10	4	Muruthamaduwe	100	113.30	1957	4.69	1.38	1.00	30	1. Minor repairs to bund to	Recommended.	Low	Medium

			wewa (18)								make good the scours. 2. Raise spill crest lever to increase capacity.	Type - A.  - All tank repairs and improvements. - Improve water use efficiency.	investment.	
3	10	5	Kuda Hapumelgollewa wewa (12)	57	6.10	1987	4.34	0.31	0.66	86	1. Restore bund. 2. Provide a spill and a sluice	Recommended.  Type - A.  - All tank repairs and improvements. - Improve water use efficiency.	High investment.	Micro
3	10	6	Kudagama wewa (3)	110	4.90	1977	3.76	0.23	0.83	80	1. Raise bund to increase capacity. 2. Fill bund to make good the depressions and scours. 3. Provide spill and replace sluice.	Recommended.  Type - A.  - All tank repairs and improvements. - Improve water use efficiency.	High investment.	Micro
3	10	7	Wennangala wewa (15)	60	20.20		2.98	0.27	0.60	86	1. Raise bund to proper level and strengthen. 2. Provide a spill. 3. Replace RB & LB step sluices.	Recommended.  Type - A.  - All tank repairs and improvements. - Improve water use efficiency.	High investment.	Micro
3	10	8	Kuda Kongaskada wewa (11)	57	40.50	1987	2.95	0.54	0.25	38	1. Provide a new sluice at the center at the old sluice level. 2. Repair the washed section of the RB channel.	Recommended.  Type - B.	Low investment.	Minor



3	10	13	Periyakulame wewa (4)	110	93.10	1995	1.06	1.11	0.58	46	1. Lower the sluice sill. 2. Rehabilitate the channel system.	Not recommended.	No investment.	Medium
3	10	14	Galkandegama wewa (1)	110	22.30	1977	1.05	1.13	0.36	70	1. Divert Konwewa Heenna with anicut. 2. Fill bund to make good the depressions 3. Replace RB sluices. 4. Rehabilitate channel system	Recommended.  Type - B.  - All tank repairs and improvements. - Management and institutional improvements. - Improve water use efficiency.	High investment.	Micro
3	10	15	Kuda Kumbukollewa wewa (7)	54	35.20		1.01	0.40	0.34	50	1. Raise widen and strengthen the bund, as it is used as a link road. 2. Construct new spill change location. 3. Repair LB & RB sluices. 4. Spill level of culvert should be erected.	Recommended.  Type - B.  - All tank repairs and improvements. - Management and institutional improvements. - Improve water use efficiency.	Medium investment.	Micro
3	10	16	Kuda Palugollewa wewa (8)	50	16.20		0.76	0.16	0.25	64	1. Repair centre sluice, replace LB step sluice. 2. Raise and strengthen bund. 3. Excavate spill tail canal. 4. Rehabilitate channel system.	Recommended.  Type - D  - All tank repairs and improvements. - Provide dug wells. - Management and institutional improvements. - Improve water use efficiency.	High investment.	Micro