



# **ADMINISTRATION REPORT 2021**

**PREPARED BY**

**PROGRAMME MANAGEMENT BRANCH**

# 11 Regional Directors of Irrigation

## 11.1 Ampara Region

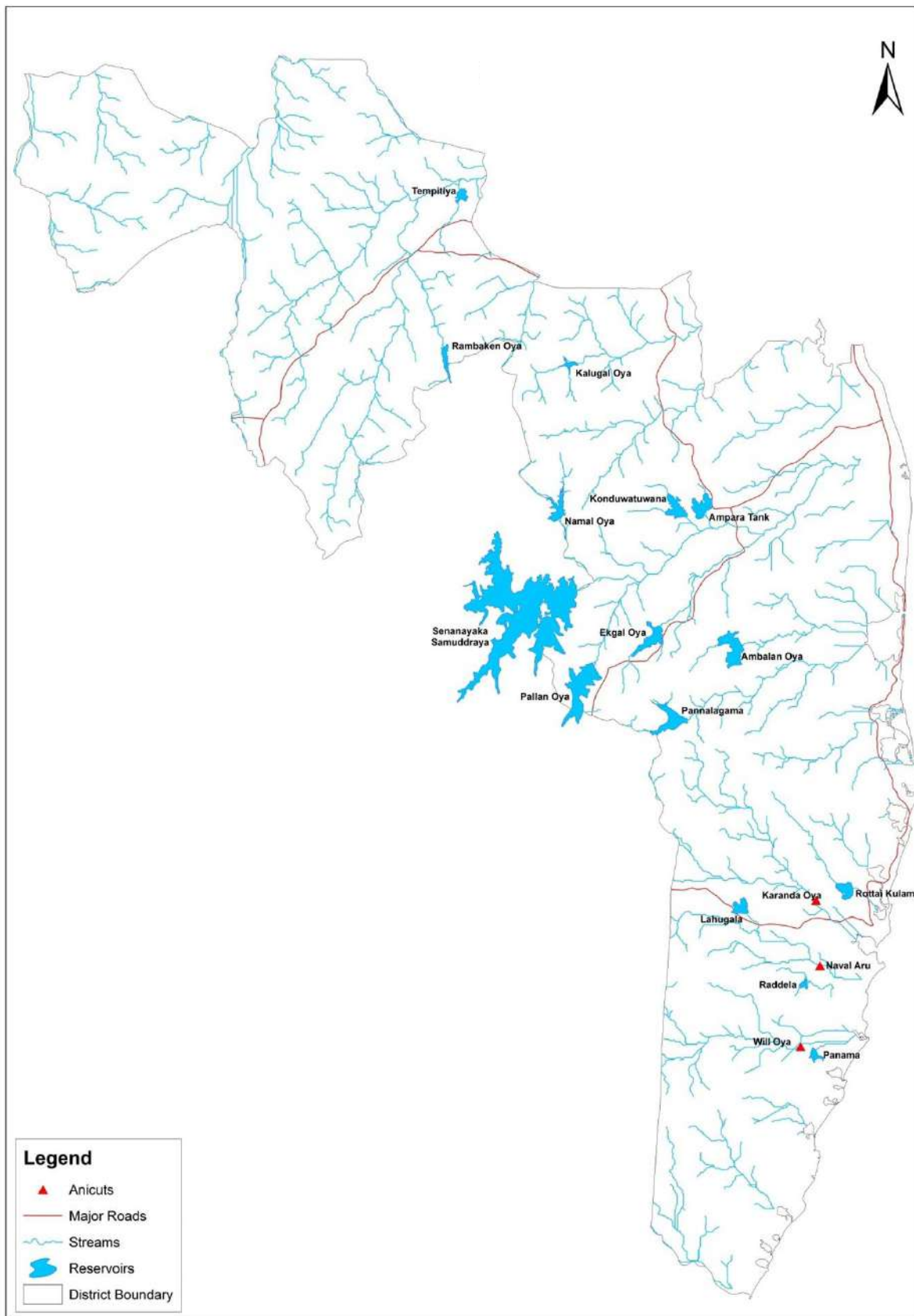


Figure 11-1: Scheme Map of Ampara Region

### 11.1.1 Introduction

Ampara region covers area of Ampara district and it consists of 06 Divisional Irrigation Engineer's Divisions. Senanayake samudraya is the largest reservoir in Sri Lanka having a capacity of 949.78 MCM (770,000 acft) with a command area of 48,646 ha. Total Irrigable extent under the region is 63,308 ha and maintaining 10 major tanks, 03 medium tanks and 03 anicut schemes. The command area of Senenayake Samudraya scheme covers by the 4 divisions.

Table 11-1: Scheme details Ampara Region under Senanayake Samudra

Division	LB canal (ha)	RB canal (ha)	River Division (ha)	Total (ha)
Ampara	14,297	4,200	-	18,497
Akkaraipattu	-	11,930	2,218	14,148
Kalmunai	-	-	6,179	6,179
Sammanthurai	3,827	-	5,995	9,822
<b>Total</b>	<b>18,124</b>	<b>16,130</b>	<b>14,392</b>	<b>48,646</b>

### 11.1.2 Divisions come under the Region

#### a. Ampara Division

There are 7 numbers of schemes under Divisional Irrigation Engineer's office Ampara. They are Senanayake Samudra, Namaloya, Pallanoya, Ekgaloya, Ambalanoya, Pannalgama, and the newly constructed Kalugaloya tank. Total Irrigable extent is 26,865 ha including 24,331 ha of paddy and 2,534 ha of sugarcane.

#### b. Akkaraipattu Division

Ilukkuchenai, Deegawapi, Akkaraipattu, and Veerayadi are the 4 units under Divisional Irrigation Engineer's office, Akkaraipattu. The three units are getting water from RBMC of Senanayaka Samudra and the Veerayadi unit depends on Galoya river Division. Ilukkuchenai unit and Deegavapi units have 05 retention tanks named Ilukkuchenai tank, Neethai tank, Karadikulam tank, Padarakulam, Irakkamankulam. All these tanks except Irakkamam tank do not receive any inflow other than the canal flow. There is permanent sugarcane cultivation under this unit and these units are highly sensitive to droughts.

#### c. Kalmunai Division

Divisional Irrigation Engineer's office, Kalmunai consists of 04 units under the river division. They are called Sengapadai LB unit, Sengapadai RB unit, Upper Kurunalkanji unit, Lower Kurunalkanji unit. There are 05 retention tanks KalladikKulam, ThalayadikKulam, UppukKulam, SinnakKulam and PeriyaKulam under Lower Kurunalkanji unit.

#### d. Sammanthurai Division

The total cultivated area under this division is 9,822 ha. There are six units (Block J, Paddampittya, Unit 26, Upper Weerayadi, Moravil I and Moravil II) under this division. Block J and Unit 26 receive water from Galoya LB and the other units are under the Galoya River division.

Table 11-2: Details of Irrigation Schemes under Senanayaka Samudraya

Table 2: Unit	Irrigable Extent (ha)		
	Paddy	Sugarcane	Total
<b>Ampara Division</b>			
Ampara	787	-	787
Uhana	2,744	-	2,744
Gonagolla	4,009	-	4,009
Veeragoda	2,802	-	2,802
Annamalai	3,955	-	3,955
Damana	2,275	1,926	4,201
<b>Total</b>	<b>16,572</b>	<b>1,926</b>	<b>18,498</b>
<b>Akkaraipattu Division</b>			
Akkaraipattu	3,151	170	3,321
Illukucheanai	3,966	754	4,720
Deegavapi	2,595	1,293	3,888
Veerayadi	2,219	-	2,219
<b>Total</b>	<b>11,931</b>	<b>2,217</b>	<b>14,148</b>
<b>Kalmunai Division</b>			
Upper kurunal Kanji	2,047	-	2,047
Lower kurunal kanji	813	-	813
Sengapadai RB	1,443	-	1,443
Sengapadai LB	1,876	-	1,876
<b>Total</b>	<b>6,179</b>	<b>-</b>	<b>6,179</b>
<b>Sammanthurai Division</b>			
Moravil-I	1,253	237	1,490
Moravil -II	1,898	-	1,898
Pattampitty& Upper Veerayadi	2,607	-	2,607
Block "J"	3,077	-	3,077
Unit 26	749	-	749
<b>Total</b>	<b>9,584</b>	<b>237</b>	<b>9,821</b>
<b>Grand Total</b>	<b>44,266</b>	<b>4,380</b>	<b>48,646</b>

#### e. Mahaoya Division

This Divisional Irrigation Engineer's office is doing operation and maintenance work of 2 Irrigation schemes, Rambukanoya and Tempitiya.

## f. Potuvil Division

There are seven irrigation schemes under Divisional Irrigation Engineer's office, Potuvil. The three anicut schemes, Navaluru, Karandoya and Willoya and four tanks Panama, Lahugala, Rottai Kulam, and Radelle tanks belong to this division.

### 11.1.3 Details of the Irrigation Schemes under the Region

Table 11-3: Details of Irrigation Schemes under the Region

Division	Schemes	Capacity At FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (HA)		Total water issue from the sluice (MCM)	
				Maha	Yala	Maha	Yala
	Senanayake Samudra	949.78	48,646	46,241	47,309	161.29	403.41
Ampara	Namaloya	52.73	1,497	1,497	1,497	19.52	7.28
	Ambalanoya	44.34	2,125	2,125	2,125	4.626	11.288
	Pallanoya	115.64	1,416	1,416	1,416	9.96	15.56
	Ekgaloya	28.99	1,012	1,012	1,012	9.59	8.421
	Pannalgama	34.04	1,862	1,862	1,862	4.064	8.531
	Kalugaloya	10.09	455	324	291	4.5	9.4
Potuvil	Radella	2.49	517	517	182	2.57	2.46
	Rottai	6.29	578	593	578	10.72	8.66
	Lahugala	3.29	355	361	342	4.16	3.2
	Panama	3.56	210	103	224	4.48	4.74
	Will oya	Anicut schemes	221	221	-	4.48	No cultivation for Yala
	Karandoya		1,643	1,643	-	10.72	
	Naval aru		1,692	1,692	-	10.72	
Maha oya	Rambukanoya	56.12	909	909	909	16.5	20.09
	Tempitiya	2.43	170	142	170	0.7	1.8
	<b>Total</b>		<b>63,308</b>	<b>60,658</b>	<b>57,917</b>		

### 11.1.4 Major Works completed during the year

#### a. Rambukkanoya Reservoir Project

Rambukkanoya reservoir was constructed and opened in 2013 and all the other work is completed in 2021.

#### b. Wari Saubaghya Programme

The purpose of the project is to rehabilitate tank bunds, canal bunds, canal structures, Irrigation roads and to improve the Irrigation system. The estimates were approved for the rehabilitation of 33 numbers of tanks and 16 number of anicuts for the year 2021. The list of tanks and anicuts are indicated below.

Table 11-4: List of tanks in Ampara Region

No.	Irrigation Engineers	Name of the Tank	Approved Estimate	Expenditure (Rs, 000')	Physical Progress
1	Ampara	Bodagolla Tank	9,350	9,235	100
2		3B Polwatta Tank	3,200	2,515	95
3		Samurdhi Tank (Nawahampura Govijanasewa Tank)	4,910	4,766	100
4		Pollawatta Ipil Tank	1,370	768	100
5		Rehabilitation of 4B Polwaththa	303	297	100
6		Athinikada tank	8,625	5,385	100
7		Rajawewa tank	475	310	100
8		Walketiya tank at Pannalgama	11,850	3,937	55
9	Mahaoya	Bakinigahakandiya Tank	5,740	2,291	100
10		Padawala tank in Padiyathalawa	3,050	916	100
11		Bedirekka Maha Tank	9,735	2,375	40
12		Kudasiyabalagaskandiya Tank	3,100	1,576	100
13		Nuwaragalathanna Tank	5,880	2,249	90
14		Perawelthalawa Tank	4,150	3,171	100
15		Havarinugalakalawa tank	2,850	1,302	100
16	Kalmunai	Uppukulam in Lower Kurunalkanji	5,440	3,702	93
17		Thalayadi kulam in Lower Kurunalkanji unit	4,815	4,065	92
18		Pandiruppu Sinnakulam in Lower Kurunalkanji Unit	7,745	4,354	90
19		Pandiruppu Periyakulam in Lower Kurunalkanji unit	3,911	479	50
20		Kalladikulam at stn 0+000 to 0+632 in Lower kurunalkanji unit	4,110	1,901	82
21		Vaddikulam in lower kurunalkanji	4,792	761	60
22		Pothukulam in Lower kurunalkanji	15,544	393	60
23		Karacha kulam in lower	1,830	407	65
24		Alavankulam in Lower kurunalkanji	6,226	254	40
25		Chenakudiyiruppu periyakulam from stn 0+002 to 0+250 in lowerkurunal kanji unit	3,235	1,526	75
26		Chenakudiyiruppu Sinnakulam in lowerkurunal kanji unit	4,725	2,522	90
27	Construction of protection bund to pulpitty and kurunjapitty paddy land in Maddupallama North kandam in Sengapadai RB unit	19,980	-	15	
28	Akkaraipattu	Casim Tank	1,590	1,498	100
29		Aandipitty tank	13,350	1,219	21
30	Pottuvil	Namalpokuna Tank in Panama	13,270	7,639	90
31		Galhewa tank in lahugala Ds	7,730	1,907	60
32		Palugas Eruma scheame	6,280	-	5
33	Sammanthurai	kaikatti tank in Block J unit	2,760	2,302	100

Table 11-5: List of Anicuts

No.	Irrigation Engineers Division	Name of the Tank	Approved Estimate (Rs. '000)	Expenditure (Rs. '000)	Physical Progress %
1	Ampara	Kahatagasyaya Panagolla Anicut in DabeEla Drainage canal	5,125	4,885	100
2		Madapallama Ihala Amuna 6Bay regulator at stn 0+200 in Madapallama Drainage canal	8,171	6,175	93
3		Govganaseva anicut in Nawagampura	3,335	2,582	100
4		Kahadagasiyaya anicut	6,050	2,490	100
5		Govigana sewa amuna 2	2,250	1,584	100
6		Tough cum lining structure at stn 0+100 in LB main channel in Karangawa tank	6,000	4,407	100
7		4B polwatta aicut in Namalthadawa	3,825	1,546	100
8		Anicut in Bodogolla Drainage canal in LB 7	21,200	5,800	37
9		Madapallama Pahala Amuna Anicut in Madapallama Drainage canal	11,070	5,530	83
10	Sammanthurai	Kaithayadi 04 bay regulator cum burdge structure near Weerayadi river at stn 3+600 in Upperweerayadi Unit	6,215	5,710	100
11		palliyadi & pandikaththi bridge com regulator in cenavaddai main canal in padaampitty unit	3,480	3,123	100
12		Basin structure in D/S of Keeriyantakaddu regulator at stn 2+150 to 2+160 in Moravil unit II	1,520	1,418	100
13	Akkaraipattu	Aaraichi Awliyada Pitty regulator	1,800	1,163	100
14		RB 36 B turnout structure in R/B Main canal	960	682	100
15		Anaivilunthan Anicut	5,000	3,690	100
16	Pottuvil	Selvaveli Anicut	20,418	11,119	90



Figure 11-2: Improvements to Aaraichi Awliyada Regulator in Akkaraipattu



Figure 11-3: Improvements to Aaraichi Awliyada Regulator in Akkaraipattu



Figure 11-4: Improvements to Namal pukkuna Tank in Panama Scheme -Pottuvil Division



Figure 11-5: Rehabilitation of Nuwaragalathenna Tank -Mahaoya Division

### 11.1.5 Divisional wise Allocation Distribution

Table 11-6: Divisional wise Allocation Distribution

Vote No / Description	Allocation (Rs.) '000						
	Ampara	Akkaraipattu	Kalmunai	Mahaoya	Pottuvil	Sammanthurai	Total
Departmental Votes							
O & M Gravity Works 282-2-2-1-2001-11-2	33,025	11,458	5,413	5,481	6,307	9,306	70,991
Management Supporting Facilities for O&M 282-2-2-0-2001-11-12	150	116	100	84	100	100	650
Flood Damage Repairs & other repairs due to natural disasters 282-2-2-0-2001-11-9	2,226	6,532	2,984	-	1,486	4,164	17,392
Essential Rehabilitation of select Major Medium Irrigation Scheme 282-2-2-4-2001-11	14,126	14,626	14,421	1,246	35,870	14,496	94,785
Maintenance & improvements to Building 282-2-2-0-2001-11-1	2,581	-	1,099	-	-	200	3,880
Improvements to Head works of tank for additional safety 282-2-2-0-2001-11-10	600	-	-	-	-	-	600
Additions and improvements to existing irrigation works 282-2-2-1-2001-11-4	-	24	-	-	523	-	547
Maintenance of Departmental Roads in Irrigation Schemes 282-2-2-0-2001-11-5	1,300	-	1,738	187	-	-	3,224
O & M Gravity Irrigation Works (wages) 282-2-2-0-2001-11-2	450	300	100	100	150	100	1,200
Improvements to Feeder Canals 282-2-2-0-2001-11-19	500	-	-	-	-	-	500
Community Awareness 282-2-2-5-2105-11-5	500	-	-	-	-	-	500

Recovery of Possession and Safeguarding of Departmental Lands and Reservations 282-2-2-0-2001-11-11	-	-	-	-	-	1,030	1,030
Construction of New Quarters & Office Buildings 282-2-2-0-2104-11-10	-	-	-	-	-	150	150
Improvements to Major Irrigation Works 282-2-2-1-2001-11-3	-	1,341	-	-	-	-	1,341
Establishment and Improvement to Unit Office 282-2-2-1-2001-11-1	-	-	-	-	8,000	-	8,000
Improvements to spill Tail canal & drainage system in Irrigation Schemes 282-2-2-0-2001-11-16	-	-	2,261	-	-	-	2,261
FOD & Farm productivity & profitability 282-2-2-0-2001-11-8	154	42	55	15	38	42	346
Welfare Facilities 282-2-2-0-2503-11- 4	75	50	60	60	55	50	350
O & M Drainage & Flood Protection Works 282-2-2-0-2001-11-4	2,310	-	412	-	-	-	2,722
Balance work of construction of Kalmunai DIE's Office 282-2-2-0-2104-11-8	-	-	13,600	-	-	-	13,600
Remedial Measures to safeguard crops during emergency situation 282-2-2-0-2001-13	2,200	-	-	-	-	-	2,200
Balance work of construction of bachelor's quarters for EA (Ladies) pottuvil DIE Office 282-2-2-0-2104-11-1	-	-	-	-	2,500	-	2,500
Balance work of construction of bachelor's quarters for EA (Gents) pottuvil DIE Office 282-2-2-0-2104-2	-	-	-	-	2,500	-	2,500
Feasibility studies for major medium irrigation project & survey/soil/geo technical investigation 282-2-2-0-2507-11-8-1	5,130	-	-	-	1,553	-	6,683
Maintenance of Department circuit Bungalows 282-2-2-0-2001-11-15	666	-	-	-	2,000	-	2,666

Mundeni Aru River Basin Development Project 282-2-3-19-2105-11	-	-	-	32,201	-	-	32,201
Embankment protection 282-2-2-5-2105-11-6	10,426	-	4,000	-	-	-	14,426
Rambukkanoya Project 282-2-3-3-2105-11	-	-	-	2,487	-	-	2,487
Kalugaloya Project 282-2-3-16-2105-11	32,744	-	-	-	-	-	32,744
Rural tank Development Project under Wari Saubhagya 282-2-4-51-2506-11	22,250	3,003	6,803	5,510	3,437	2,354	43,356
<b>Total</b>	<b>131,412</b>	<b>37,492</b>	<b>53,046</b>	<b>47,370</b>	<b>64,518</b>	<b>31,992</b>	<b>365,830</b>
Ministry and Other Votes							
PEISEIP 198-2-3-21-2506	9,891	-	-	6,653	19,571	-	36,115
Rehabilitation of Major, Medium Irrigation Scheme 198-2-3-8-2506	-	903	-	-	1,777	-	2,680
Clearing drainage canal system 198-2-3-08-2506-11	800	500	-	-	-	200	1,500
Gamasamaga pilisadara 198-2-3-46-2506-II	-	-	-	64,460	-	-	64,460
Wari Soubhagya National programme for rehabilitation of rural tanks& Anicut 429-2-3-002-2506	39,865	5,248	13,561	8,370	17,229	10,198	94,472
Wari Soubhagya National programme for rehabilitation of rural tanks& Anicut 428-2-3-002-2506	96	-	-	-	-	-	96
<b>Total</b>	<b>50,652</b>	<b>6,651</b>	<b>13,561</b>	<b>79,483</b>	<b>38,576</b>	<b>10,398</b>	<b>199,322</b>

## 11.1.6 Projects Implemented under Other Source of Funds

### a. Additional finance under CRIP

The work was completed under 15 numbers of packages in Ampara region earlier. However additionally 45 packages were selected under additional finance. The improvements of anicuts, canal systems and river widening are mainly focused on selection. In addition to those, additional 91 packages of 'Improvement to Department Roads' were also attended under this project.

Table 11-7: Additional Financing under CRIP

Division	Allocation (Rs '000)	Expenditure (Rs. '000)	Physical Progress
Ampara	189,240.98	189,240.98	100%
Akkaraipattu	63,835.82	63,835.82	100%
Sammanthurai	44,763.84	44,763.84	100%
Kalmunai	64,432.49	64,432.49	100%
Pottuvil	25,356.68	25,356.68	100%
Mahaoya	9,393.26	9,393.26	100%



Figure 11-6: Improvements to farm road from Puthuweli channel to Vammiyadi Junction in Walalavai West Kandam in Veerayadi Unit-Akkaraipattu Division



Figure 11-7: Improvements to Kiramakkuddy Road stn. From 0+000 to 2+000 in Block 'J' Scheme, Sammanthurai Division



Figure 11-8: Keloya Anicut-Gonagolla unit, Ampara Division



Figure 11-9: Pallanoya Scheme, Ampara Division

**b. Productivity Enhancement and Irrigation System Efficiency Improvement Project (PEISEIP)**

There are 3 schemes Namal oya, Pallan oya and Pannalgama from Ampara, Tampitiya from Maha oya and Radella from Pothuvil have been selected for implementation of this project from this region. Irrigation canal system improvement works and rehabilitation of small scale irrigation structures are included for the year 2021 and the allocation was distribution among the divisions is as follows.

Table 11-8: Progress of works under PEISEIP

Division	Allocation (Rs '000)	Expenditure (Rs '000)	Physical Progress
Ampara	9,891.29	9,831.28	100%
Mahaoya	6,652.71	1,725.76	60%
Pothuvil	19,570.65	19,569.43	100%



Figure 11-10: Main canal-Tempittiya scheme



Figure 11-11: Improvement to LB cannel at Stn 0+870 to 0+960, Radella scheme



Figure 11-12: AL-10 Canal, Ambalan oya scheme



Figure 11-13: NL-04 Canal, Namaloy scheme

### 11.1.7 'WapHaula' Programme

Table 11-9: WapHaula Programme

Nature of the Activity	Division						
		Ampara	Akkaraipattu	Kalmunai	Sammanthurai	Pottuvil	Mahaoya
Number of Schemes		06	01	02	03	07	01
1.Cutivation meetings							
1.1 Pre cultivation meeting		11	02	02	06	11	02
1.2 Cultivation meeting		11	02	02	02	08	02
2.Organization Activities							
2.1 Conducting FO Election			03	01	02	04	
2.2 Conducting FO Annual General meetings			01		03	04	
2.3 Conducting PMC meetings		21	-		04	02	
2.4 Preparation of FO Final Accounts		05	12			01	
3. Capacity building							
3.1 Financial Management		02					
3.2 Income Management etc.		02					
4. Participatory Management							
4.1 Shamadana for clearing canal bunds		10	04		02		
4.2 Maintenance of Farm Roads		06	04			02	
4.3 Maintenance of drainage canals		07	02		06		
5.Awarness programme		05					
5.1 Home gardening		01				03	
5.2 OFC Cultivation		07		01		02	
6.Other Activities							
6.1 Deva Puja, Pirith etc.		11				03	
6.2 Surakimu ganaga			01				

### 11.1.8 Drinking water Extraction

Table 11-10: Drinking water extraction

Water supply Scheme	Reservoir	Extract Amount	
		m <sup>3</sup> per Day	Annual MCM
Bangalawadi T/P	Weeragoda	9,000	3.24
Konduwattuwan T/P	Konduwattuwana	80,000	28.26
Himidurawa T/P	Himidurawa	27,000	9.72
Wadinagala WSS	Jayanthiwewa	1,000	0.36
Mahaoya T/P	Rambakanoya	6,000	2.16

### 11.1.9 Staff Position

Table 11-11: Staff Position of the Region as at 2021.12.31

Designation	Director of Irrigation Office		Divisional Irrigation Engineer's office											
			Ampara		Kalmunai		Sammanthura		Akkarapattu		Pottuvil		Mahaoya	
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1												
Chief Engineer	1	1												
Irrigation Engineer	3	4	2	1	1	1	1	1	1	1	1	1	1	1
Earth Resources Engineer		1												
Drawing Officer Assistant	1	1												
Accountant	1	1												
Administrative Officer	1	1												
Development officer	2	2	10	4	4	8	2	8	4	3	3	3	2	1
Divisional Assistant			1	1	1	1	1	1	1	1	1	1	1	1
Engineer Assistant			15	17	9	6	9	7	9	6	9	8	6	3
IDO	2													
Draughtsman	4	4	3	2	3	1	3	1	2	1	3	1	2	1
Management Service Officer	15	15	7	6	7	5	7	4	7	6	7	6	7	2
Storekeeper			1	1	1	1	1	1	1	1	1	1	1	1
Technical Assistant			12	15	10	11	10	9	12	10	10	6	6	7
Driver	3	2	4	1	3	1	3	1	3	1	3	-	2	2
Operator	10			1										
Tractor Operator	10			1				4				2		1

Labourer (maintenance)		3		37		5		7		10		11		3
Laborer (25-2014)		2		20		10		15		16		4		13
O & M Labourer			40	2	30		30	2	30	2	30	2	22	
Mason	2			2										
Carpenter	2			2								1		
Plan Printing /Helper	1	1												
Greaser	4													
Lorry Cleaner /Helper	8													
K.K.S.	1	2	1		1		1	1	1		1	1	1	1
Field Watcher	1		1	1	1		1		1		1		1	
Store Aide (Stores Labourer)		1	1	1	1		1		1		1		1	
Irrigator						1		1						



## 11.2 Anuradhapura Region

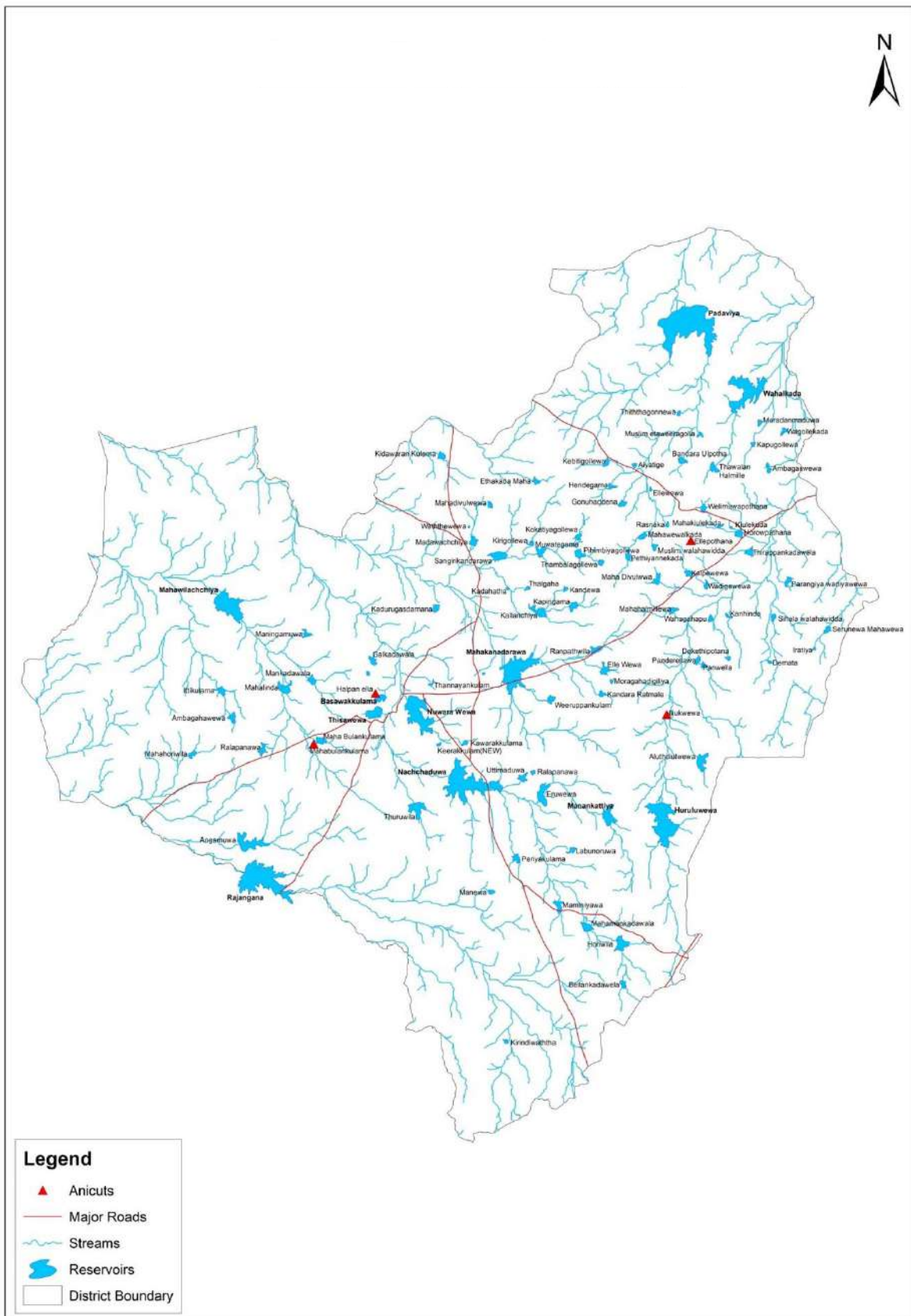


Figure 11-14: Scheme Map of Anuradhapura Region

## 11.2.1 Introduction

Anuradhapura Region is one of the largest Regions consisting of 13 Major Irrigation schemes and 87 Medium Irrigation schemes in the dry zone of Sri Lanka. Altogether there are 100 Major, Medium, and anicut Irrigation schemes shown in the table below under the purview of Director of Irrigation Anuradhapura.

## 11.2.2 Divisions come under the Region

Following divisions come under the Anuradhapura Region.

- Anuradhapura
- Huruluwewa
- Padaviya
- Rajanganaya
- Nachchaduwa
- Rambewa Mechanical Workshop
- Yan Oya Reservoir Project – RE’s Office

## 11.2.3 Details of Irrigation Schemes under the Region

Table 11-12: Details of Irrigation schemes under the Region

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the Sluice (MCM)	
				Maha	Yala	Maha	Yala
Anuradhapura	Thissawewa	4.32	365	365	365	2.7	4.25
	Nuwarawewa	44.5	1,052	1,052	1,052	7.55	22.44
	Mahawilachchiya	40.1	1,078	1,078	1,255	25.6	32.65
	Mahakanadarawa	44.7	2,469	NO	NO	-	28.3
	Basawakkulama	2.1	156	156	156	1.8	3.18
	Keerikkulama	0.53	112	45	112		
	Kawarakkulama	1.1	85	61	85		
	Thannayankulama	0.62	81	130	83		
	Periyakulama	1.7	101	24	125		
	Mahalindawewa	1.6	251	184	184		
	Kendewa	0.86	94	20	34		
	Maningamuwa	1.1	85	75	85		
	Uttimaduwa	1.6	142	142	142		
	Thambalagollewa	0.57	81	28	85		
	Pihimbiyagollewa	1.2	102	45	67		
	Kapiriggama	2.2	146	59	146		
	Kadurugasdamana	0.86	107	87	87		
	Mahabulankulama	Anicut	103	102	102		
	Mahabulankulama Wewa	1.6	130	86	86		
Kokatiyagollewa	1.2	95	17	95			
Maminiyawa	1.8	188	89	202			

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the Sluice (MCM)	
				Maha	Yala	Maha	Yala
Anuradhapura	Kadahathawewa	1.5	170	251	170		
	Thalgahawewa	0.5	81	15	121		
	Mankadawala	1.4	105	105	105		
	Mahamankadawala (Ela)	2.5	253	253	253		
	Mahamankadawala (keki.)	1.7	195	156	202		
	Weruppankulama	1.0	130	12	NO		
	Labunoruwa	3.2	258	81	194		
	Kallanchiya	2.4	243	251	229		
	Eruwewa & Feeder Canal	4.7	85	61	85		
	Galkadawala Wewa	0.83	142	142	142		
	Karambewa Yoda ela		142	142	142		
	Halpanela	Anicut	253	253	259		
Huruluwewa	Huruluwewa	67.84	4,209	NO	4,143	29.82	45.10
	Mannankattiya	6.02	425	425	425		
	Aluthdiulwewa	8.6	115	125	129		
	Kiulekada	10.4	325	324	344		
	Ranpathwila	2.6	108	127	127		
	Kanadara Rathmale	1.2	153	97	97		
	Mahahalmillewa	0.59	154	NO	106		
	Ellewewa	3.0	103	148	148		
	Moragahadigiliya	Anicut	113	113	113		
	Rasnakawewa	0.38	91	34	91		
	Sinhala Walahawiddawewa	0.71	168	27	107		
	Welimuwapothana	1.2	113	109	109		
	Wagollakada	2.0	146	99	99		
	Wahagahapuwewa	0.55	81	57	8		
	Mahakiulekada	0.4	81	324	130		
	Maradanmaduwa	1.3	89	53	100		
	Thawalanhalmillewa	1.6	101	40	89		
	Kudapattiya Diulwewa	3.3	214	214	214		
	Pethiyannekada	0.83	88	32	88		
	Mahawewalkadawewa	1.6	101	22	107		
	Panwella	1.5	52	24	67		
	Kalpewewa	2.2	91	69	113		
	Kapugollewa	1.5	121	126	126		
	Pandarallewa	1.1	104	28	108		
	Horiwila	4.71	287	342	342		
	Bellankadawalawewa	0.65	85	NO	87		
Parangiyawadiya	1.9	293					
Serunewa Mahawewa	2.16	17	15	15			

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the Sluice (MCM)	
				Maha	Yala	Maha	Yala
Huruluwewa	Muslim Walahawiddawewa	0.4	89	3	215		
	Kanhindawewa	0.46	194	40	196		
	Tirappankadawala	1.5	89	61	120		
	Wadigawewa	0.5	142	101	193		
	Dematawewa	0.4	45	15	65		
	Dekathipotha	1.1	146	34	172		
	Horowpothana	0.76	194	49	141		
	Ambagaswewa	0.6	89	57	89		
Ralapanawa	0.72	175	49	175			
Padaviya	Padaviya	104.84	3,521	3,521	5,585	27.4	57.6
	Wahalkada wewa	53.04	809	809	809	1.89	10.42
	Yan Oya	169	4,501				
	Muwaetagama	1.0	104	104	104		
	Kidawarankulama	1.4	151	61	152		
	Sangilikanadarawa	3.9	340	81	263		
	Gonuhathdena wewa	1.0	103	84	103		
	Mahadiulwewa	0.74	113	32	113		
	Kirigollewa	0.68	108	61	108		
	Ellewewa Anicut	Anicut	162	39	162		
	Bandaraulpotha	1.2	162	14	162		
	Handegama	1.0	136	24	136		
	Waththewewa	0.76	84	20	84		
	Aiyathigewewa	0.56	92	21	92		
	Ethakada Wewa	2.5	105	91	91		
	Medawachchiya	1.5	81	32	95		
	Kebithigollewa	1.2	101	30	101		
	Marakkala Etaweera Wewa	0.79	87	41	87		
Thittagonewa	1.9	81	32	81			
Rajangana	Rajangana	100.65	7,487	NO	5,081	104.03	98.87
	Abagahawewa	0.37	91	NO	91		
	Kiridiwatta	0.57	219	NO	219		
	Ralapanawa	0.56	89	NO	89		
	Manewa	1.4	91	NO	91		
	Maha Horuwila	0.56	92	NO	80		
	Ittikulama	0.52	97	NO	89		
Nachchaduwa	Nachchaduwa	55.69	2,833	NO	2,631	18.18	30.38
	Thuruwila & Nachchaduwa F'canal	10.1	551				

### 11.2.4 Divisional Wise Allocation Distribution

Table 11-13: Divisional Wise Allocation Distribution

Vote No. / Description	Allocation (Rs.) '000							Total
	Anuradhapura	Padaviya	Huruluwewa	Rajanganaya	Nachchaduwa	Mechanical workshop - Rambewa	DI-Office	
Departmental Votes								
Maintenance & Improvement to Building 282-2-2-0-2001-1	2,399	-	2,004	1,250	-	435	-	6,089
O & M of Gravity Irrigation Works (Wages) 282-2-2-0-2001-2	150	150	150	150	150	267	320	1,337
Lift & Micro Irrigation Project 282-2-2-0-2001-3	-	-	-	494	-	-	-	494
O & M of Drainage and Flood Protection 282-2-2-0-2001-4	-	296	-	-	-	-	-	296
Maintenance of Departmental Roads 282-2-2-0-2001-5	2,166	-	889	710	-	-	-	3,775
Farmer Organization Development and Farm Productivity & Profitability 282-2-2-0-2001-8	24	-	82	90	15	-	1,369	1,580
Flood Damage Repairs 282-2-2-0-2001-9	10,320	2,345	4,282	516	890	-	-	18,353
Improvements to Head Works of Tanks for Additional Safety 282-2-2-0-2001-10	5,000	-	-	-	500	-	-	5,500
Recovery of Possession and Safeguarding of Department Lands and Reservations 282-2-2-0-2001-11	-	-	-	-	-	-	150	150

Management Support Facilities 282-2-2-0-2001-12	100	130	130	100	139	200	576	1,375
Remedial measure to safeguard crops during emergency situation 282-2-2-0-2001-13	-	-	-	-	-	450	-	450
Protection of upper catchment & watershed 282-2-2-0-2001-14	-	3,000	-	-	-	-	-	3,000
Maintenance of Department circuits bungalows 282-2-2-0-2001-15	513	400	1,798	400	549	-	-	3,661
Improvements to spill tail canal drainage system in irrigation scheme 282-2-2-0-2001-16	-	-	1,000	-	-	-	-	1,000
Improvements to Mechanical Workshop 282-2-2-0-2001-17	500	-	-	-	-	250	-	750
Improvements to Feeder canal 282-2-2-0-2001-19	-	-	491	-	-	-	-	491
Maintenance and Improvements to model farm Technical Investigation 282-2-2-0-2001-20	-	-	-	-	204	-	-	204
Repairs to plant Machinery Equipment 282-2-2-0-2002-1	-	-	-	-	-	19,043	1,075	20,118
Repairs to Vehicle 282-2-2-0-2003	-	-	-	-	-	5,184	-	5,184
Purchase of Equipment for Mechanical Workshop 282-2-2-0-2103-06	-	-	-	-	-	775	-	775
Purchase of O & M Machinery & Field Equipment 282-2-2-0-2103-5	-	-	-	-	-	-	1,750	1,750
Welfare Facilities 282-2-2-0-2503-4	30	20	30	20	20	25	355	500
Feasibility Studies for Major, Medium Irrigation Projects and Surveys/Soil/Geo Technical Investigation 282-2-2-0-2507-8-1	-	-	200	600	-	-	1,000	1,800

Surveying & Investigation of Existing Schemes 282-2-2-1-2507-8-3	226	-	261	-	-	-	-	487
Land use studies 282-2-2-0-2507-9-2	240	-	-	-	-	-	55	295
Calibration and Water management Studies 282-2-2-0-2507-9-5	-	-	484	-	-	-	-	484
Research support & process improvements 282-2-2-0-2507-9-8	-	-	-	-	-	6	-	6
Establishment & Improvement of Unit Office 282-2-2-1-2001-1	500	1,000	1,954	-	1,000	-	-	4,454
O & M Gravity Irrigation Works 282-2-2-1-2001-2	15,652	14,169	15,889	10,024	4,980	209	3,664	64,588
Additional & Improvements to Existing Irrigation works 282-2-2-1-2001-4	274	4,487	1,728	1,500	2	-	-	7,991
Improvements to Major Irrigation Works 282-2-2-1-2001-3	3,990	-	-	-	404	-	-	4,394
Essential Rehabilitation of Major Medium Irrigation Scheme (ERMMIS) 282-2-2-4-2001	9,985	8,162	16,468	26,570	6,393	-	-	67,577
Establishing River Profile in Major Rivers 282-2-2-5-2105-2	-	892	-	-	-	-	-	892
Community Awareness 282-2-2-5-2105-5	65	-	-	-	-	-	328	393
Embankment Protection 282-2-2-5-2105-6	24,647	-	196	13,000	-	-	-	37,842
"Wari Saubhagya" National Programme for Rehabilitation of Rural Tanks and Anicuts 282-2-2-4-51-2506	33,000	4,000	9,000	1,000	-	-	-	47,000
River Basin Management 282-2-2-5-2105-9	4,365	-	2,090	11,300	227	-	-	17,982
Yan Oya Reservoir Project 282-2-3-5-2105	-	10,000	-	-	-	4,255	894,051	908,306

Kudavilachchiya Project 282-2-3-30-2506	33,155	-	-	-	-	10,250	6,200	79,605
<b>Total</b>	<b>147,301</b>	<b>49,051</b>	<b>49,126</b>	<b>67,724</b>	<b>15,473</b>	<b>41,349</b>	<b>910,893</b>	<b>1,320,928</b>
Ministry & Other Votes								
Rehabilitation of Major, Medium Irrigation Schemes including emergency infrastructure rehabilitation works- Infrastructure 198-2-3-8-2506	2,124	2,461	20,063	22,212	11,352	1,880	-	60,092
Land Consolidations pilot Project 198-2-3-9-2507	-	-	-	-	20,000	-	-	20,000
Rehabilitation of Irrigation system in Padaviya & Wahalkada scheme 198-2-3-46-2506	-	99,000	-	-	-	-	-	99,000
PEISEIP 198-2-3-21-2506	15,005	3,390	13,943	-	-	1,962	8,460	42,760
Water for all Programme 166-2-5-97-2201	83,167	-	-	10,000	-	-	-	93,167
"Wari Saubhagya" National Programme for Rehabilitation of Rural Tanks and Anicuts 428-2-3-8-2506	83,800	15,705	47,261	5,530	-	500	-	152,796
"Wari Saubhagya" National Programme for Rehabilitation of Rural Tanks and Anicuts 429-2-3-1-2506	83,729	20,680	34,942	21,632	10,996	750	-	172,729
<b>Total</b>	<b>267,825</b>	<b>141,236</b>	<b>116,209</b>	<b>59,374</b>	<b>42,348</b>	<b>5,092</b>	<b>8,460</b>	<b>640,544</b>

## 11.2.5 Projects implemented under other source of Funds

### a. Increasing water use efficiency in Mahakanadarawa scheme.

The amount of Rs.380.0 million was allocated for the improvements of Mahakanadarawa scheme parallel to the Anuradhapura North Water Supply Project implemented by National Water Supply and Drainage Board. Completion of proposed Mahakanadarawa feeder canal from Eru wewa and distributary canal lining in Mahakanadarawa scheme are proposed to carry out under this project to increase the water availability for drinking water extraction. The funds are provided through NWS&DB.



Figure 11-15: Excavation of Feeder Canal



Figure 11-16: Limned canals under the project

### b. Gama Samaga Pilisandarak

Rehabilitation of Padaviya and Wahalkada schemes were starts after the Honorable president programme “Gama samaga pilisadarak” held at Kebithigollewa. These two schemes had not been undergone adequate rehabilitation and modernizations during past years. Therefore, the programme was set to rehabilitate canals and road network within the system and modernized operations.



Figure 11-17: D11 UMC road after construction



Figure 11-18: Removing aquatic plants in Galkulama tank

### c. Additional Finance under CRIP

Followings are the list of work awarded under this project. Renovation works for three Hydrological Stations (Yakawewa, Horowpothana & Thanthirimale) were completed.

Table 11-14: Additional Finance under CRIP

Division	Scheme	Allocation for 2021 Rs. '000	Cum. Expenditure Rs. '000	Physical Progress %
Padaviya	CRIP AF/WORKS/ID-ANU/NCB/19	1,911,151.05	1,911,151.05	100
	CRIP AF/WORKS/ID-ANU/NCB/20	2,749,376.07	2,749,376.07	100
	CRIP/WORKS/ID-DPD/S/387	4,254,276.04	4,254,276.04	100
Rajanganaya	CRIP AF/WORKS/ID-ANU/NCB/105	12,563,116.36	12,563,116.36	100
	CRIP AF/WORKS/ID-ANU/NCB/106	3,631,419.56	3,631,419.56	100
	CRIP AF/WORKS/ID-ANU/NCB/107	12,584.603.84	12,584.603.84	100

### d. PEISEIP

Following are the schemes selected under the Irrigation Infrastructure Rehabilitation Component (IIRC) of the above project from Anuradhapura region for the year 2021.

Table 11-15: Work done under PEISEIP

Division	Scheme	Allocation for 2021 Rs. '000	Cumulative Expenditure Rs. '000	Physical Progress %
Anuradhapura	Mahamankadawala (Elayapaththuwa)	3,003	1,965	83
Anuradhapura	Weruppankulama	2,742	1,141	74
Anuradhapura	Mahawilachchiya	7,412	520	98
Anuradhapura	Kallanchchiya	3,118	1,372	65
Anuradhapura	Mahakanadarawa	5,267	713	55
Nachchaduwa	Thuruwila	138	138	100
Rajanganaya	Ralapanawa	3	3	100
Huruluwewa	Pandarellawa	2,153	5	47
Huruluwewa	Dematawewa	3,153	1,833	48
Huruluwewa	Manankattiya	849	824	100
Huruluwewa	Huruluwewa	11,197	7,434	75
Padaviya	Mahadiulwewa	1,295	3	100
Padaviya	Wahalkada	3,313	1,131	99

**e. Wari Saubhgya - Rural tank Rehabilitation**

"Wari Saubhgya", Minor tanks rehabilitation project was also launched in year 2021 in Anuradhapura district. This had been fully funded by local budget under state ministry of Tanks, Reservoirs and Irrigation Development related to Rural Paddy Fields and been utilized 100% local resources. Irrigation Department was assigned to rehabilitate selected 53 minor tanks under the project and around Rs 415 Mn was spent for the work in year 2021.

Table 11-16: List of tanks in Anuradhapura Division

No	Name of the Scheme	TEC (Rs. 000')	Expenditure up to end of 2021 (Rs.000')	Physical Progress %
1	Illuppanakadwala	9,431	7,200	90
2	Weruppankulama	13,030	8,253	100
3	Yahalegama	8,670	2,254	100
4	Wihara Thirappane	16,458	4,729	100
5	Wadakada	6,727	4,434	100
6	Paniyankadawala	14,374	4,152	90
7	Ikirigollewa Maha Wewa	8,562	8,211	100
8	Karagaswewa	13,111	4,018	100
9	Sinhala Mahawewa (Siyambalagaswewa)	9,752	6,234	100
10	Nabadagaswewa	7,454	3,770	100
11	Maha Irikewa tank	17,242	10,550	95
12	Nithulgawewa	5,174	2,502	100
13	Nabadawewa	10,837	5,554	90
14	Katukeliyawa	9,943	5,557	95
15	Aluthwewa 1	21,555	1,060	90
16	Aluthwewa 2	10,775	8,361	95
17	Kumbhaha	20,228	5,248	90
18	Mahakirindegama	45,559	13,468	95
19	Siyambalagaswewa	13,881	8,830	100
20	Ikirigollewa kudawewa	14,470	3,029	100
21	Rathmale wewa	9,172	3,539	95
22	Kunuragama	13,309	3,821	100
23	Hate wewa	1,383	564	100
24	Pahe Wewa	3,910	260	100
25	Illuppanakadwala – Additional	2,565	-	90
26	Weruppankulama – Additional	5,926	15	85
27	Ikirigollewa Maha Wewa - Additional	1,613	22	100
28	Maha Irikewa tank – Additional	878	-	100
29	Nabadagaswewa – Additional	1,374	1,006	90

Table 11-17: List of tanks in Nachchaduwa Division

No	Name of the Scheme	TEC (Rs. 000')	Expenditure up to end of 2021 (Rs.000')	Physical Progress %
1	Kaluarachchiyagama Pahalawewa	9,485	906	100
2	Palayakulma	7,836	7,572	100

Table 11-18: List of tanks in Huruluwewa Division

No	Name of the Scheme	TEC (Rs. 000')	Expenditure up to end of 2021 (Rs.000')	Physical Progress %
1	Gammahege Wewa	5,242	5,192	100
2	Galeketiyawewa	4,913	4,517	100
3	Palispothana Wewa	10,204	3,105	75
4	Halmillewa Maha Wewa	12,445	5,916	95
5	Nelugollakada Maha Wewa	9,054	5,390	90
6	Amunukole	729	837	100
7	Galenbidunuwewa	2,910	1,931	100
8	Ashwayabendiwewa	6,311	3,343	100
9	Sembigewewa	1,255	1,146	100
10	Wannamkulama	7,328	3,043	50
11	Paththewa Wewa	5,607	4,214	100
12	Nuketunuwewa	10,649	5,738	95
13	Agarayagama	7,522	5,508	98
14	Iluppukanniya	6,447	4,705	100
15	Ambagaswewa	29,534	17,144	100
16	Maradanmaduwa	1,992	86	100
17	Dekethipothana	1,805	11	100

Table 11-19: List of tanks in Padaviya Division

No	Name of the Scheme	TEC (Rs. 000')	Expenditure up to end of 2021 (Rs.000')	Physical Progress %
1	Kudakumbukkallewa	8,050	4,135	90
2	Kumbukwewa	13,120	5,676	70
3	Aiyathigewewa	24,577	5,018	85
4	Walpola Mahawewa Tank	11,929	7,400	90
5	Wraddanawewa	19,030	3,715	90
6	Manwewa	8,840	5,264	90
7	Manwewa – Additional	3,515	678	95

Table 11-20: List of tanks in Rajanganaya Division

No	Name of the Scheme	TEC (Rs. 000')	Expenditure up to end of 2021 (Rs.000')	Physical Progress %
1	Pallekagama	16,182	6,528	75
2	Eruwewa	6,375	3,117	65
3	Meegaswewa	15,325	13,078	100
4	Rathmalgahawewa	9,407	3,623	90

## 11.2.6 “Wap Haula” Program

Table 11-21: “Wap Haula” Program

Nature of the Activity	Division				
	Anuradhapura	Huruluwewa	Padaviya	Nachchaduwa	Rajanganaya
Number of Schemes	38	40	16	02	06
1.Cultivation Meetings					
1.1 Pre Cultivation meeting	76	80	16	04	12
1.2 Cultivation Meeting	76	80	16	04	12
2.Organizational Activities					
2.1 Conducting PMC meetings	29	30	04	02	03
3. Other Activities					
3.1 Compost Production (M.Ton)	1.327	394.32	713.7	-	1.8

## 11.2.7 Drinking water Extraction

Table 11-22: Drinking water extraction

Water Supply Scheme	Reservoir	Extracted Amount	
		m <sup>3</sup> per Day	Annual MCM
Nuwarawewa pump house (NWS&DB)	Nuwarawewa	13,563	4.9
Thuruwila pump house (NWS&DB)	Thuruwila	19,728	7.2
Thisawewa pump house (NWS&DB)	Thisawewa	6,165	2.25
Angamuwa (TGDWSP) (NWS&DB)	Angamuwa	Proposed	
Eruwewa (RID Project)	Eruwewa	Proposed (500 m <sup>3</sup> per Day)	
Jayanthiwewa (Padaviya)	Jayanthiwewa	Proposed	

## 11.2.8 Staff Position

Table 11-23: Staff position of the region

Designation	Director of Irrigation Office		Divisional Irrigation Office									
			Anuradhapura		Padaviya		Huruluwewa		Rajanganaya		Nachchaduwa	
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1	-	-	-	-	-	-	-	-	-	-
Chief Engineer	2	2	-	-	-	-	-	-	-	-	-	-
Divisional Irrigation Engineer	-	-	2	1	1	1	2	1	1	1	1	1
Irrigation Engineer	5	5	-	-	-	-	-	-	-	-	-	-
CEMSO	-	1	-	-	-	-	-	-	-	-	-	-
Accountant	1	1	-	-	-	-	-	-	-	-	-	-
Administrative Officer	1	1	-	-	-	-	-	-	-	-	-	-
Draughtsman Office Assistant	1	-	-	-	-	-	-	-	-	-	-	-
Divisional Assistant	-	-	1	1	1	1	1	1	1	1	1	1
Engineering Assistant	-	-	14	23	10	11	10	12	8	9	6	7
Institute Development officer	1	1	-	-	-	-	-	-	-	-	-	-
Development Officer	1	2	6	4	6	2	6	1	2	2	5	2
Draughtsman	7	2	3	1	3	-	3	1	2	1	2	1
Management Service Officer	15	15	6	6	5	3	6	6	5	6	5	5
Technical Assistant	-	-	17	13	10	8	12	11	9	8	6	3

Plan Printer	1	1	-	-	-	-	-	-	-	-	-	-
Storekeeper	-	-	1	1	1	1	1	1	1	1	1	1
Store Helper	-	-	1	1	1	1	1	1	1	1	1	1
Work Supervisor	-	-	-	-	-	1	-	-	-	-	-	-
Driver	4	4	5	7	5	1	5	5	4	4	4	3
Operator	-	-	-	3	-	1	-	-	-	-	-	-
Tractor Operator	-	-	-	1	-	1	-	2	-	1	-	-
Labourer	8	14	27	40	21	24	24	41	24	35	14	26
Mason	-	-	-	1	-	-	-	-	-	-	-	-
K.K.S	2	3	1	1	1	1	1	1	1	1	1	1
Greaser	4	1	-	2	-	-	-	1	-	1	-	-
Watcher	1	-	1	-	1	-	1	-	1	1	1	-
Lorry Assistant	-	-	2	1	1	1	1	-	1	-	1	-
Circuit Bungalow Keeper	-	-	1	1	1	1	1	1	1	1	1	1



### 11.3 Badulla Region

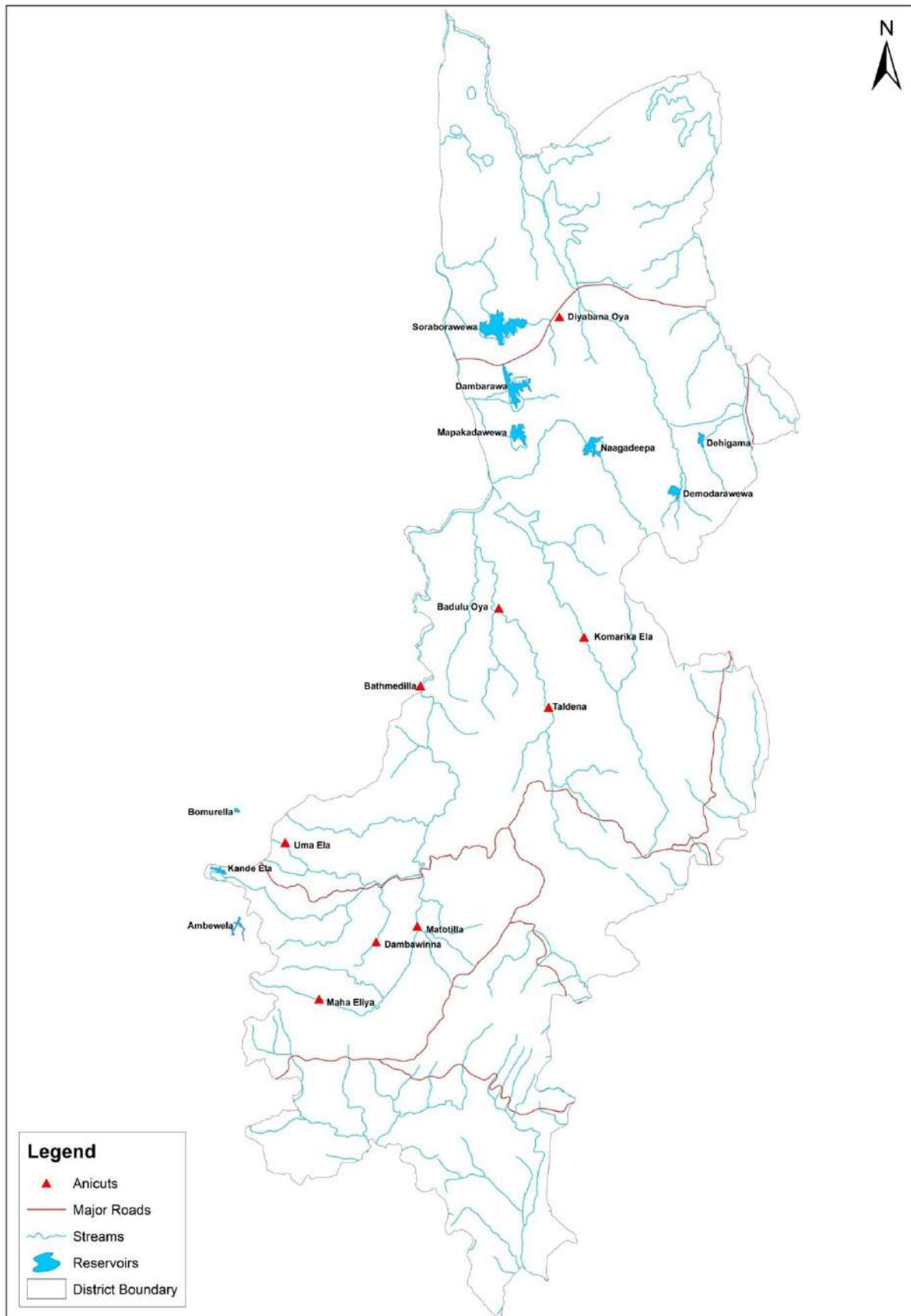


Figure 11-19: Scheme Map of Badulla Region

### 11.3.1 Introduction

Badulla region covers the area under Badulla district. There are 17 irrigation schemes maintained by Irrigation Department, out of which 9 reservoir schemes and 8 Anicut schemes. All schemes are within Mahaweli river basin. Largest reservoir maintained by the department is Nagadeepa reservoir, which has a capacity of 23,833 acft. Total Surface Water Storage in the Range is 73.61 MCM and Command area under 17 irrigation Schemes is 9769.0 Ha.

As majority of farmers in Badulla and Kandaketiya divisions are engaged in vegetable cultivation throughout the year, the range cropping intensity is more than 2.0. Soraborawewa, Mapakadawewa and Dambarawea schemes receive Mahaweli waters. Farmers in Mapakadawewa DIE division mainly do paddy cultivation.

### 11.3.2 Divisions come under the Region

There are three Divisions come under Badulla range namely Badulla, Kandaketiya and Mapakada. Badulla, Kandaketiya and Mapakada Divisions have 7, 3 and 7 schemes respectively.

### 11.3.3 The Details of the Irrigation Schemes under the Region

Table 11-24: Details of the Irrigation schemes under the region

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha.)	Cultivated Extend (Ha)		Total water issue from the sluice (MCM)	
				Maha	Yala	Maha	Yala
Badulla	Ambewela	2.4	407	381	243	1.03	2.45
	Kande ela	2.2	931	932	931	0.87	2.26
	Bomuru ella/ Uma ela	1.3	812	812	812	0.35	0.35
	Mathatilla	N/A	202	202	202	No Data	No Data
	Thaldena	N/A	142	142	142	No Data	No Data
	Mahaeliya	N/A	202	218	218	No Data	No Data
	Dambawinna	N/A	101	91	91	No Data	No Data
Kandaketiya	Badulu oya	N/A	769	769	769	No Data	No Data
	Bathmedilla	N/A	728	728	728	No Data	No Data
	Komarika ela	N/A	830	830	830	No Data	No Data
Mapakada	Mapakadawewa	9.7	608	608	608	7.78	9.22
	Dambarawa	15.9	608	608	608	6.81	6.78
	Sorabora	20.7	810	810	810	6.22	11.04
	Nagadeepa	29.3	1,700	1,700	1,700	34.89	16.82
	Dehigama	2.2	101	101	101	1.86	1.87
	Demodara	2.3	182	182	182	2.28	1.36
	Diyabana oya	N/A	316	316	316	6.42	4.44

### 11.3.4 Major Works completed during the year

#### a. Construction of Dimbulaththa Tank

Dimbulaththa tank is in Alawathugoda GN Division, Welimada Divisional Secretariat. The development comes under the purview of Divisional Irrigation Engineer Badulla. The main bund of the tank proposed to be constructed across “Balankan kandura” which is tributary of the Uma Oya.

There are about 300 families living in the Alawathugoda and Bogahakubura villages, who earn their living by vegetable cultivation will get the benefit of this. The net capacity of the tank is 5.141acft and length of the tank bund is 25 m. the expenditure during 2021 was Rs. 14,605,003.00 and the total physical progress at the end of the year was 95%.



Figure 11-20: Construction of Dimbulaththa Tank

#### b. Wilakandiya Reservoir Project

Wilakandiya was an abandoned tank in “Ebbehera” village in Mahiyangana. Restoration of the tank was started in 2012 with an estimated amount of 298 Mn. The construction of dam, spillway and sluices were completed at the cost of 210 million in year 2016. The construction of the main canal and the canal system work was started. The amount of allocation Rs. 35 million was received and 51% of the work was completed.



Figure 11-21: Construction of canal lining of Wilakandiya project

### 11.3.5 Divisional wise Allocation Distribution

Table 11-25: Divisional wise allocation distribution

Vote No. Description	Allocation (Rs) '000						Total
	Badulla	Mapakada	Kandaketiya	DI' s Office	ME Office Mapakda	P & D Uva & Eastern	
Departmental Votes							
Maintenance and Improvements to Building 282-2-2-0-2001-11-1	5,672						5,672
O&M Gravity Irrigation Works (Wages) 282-2-2-0-2001-11-2	150	150	150	-	4.5	400	854.5
Maintenance of Departmental Roads in Irrigation Schemes 282-2-2-0-2001-11-5	1,940	-	-	-	-	-	1,940
Electrical & Electromechanical Installation 282-2-2-0-2001-11-7	-	626	-	-	-	-	625
Flood Damage Repairs 282-2-2-0-2001-11-9	10,191						10,191
Improvement to head works of tanks for additional safety 282-2-2-0-2001-11-10	1,717	-	-	-	-	-	1,717
Management supporting Facilities for O&M 282-2-2-0-2001-11-12	100	100	100	200	50	500	1,050
Recovery of Possession & Safeguarding of Departmental Lands & Reservations 282-2-2-0-2001-11-11	-	400	-	-	-	-	400
Maintenance & Improvements of Department Circuit Bungalows 282-2-2-0-2001-15	640	-	-	650	-	-	1,290

Plant Machinery & Equipment 282-2-2-0-2002-11-1	-	-	-	-	3,155	-	3,155
Repairs to Vehicles 282-2-2-0-2003-11	100	-	-	350	1,010	-	1,460
Feasibility Studies for Major, medium Irrigation Projects and Surveys/soil/Geo technical Investigation 282-2-2-0-2507-11-008-1	-	-	-	-	-	1,000	1,000
Establishment and improvement of unit Office 282-2-2-1-2001-11-1	-	2,000	-	-	-	-	2,000
Farmer organization Development & Farm Productivity 282-2-2-0-2001-11-8	64	50	30	-	-	-	144
Essential Rehabilitation in selected Major Irrigation Works 282-2-2-4-2001-11	17,172	7,343	8,315	-	-	-	32,830
Gravity Irrigation Works 282-2-2-1-2001-11-2	9,865	13,855	5,580	1,053	-	-	30,353
Improvements to Major Irrigation works 282-2-2-1-2001-11-3	247	-	-	-	-	-	247
Wilakandiya Reservoir Project 282-2-4-44-2105-11	-	35,000	-	-	-	-	35,000
Improvements to Feeder Canals 282-2-2-0-2001-11-19	-	-	1,083	-	-	-	1,083
Improvements to Spill Tail canal and Drainage System 282-2-2-0-2001-11-16	1,200	-	-	-	-	-	1,200
Community Awareness 282-2-2-5-2105-11-5	257	-	-	-	-	-	257
Establishing River Profile in Major Rivers 282-2-2-5-2105-11-2	1,015	-	-	-	-	-	1,015
Land and Legal Matters 282-2-2-0-2503-11-5	-	-	286	-	-	-	286
Improvements to Vehicles 282-1-1-0-2003-11	-	-	-	-	2,830	-	2,830

Clean River Programme 282-2-2-5-2105-11-8	778	-	-	-	-	-	778
Embankment Protection 282-2-2-5-2105-11-6	1,730	-	-	-	-	-	1,730
Water Quality Monitoring 282-2-5-2105-11-7	150	-	-	-	-	-	150
Purchase of O&M Machinery & Field Equipment 282-2-2-0-2103-11-5	1,000	-	-	-	-	750	1,750
Ministry & Other Votes							
Uma Oya Project 198-2-3-32-2506	-	-	-	-	-	845	845
Infrastructure Development 198-2-13-8-2506	21,715	3,148	-	-	-	-	24,863
Integrated Water Productivity Improvement Project (IWPIP) 198-2-13-9-2507	-	216	-	-	-	-	216
Productivity Enhancement & Irrigation System Efficiency (IIRC) 198-2-3-21-2506	2,978	1,644	264	200	-	-	5,086
Wari Saubhagya National Programme for Rehalibation of Rural Tanks and Anicuts 429-2-3-002-2506	29,349	4,029	18,165	-	-	-	51,543
Wari Saubhagya National Programme for Rehalibation of Rural Tanks and Anicuts 282-2-4-51-2506	15,099	80	3,500	-	-	-	18,679
Wari Saubhagya National Programme for Rehalibation of Rural Tanks and Anicuts 428-2-3-8-2506		5,700		-	-	-	5,700

### 11.3.6 Major Works carried out under Block Votes

#### a. Mapakada Division



Figure 11-22: Improvements to spill house for electromechanical system of spill gates in



Figure 11-23: Gravelling along the bund road in Mapakada scheme

#### b. Kandaketiya Division



Figure 11-24-Construction of canal lining at 8+472 km in Komarika ela scheme



Figure 11-25-Construction 32m long retaining walla at1+488 in LBMC Bathmedilla Scheme

#### c. Badulla Division



Figure 11-26- Construction of Canal lining at 4+400 at Mathotilla scheme



Figure 11-27- Construction of bridge for welimada Amunumulla road across spill tail canal of Dambawinna scheme

### 11.3.7 Projects implemented under other source of funds

#### a. PEISEIP

Following are the schemes selected to implement this project.

Table 11-26: PEISEIP Progress

Division	Scheme	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress
Badulla	Thaldena	2,978.057	2,886.489	100%
Kandaketiya	Bathmedilla	264.538	264.538	85%
Mapakada	Nagadeepa	1,644.398	1,668.157	100%

#### b. Wari Saubhagya National Programme for Rehalibation of Rural Tanks and Anicuts

The 40 number of tanks and anicuts were selected for rehabilitation under this programme. The total estimated cost for 40 schemes was Rs. 123.964 million. The 23 number of items were completed, and expenditure was Rs. 71.135 million.



Figure 11-28- Minuwan wewa



Figure 11-29- Construction of Dambagolla Tank

### 11.3.8 “Wap Haula” Program

Table 11-27: “Wap Haula” Program

Division	Badulla	Mapakada	Kandaketiya
<b>Nature of the Activity</b>			
Number of schemes	7	3	1
<b>1. Cultivation Meetings</b>			
1.1 Pre cultivation meeting	14	6	2
1.2 Cultivation Meeting	14	6	2
<b>2. Organizational Activities</b>			
2.1 Conducting FO Election	35	7	8
2.2 Conducting FO Annual General meetings	37	7	8
2.3 Conducting PMC meetings	41	9	4



Figure 11-30: PMC meeting Komarika ela- Kandaketiya Division

### 11.3.9 Drinking water Extraction

Table 11-28: Drinking water extraction

Water Supply Scheme	Reservoir	Extracted Amount	
		m <sup>3</sup> Day	Annual MCM
Kande ela	Gelnoky Anicut	3000	1.095
Uma ela	Bomuru ella	3000	1.095
Mahaeliya	Mahaeliya Anicut	1500	0.548

### 11.3.10 Social Activities

#### Celebration of Worlds Rivers Day

Worlds River Day is declared on September 27,2021. Irrigation Department celebrated this event on the theme of “Day of Action for Rivers”.

Director of Irrigation, Badulla has organized an awareness program about the river day to all the staffs at Badulla Heritage Hotel.



Figure 11-31: River Day presentation

### 11.3.11 Staff Position

Table 11-29: Staff Position of the region

Designation	Director of irrigation Office		Divisional Irrigation Engineer's Office						ME office Mapakada		P& D Uva & Eastern	
			Badulla		Kandaketiya		Mapakada					
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1	-	-	-	-	-	-	-	-	1	1
Chief Engineer	1	1	-	-	-	-	-	-	-	-	1	1
Irrigation Engineer (Civil)	3	3	1	1	1	1	1	1	-	-	3	5
Mechanical Engineer	-	-	-	-	-	-	-	-	1	1	-	-
Accountant	1	1	-	-	-	-	-	-	-	-	-	-
Administrative Officer	1	1	-	-	-	-	-	-	-	-	-	-
Drawing Office Assistant	1	-	-	-	-	-	-	-	-	-	-	-
Divisional Assistant	-	-	1	1	1	1	1	1	-	-	-	-
Engineering Assistant	-	-	8	4	9	3	9	9	-	-	4	2
Draughtsman	5	2	3	2	3	1	3	1	-	-	3	-
Institutional Development Officer	1	-	-	-	-	-	-	-	-	-	-	-
Development Officer	2	5	7	8	3	3	5	2	-	-	1	-
Senior Work Supervisor	1	-	-	-	-	-	-	-	-	-	-	-
Public Management Assistant	15	20	5	7	5	3	5	3	-	-	2	2
Storekeeper	-	-	1	1	1	1	1	1	1	-	-	-
English Typist	-	1	-	-	-	-	-	-	-	-	-	-
Department Clerk	-	-	-	1	-	-	-	-	-	-	-	-
Technical Aide (Civil)	-	-	6	8	6	6	6	7	-	-	-	-

Drivers	3	3	3	5	3	4	3	5	2	2	2	1
Operator	*12	-	-	4	-	2	-	2	-	-	-	-
Tractor Operator	*7	-	-	5	-	-	-	7	-	1	-	-
Greaser	*3	-	-	2	-	-	-	1	-	1	-	-
Plan Printer/ Helper	*1	1	-	-	-	-	-	-	-	-	-	-
Circuit Bungalow Keeper	*1	-	-	1	-	-	-	-	-	-	-	-
Carpenter	*1	2	-	1	-	-	-	-	-	-	-	-
Meson	*1	1	-	-	-	-	-	-	-	-	-	-
Store Aide	-	1	1	5	1	1	1	2	-	1	-	-
Cleaner/ Helper	*2	1	-	-	-	-	-	1	-	1	-	-
Electrician	-	1	-	-	-	-	-	-	-	-	-	-
KKS	2	4	1	2	1	1	1	3	1	1	1	1
Field Watcher	1	1	1	3	1	2	1	-	1	2	-	-
Lathe men	-	-	-	-	-	-	-	-	-	1	-	-
Labourer	-	12	-	28	-	17	-	22	-	5	-	3
Maintenance & Operating Laborer	-	2	12	6	9	6	9	11	-	2	-	-
Laboratory Laborer	-	-	-	1	-	-	-	-	-	-	-	-
Mechanic	-	-	-	-	-	-	-	-	-	1	-	-
Laboratory Attendant	-	2	-	-	-	-	-	-	-	-	-	-
Welder	-	-	-	-	-	-	-	-	-	1	-	-

“ \* “ Marked numbers indicate the total approved cadre for the Range



## 11.4 Batticaloa Region

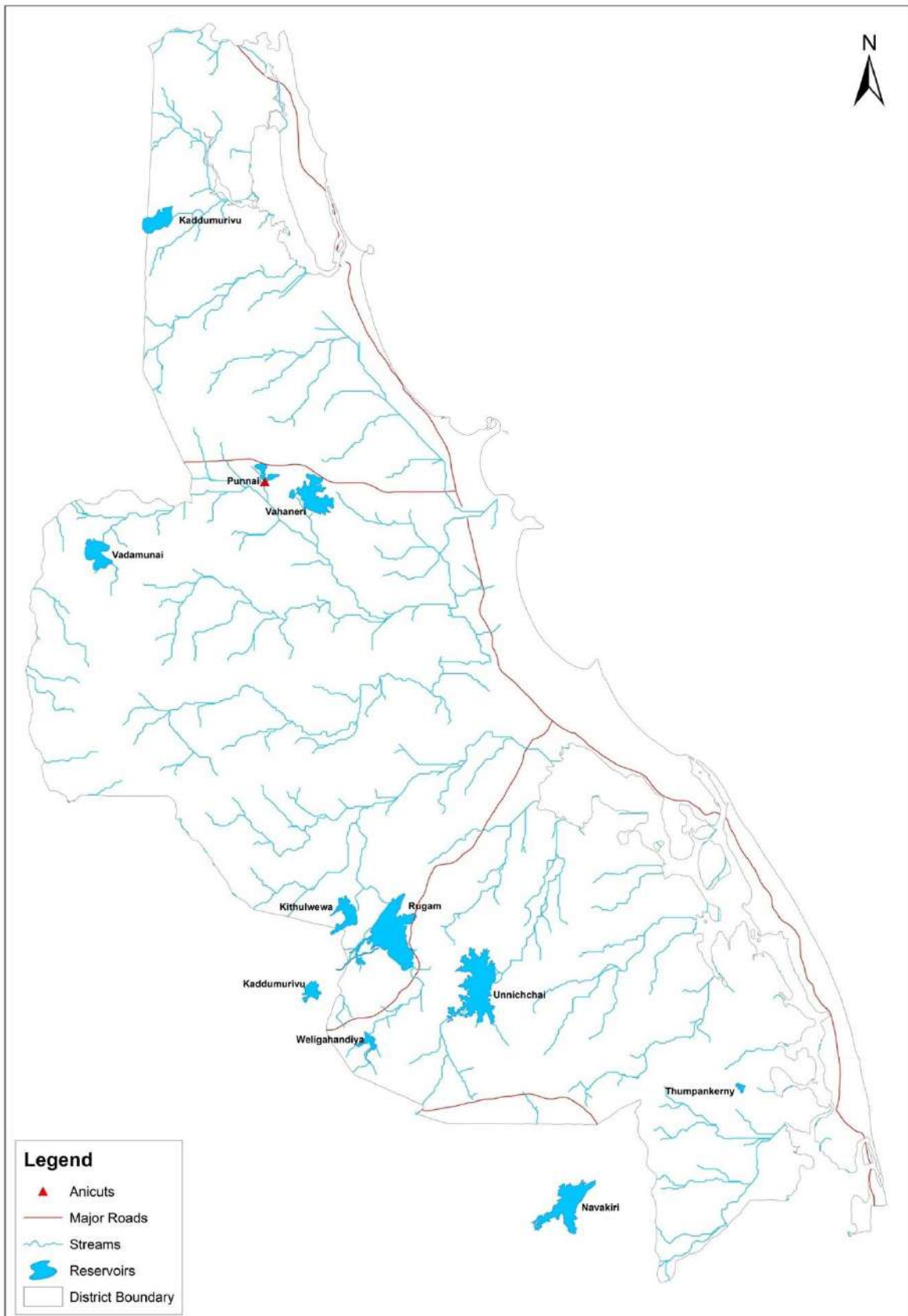


Figure 11-32: Scheme Map of Batticaloa Region

### 11.4.1 Introduction

Office of the Director of Irrigation, Batticaloa is responsible for maintaining four major and six medium schemes including an anicut scheme. There are two divisions.

### 11.4.2 Divisions come under the Region

#### Rugam Division

Unnichai, Rugam and Vahanery are the three major schemes and Kaddumurivu, Wadamunai, Kithulwewa and Welihagakandiya are the 4 medium schemes Operated under this division. Punanai scheme is an anicut scheme which is coming under medium scheme.

#### Navakiri Division

Navakiri Division is responsible for maintaining one major and one medium scheme. Navakiri Scheme is a major scheme and Thumpankerny Scheme is a medium scheme.

### 11.4.3 Details of the Irrigation Schemes under the Region

Table 11-30: Details of the Irrigation Schemes under the Region

Schemes	Full Capacity (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water usage (Main sluice issue) (MCM)	
			Maha	Yala	Maha	Yala
Unnichchai	67.67	6,138	6,138	4,811	3.50	29.30
Rugam	22.88	3,137	2,995	3,105	-	2.34
Vahanery	16.61	3,880	3,880	3,634	0.42	1.08
Kaddumurivu	5.78	445	445	445	0.11	2.06
Wadamunai	5.54	148	148	153	0.06	0.18
Kithulwewa	5.17	405	405	190	0.14	1.29
Welihagakandiya	1.82	186	186	174	0.11	1.89
Punnai Anicut	-	1,178	1,147	896	1.07	1.11
Navakiri	65.41	7,087	7,446	6,430	-	13.71
Thumpankerny	1.47	271	271	101	-	0.33

### 11.4.4 Major Works completed during the year

#### a. Works carried out under the vote of Essential Rehabilitation of Major Medium Irrigation Schemes

- Reconstruction of drainage outlet cum bridge at stn.13+942 in RB main channel in Unnichchai scheme



Figure 11-33: Before and after construction

- Construction of Kanthan off take structure in D1 channel in Vahanery scheme
- Construction of Kanayankuli regulator in Murukanthevu Kandam in Vahanery Scheme
- Improvements to Pondukalchenai causeway downstream in Vahanery scheme



Figure 11-34: Before and after improvements

- Construction of 8.0m span PSC beam bridge at 40+770 in LB main canal in Navakiri Division



Figure 11-35: Before and after construction

**b. Works carried out under the vote of Embankment protection**

- Improvements to Thoduvil River



Figure 11-36: Before and after construction

**c. Works carried out under the vote of establishing river profiles**

- Widening & straightening in Mahilawedduwan river from stn.10+900 to 13+700 in Unnichchai scheme



Figure 11-37: Before and after widening & straightening

**d. Works carried out under the vote of O&M Drainage and Flood Protection**

- Widening and Straightening of Kanthakudamadu River and Improvements to flood bund from Kakachivattai bridge to Ragnathan Anicut in Navakiri Division



Figure 11-38: Before and after construction

**e. Construction of Nihal Anicut in Navakiri Division**

Nihal Anicut is proposed to be constructed across Kanthakudamadu river and water is diverted to the area of Vedanchenai kandam in Vethuchenai in Porativupattu Divisional Secretary Divisions. Farmers used to construct temporary sand dams across river and divert water. These dams were washed away during Northeast monsoon period and reconstruct again by themselves. It may cause financial loss and cultivation damages to the farmers. About 200 acres of land could be cultivated both yala and maha seasons and nearly 200 farmer families will be benefitted. Total estimated cost of the project was Rs. 24.3 million.



Figure 11-39: Temporary Sand Dam



Figure 11-40: Completed Structure

#### **f. Construction of Kanniyammai Anicut in Navakiri Division**

This anicut is proposed to be constructed across Navakiri river and provided water for the area of Kanniyammai kandam in Sinnawatta in Porativupattu Divisional Secretary Division. Farmers of this area are diverted water for cultivation by constructing temporary sand dams annually. These sand dams were washed away during North East monsoon period. Another 300 acres of land could be cultivated for both Yala and Maha seasons and 100 farmer families could be benefited. The cost of the construction was Rs. 13.5 million.



Figure 11-41: Temporary Sand Dam



Figure 11-42: Completed Structure

#### **g. Construction of Kalvaddai Anicut in Navakiri Division**

The construction of this anicut was started in year 2001 and abandoned due to war situation prevailed in this area. Farmers were used to divert water by constructing temporary sand dams. These sand dams were washed away during North East monsoon period and construct annually bearing cost by farmers. Kalvaddai anicut is proposed to construct across Right Bank branch canal of Navakiri river and provide water for the area of Kalvaddai kandam in Sinnawatta in Porativupattu Divisional Secretary Division. The water will be provided for 550 acres of land to cultivate both season and benefit to 200 farmer families. The cost of the construction was Rs. 22.6 million



Figure 11-43: Kalvaddai anicut

### 11.4.5 Divisional wise Allocation Distribution

Table 11-31: Divisional wise allocation distribution

Vote No. & Description	Allocation (Rs.) '000			
	DI office	Rugam	Navakiri	Total
Gravity Irrigation Works 282-2-2-1-2001-11-2	1,052	28,559	15,318	44,929
Flood Damage Repair 282-2-2-0-2001-11-9	277	12,899	4,399	17,575
Maintenance & Improvements to Building 282-2-2-0-2001-11-1	129		7,235	7,364
Management Supporting Facilities for O&M 282-2-2-0-2001-11-12	100	200	150	450
Essential Rehabilitation of Major Medium Irrigation Schemes 282-2-2-4-2001-11-1	1,955	37,876	48,117	87,948
O&M Drainage and Flood Protection 282-2-2-0-2001-11-4	40	1,425	2,533	3,998
Farmers Organization Development and Farm Productivity and Profitability 282-2-2-0-2001-11-8		73	35	108
Improvements to Major Irrigation Works 282-2-2-1-2001-11-3		306		306
O & M Gravity Works (Wages) 282-2-2-0-2001-11-2		150	154	304
Calibration and Water Management Studies 282-02-2-0-2507-2-7 (11)		224		224
Additional and Improvements to existing Irrigation works 282-2-2-3-2001-11-4		761		761
Calibration and Water Management Studies 282-2-2-0-2507-11-009-7	30	209		239
Additions and Improvements to existing Irrigation works 282-2-2-1-2001-11-4	63	5,215		5,278
Recovery of Possession and Safeguarding of departmental Land and Reservations 282-2-2-0-2001-11-12	4		195	199
Establishment & Improvement of Unit office 282-2-2-1-2001-11-1	55		2,544	2,599
Surveying & Investigation of existing schemes 282-2-2-0-2507-11-008-3			232	232
Improvements to Head Works of tanks for Additional Safety 282-2-2-0-2001-11-10	126	3,523		3,649
Maintenance & Improvements of Departmental Circuits Bungalows 282-02-2-0-2001-11-15	25		684	709
Wari Saubhagya National Programme for Rehabilitation of Rural Tanks & Anicuts 282-2-4-51-2506	111	42,314	15,682	58,107

Vote No. & Description	Allocation (Rs.) '000			
	DI office	Rugam	Navakiri	Total
Maintenance of Departmental Roads in Irrigation scheme 282-02-2-0-2001-11-5	45	1,830	1,048	2,923
Embankment protection 282-2-2-5-2105-11-6	409	14,495	6,003	20,907
Establishing in River profile in Major Rivers 282-2-2-5-2105-11-2	314	11,583	1,420	13,317
Feasibility Studies for Major, Medium Irrigation Projects & Surveys/soil Geotechnical Investigations 282-2-2-0-2507-008-1		145		145
Plant Machinery & Equipment 282-2-2-0-2002-11-4		311	150	461
Community Awareness 282-2-2-5-2105-11-5	460			460
Purchase of O&M Machinery and Field Equipment 282-2-2-0-2103-11-5	1,000			1,000
Water Quality Monitoring 282-2-2-5-2105-11-7	280			280
<b>Ministry &amp; Other Votes</b>				
Clearing Drainage Canal system 198-2-3-8-2506-11	194	4,979		5,173
Wari Saubhagya National Programme for Rehabilitation of Rural Tanks & Anicuts 282-2-4-51-2506	1,388	116,170	41,480	159,038
Wari Saubhagya National Programme for Rehabilitation of Rural Tanks & Anicuts 428-02-03-08-2506(11)	2,915	27,716	27,986	58,617
Productivity Enhancement and Irrigation System Efficiency Improvements Project (PEISEIP) 198-2-13-21-2506 (11)	1,812	6,650	11,092	19,554
Major, Medium Irrigation Scheme- Infrastructure Development 198-2-3-8-2506	110		5,722	5,832
<b>Total</b>	<b>12,894</b>	<b>317,613</b>	<b>192,179</b>	<b>522,686</b>

## 11.4.6 Projects implemented under other source of funds

### a. Additional Finance under CRIP

Table 11-32: Progress of work done

Name of the work	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress
Rehabilitation of T-10 channel in Navakiri scheme CRIPAF/WORKS/ID-BAT/NCB/34	50,280	37,750	100%
Rehabilitation of Kulaththuwettai channel in Rugam scheme(C) CRIP/WORKS/ID -BAT/NCB/S/24-C	1,660	1,620	100%
Rehabilitation of Erukkalampaththu bridge in Vahanery scheme CRIP/WORKS/ID -BAT/NCB/35	30,370	31,960	100%
Reconstruction of Pandarakattu anicut in Vahanery Division CRIP/WORKS/ID - BAT/NCB/36	28,800	26,980	100%
Improvements to Causeway at RB main channel at stn.0+305 in Punanai scheme CRIP/WORKS/ID - BAT/CP/401	1,030	1,030	100%
Construction of Kottady regulator at stn.1+290 in Koddady channel in Vahanery scheme CRIP/WORKS/ID -BAT/CP/402	1,930	1,920	100%
Construction of pipe crossing at Navaladichenai Farm Road in Unnichechai scheme CRIP/WORKS/ID - BAT/CP/403	400	400	100%
Improvements to Palaganveli channel in Palaganveli kandam in Rugam scheme CRIP/WORKS/ID -BAT/CP/404 - 1	1,190	1,190	100%
Improvements to Patchothukudah road in Peruveli kandam in Rugam scheme CRIP/WORKS/ID -BAT/CP/404-2	1,280	1,280	100%
Improvements to Sadavakkai high level channel in Sinnaveli kandam in Rugam scheme CRIP/WORKS/ID -BAT/CP/404-3	1,710	1,680	100%
Construction of pipe crossing at stn 0+751 & 0+938 in palaganveli channel Rugam scheme CRIP/WORKS/ID -BAT/CP/404-4	940	860	100%
Construction of box culvert across Kakachivaddai Anicut supply channel in Veththuchenai kandam CRIP/WORKS/ID -BAT/CP/405	1,430	1,420	100%
Reconstruction of road crossing along SK-6 drainage channel at stn.0+060 in Navakiri Division CRIP/WORKS/ID -BAT/CP/406	1,480	1,470	100%
Construction of box culvert across SK-6 channel at Stn. 0+290 in Navakiri Division CRIP/WORKS/ID -BAT/CP/407	1,940	1,900	100%
Improvements to Panayarupan Anicut in Navakiri Division CRIP/WORKS/ID -BAT/CP/408	870	870	100%

<b>Name of the work</b>	<b>Allocation Rs. '000</b>	<b>Expenditure Rs. '000</b>	<b>Physical Progress</b>
Improvements to Unnichchai RB main channel bund road from stn 0+210 to stn 0+850 in Unnichchai scheme CRIP/WORKS/ID -BAT/CP/481	1,995	1,995	100%
Improvements to Unnichchai RB main channel bund road from stn 0+850 to stn 1+400 in Unnichchai scheme CRIP/WORKS/ID -BAT/CP/482	1,964	1,964	100%
Improvements to Unnichchai RB main channel bund road from stn 1+400 to stn 2+050 in Unnichchai scheme CRIP/WORKS/ID -BAT/CP/483	1,854	1,854	100%
Improvements to Unnichchai RB main channel bund road from stn 2+050 to stn 2+550 in Unnichchai scheme CRIP/WORKS/ID -BAT/CP/484	1,873	1,873	100%
Improvements to Unnichchai RB main channel bund road from stn 2+550 to stn 3+000 in Unnichchai scheme CRIP/WORKS/ID -BAT/CP/485	1,820	1,820	100%
Improvements to Unnichchai RB main channel bund road from stn 3+000 to stn 3+400 in Unnichchai scheme CRIP/WORKS/ID -BAT/CP/486	1,979	1,979	100%
Improvements to Unnichchai RB main channel bund road from stn 3+400 to stn 4+000 in Unnichchai scheme CRIP/WORKS/ID -BAT/CP/487	1,998	1,998	100%
Improvements to Unnichchai RB main channel bund road from stn 4+000 to stn 4+450 in Unnichchai scheme CRIP/WORKS/ID -BAT/CP/488	1,860	1,860	100%
Improvements to Unnichchai RB main channel bund road from stn 4+450 to stn 4+750 in Unnichchai scheme CRIP/WORKS/ID -BAT/CP/489	1,856	1,856	100%
Improvements to Unnichchai RB main channel bund road from stn 4+750 to stn 5+400 in Unnichchai scheme CRIP/WORKS/ID -BAT/CP/490	1,988	1,988	100%
Improvements to Unnichchai RB main channel bund road from stn 5+400 to stn 6+000 in Unnichchai scheme CRIP/WORKS/ID -BAT/CP/491	1,922	1,922	100%
Improvements to Odaviyar Vaddai access Road CRIP/WORKS/ID -BAT/CP/492	1,857	1,790	100%
Improvements to Kalvaddi Anicut supply channel Karumpukalai access at Stn.0+000 to 0+800 CRIP/WORKS/ID -BAT/CP/492-1	1,828	1,550	100%
Improvements to Kalvaddi Anicut supply channel Karumpukalai access at Stn.0+800 to 1+500 CRIP/WORKS/ID -BAT/CP/492-2	1,476	1,420	100%
Improvements to Kalvaddi Anicut supply channel Karumpukalai access at Stn.1500 to 2+050 CRIP/WORKS/ID -BAT/CP/492-3	1,647	1.61	100%
Improvements to RB bund Road in Navakiri Tank from Stn. 33+244 to 33+720. CRIP/WORKS/ID -BAT/CP/493	1,880	1,880	100%
Improvements to T-22-3 Sinnakanthipuram Road. CRIP/WORKS/ID -BAT/CP/494	1,995	1,970	100%

**b. PEISEIP**

Table 11-33: Progress of work under PEISEIP

Division	Scheme	Allocation (Rs.) '000	Expenditure (Rs.) '000	Physical Progress
Rugam	Weligahakandiya	6,650	6,634	100%
Navakiri	Navakiri	11,011	11,011	100%
Navakiri	Thumpankerny	81	81	100%

**c. Wari Saubhagya National Program for Rehabilitation of Rural Tanks & Anicuts**

There are several projects which have been completed under Wari Saubhagya National Program for Rehabilitation of Rural Tanks & Anicuts in both divisions. The total estimated cost of the 23 number of items were Rs.317,870,000.00 and the expenditure up to the end of 2021 was Rs.222,217,239.00.

Table 11-34: Items under Rugam Division in Wari Saubhagya programme

No.	Name of the scheme	TEC Rs. '000	Expenditure up to end of Dec 2021 Rs. ' 000	Physical Progress
1	Kukkuwan Anicut	5,148	5,048	100%
2	Poonthottakandu Anicut	8,768	8,676	100%
3	Pamparadichenai Anicut	18,074	17,263	100%
4	Periyakalapoddamada Anicut	12,042	11,893	100%
5	Kandariyanodai Anicut	16,677	16,521	100%
6	Nallamamadu Anicut	17,230	17,068	100%
7	Meegakandiya Tank	9,850	9,754	100%
8	Varadichchulai tank	8,595	8,507	100%
9	Mavalai tank	24,055	16,851	100%
10	Alamkulam	14,375	7,213	100%
11	Puthukulam	13,340	5,640	100%
12	Santhiyar Anicut	20,325	18,055	98%
13	Kalkerny anicut	34,353	17,111	78%



Figure 11-44: Kukkuwan anicut in Kiran



Figure 11-45: Meegakandiya tank in Karadiyanaru



Figure 11-46: Poonthotakaddu anicut in Unnichchai



Figure 11-47: Kanthariyanodai anicut in Unnichchai

Table 11-35: Items under Nawakiri Division in Wari Saubhagya programme

No.	Name of the scheme	TEC Rs. '000	Expenditure up to end of Dec 2021 Rs. ' 000	Physical Progress
1	Puthumummaricholai Anicut	18,650	18,474	100%
2	Parayan Ethalai Kulam	6,162	4,296	100%
3	Puthukarachchai Kulam	4,720	3,547	100%
4	Kayamadu kulam	13,620	7,362	100%
5	Vilavadvattai Anicut	18,670	9,757	95%
6	Vattikulam	8,018	5,133	95%
7	Uppuvattai Kulam	11,670	5,313	85%
8	Milathukulam	14,570	3,607	80%
9	Thamarai Kulam	2,625	239	75%
10	Malayarkattu Anicut	16,333	4,888	65%

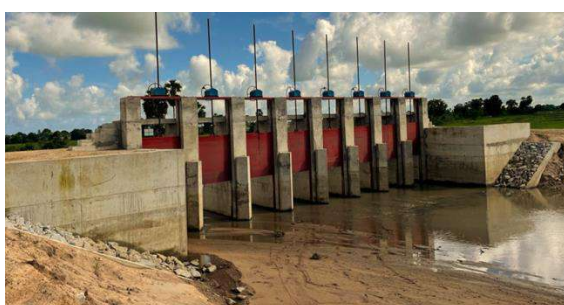


Figure 11-48: Puthumunmaricholai Anicut



Figure 11-49: Uppuvatti Kulam



Figure 11-50: Vatti Kulam



Figure 11-51: Puthukarachchai Tank



Figure 11-52: Milathukulam



Figure 11-53: Kayamadu Kulam

#### 11.4.7 “Wap Haula” Program

Table 11-36: “Wap Haula” Program

Nature of the Activity	Division	
	Rugam	Navakiri
Number of Schemes	08	02
1. Cultivation Meetings		
1.1 Pre Cultivation meeting	04	02
1.2 Cultivation Meeting	04	02
2. Organization Activities		
2.1 Conducting FO Election	-	-
2.2 Conducting FO Annual General meetings	30	03
2.3 Conducting PMC meetings	10	02
2.4 Preparation of FO Final Accounts	√	√
3. Capacity Building		
3.1 Financial Management	√	√
3.2 Income Management etc..	√	√
4. Participatory Management		
4.1 Shramadana for clearing canal bunds	√	√
4.2 Maintenance of Farm Roads	√	√
4.3 Maintenance of Drainage canals	√	√
5. Awareness programme		
5.1 OFC Cultivation	√	√
6. Other Activities		
6.1 Deva Puja, Pirith etc.	√	√



Figure 11-54: Preparation of Organic Fertilizer

### 11.4.8 Drinking water Extraction

National Water Supply and Drainage Board (NWSDB) extracts water from Unnichai reservoir for Water Supply Purpose. Nearly 11 MCM has been extracted Annually.

Table 11-37: Drinking water extraction

Water Supply Scheme	Reservoir	Extracted Amount	
		m <sup>3</sup> per Day	Annual MCM
Unnichai Water supply Scheme	Unnichai Reservoir	30,137	11

### 11.4.9 Social Activities

Gardening Works carried out in premises of Region Director's office

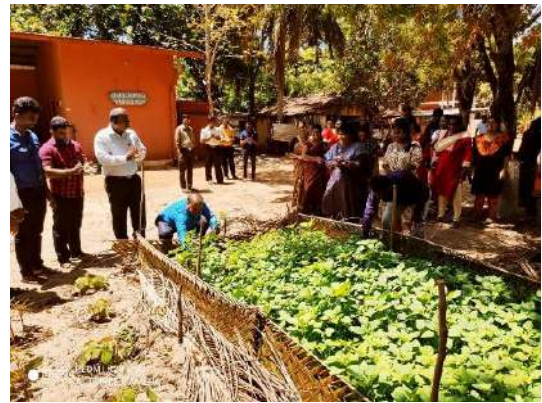


Figure 11-55: Gardening Works carried out in premises of Region Director's office

#### 11.4.10 Staff Position

Table 11-38: Staff position of the region

Designation	Director of Irrigation Office		Divisional Irrigation Office				Workshop		Project		Total	
	Approved	Actual	Rugam		Navakiri		Approved	Actual	Approved	Actual	Approved	Actual
			Approved	Actual	Approved	Actual						
Director of Irrigation	1	1	-	-	-	-	-	-	-	-	1	1
Chief Engineer	1	1	-	-	-	-	-	-	-	-	1	1
Divisional Irrigation Engineer	-	-	1	1	1	1	-	-	-	-	2	2
Engineer (Civil)	3	2	-	-	-	-	-	-	-	1	3	3
Engineer (ER)	-	-	-	-	-	-	-	-	-	1	-	1
CEMS	-	1	-	-	-	-	-	-	-	-	-	1
Accountant	1	1	-	-	-	-	-	-	-	-	1	1
Administrative Officer	1	1	-	-	-	-	-	-	-	-	1	1
Drawing Office Assistant	1	1 (Act)	-	-	-	-	-	-	-	-	1	1
Divisional Assistant	-	-	1	1 (Act)	1	1 (Act)	-	-	-	-	2	2
Engineering Assistant	-	-	14	6	8	5	-	-	-	-	22	11
Institute Development officer	1	-	-	-	-	-	-	-	-	-	1	-
Development Officer	1	5	5	3	4	8	-	-	-	4	10	20
Draughtsman	5	3	3	3	3	2	-	-	-	-	11	8
Management Service Officer	14	13	5	5	5	6	-	-	-	-	24	24
Technical Aide	-	-	12	9	12	10	-	-	-	4	24	23
Plan Printer	1	0	-	-	-	-	-	-	-	-	1	-
Store Keeper	-	-	1	2	1	1	-	1	-	-	3	3
Store Assistant	-	-	1	1	1	1	-	-	-	-	2	2

Driver	3	1	3	-	3	-	-	-	-	-	9	1
Driver (ML - Acting)	-	2	-	-	-	2	-	-	-	-	-	4
Operator	5	-	-	1	-	2	-	-	-	-	5	3
Tractor Operator	5	-	-	1	-	3	-	-	-	-	5	4
Labourer	-	2	-	6	-	6	-	1	-	-	-	15
Labourer (Act.Clerk)	-	2	-	1	-	-	-	1	-	-	-	4
Labourer (Act.D'man Assistant)	-	1	-	1	-	-	-	-	-	-	-	2
Maintenance Labourer (Act.CB Keeper)	-	1	-	-	-	-	-	-	-	-	-	1
Labourer (Act.Driver)	-	1	-	2	-	2	-	-	-	-	-	5
Labourer (Act.Operator)	-	-	-	2	-	1	-	-	-	-	-	3
Labourer (Act.Field Watcher)	-	-	-	4	-	1	-	-	-	-	-	5
Labourer (Act.KKS)	-	-	-	1	-	1	-	-	-	-	-	2
Maintenance Labourer	-	3	33	14	34	11	-	-	-	-	67	28
Lab Assistant	2	2	-	-	-	-	-	-	-	-	2	2
Mechanic	-	-	-	-	-	-	1	2	-	-	1	2
Fitter	-	-	-	-	-	-	1	1	-	-	1	1
Mason	1	-	-	-	-	-	-	-	-	-	1	-
Carpenter	1	-	-	-	-	1	-	-	-	-	1	1
K.K.S	2	3	1	-	1	-	-	-	-	-	4	3
Grasser	1	-	-	-	-	-	-	-	-	-	1	-
Watcher	1	-	1	-	1	-	-	-	-	-	3	-
Lorry Assistant (Act.Driver)	1	-	-	1	-	-	-	-	-	-	1	1
Circuit Bungalow Keeper	-	-	-	-	-	-	-	-	-	-	1	-
Sanitary Labourer	-	1	-	-	-	-	-	-	-	-	-	1



## 11.5 Colombo Region

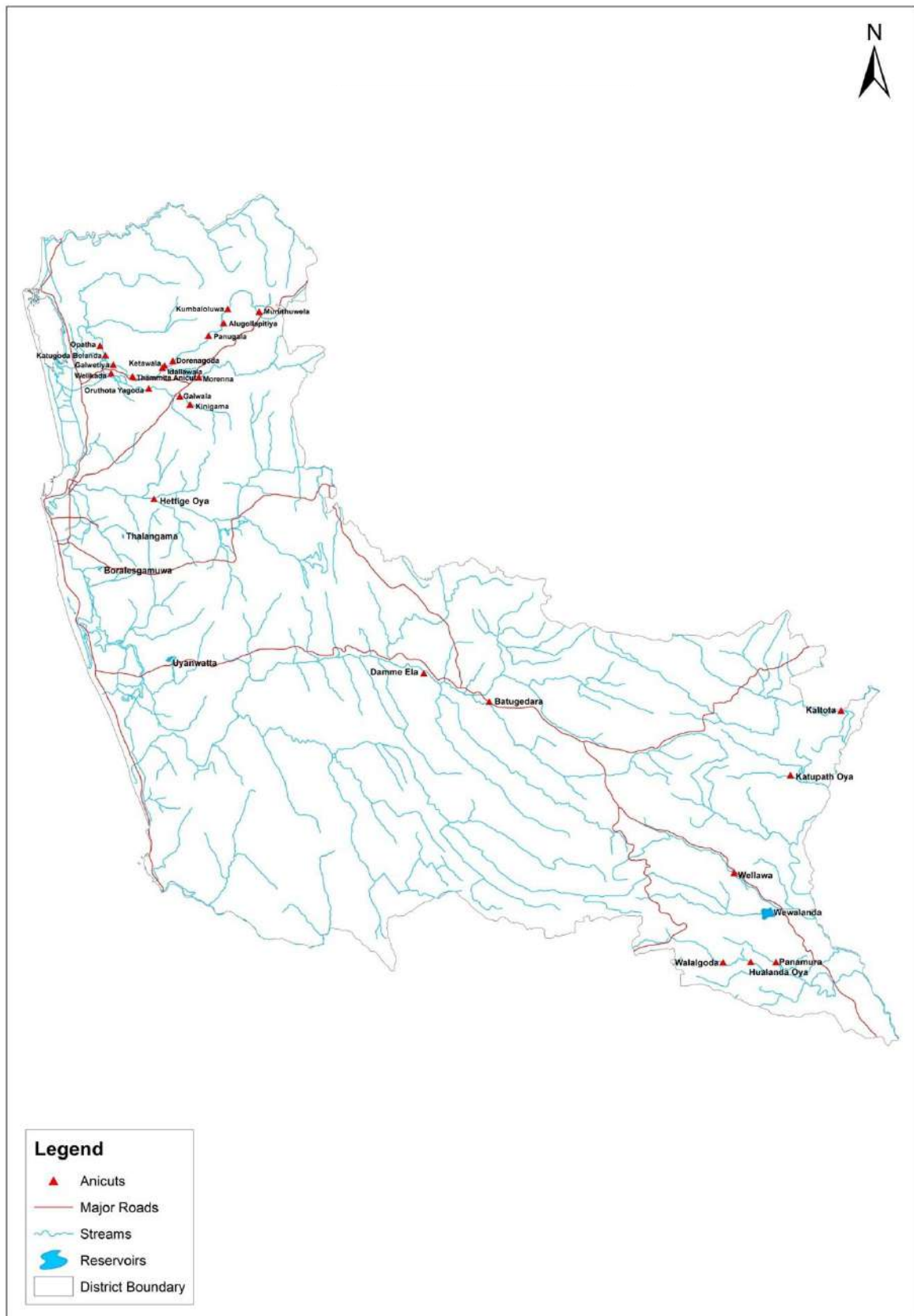


Figure 11-56: Scheme Map of Colombo Region

### **11.5.1 Introduction**

Colombo Region covers five administrative districts, Colombo, Gampaha, Kaluthara, Rathnapura, and Kegalle. One of the main responsibilities of the region is providing irrigation facilities to fifteen thousands of acres under major and medium Irrigation Schemes. The three major rivers, Kelani, Kalu, and Attanagaluoya which are vulnerable to floods are located in this region. Flood management of these three river basins by operation and maintenance of two major and five minor flood protection schemes is the other main responsibility.

### **11.5.2 Divisions come under the Region**

#### **Colombo Division**

This division has the responsibility of Protecting Colombo City and Suburbs from floods. There are four major flood protection Bunds, South Bund (5.4 km), North Bund (8 km), Gothatuwa Bund (0.8 km) and Wattala Bund (0.4 km). The minor flood protection scheme consists of 25 Minor Flood Protection structures with gates and minor flood protection bunds at the left bank of Kelani River in addition to the three Gravity Irrigation Schemes having an irrigable area of more than 865 ha.

#### **Gampaha Division**

Gampaha division covers the whole medium irrigation schemes in Gampaha district. Irrigation water is provided by 14 number of anicut along Attanagalu Oya for 7,380 acres of land to cultivate both Yala and Maha seasons without facing severe water scarcity. In addition to above, there are 20 Minor Flood Protection (MFP structures) schemes in Kelani Ganga RB side. The operation works during flood season and maintenance works are done regularly.

#### **Kaluthara Division**

Kaluthara division is responsible for the operation and maintenance of major and minor flood protection schemes in Kalu River (Right bank and Left bank), Dummalamodara, Kaluwamodara Bologoda schemes and drainage and Salt Water Extrusion schemes in Benthara Ganga Right Bank (Meegama and Ittapana section). In addition, Uyanwatta Tank provides irrigation facilities for 142 ha of land to cultivate both yala and maha season.

#### **Rathnapura Division**

Irrigational works of the Ratnapura District and part of Kegalle District (Yatyanthota, Dehiowita, Deraniyagala and Bulathkohupitiya Divisional Secretariat Division) are covered by this Division. There are nine Irrigation schemes in Ratnapura District namely Kaltota, Katupath Oya, Wellawa, Hulanda Oya, Walalgoda, Panamura, Damme Ela, Batugedara and Wewelanda Scheme. All the above schemes are Anicut schemes except the Wawelanda tank.

### 11.5.3 Details of the Irrigation Schemes under the Region

Table 11-39: Details of the Irrigation Schemes under the Region

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the sluice (MCM)	
				Maha	Yala	Maha	Yala
Colombo	Borelesgamuwa	0.177	94	44.52	44.52	*	*
	Thalangama	0.062	83	58.68	58.68	*	*
	HettigeOya	Drainage	688	546.33	210.44	**	**
Rathnapura	Kalthota	Anicut	915	915	915		
	Katuppathoya	Anicut	404	405	405		
	Panamura	86	456	456	456		
	Walalgoda	Anicut	223	190	190		
	Hulandaoya	Anicut	99	89	89		
	Wellawa	Anicut	139	135	135		
	Batugedra	Anicut	87	30	30		
	Damme Ela	Anicut	144	76	76		
	Wewelanda	1.28	103	18	18		
Kaluthara	Uyanwatta wewa	454.00	142	77	90	0.123	0.148
	Benthara RB		830	91	110	*	*
	Kaluwamodara	SWE and Drainage & flood protection schemes	607	-	-		
	Bolgoda		982	-	-		
	Kaluganga LB		620	-	-		
	Kaluganga RB		610	-	-		
	Dummalamodara		648	-	-		
Gampaha	Moranna	Anicut	325	325	325		
	Ketawela	Anicut	396	396	396		
	Tammita	Anicut	111	111	111		
	Galwatiya	Anicut	97	97	97		
	Bolanda	Anicut	25	25	25		
	Opatha	Anicut	45	45	45		
	Muruhawela	Anicut	229	229	229		
	Kubaloluwa	Anicut	174	174	174		
	Alugollapitiya	Anicut	235	235	235		
	Panugala	Anicut	81	81	81		
	Bemmulla Doranagoda	Anicut	65	65	65		
	Idallawela	Anicut	120	120	120		
	Kinigama	Anicut	389	389	389		
	Oruthota	Anicut	290	290	290		
Welikada	Anicut	407	407	407			

\*Tank is spilling most of the time. Spill tail canal connects with main canals. Water is issued from sluice whenever necessary.

\*\* Drainage scheme

#### 11.5.4 Major Works completed during the year

##### a. Kelani Bund Protection Project

This Project is planned for rehabilitation of existing Kelani North Major flood bund, Kelani LB, and RB Minor flood protection schemes (flood bunds and structures). The total cost of the project is Rs. 1000 Mn. Bund profile was improved at three locations by placing Reno mattress rip rap. Sheet piles were driven at the eroded section at Pethiyagoda. In addition, some improvements were done for minor flood protection schemes in North bund such as Pollattawala flood bund, Construction of Suduwila MFP structure etc. The project is implemented by the Divisional Irrigation Engineer Colombo and coordinate by the Drainage and Flood System division.

The following are the items carried out during 2021.

- 1 Driving sheet piles in breached section at Pethiyagoda from 1639 to 1678m (stage i)
- 2 Improvements to Kelani North bund at 4500m to 5000m
- 3 Improvements to Pollaththawela flood bund from 0+285 to 0+375
- 4 Improvements to Kelani North bund from 2540m to 2915m
- 5 Improvements to Kelani North bund from 2990m to 3850m
- 6 Improvements to Kelani North bund from 2+915to 2+990



Figure 11-58: Improvements to Kelani North Bund (2+990 3+850 m)



Figure 11-57: Driving Sheet piles at stage (1+678-1+718m)

##### b. Essential Rehabilitation of Major and Medium Irrigation Scheme (ERMMIS) works

The followings are the major works completed in the region during year 2021.

###### Rathnapura Division

There are ten construction items had proposed under the ERMMIS vote during 2021. Totally Rs.11,667,474.50 allocation released for these works and Rs 11,175,220.35 expended with 100% physical progress.

- Construction of 185m long canal lining at 0+035km in Field Canal, Munwathuyaya at R.B. side in Panamura Scheme. Estimated Cost Rs 1,599,850.00.
- Construction of 40m long Retaining wall at 2+206km in L.B. side in Panamura Scheme. Estimated cost Rs 699,000.00.
- Construction of 15m long Retaining wall at 1+810km in R.B. side in Panamura Scheme. Estimated cost Rs.263,000.00
- Construction of Wewelanda FC 1 From 0+000km to 0+300 km in RB Main Canal of Wewelanda Scheme. Estimated cost Rs. 5,220,000
- Construction of Katupathoya main canal D - 4 area in Katupathoya Scheme stage 1 in Ratnapura Division. Estimated cost Rs. 1,450,000.00.
- Construction of 120m long lining at 0+950km in Munwathuyaya LB main canal at Panamura Scheme. Estimated cost Rs.1,872,000.
- Construction of 20m long Retaining wall at 0+ 072km in Munhenthenna Scheme. Estimated cost Rs. 165,400.00.
- Construction of 80m long Retaining wall at Rb main canal from 1+720 km to 1+800 km (Infront of the Panamura School in Panamura Scheme. Estimated cost Rs. 1,046,000.00.
- Improvements to Canal section of Over the Existing Drainage undercrossing Structure at 8+500 km In RB Main canal in Kaltota Scheme. Estimated cost Rs 1,339,500.00.
- Improvements to CPO 03 From 0+640 km 0+861 km at RB main Canal (Puranagama ) in Kaltota Scheme. Estimated cost Rs 3,163,000.00.

#### **Kaluthara Division**

- Improvements to Drainage canal no.01 (Digapatha ela) from 0+000-0+860 Uyanwatta scheme
- Improvements to Kamathmaduwa canal from 0+000- 1+300
- Improvements to Hangiliya Ganga (0+000-1+700) in Bolgoda Scheme

#### **Gampaha Division**

- Replacing 05 nos. of new steel gates (1,2,4 in left side & 1,2 in right side) in Ketawala anicut
- Construction of concrete canal lining for first branch of RBMC from 0+200 to 0+367 in Idallawela scheme
- Boulder packing of U/S of causeway at 1+650 of Uruwal Oya at Bogahapitiya anicut in Welikada scheme (under FDR vote)



Figure 11-59: Concrete Canal lining for first branch of RBMC from 0+200 to 0+367 – Idallawala Scheme



Figure 11-60: Boulder packing of U/S of causeway at 1+650 at Bogahapitiya anicut in Welikada scheme

### 11.5.5 Divisional wise Allocation Distribution

Table 11-40: Divisional wise allocation distribution

Vote No / Description	Allocation (Rs.) '000					
	DI's Office	Colombo	Gampaha	Kalutara	Rathnapura	Total
Departmental Votes						
Maintenance and Improvements to Buildings 282-2-2-0-2001-11-1	10,112	-	429	150	-	10,691
Operation and Maintenance of Gravity Irrigation Works (wages) 282-2-2-0-2001-11-2	-	234	297	192	433	1,157
Maintenance of Departmental Roads in Irrigation Schemes 282-2-2-0-2001-11-5	-	1,472	144	-	1852	3468
Flood Damage repairs and other repairs due to natural Disasters 282-2-2-0-2001-11-9	-	-	4,982	-	1,369	6,351
Management Supporting Facilities for O&M 282-2-2-0-2001-11-12	46	141	238	138	388	950
Gravity Irrigation works 282-2-2-1-2001-11-2	480	2,923	14,312	981	7,904	26,599
Essential Rehabilitation in selected Major Irrigation Schemes 282-2-2-4-2001-11	-	15,318	10,334	492	3,436	29,580
Surveying & Investigation of existing Schemes 282-2-2-0-2507-11-008-3	324	-	-	249	30	602
Recovery of Possession of safeguarding of Departmental lands and reservations 282-2-2-0-2001-11-11	-	-	-	535	138	673
Maintenance & Improvements of Department Circuit Bungalows 282-2-2-0-2001-11-15	-	-	-	-	836	836

Improvements to Major Irrigation Works 282-2-2-1-2001-11-3	-	-	-	-	357	357
“Wari Saubhagya” programme 282-2-4-51-2506-11	100	6,229	5,500	4,000	9,171	25,000
O & M Drainage & Flood Protection works 282-2-2-0-2001-11-4	100	10,996	5,121	8,485	-	24,702
Kelani River bund protection 282-2-3-23-2105-11	6,104	121,294	3,517	-	-	130,915
Flood Mitigation projects in Kelani Ganga Mundeni Aru basin, Kalu ganga basin, Nilwala ganga basin & Gin ganga 282-2-3-26-2105-11	-	3,122	-	8,670	-	11,822
Benthara ganga Right Bank Drainage & Salt Water Extrusion Scheme 282-2-4-50-2105-11	5,653	-	-	88,460	-	94,112
Farmer Organization Development and Farm Productivity & Profitability 282-2-2-0-2001-11-8	-	54	197	91	180	522
Purchase of O&M Machinery & Field Equipment 282-2-2-0-2103-11-5	-	2,600	-	-	-	2,600
Establishment & Improvements of Unit Offices 282-2-2-1-2001-11-1	-	-	900	-	1,853	2,753
Procurement of Field Equipment for maintenance works 282-2-2-1-2001-11-2	-	500	-	50	200	750
Additions & Improvements to existing Irrigation systems 282-2-2-1-2001-11-3	-	-	-	-	1,338	1,338
Activities related to water day 282-2-2-0-2503-11-6	-	21	-	-	-	21
Establishing River Profile in Major rivers 282-2-2-5-2105-11-2	280	8,035	-	6,074	-	14,388
Clean River Programme 282-2-2-5-2105-11-8	-	962	-	7,565	-	8526

River Basin Management 282-02-2-5-2105-11-9	-	248	92	-	101	441
Water Quality Monitoring 282-2-2-5-2105-11-7	-	150	-	-	-	150
Embankment Protection 282-2-2-5-2105-11-6	1,500	28,222	12,233	-	-	41,955
Elle wewa Reservoir Project 282-2-3-14-2506-11	-	-	-	-	1,967	1,967
Ministry & Other Votes						
“Gama Samaga Pillisadarak” Project 198-2-3-46-2506-11	-				12,500	12,500
Wari Saubhagya" programme 429-2-3-002-2506	752	33,813	8,916	16,035	23,763	83,479
Wari Saubhagya" programme 428-2-3-08-2506	100	4,900	-	-	-	5,000
Rehabilitation of Major Medium Irrigation schemes (Ministry Vote) 198-2-3-08-2506	323		2,137	300	2,760	
Clearing Drainage Canal system 198-2-3-08-2506	3,600	1,000	300	-	4,900	

## 11.5.6 Projects implemented under other source of funds

### a. Productivity Enhancement and Irrigation System Efficiency Improvement Project (PEISEIP)

This project has been implemented in Kalthota, Boralasgamuwa, Muruthawela and Ketawala schemes. The Total received allocation under this project was Rs.6,674,474.41 and part of this was received in November and December.

Table 11-41: Progress of work done

Work Description	Division	Total Allocation received (Rs)	Physical Progress (%)
Improvements to RBMC, LB bund road from 957m to 1446m	Colombo-Boralasgamuwa	1,072,902.64	100
Improvement stage 02 of the Muruthagaha canal from 1+124.1 to 1+171 Bingurahena anicut	Gampaha-Ketawala	1,101,571.77	100
Baklance work of Improvement stage 1 to D1 of 2 <sup>nd</sup> diversion LBMC from 0+260 to 0+423 canal to Kosowita.		1,032,192.45	100
Preparation of LB bund as a road in Hambaamuna RB main canal from 0+000 to 0+200	Gampaha-Muruthawela	433,442.08	100
supplying & fixing cast iron gates for Hambeamuna RBMC sluice gate		162,921.57	100
CPO 13/RMCB at Puranagama	Ratnapura-Kalthota	85,206.00	100
Improvements to D3 canal at RBMC		287,950.00	100
Improvements to FC 5/4/D2 in D1 Canal LBMC		94,324.00	100
Improvements to 0+300 in D2 of RBMC		1,059,724.10	100
Improvements to FC11/D3		326,650.10	100
Improvements to FC33		267,226.32	100
Improvements to FC34		609,753.41	100

### b. Rural Tank Development Project under Wari Saubhagya Programme

Table 11-42: Items under Colombo Division in Wari Saubhagya programme

No.	Name of the scheme	Estimated Cost (Rs.000')	Expenditure up to end of 2021 (Rs. 000')	Physical Progress %
1	Boralasgamuwa Tank	14,848	13,342	100
2	Thalangama LBMC at Thunmodra	5,338	4,749	100
3	Kosgaskamatha Anicut	1,956	1,684	100
4	Pallepitiya Anicut	741	622	100
5	Thalangama RBMC at Thunmodra	1,929	1,799	100
6	Wewekumbura Kuda Anicut	3,714	1,988	90
7	Lunethota/ Maguruwela Anicut	3,191	68	50
8	New Dahapela Anicut in Oruwala Pita Ela	918	341	50
9	Maththegoda Maha Wewa	3,671	9,480	85



Figure 11-61: Improvements to LB Spill tail canal



Figure 11-62: Improvements to Sluice Tower Borelasgamuwa Tank



Figure 11-63: Improvements of Kosgaskamatha Anicut

Table 11-43: Items under Rathnapura Division in Wari Saubhagya programme

No.	Name of the scheme	Estimated Cost (Rs. 000')	Expenditure up to end of 2021 (Rs. 000')	Physical Progress %
1	Batugedara Scheme	2,540	2,177	100
2	Karandaketiya M/C/6	1,826	1,398	100
3	Gal Amuna	1,530	605	100
4	Damme Ela	6,973	5,690	100
5	Diyapota Gal Amuna	1,967	1,537	100
6	Palanthiriya Anicut	967	16	100
7	Hoopitigala Amuna	658	22	100
8	Godakanda Anicut	1,265	1,088	100
9	Rukmale Anicut	2,146	2,127	100
10	Diulkandawala Wewa	1,059	881	100
11	Wakkumbura Tank (Surveying)	46	46	100
12	Athgala Wewa	3,114	2,829	100
13	Galboku Oya Wewa	6,197	2,902	60
14	Pothuwil Amuna	993	841	100
15	Maduwanwala Wewa	5,454	1,475	40
16	Katupath Oya MC 0-5.06	5,218	3,298	85
17	Katupath Oya MC 5.146-6.632	1,540	527	80
18	Desiyapotha tank	4,282	2,169	60
19	Manik Dola Anicut	3,619	192	25
20	Walawita	3,790	272	10



Figure 11-64: Construction of D canal in Batugedara Scheme



Figure 11-65: Construction Rukmale anicut



Figure 11-66: Construction Pothuwil anicut and main canal



Figure 11-67: Construction Palanthiriya Anicut



Figure 11-68: Before Construction Hopitigala Amuna, Rathnapura Division



Figure 11-69: After Construction Hopitigala Amuna, Rathnapura Division

Table 11-44: Items under Gampaha Division in Wari Saubhagya programme

No.	Name of the scheme	Estimated Cost (Rs. 000')	Expenditure up to end of 2021 (Rs. 000')	Physical Progress %
1	Dora Langa Amuna	1,360	1,305	100
2	Pathegama Tank	1,950	1,401	100
3	Weakumbura Anicut	488	369	100
4	Kaththota ovita anicut	805	446	100
5	Panugala Anicut	17,603	5,836	65
6	Punchimaeliya Anicut	14,075	1,036	15
7	Ketakela Anicut	1,557	652	80
8	Kumbal Oluwa Scheme	1,396	565	70
9	Daluggale Wewa	658	133	60



Figure 11-70: Improvements to Ketakala Amuna



Figure 11-71: Improvements to Kumbaloluwa Anicut

Table 11-45: Items under Gampaha Division in Wari Saubhagya programme

No.	Name of the scheme	Estimated Cost (Rs. 000')	Expenditure upto end of 2021 (Rs. 000')	Physical Progress %
1	Wewita Wewa	7,793	5,976	100
2	Galwella amuna Gate	1,140	1,140	100
3	Tirimani ela Anicut	1,330	1,221	100
4	Danwatta LB &RB Jungle Clearing	36	36	100
5	Kapu Ela Anicut	240	209	100
6	Narawila Gal Amuna	2,390	1,867	80
7	Panape Ela	5,968	1,080	50
8	Chamlipura Wewa	1,081	523	65
9	Bandara welyaya	896	348	50
10	Gorakagahawela Anicut	1,874	342	45
11	Bolabotuwa yaya	1,789	65	20
12	Construction of Anicut in Danwatta	17,777	8,046	25

### 11.5.7 “Wap Haula” Program

Table 11-46: “Wap Haula” Program

Nature of the Activity	Division			
	Rathnapura	Kaluthara	Colombo	Gampaha
Number of Schemes	9	6	3	14
1.1 Pre-Cultivation meeting	14	2		10
1.2 Cultivation Meeting	13	2	2	2
2.1 Conducting FO Election				
2.2 Conducting FO Annual General meetings				
2.3 Conducting PMC meetings	10	5		12
2.4 Preparation of FO Final Accounts	9			



Figure 11-72: Cultivation Meeting Bentharda RB scheme

Figure 11-73: PMC Meeting Uyanwatta scheme

### 11.5.8 Drinking water Extraction

Drinking water Extraction is being done from Aththanagalu oya, Kelani River and Kalu Ganga by National Water Supply and Drainage Board. Water extraction details are mentioned below.

Table 11-47: Drinking water Extraction

Water Supply Scheme	Reservoir	Extracted Amount	
		m <sup>3</sup> per Day	Annual MCM
Weediyawaththa (Yakkala) - Gampaha	Aththanagalu oya	7,500	2.7375
Mangalathiriya – Gampaha	Aththanagalu oya	7,500	2.7375
Ranpokunugama – Gampaha	Aththanagalu oya	10,000	3.650
Ambathale – Colombo	Kelani River	55,000	20.075
Biyagama – Colombo	Kelani River	180,000	65.7
Pugoda – Colombo	Kelani River	9,000	3.285
Awissawella – Colombo	Kelani River	12,000	4.38
Kurugammodara - Ratnapura	Kalu Ganga	3,300	1.205
AtigalaMawatha - Ratnapura	Kalu Ganga	13,200	4.818
Kuttapitiya - Ratnapura	Kirindiella	5,500	2.008
Weliharanawa - Ratnapura	Walawe Ganga	7,700	2.811
Doloswala - Ratnapura	Hangamuwa Ganga	5,500	2.008
Koswatta- Ratnapura	Koswatta Ganga	5,500	2.008
Dandeniya - Ratnapura	Way Ganga	5,500	2.008
Puwakwatta - Ratnapura	Kuru Ganga	11,000	4.015

### 11.5.9 Staff Position

Table 11-48: Staff position of the region

Designation	Director of Irrigation Office		Divisional Irrigation Engineer's Office							
	Approved	Actual	Colombo		Gampaha		Kaluthara		Rathnapura	
			Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1	-	-	-	-	-	-	-	-
Chief Engineer	1	1								
Engineer	4	4	1	1	1	1	1	1	1	1
Accountant	1	1								
Admin. Officer	1	1(Act)								
DOA	1	1								
Divisional Assistant		1(Act.)	1	1	1	1	1	1(Act)	1	1
Development Officer	1	-	4	1	5	3	4	3	2	2
Draughtsman	5	2+1 (Co-up+1* (Department))	3	2	3	3	3	2	3	2
Engineering Assistant	-	-	9	7	8	9	9	6	9	8
Management service officer	14	10+4* (Cov. up)	6	3	5	6	6	4	6	6
Dept. Clerk										

Store Keeper	1		1	1	1	1	1	1	1	1
Technical Aide (Irrigation)			8	6	6	5	6	3	6	8
Field Assistant						1	1	1		
Driver	3	3+1 ( සහන විශේෂඥයා)		3	3	4	3	3	3	4
Operator	6	-	-		-	2	3	1	-	2
Tractor Operator	5	-	-	1	-	1		1	-	1
O & M Labourer		2	8		8	13	6	8	6	8
A/C Operator			1							
Mason	2									
Carpenter	2									
Store Assistant	1	1	1	-	1	2	1	1	1	1
Drawing Office Helper	1	-	-	-	-	-	-	-	-	-
C.B. Keeper										1
KKS	4	1	1	-	1	1	1	1	1	3
Labourer 25/2014			13	13	-	18	-	8	-	2
Painter, Welder, Electrician	3									
Field Watcher	2	-	1	1	1	1	1	1	1	1
Lab Aide		1								
<b>Total</b>		<b>34</b>		<b>40</b>		<b>72</b>		<b>47</b>		<b>52</b>



## 11.6 Galle Region

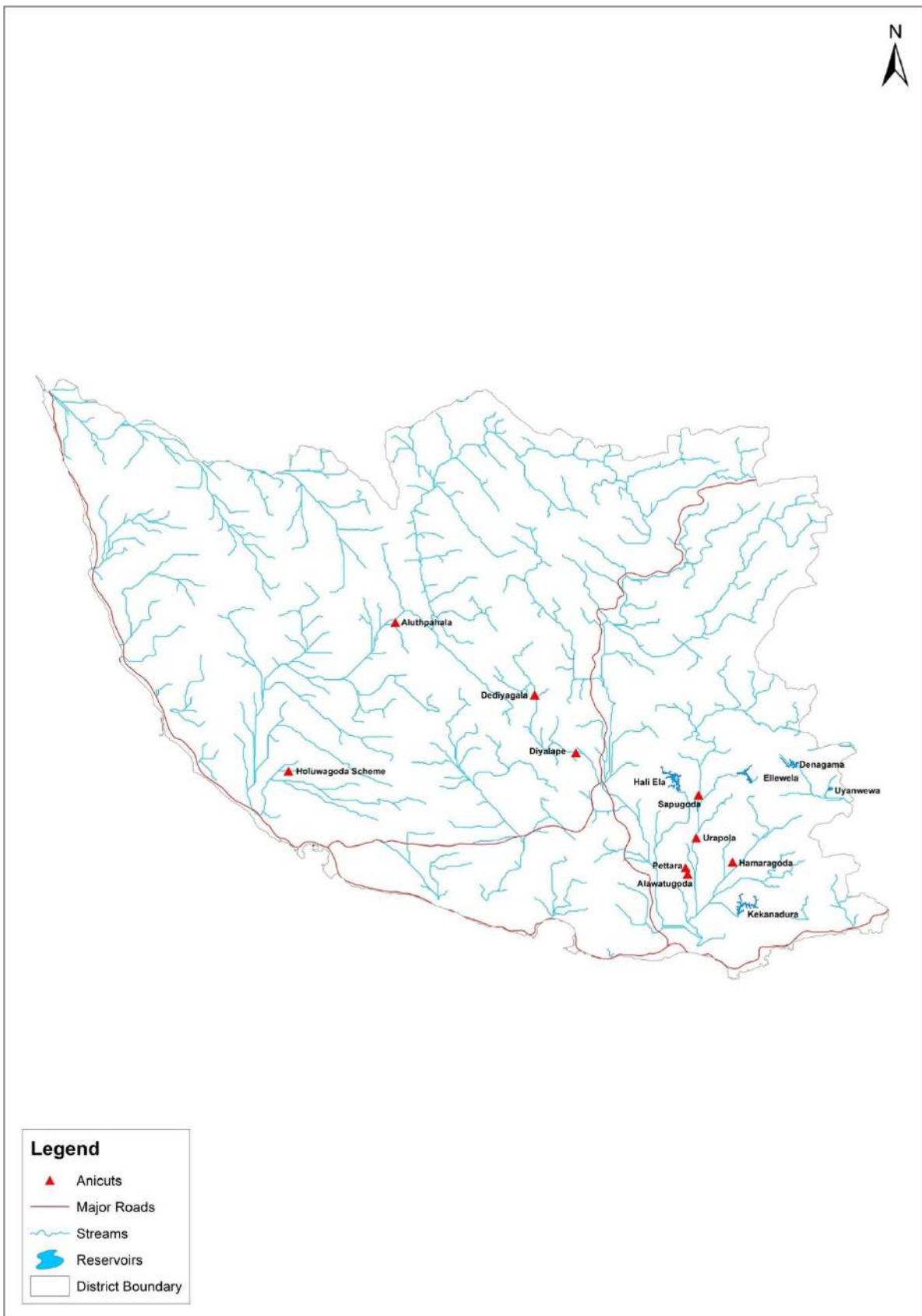


Figure 11-74: Scheme Map of Galle Region

### 11.6.1 Introduction

Galle Region is responsible in attending operation and maintenance of 14 gravity irrigation schemes and 20 drainage schemes in Galle and Matara districts. Nilwala Ganga and Gin ganga are the major rivers passing through the area to the sea. Flood control is the main role of this region. There are 3 Divisional Irrigation Engineer's offices Matara, Ginganga and Ambalangoda and one regional workshop, Halpatota under this region.

### 11.6.2 Divisions come under the Region

There are three divisions come under the Region as,

- Matara Division
- Ginganga Division
- Ambalangoda Division

### 11.6.3 Details of Irrigation Schemes under the Region

Table 11-49: Details of Irrigation schemes under the region

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the Sluice (MCM)	
				Maha	Yala	Maha	Yala
Matara	Uyanwewa	0.22	98	98	98	0.07	0.06
	Denagama	1.29	343	343	343	0.86	0.91
	Kekanadura	2.87	445	182	182	2.27	2.15
	Hali Ela	3.79	100	100	100	0.36	0.40
	Ellewela	1.05	528	528	528	0.93	1.13
	Sapugoda	Anicut	125	125	125	-	-
	Kiralakale	Drainage	2,024	530	850	-	-
	Kadawadduwa	Drainage	2,024	1,822	1,822	-	-
	Hamaragoda	Anicut	144	144	144	-	-
	Dediyagala	Anicut	142	105	105	-	-
	Diyalaphe	Anicut	283	182	182	-	-
	Alawathugoda	Anicut	136	136	136	-	-
	Pettara	Anicut	317	317	317	-	-
	Urapola	Anicut	627	627	627	-	-
	Kadduwa	Drainage	526	486	486	-	-
	Akuressa	Lift	486	486	486	-	-
Ginganga	Kiribathawila	Drainage	133	39	18	-	-
	Halpatota	Drainage	83	16	20	-	-
	Mahimulla	Drainage	149	25	41	-	-
	Divitura	Drainage	153	77	65	-	-
	Hammaliya	Drainage	44	15	16	-	-
	Ganegama	Drainage	135	70	39	-	-

	Agaliya	Drainage	73	34	10	-	-
	Akuratiya	Drainage	43	22	20	-	-
	Idigasketiya	Drainage	320	205	227	-	-
	Hegoda	Drainage	675	423	668	-	-
	Holuwagoda	Anicut	720	249	284	-	-
Ambalangoda	Rantotuwila	Drainage	850	229	229	-	-
	Dedduwa	Drainage	810	134	216	-	-
	Uthurupitigala	Drainage	103	62	80	-	-
	Uhanovita	Drainage	101	99	101	-	-
	Aluthpahalakepu Ela	-	194	43	106	-	-
	Uragas Ela	Drainage	356	64	98	-	-
	Elpitiya Ela	Drainage	1,514	2,009	2,009		

#### 11.6.4 Special Achievement

Galle Region won National Productivity Award (Public sector) two places during the year 2021. The 2<sup>nd</sup> and 3<sup>rd</sup> place won by Mechanical workshop, Halpatota and Director of Irrigation Office, Galle respectively.

#### 11.6.5 Major Works completed during the year

##### Rehabilitation of Ginganga Regulation Project

There are 10 number of pump houses (Kiribathawila, Mehimulla, Hegoda, Akuratiya, Divithura, Agalliya, Indigasketiya, Hammeliya, Ganagama, Halpatota) in Ginganga flood regulation project. All the pump houses were improved under this project and the project was implemented by Divisional Irrigation Engineer Ginganga under the supervision of Drainage and Flood System branch. Following are the items completed under this project.

- Replacing 30 number of 155kW pump, 7 number of 55kW pumps and 37 motors
  - Replacing panel boards
  - Replacing all the gates of 3 types (working gates, flood gates, service gates)
  - Replacing trash racks
  - Improvements to pump house buildings and other civil works
- Supplying spare parts for already installed pumps
  - Construction of Operator's room, fence around premises and entrance gate for all pump houses
- Replacing roof of pump house building and electricity wiring system
- Fixing aluminum doors and windows and painting all pump house buildings.
- Desilting of inlet basin and repairing of inlet and outlet Basins
- Painting of pump house buildings
- Supplying and fixing name board

All the work under this project were completed successfully at the end of year 2021.

### 11.6.6 Divisional wise Allocation Distribution

Table 11-50: Divisional wise Allocation Distribution

Vote No. & Description	Allocation (Rs.) '000					
	DI Office	Matara	Ginganga	Ambalangoda	Workshop Halpatota	Total
Departmental Votes						
O&M of Drainage and Flood Protection Works 282-2-2-0-2001-11-4	130	11,812	11,953	11,859	1,730	37,484
Flood Mitigation Projects in Kelaniganga, Mundeni aru basin, Kaluganga basin, Nilwala gang basin & Ginganga 282-2-3-26-2105-11	2,009	49,954	6,192	-	28,101	86,256
Wari Saubagya Flood Mitigation 282-02-03-26-2105-11	-	1,172	-	-	-	1,172
Management Support0ing Facilities for O&M 282-2-2-0-2001-11-12	-	175	200	150	150	675
Gravity Irrigation Works 282-2-2-1-2001-11-2	1,173	16,207	2,604	1,467	-	21,451
Rehabilitation of Ginganga Regulation Project 282-2-2-4-49-2105-11	-	-	29,483	-	23,547	53,030
Embankment protection 282-2-2-5-2105-11-6	-	-	-	200	-	200
Improvements to vehicles 282-1-1-0-2003-11	-	215	-	-	3,710	3,925
Flood Damage Repairs & Other Damage Repairs due to Disasters 282-2-2-0-2001-11-10	-	655	9,461	-	-	10,116
Maintenance of Departmental Roads in Irrigation Schemes 282-2-2-0-2001-11-5	-	858	-	-	-	858

Recovery Possession and Safeguarding of Departmental Land Reservations 282-2-2-0-2001-11-11	3,423	-	262	-	-	3,685
ERRIMIS 282-2-2-4-2001-11-1	-	3,020	1,203	3,114	6,716	14,053
O & M Gravity Irrigation Works (Wages) 282-2-2-0-2001-11-2	50	125	150	125	-	450
Improvement to Mechanical Workshops 282-2-2-0-2001-11-17	-	-	700	-	-	700
Computerization and Networking of the Irrigation Department to enhance and upgrade the Engineering and Management Process 282-2-2-2507-11-010-1	-	-	-	-	138	138
Maintenance & Improvements of Department Circuits 282-2-2-0-2001-11-15	-	200	300	-	-	500
Purchase of furniture & Office Equipment 282-2-2-0-2102-11	-	-	-	-	216	216
Additions and Improvements to existing Irrigation Works 282-2-2-1-2001-11-4	-	-	-	-	15	15
Electrical / Electromechanical Installation 282-2-2-0-2001-11-7	-	-	-	-	329	329
Establishment & Improvements Unit Offices 282-2-2-1-2001-11-1	-	1,704	200	800	3,300	6,004
Improvements to Head Works of Tanks for Additional Safety 282-2-2-0-2001-11-10	-	-	-	-	1,151	1,151
FOD & Farm Productivity & Profitability 282-2-2-0-2001-11-8	-	236	220	138	-	594
Plant Machinery & Equipment 282-2-2-0-2002-11-1	-	330	-	-	10,315	10,645
Repairs to Vehicles 282-2-2-0-2003-11	-	140	-	-	3,542	3,682
River Basin Management 282-2-2-5-2105-11-9	-	587	930	-	-	1,517

Embankment protection 282-2-2-5-2105-11-6	-	800	-	-	-	800
Welfare Facilities 282-2-2-2503-11-4	-	-	-	-	-	-
Water Quality Monitoring 282-2-2-5-2105-11-7	-	155	130	95	-	380
Establishment of New Hydrological gauging station 282-2-2-5-2105-11-3	-	2,500	-	-	-	2,500
Training at Galgamuwa ITI, Kotmale, Regional & Zones 282-2-2-0-2401-11-1	22	-	-	-	-	22
Community Awareness 282-2-2-5-2105-11-5	220	10	-	-	-	230
Purchase of O&M Machinery & Field Equipment 282-2-2-0-2103-11-5	1,000	-	-	-	-	1,000
Improvements to Major Irrigation works 282-2-2-1-2001-3	-	614	111	-	-	725
<b>Ministry &amp; Other Votes</b>						
Infrastructure Development (RMMIS) 198-2-3-8-2506	-	2,550	5,176	-	3,300	11,026
Gin Nilwala 198-02-03-18-2506	40,000	-	-	-	-	40,000
Establishing river profile in major river 280-2-5-2105-11-2	250	8,500	16,800	1,115	-	26,665
Nilwala Eliya 198-2-3-48-2506-11	16,107	-	-	-	-	16,107
Department agriculture rate 285-2-2-8-2507	11,200	-	-	-	-	11,200
State ministry 411-2-3-7-2506	691	-	-	-	-	691

## 11.6.7 Projects implemented under other source of funds

### a. PEISEIP

Table 11-51: Progress of work under PEISEIP

Division	Scheme	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress
Matara	Kekanadura	1,998,000.00	1,998,000.00	Received Allocation for the settlement of liabilities only
Matara	Diyalape	767,000.00	767,000.00	
Ginganga	Holuwagoda	450,000.00	428,000.00	

### b. Wari Saubhagya



Figure 11-75: Indurumulla Anicut-Kadduwa, Matara



Figure 11-76: Muruthawatta Regulator 01



Figure 11-77: Pahalabovitiya Anicut, Hakmana



Figure 11-78: Hiriliyadda Anicut, Matara



Figure 11-79: Adadola Anicut, Akuressa, Matara



Figure 11-80: Jayakkare Anicut Kirinda

### 11.6.8 “Wap Haula” Program

Table 11-52: “Wap Haula” Program

Nature of the Activity	Division		
	Matara	Ginganga	Ambalangoda
Number of Schemes			
1. Cultivation Meetings			
1.1 Pre Cultivation Meeting	18	22	-
1.2 Cultivation Meeting	20	3	12
2. Organization Activities			
2.1 Conducting PMC Meetings	20	15	-
2.4 Preparation of FO Final Accounts	-	-	-

### 11.6.9 Social Activities

There were 3 main activities completed during year 2021.

- Madawalamulla Temple were Cleaned on 16<sup>th</sup> February 2021 by the staff members of DI office Galle.
- The New Year Festival was held on 23<sup>rd</sup> April 2021 participating all staff and their families.
- An almsgiving was given by the staff of DI office Galle on 21<sup>st</sup> December to the elder’s home “Senehase Nawathana”



Figure 11-81: New year festival



Figure 11-82: An almsgiving

### 11.6.10 Staff Position

Table 11-53: Staff Position of the region

Designation	Director of Irrigation Office		Divisional Irrigation Office						Workshop Halpatota		Chief Mechanical Engineers office	
			Matara		Ginganga		Ambalangoda					
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1										
Chief Engineer	1	1										
Chief Mechanical Engineer											1	1
Irrigation Engineer	4	2	1	1	1	1	1	1				
Mechanical Engineer									3	3		
Earth Resource Engineer		1										
Accountant	1	1										
Administrative Officer	1	1										
Institutional Development Officer	1	1										
Division Assistant			1	0	1	0	1	0				
Engineering Assistant		1	9	11	9	11	6	8				
Development Officer	1	5	5	6	1	1	1	1	1	3	1	1
Development Assistant												
Management Assistant	14	14	6	6	6	6	6	6	4	5		
Draughtsman	5	3	3	2	3	2	3	1				
Mechanical Forman									3	1		
Forman												
Storekeeper			1	1	1	0	1	1	2			
K. K. S.	2	2	1	3	1	1	1	1	2	1	1	1
Driver	4	4	3	5	3	3	3	2	3	5	1	1

Operator	11			3		1		1		1		
Technician												
Technical Aide			10	10	10	9	8	7	3	2		
Tractor Operator	5		1					2				
Labor	5			49		16		16		6		1
Machine Operator						1						
Pump Operator			8	7	18	2						
Mason	1				1							
Carpenter	1					1						
Maintenance Labourer			16	9	16	20	13	1		3		
Mechanic				1					10	3		
Circuit Keeper	1	1	1	1								
Field Watcher	2		1	1	1		1		1	1		
Welder									3	2		
Greaser									2			
Leath man									1			
Machiner									1	1		
Blacksmith									1	1		
Fitter									3	2		
Store Aid			1		1		1		2			
Cleaner, Helper	1								2			
Electrician									2			
Tinker									3			
Pinter									2			
Plan Printer/Helper	1											

## 11.7 Hambantota Region

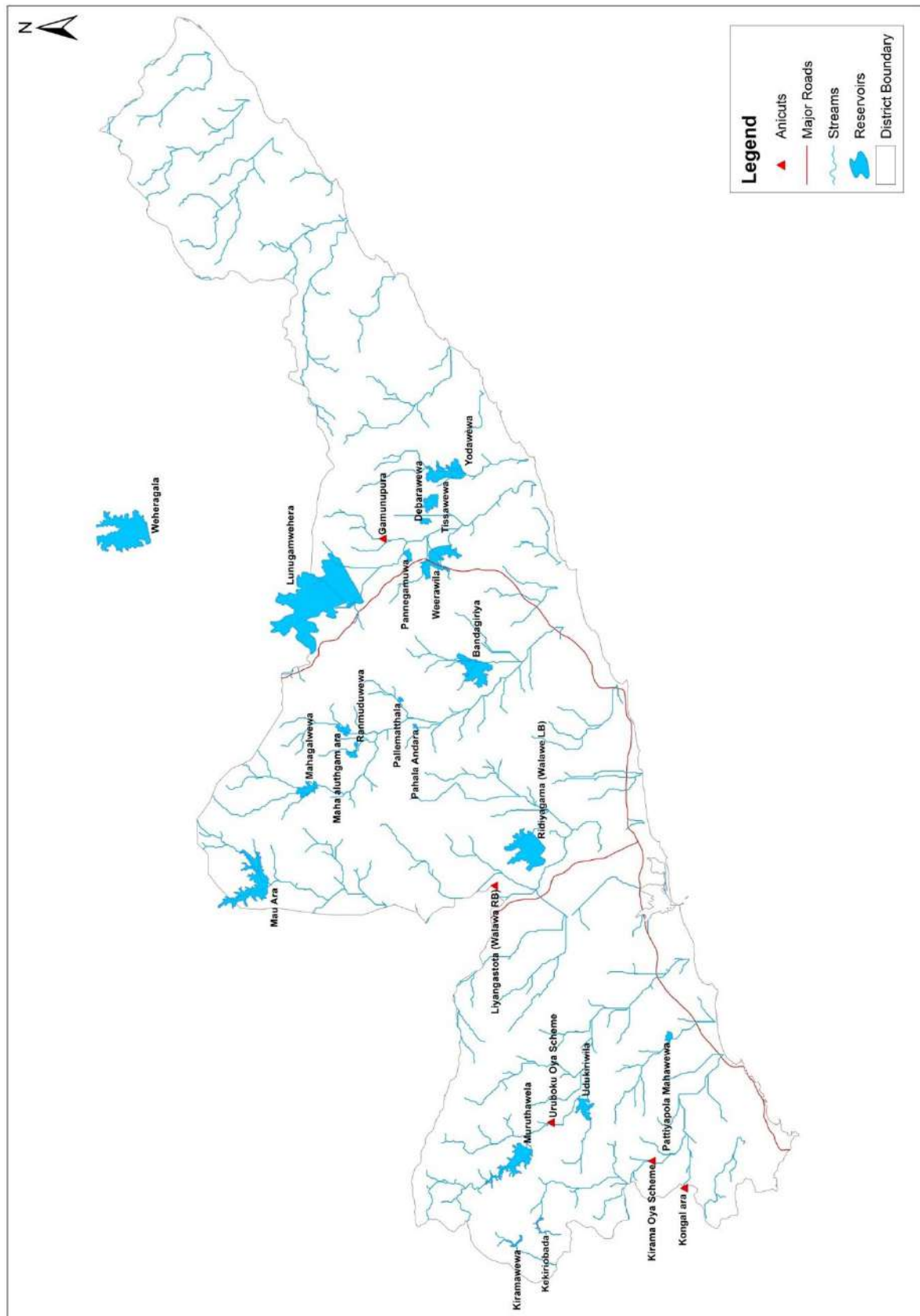


Figure 11-83: Scheme Map of Hambantota Region

### 11.7.1 Introduction

There are several major rivers as Walawa, Kirindi Oya, Menik ganga, Uruboku Oya, Kirama Oya are flowing to see passing the Hambantota district. The area is very much suitable for cultivation due to the development of water resources from the ancient period. Irrigation Department plays a great role in the district.

### 11.7.2 Divisions come under the Region

There are three divisions come under the Region as,

- Hambantota Division
- Tissamaharama Division
- Weeraketiya Division

### 11.7.3 The Details of the Irrigation Schemes

Table 11-54: Details of the Irrigation Schemes under the Region

Division	Scheme	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the sluice (MCM)	
				Maha	Yala	Maha	Yala
Tissamaharama	Bandagiriya	11.16	668	708	708	15.90	9.23
	Debarawewa	0.96	382	382	382	5.54	5.06
	Gemunupura	-	97	101	101	-	-
	Lunugamwehera	226.70	5,430	5,431	5,431	57.90	87.28
	Pannegamuwa	1.23	221	221	221	-	-
	Tissawewa	4.33	1,113	1,113	1,113	4.87	5.23
	Weerawila wewa	14.37	935	935	935	8.90	12.30
	Yodawewa	10.33	1,298	1,298	1,298	5.02	8.55
	Veheragala	75.24	-	-	-	53.00	60.16
Hambantota	Mahaaluthgam Ara	2.10	223	223	223	-	-
	Mahagal wewa	3.40	162	162	162	-	-
	Mau Ara	40.99	297	-	2,024	13.62	18.00
	Pahala Andara wewa	1.66	97	98	98	-	-
	Pallemattala Wewa	1.26	134	134	134	-	-
	Ranmuduwewa	0.80	81	80	80	-	-
	Walawe LB(Ridiyagama)	31.56	3,439	3,440	3,440	60.90	50.72
	Walawe RB	-	3,261	3,265	3,265	-	-
	Minor Tanks 1	-	-	680	680	-	-
	Minor Tanks 2	-	-	397	397	-	-

<b>Weeraketiya</b>	Kirama Oya+ (Kekiriobada Wewa)	3.95		2,127	2,127	-	-
	Kongal Ara	-	2,610			-	-
	Muruthawela	47.95	1,821	1,709	1,709	49.50	30.97
	Urubokuoya	-	2,566	2,449	2,449	-	-

**Minor tanks 1:** Maha Indiwewa, Bogala Indi wewa, Kudaindiwewa, Malasnagala, Hodi pirunu wewa, weherapelessa wewa, Pahala Kumbuk wewa

**Minor Tanks 2:** Gonnoruwawewa, Mahahadilla wewa, Udanawewa, Panwewa, Depthige wewa, Weerasinghe wewa, Kusumsiriwewa, Kepuwattha wewa, Arigebemma wewa, Mahahadilla Anicat, Weeriyawewa.

#### 11.7.4 Major Works completed during the year

##### a. Menik ganga reservoir project (Weheragala) Balance works

The project is implemented through Major Construction branch. Estimates worth of 30 million were prepared for canal system rehabilitation works and expenditure at the end of the year was 23,447,880.00. the project was completed in 2021.

##### b. Kochchipathana Feeder canal

This project was implemented through Regional Development branch. It is proposed to construct a feeder canal from Detagamuwa tank to Kochchipathana tank under this project. Canal structures have to be constructed and 0.57 million worth of estimates were prepared and Rs. 11,812,000.00 allocations were received.

### 11.7.5 Divisional wise Allocation Distribution

Table 11-55: Divisional wise allocation distribution

Vote No. / Description	Allocation (Rs.'000)					Total
	DI Office	Tissamaharama	Hambantota	Weerakatiya	Lunugamwehra Workshop	
Departmental Votes						
O&M Gravity Works 282-2-2-0-2001-11-2	532	20,400	14,798	12,732	-	48,462
O&M Gravity Works (Wages) 282-2-2-0-2001-11-2	-	150	154	150	-	454
Management Supporting Facilities for O&M 282-2-2-0-2001-11-12	22	150	156	150	75	553
Maintenance & Improvements of Department Circuits Bungalows 282-2-2-0-2001-11-15	-	650	320	30	-	1,000
Maintenance & Improvements to Buildings 282-2-2-0-2001-11-1	-	1,029	1,044	533	-	2,606
Maintenance of Department Roads 282-2-2-0-2001-11-5	-	617	1,430	1,453	-	3,500
Flood Damage Repairs & other repairs due to natural Disasters 282-2-2-0-2001-11-9	-	6,807	6,890	2,503	-	16,200
Improvements to Major Irrigation Works 282-2-2-1-2001-11-3	-	-	1,477	-	-	1,477
ERMMIS 282-2-2-4.2001-11-1	1,338	20,338	44,815	7,214	1,027	74,732
Improvements to spill tail canal and drainage system in the irrigation scheme 282-2-2-0-2001-11-16	-	4,432	-	1,040	-	5,472

Improvements to feeder canals 282-2-2-0-2001-11-19		1,202				1,202
Improvements to Head works of tanks for addl. Safety 282-2-2-0-2001-11-10				1,170	3,650	4,820
Farmer Organization Development & Farm Productivity & profitability 282-2-2-0-2001-11-8			89	41		130
Establishment & Improvements to Unit Office 282-2-2-1-2001-11-1		2,000	2,000			4,000
Additions and Improvements to Existing Irrigation Works 282-2-2-1-2001-11-4				538		538
Remedial measure to safeguard crops during emergency situations 282-2-2-0-2001-11-13		200	76			276
Plant, Machinery & Equipment 282-2-2-0-2002-11-1					5,653	5,653
Vehicles 282-2-2-0-2003-11					2,822	2,822
Vehicles 282-1-1-0-2003-11					1,706	1,706
Feasibility Studies for Major, Medium Irrigation Project 282-02-02-0-2507-11-008-01		756		195		951
O&M of Lift & Micro Irrigation Works 282-2-2-0-2001-11-3				1,500		1,500
Land & Legal Matters 282-2-2-0-2503-11-5				1		1
Community Awareness 282-2-2-5-2105-11-5				350		350
Embankment Protection 282-2-2-5-2105-11-6			10,794	9,448		20,242
Water quality monitoring 282-2-2-5-2105-11-3-7		33	71	44		148
Improvements & maintenance of Hydrological gauging stations 282-2-2-0-2001-18		4				4

Electrical & electromechanical installation 282-2-2-0-2001-11-7					904	904
Maintenance and Improvements to model farm 282-2-2-0-2001-11-20		300	2,296			2,596
Purchases of O&M Machinery & field equipment 282-2-2-0-2103-11-5	1,500				420	1,920
Purchase of Equipment for mechanical workshop 282-2-2-0-2103-11-6		289			650	939
O&M of Drainage & Flood Protection Works 282-2-2-0-2001-11-4			500			500
Protection of Upper catchment & Watershed management 282-2-2-0-2001-11-14			131			131
Welfare facilities 282-2-2-0-2503-11-4		25	25	25	25	100
"Wari Saubhagya" National programme for rehabilitation of Rural tanks and Anicuts 282-02-04-51-2506	100	20,535	16,525	18,030		55,190
Ministry & Other votes						
Repairs of RPM Quarters 198-2-3-0-2001		27				27
Clearing Drainage canal systems 198-2-3-8-2506			1,000			1,000
Department of Agriculture vote 285-02-02-08-2507			1,853			1,853
"Wari Saubhagya" National programme for rehabilitation of Rural tanks and Anicuts 429-02-03-002-2506	50	59,255	37,600	23,578		120,483
"Wari Saubhagya" National programme for rehabilitation of Rural tanks and Anicuts 428-02-03-08-2506(II)	200	37,915	12,850	10,150		61,115



Figure 11-84: Before and after improvements of Thalakanathayaya canal (0+914) to (1+040) in Kinchigune Anicut in Urubokuoya scheme



Figure 11-85: Improvements to Danketiya wewa under Wari Saubhagya Program



Figure 11-86: Construction of Water supply system for farm at Udukiriwila model farm



Figure 11-87: Before and during sand bagging in Katuwana, Uruboku Oya Scheme



Figure 11-88: Before and after construction of new spill gate at Debarawewa tank



Figure 11-89: Before and after Cut Opening the Bund, Removing Roots & Refiling Debarawewa Tank Bund From 0+696 - 0+804

### 11.7.6 Project implemented under other sources of funds

#### a. Productivity Enhancement and Irrigation System Efficiency Improvement Project (PEISEIP)

There are 4 schemes under 2 divisions have been selected to implement the project. Following table shows the distribution of allocation and the progress under the project for year 2021.

Table 11-56: Progress of work under PEISEIP

Division	Scheme	Allocation Rs.'000	Expenditure Rs.'000	Physical Progress
Hambantota	WRB	3,353	3,349	95%
	WLB	3,290	3,290	100%
Thissamaharama	Bandagiriya	1,056	951	95%
	Lunugamwehera	6,544	6,410	100%

## b. IWPIP

It is proposed to modernization irrigation schemes under the Kirindi Oya cascade system. A sample project of a buried pipe system is also proposed in Lunugamwehera scheme. Survey estimates for Yodhawewa HLMC, Lunugamwehera RBMC, and Weerawila were prepared for requesting allocation.

## c. IWWRMP

Several modernization and rehabilitation works are proposed for the Kirindi oya basin under this project. Engineering estimates for Yodhawewa, Debarawewa, Pannegamuwa, and Tissa wewa development works were sent to Head office for approval and the engineering estimate for Lunugamwehera bund rehabilitation was prepared.

## d. Wari Sawbhagya Programme

This project was created to rehabilitate irrigation components such as tank bunds, canal bunds, and irrigation roads for the improvement of irrigation system. This is an accelerated program created with the leadership of the Minister of Irrigation and fully funded by local funds and resources. The total estimation cost was Rs. 186,824,000.00 and the amount of Rs. 237,137,848.00 allocation was received. Progress of the work is 75 %. There were 43 activities started under the program for the year of 2021 and physical progress is 100% of 19 items including Kithalalanda wewa, Digan wewa, Rankatu ara wewa, Udana wewa, Welangahawela wewa, Udamattala wewa, Danketiya wewa, Niyadagalara wewa, Gonawidda wewa, Kiribathara wewa, Doralupitiya wewa, Godanralalage wewa, Kapuwatta wewa, Orukengala wewa, Beru wewa, Matigathwewa, Shramadana wewa, Aluth wewa, Kandekatiya potawa wewa. Total expenditure was Rs. 193,085,017.15 and there were liabilities of Rs. 77,683,234.80. The summary of the Allocation distribution is presented in Table 2.

There are 43 number of Tanks were selected for rehabilitation Under the Wari Saubhagya National Programme for Hambanthota district for the year 2021 by Irrigation Department. Total estimated cost was Rs. 186.824 Mn. And 19 number of works completed 100 % with the expenditure of Rs. 193,085,017.15 and liabilities of Rs. 77,683,234.80.

### 11.7.7 “Wap Haula” Program

Table 11-57: Details of “Wap Haula” Program

Nature of the Activity	Hambantota	Weeraketiya
Number of Schemes	2	2
1. Cultivation Meetings		
1.1 Pre Cultivation meeting	7	4
1.2 Cultivation Meeting	7	4
2. Organizational Activities		
2.1 Conducting FO Election	2	2
2.2 Conducting FO Annual General meeting	35	25
2.3 Conducting PMC Meetings	12	8
2.4 Preparation of FO Final Accounts	20	15
3. Capacity Building		

Nature of the Activity	Hambantota	Weeraketiya
3.1 Financial Management	5	5
3.2 Income Management etc.	3	3
4. Participatory Management		
4.1 Shramadana for clearing canal bunds	24	24
4.2 Maintenance of Farm Roads	2	2
5. Awareness programme		
5.1 Home gardening	-	-
5.2 OFC Cultivation	4	4
6. Other Activities (Organize fertilizer Awareness programme)	6	6
6.1 Deva Puja, Pirith etc.	3	3

### 11.7.8 Drinking Water Extraction

Table 11-58: Drinking water extraction of Reservoirs in Hambantota Region

Water Supply Scheme	Reservoir	Extracted Amount	
		m <sup>3</sup> per Day	Annual MCM
Lunugamwehera	Lunugamwehera	12000	4.38
Kirindi oya		4200	1.53
Kataragama		8500	3.10
Kirama oya, Nalagama		9000	3.29
Kirama oya, Walasmulla		400	0.15
Muruthawela	Muruthawela	5500	2.01
Uruboku oya, Wakamulla		1500	0.55
Kattakaduwa		13500	4.93
Walawa RB		3000	1.10
Ridiyagama	Ridiyagama	17500	6.39

### 11.7.9 Social Activities

The annual cricket match of Hambantota range was held with the participation of all DIE office, ME office and DI office teams.



Figure 11-90: Annual cricket match of Hambantota range

## 11.7.10 Staff Position

Table 11-59: Staff position of the region

Designation	Office of the Director of Irrigation		Office of the Divisional Irrigation Engineer						Mechanical Workshop Lunugamwehera	
			Hambantota		Weeraketiya		Tissahamaharama			
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1								
Chief Engineer	1	1								
Engineer (Civil)	3	3	1	1	1	1	1	1	-	-
Engineer (Mechanical)									2	1
Earth Resources Engineer		1								
Accountant	1	1								
Administrative Officer	1	-								
Drawing Office Assistant	1	-								
Senior work supervisor	1	-								
Divisional Assistant			1	1	1	1	1	1		
Divisional Assistant (Mechanical)									1	-
Institutional Development Officer	1	1								
Development Officer	1	3	7	4	5	8	7	3	-	1
Engineering Assistant	-	-	10	11	8	11	10	12		
Draughtsman	5	3	3	2	3	3	3	2		
Mechanical Foreman									1	1
Management Service Officer	14	09	5	4	5	7	5	5	3	2
Storekeeper	-	-	1	-	1	1	1	1	-	1
Technical Aide (Irrigation)			8	7	8	8	8	9		1
Technical Aide (Mechanical)										
Driver	4	3	3	6	3	8	3	7	2	4

Operator	5	-		1		-		2		1
Tractor Operator	7			1		1		1		
Operation & Maintenance Labourer		1	26	5	26	7	26	8		1
Labourer				12		2		5		1
Labourer (25/2014)		4		17		21		33		4
Welder									3	3
Tinker									4	
Painter									2	
Lathe Machine Operator									1	1
Fitter									1	
Blacksmith									1	
Welder									1	3
Machinist									1	
Mason	1									
Carpenter	1							1		
Circuit Bungalow Keeper	1						1			
Store Aide			1	1	1	1	1	1		
Plan Printer Helper	1	1								
Greaser	4	-		1	1	1				
Mechanic										
KKS	2		1		1	2	1	1	2	1
Field Watcher	1		1	1	1		1		1	3
Lorry helper				1						
Cleaner						1				
Mechanic										5
<b>Total</b>	<b>57</b>	<b>32</b>	<b>68</b>	<b>81</b>	<b>64</b>	<b>81</b>	<b>69</b>	<b>95</b>	<b>29</b>	<b>32</b>

## 11.8 Kandy Region

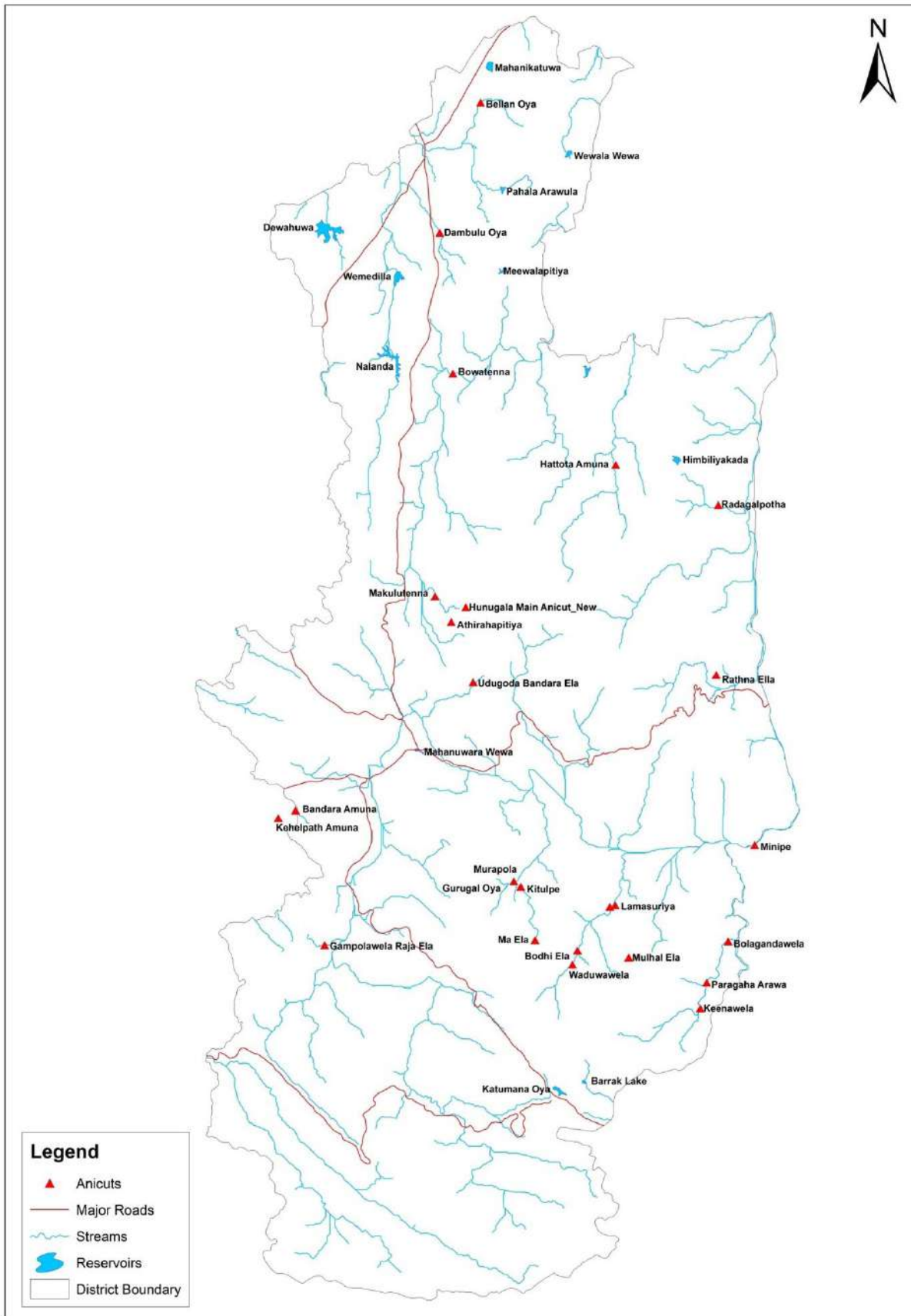


Figure 11-91: Scheme Map of Kandy Region

### 11.8.1 Introduction

Kandy Region is responsible for maintaining and rehabilitation of all major and medium schemes in entire Central Province which includes administrative districts of Kandy, Matale, Nuwaraeliya, and part of Kegalle. There are 12 major medium tanks and 23 anicut schemes and provided irrigation water for 14,816 ha of land to cultivate both Yala and Maha seasons.

### 11.8.2 Divisions come under the Region

This region comprises of five Irrigation Engineer divisions

- Kandy division
- Matale division
- Dambulla division
- Minipe division
- Nuwaraeliya division

### 11.8.3 Details of Irrigation Schemes under the Region

Table 11-60: Details of Irrigation Schemes under the region

Division	Scheme	Capacity at FSL / (MCM)	Irrigable Extent / (Ha)	Cultivated Extent / (Ha)		Total Water usage (Main sluice issue)/ (MCM)	
				Maha	Yala	Maha	Yala
Minipe	Minipe L B	-	7,984	7,984	7,984	159	171.65
	RathnaElla	-	110	110	110	1.86	1.91
	Radagalpotha	-	86	86	86	1.11	1.18
	Himbiliyakada	2.3	155	155	131	2.19	1.24
Kandy	Murapola	-	486	486	324	6.20	3.93
	BandaraAmuna	-	97	81	81	0.86	1.26
	KehelpathAmuna	-	100	89	89	0.96	1.43
	Udugoda	-	164	162	140	1.57	2.00
	Bodhiela	-	154	154	146	1.60	1.09
	Gampolawela	-	164	121	80	1.61	1.88
	Kitulpe	-	137	137	137	1.30	0.96
	Maela	-	654	654	654	6.99	4.48
	Lamasooriya	-	186	186	166	2.57	8.63
Dambulla	Wewalawewa	1.7	97			0	0
	Wemadilla	5.7	809	809	809	12.86	9.05
	Dewahuwa	13.6	1,214	1,214	1,214	16.87	13.31
	PahalaEraulala	0.42	142	142	142	1.94	1.73
	Bellanoya	-	87	87	57	1.50	0.13
	Dambulluoya	-	243	146	121	4.20	4.20
	MahanikaKatuwa	0.19	87	-	10	0.23	0.18

Matale	HattotaAmuna	-	448	438	448	7.31	7.84
	Makuletanna	-	121	116	117	1.14	1.14
	Bowatenna	-	134		134	1.90	1.90
	Meewalpitiya	0.42	85	24	85	0.40	0.55
	Athirahapitiya	-	85	85	85	0.85	0.85
Nuwaraeliya	ParagahaArawa	-	132	132	132	1.57	1.82
	Keenawala	-	102	102	102	1.18	1.34
	Mulhalela	-	208	208	182	2.41	1.49
	Waduwwela	-	194	117	117	1.76	1.33
	Bolagandawela	-	144	144	108	1.71	1.17

#### 11.8.4 Major Works Completed during the year

##### a. Mahagona wewa Project

This project is implemented under Regional Development Branch with the local funds and the project is planned to complete in the year 2022. Division Irrigation Engineer Dambulla is responsible for the implementation.

##### b. Godigamuwa wewa Project

This project is implemented by the Divisional Irrigation Engineer Mathale through Regional Development Branch. The 60% of the total work was completed up to the end of 2021 and it is planned to complete in 2022.

##### c. Barrakplane Rehabilitation Project

This project is implemented by Divisional Irrigation Engineer Nuwara Eliya. The allocation is granted under the ministry vote and the coordinate through Major Construction branch. Total estimated cost of the project was Rs. 230.0 million and allocation given for the year 2021 was Rs. 64.85 million. This project is to be completed in 2022.



Figure 11-92: Desilting work at Barrack plane tank

### 11.8.5 Division wise Allocation Distribution

Table 11-61: Allocation distribution in 2021

Vote	Allocation Rs (000')							Total
	Kandy	Dambulla	Matale	Minipe	Nuwareliya	DI	MWS	
Departmental Votes								
Gravity Irrigation Works 282-2-2-1-2001-11-2	6,263	7,996	3,719	18,034	3,200			39,212
O & M Wages 282-2-2-0-2001-11-2	150	75	150	150	230			1,157
Maintenance & Improvements to Building 282-2-2-0-2001-11-1	1,207	1,151	350	634	1,071			4,413
Improvement to Kandy Lake 282-2-2-0-2001-11-6	9,000							9,000
Improvements to Major Works 282-2-2-1-2001-11-3	98	1,767						1,865
Essential Rehabilitation of Major Medium Irrigation Schemes 282-2-2-4-2001-11	7,312	14,919	2,498	15,227	3,518			43,475
Surveying & Investigation of Existing Schemes 282-2-2-0-2507-11-008-3			86	1,921				2,007
Additional Improvements to Existing Irrigation Works 282-2-2-1-2001-11-4				1,500				1,500
Flood Damages Repairs and Other Repairs Due to Natural Disaster- 282-2-2-0-2001-11-9	1,076		2,551	3,080	4,117			10,824
Recovery of Possession and Safeguarding of Departmental Lands and Reservation 282-2-2-0-2001-11-11			170	151				321
Maintenance of Department Road in Irrigation Scheme 282-2-2-0-2001-11-5		1,327		320	210			1,857

Maintenance of Department Circuits 282-2-2-0-2001-11-15	50	2,080		250	1,920			4,300
Management Supporting Facilities for O&M 282-2-2-0-2001-11-12	218	168	168	218	218	50	50	1,090
Establishment and Improvement of Unit offices 282-2-2-1-2001-1	527			787	135			1,449
Farmer organization Developmen and Farm Productivity & Profitability 282-2-2-0-2001-11-8	70	231	5	30	100	5		486
Calibration & Water Management Studies 282-2-2-0-2507-11-009-7				300				300
Land & Legal Matters 282-2-2-0-2503-5		108						108
Construction of Central Zonal Office 282-2-2-2104-11-9	9,750							9,750
Construction of Kandy workshop 282-2-2-0-2104-11-6	1,000							1,000
Purchase of Equipment for Mechanical Workshop 282-2-2-0-2103-116							823	823
Community Awareness 282-2-5-2105-11-5				400				400
River Basin Management 282-2-2-5-2105-11-9				4,467				4,467
Establishment River Profile in Major rivers 282-2-2-5-2105-11-2					1,687			1,687
Protection of Upper Catchment & Watershed Management 282-2-2-0-2001-11-14				100				100
Furniture and Office Equipment 282-2-2-0-2102-11	119							119
Vehicle 282-2-2-0-2003-11		470				1,910	280	2,660

Plant, Machinery and Equipment - Repairs 282-2-2-0-2002-11-1						3,210		3,210
Feasibility studies for Major Medium Irrigation project and Surveys 282-2-2-0-2507-11-8	2,051			1,060				3,111
Purchase of O&M Machinery & Field Equipment 282-2-2-0-2103-11-5						1,500	165	1,665
Establishment of New Hydrological Gauging Stations in Major Rivers 282-2-2-5-2105-11-3	786							786
Improvement to Vehicle 282-1-1-0-2003-11							810	810
Land Use Studies 282-2-2-0-2507-11-009-2		284						284
Godigamuwa Tank 282-2-3-25-2105-11			88,000					88,000
Mahagona Wewa 282-2-3-09-2105-11		48,000						48,000
Ministry & other votes								
Wattegedara Wewa 198-2-3-46-2506-11				31,377				31,377
Ministry Vote 198-2-3-08-2506-11	70,000		554			401		70,955
Wari Saubagya National Programme 429-2-3-02-2506-11	45,392	20,830	23,360	42,263	28,747			160,592
Wari Saubagya National Programme 428-2-3-08-2506-11	15,687	6,010	5,600	24,998	8,132			60,427
Vehicle Parts 198-2-3-0-2003-11				21				21
PEISEIP 198-2-3-21-2506-11	2,753	538		175				3,466
Barrack PlaneTank 198-02-03-45-2506				65,000				65,000
<b>Total</b>	<b>176,909</b>	<b>111,954</b>	<b>127,210</b>	<b>212,463</b>	<b>53,286</b>	<b>7,076</b>	<b>2,128</b>	<b>685,474</b>

## 11.8.6 Projects implemented under other sources of funds

### a. Additional Finance under CRIP

Rehabilitation works of D-Canals in the Minipe scheme were carried out under this project. The Total project cost was Rs.576 Mn. Eight National Competitive Bidding (NCB) packages were awarded during 2020 and only 3 number of packages were completed in 2020 and 5 number of packages were completed in 2021

Table 11-62: Works carried out under CRIP

Package	Contract Amount (Mn. Rs)	Expenditure up to the end of 2021 (Mn. Rs)	Physical progress / (%)	Financial Progress / (%)
71	37.29	21.3	84	57
73	108.53	78.96	100	100
76	73.17	52.33	100	100
83	89.50	70.36	100	100
84	104.40	66.4	100	100
<b>Total</b>	<b>412.89</b>	<b>289.35</b>		

### b. Integrated Watershed and Water Resources Management Project (IWWRMP)

There are three irrigation schemes have been selected for implementation of this project.

- **Rehabilitation of HaththotaAmuna scheme**

The farmers face difficulties in cultivating full extent under Haththota Amuna scheme for Yala season due to shortage of water. The average income from one acre of land for the Yala season is Rs. 50,000.00 and Maha season is Rs. 80,000.00. the expected income of the farmers from 1 acre of land after implementation of the project will increase up to Rs. 120,000 in Maha season and 110,000 in Yala season. The project will be implemented under 2 stages and the total cost is Rs. 116.82 million. The contract has already been awarded. Implementation of the project will generate approximately 15,000 man days of employment directly as a result of construction activities. It will generate employment of approximately 5,000 man days annually as a result of increased cropping intensities of the scheme due to the project activities.

- **Rehabilitation of Dewahuwa scheme**

Dewahuwa is one of the oldest irrigation schemes constructed by the irrigation Department. The initially settled farmer families have been extended by three generations. Therefore, there are many problems regarding land and water. There are effects of climate change also. It is proposed to rehabilitate the infrastructure of the main system and improve water management. The benefit of the project will enhance the quality of life of the people in the Dewahuwa scheme. The allocated amount is Rs 103.00 million.

- **Rehabilitation of Waduwwala scheme**

The main anicut is across Belihuloya and the length of the main canal is 6.43 km. This scheme was constructed in 1887 to cultivate 480 acres and abandoned at later stage. This was re-commissioned in the year 1945. Some works were done under the Integrated Rural Development Project during the period from 1996 to 1998 and the area was reduced to 350 acres.

Comprehensive rehabilitation is required to rectify damages caused by floods and other natural disasters such as landslides. The canal has been badly silted up and hence chalked up due to the continuous flow of silt from the upper reaches of the local catchment. All the farmer organizations requested to attend for comprehensive rehabilitation of the scheme in view of cultivating the whole area in the scheme.

The main canal of the scheme is a contour canal and has many structures such as, canal spills, over crossings; retaining walls and around 100 farm turn out structures. The number of farmer families depending directly on the scheme is about 311. This project is mainly focused on the developments along the main canal. The estimated cost is Rs.86.35 Mn.

**c. Wari Saubagya Programme**

This programme was fully funded by local budget and utilized 100% local resources. It was expected to use the men and machinery already available with implementing organizations.

Table 11-63: List of tanks renovated by Kandy Division

No	Names of the Tanks / Anicuts	TEC (Rs`000)	Expenditure (Rs.`000)	Physical Progress (%)
A	Q5 A Operation Centre at Gannoruwa for the "Wari Saubhagya" Programm	3,883	3,698	100.00
B	Improvements to Water intake at Samurdhi centre, Nillambe, Kandy (Temporary Covid Treatment Center)	1,540	1,282	100
15	Wawegama Tank	10,000	1,553	65
16	Ange wewa	8,019	1,146	40
17	Ambuluwawa Ponds	4,098	-	40
18.1	Ambuluwawa Tank	3,952	1,656	100
18.2	Ambuluwawa Tank (phase 02)	4,934	-	100
19	Mahara Bandara Tank	12,034	1,933	45
20	Oluwewa Tank	4,618	228	35
21	Malagammana Tank	2,840	-	40
22	Maharawela Raja Ela	10,000	4,416	100
23	Ihalawela Anicut	8,800	25	0
24	Gampola Raja Ela Anicut	15,000	9,051	85
25	Watagoda Ela Anicut	3,141	1,103	95
26	Nattarankotuwa Anicut	3,537	1,296	98
27	Dorabomure Anicut	10,082	3,353	60
28	Aragoda Field Canal	735	506	100
29	Abakubura- Gagaha Canal	2,551	2,041	100
30	Buwaneka Ba Canal	3,296	500	90

No	Names of the Tanks / Anicuts	TEC (Rs`000)	Expenditure (Rs.`000)	Physical Progress (%)
31	Hathugoda Canal	2,520	400	100
32	Bandara Canal (Wihala Ela)	2,371	795	100
33	Unambuwa Kethigana Canal	3,460	200	100
34	Delpitiya Anga Pathaha	2,528	100	60
35	Ambadeniya Tank	4,974	1,138	99
36	Siyabalagahamula Anicut	3,811	3,079	100
37	Ambagahamula Anicut	1,247	892	100
38	Galawala Anicut	5,056	336	75
39	Moragahamula Anicut	2,349	1,855	100
40	Andagala Anicut	1,692	100	98
	<b>Total</b>	<b>143,068</b>	<b>42,682</b>	



Figure 11-93: Moragahamula Anaicut



Figure 11-94: Ange wewa



Figure 11-95: Ambuluwawa Tank



Figure 11-96: Gampola Raja Ela Anicut

Table 11-64: List of tanks renovated by Minipe Division

No	Names of the Tanks / Anicuts	TEC (Rs'000)	Expenditure (Rs.'000)	Physical Progress (%)
1	Asamodagamyaya Tank	5,172	4,487	100
2	Palugaskada Tank	11,448	5,354	100
3	Ihala Madugalla Tank	5,664	2,805	100
4	Madugalla Tank (South Tank)	5,231	201	100
5	Dewahandiya Tank (Kumbure Wewa Dunuke Ulpotha)	412	136	80
6	Bulugahamadiththa Tank	1,846	77	100
7	Thunekotuwa Canal	1,360	1,130	100
8	Ediriyabedda Anicut (Revised)	1,500	220	100
9	Rambukwella Anicut	4,111	1,096	100
10	Pagirimanawa Anicut	8,171	6,865	100
11	Kandanhena Anicut	4,329	3,566	100
12	Muththettuwe Canal	3,104	77	55
13	Akkara Kolaniya Canal	2,095	1,055	100
14	Waragolla Upper & Lower Canal	2,203	1,716	100
15	Bogaha wewa	9,284	9,033	100
16	Dewagiriya Tank	7,655	7,319	100
17	Maraka Tank	11,889	11,339	85
	<b>Total</b>	<b>85,474.00</b>	<b>56,476.67</b>	



Figure 11-97: Thune Kotuwa Canal



Figure 11-98: Pagirimanawa Anicut

Table 11-65: List of tanks renovated by Mathale Division

No	Names of the Tanks / Anicuts	TEC (Rs'000)	Expenditure (Rs.'000)	Physical Progress (%)
14	Beeridewala Tank	22,860	1,343	10
15	Eriyagolla Tank	18,212	13,058	70
16	Meewelpitiya Tank & Maoya Canal (Rev)	8,746	4,098	90
17	Kalugahakandura Anicut	17,630	5,187	55
18	Leloya Anicut (Revised)	1,555	1,565	100
19	Moragahaella Anicut	17,000	1,461	25
	<b>Total</b>	<b>86,003</b>	<b>26,712</b>	



Figure 11-99: Meewelpitiya Feeder canal



Figure 11-100: Moragahaela Anicut



Figure 11-101: Kalugahakandura Anicut

Table 11-66: List of tanks renovated by Dambulla Division

No	Names of the tanks / Anicuts	TEC (Rs`000)	Expenditure (Rs. `000)	Physical Progress (%)
4	Ambokka Tank	5,070	2,493	60
5	Rajamaha Tank	13,884	2,041	25
6	Silwathgama Tank	11,634	6,036	60
7	Bannathgama Tank	10,975	2,262	40
8	Puwakpitiya Tank (Revised)	1,700	1,622	100
9	Aluthwewa Tank (Revised)	3,400	1,305	100
10	Udaha abewela Tank	10,312	4,981	55
11	Omaragolla Tank (Revised)	2,500	2,100	100
12	Kongolla Tank	5,180	1,918	40
13	Pahala wewa	10,317	1,045	20
	<b>Total</b>	<b>74,972</b>	<b>25,801</b>	



Figure 11-102: Canal system improvement in Bannathgama Tank



Figure 11-103: List of tanks renovated by Nuwara Eliya Division

Table 11-67: List of tanks renovated by Nuwara Eliya Division

No	Names of the tanks / Anicuts	TEC (Rs`000)	Expenditure (Rs. `000)	Physical Progress (%)
1	Katumana Tank	10,498	9,041	100
2	Mahagasthota Minor Tank	3,502	2,905	100
3	Mahagasthota Minor Tank	12,802	6,964	70
4	Isuru Wewa	7,157	27	40
5	Kadigamadiththa Wewa	5,928	3,477	90
6	Karampitiya Anicut	5,174	3,925	100
7	Elle Ela Anicut	1,595	486	100
8	Thenne Ela Anicut	2,171	283	100
9	Bogahakumbura Anicut	1,937	775	100
	<b>Total</b>	<b>50,764</b>	<b>27,883</b>	



Figure 11-104: Improvement in Karampitiya Anicut



Figure 11-105: Improvement in Bogahakumbura Anicut

### 11.8.7 “Waphaula” Programme

Table 11-68: “Waphaula” Programme

Nature of Activity	Division	Mathale	Kandy	NuwaraEliya	Dambulla	Minipe
Number of schemes		5	8	5	6	3
1. Cultivation Meeting						
1.1 Pre Cultivation Meeting		10	16	10	12	16
1.2 Cultivation Meeting		10	15	5	11	3
2. Organization Activities						
2.1 Conducting FO Election		-	-	-	3	-
2.2 Conducting FO Annual General Meeting		-	-	-	3	-
2.3 Conducting PMC Meeting		-	-	1	2	-
3. Awareness Programme						
3.1 Compost Fertilizer Programme		5	2	5	17	-



Figure 11-106: Project committee meeting in KehelpathAmuna Scheme



Figure 11-107: Project committee meeting in Gampolawela Scheme



Figure 11-108: Compost production in Dambulla Division



Figure 11-109: Compost production in Matale Division

### 11.8.8 Drinking Water Extraction

Table 11-69: Drinking Water Extraction

Location	River	Maximum Quantity (m <sup>3</sup> /day)
Nalanda	Nalanda Oya	2080
Matale	HapuvidaOya	1200
Ma Ela	Mul Oya	4800
Bodhi ela/Waduwwala	BelihulOya	120
Gampola Raja ela	UlapaneOya	8640
MulhalEla	Kuruduoya	876

Following water supply schemes are extracting water from the Irrigation schemes and there is no signed Memorandum of Understanding.

Table 11-70: MOU to be signed for Water Supply Schemes

Division	Scheme	Location
Kandy	Gampolawela Raja ela	UlapaneOya
Kandy	Maela	Mul Oya
Kandy	Bodhiela,	BelihulOya
Nuwaraeliya	Waduwwala	
Nuwaraeliya	Mulhalela	KuruduOya
Dambulla	Nalanda	Nalanda
Minipe	Minipe Yoda ela	Heenganga
Nuwaraeliya	Keenawala	MaduluOya

### 11.8.9 Staff Position

Table 11-71: Staff position of the region

Designation	Office of the Director of Irrigation		Office of the Divisional Irrigation Engineer										Mechanical Workshop - Kandy	
			Minipe		Kandy		Dambulla		Matale		NuwaraEliya			
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Chief Engineer	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Divisional Irrigation Engineer	-	-	1	1	1	1	1	1	1	1	1	1	-	-
Engineer	4	3	-	-	-	-	-	-	-	-	-	-	-	-
Mechanical Engineer	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Engineer (ERE)	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Accountant	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Administrative Officer	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Drawing office Assistant	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Divisional Assistant	-	-	1	1	1	1	1	1	1	1	1	-	-	-
Engineering Assistant	-	1	11	6	9	9	8	6	4	5	4	4	-	-
Institute Development Officer	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Development Officer	1	2	6	1	5	4	5	6	2	3	1	1	-	1
Draughtsman	5	4	3	1	3	1	3	2	3	2	3	1	-	-
Management Service Officer	14	16	6	2	6	5	6	5	5	5	5	5	-	1
Aquatic Science Field Assistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Technical Assistant (Civil)	-	-	10	10	8	8	6	5	5	5	6	5	-	-
Plan Printer	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Storekeeper	-	-	1	1	1	1	1	0	1	1	1	1	-	-
Store Assistant	-	-	1	1	1	1	1	0	1	1	1	1	-	-
Driver	4	2	3	5	3	3	3	3	3	5	3	1	-	1
Operator	7	-	-	2	-	2	-	-	-	1	-	-	-	-
Tractor Operator	7	-	-	3	-	1	-	-	-	-	-	1	-	-
O&M Labourer	-	1	8	4	10	15	8	7	8	3	8	3	-	-
Mason	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Carpenter	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Cleaner	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mechanic	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Relief Driver	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Electrician	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K.K.S.	3	3	1	0	1	1	1	1	1	1	1	1	-	-
Greaser	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Watcher	1	-	1	1	1	2	1	-	1	-	1	-	-	-
Lorry Assistant	2	-	-	-	-	1	-	-	-	-	-	-	-	1
Circuit Bungalow Keeper	-	-	2	2	1	-	-	-	-	-	1	1	-	-
Sanitary Labourer	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Labourer (25/2014)	-	2	-	14	-	25	-	24	-	10	-	6	-	5
Labourer	-	-	-	1	-	-	-	-	-	1	-	-	-	-

## 11.9 Kurunegala Region

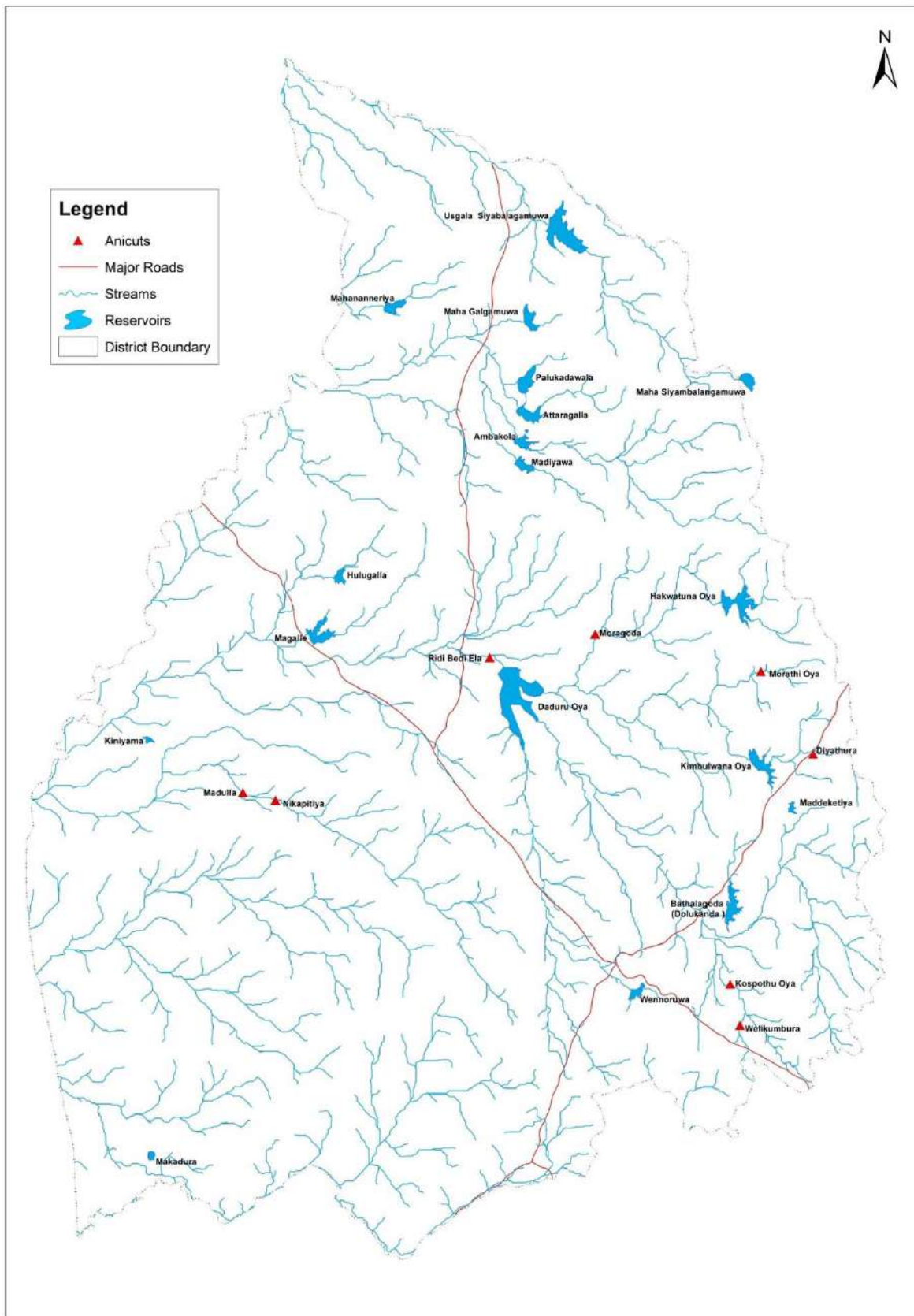


Figure 11-110: Scheme Map of Kurunegala Region

### 11.9.1 Introduction

Kurunegala Region covers the whole area in Kurunegala District. It has very special historical background among other Districts. It consists of four ancient kingdoms namely Panduwasnuwara, Kurunegala, Yapahuwa and Dambadeniya. There are so many minor and major irrigation schemes all over the northwestern province constructed during those periods. Deduruoya, Mee oya, Maoya are the main river basins in Kurunegala.

### 11.9.2 Divisions come under the Region

There are five divisions come under the range,

- Hiriyala Division
- Galgamuwa Division
- Nikaweratiya Division
- Katugampola Division
- Wariyapola Division

### 11.9.3 Details of the Irrigation Schemes under the Region

Table 11-72: Details of the Irrigation Schemes under the Region

Division	Scheme	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the sluice (MCM)	
				Maha	Yala	Maha	Yala
Katugampala	Makandura	0.34	304	304	304	0	0
	Kiniyama	-	340	340	340	0.31	0.39
	Madulla	Anicut	140	140	140	-	-
	Nikapitiya	Anicut	91	91	91	-	-
	Wellangiriya	Lift Irrigation	81	81	81	-	-
	Masurankotte	0.37	11	11	11	0.34	-
Nikaweratiya	Magalla	9.15	2,429	2,429	2,348	-	-
	Mediyawa	3.19	586	586	586	-	-
	Hulugalla	1.77	97	97	97	-	-
Hiriyala	Bathalagoda	5.95	3,091	3,091	3,091	17.43	14.74
	Hakwatunaoya	24.26	2,579	2,579	1,485	8.60	5.25
	Kimbulwanaoya	24.264	992	992	810	6.80	6.57
	Wennaruwewa	8.49	190	142	142	0.52	0.57
	Meddeketiya	1.83	98	98	98	0.34	0.45
	Diyathure	Anicut	231	231	231	-	-

Division	Scheme	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the sluice (MCM)	
				Maha	Yala	Maha	Yala
Hiriyala	Moragoda	Anicut	223	223	223	-	-
	Morathioya	Anicut	93	93	93	-	-
	Welikumbura	Anicut	115	115	115	-	-
	Kospothuoya	Anicut	116	116	116	-	-
	Kalugalla	Lift Irrigation	85	85	85	-	-
Galgamuwa	UsgalaSiyambalangamuwa	27.06	972	972	972		7.64
	Atharagalla	4.51	419	419	419		0.74
	Palukadawala	9.46	891	891	891		1.85
	Ambakolawewa	8.24	340	340	340		0.74
	Mahagalgamuwa	8.04	163.158	161.94	161.94	-	1.23
	Mahananneriya	2.50	170	170	170	-	1.48
	Mahasiyabalangamuwa	2.61	223	162	162	-	0.52
Wariyapola	Deduruoya	74.82	2,428	2,428	2,428	26.90	34.60

### 11.9.4 Divisional wise Allocation Distribution

Table 11-73: Divisional wise Allocation Distribution

Vote No. / Description	Allocation (Rs.)'000						
	DI Office	Katugampola	Nikaweratiya	Hiriyala	Galgamuwa	Wariyapola	Total
Departmental Votes							
Gravity Irrigation Works 282-2-2-1-2001-11-2	1,411	2,990	8,046	15,172	7,676	6,634	41,928
O&M of Lift & Micro Irrigation Works 282-2-2-0-2001-11-3	-	222	-	384	1000	-	1605
O&M Gravity Works (Wages) 282-2-2-0-2001-11-2	5	155	175	200	75	146	755
Management Supporting Facilities for O&M 282-2-2-0-2001-11-12	380	100	100	100	100	100	880
Maintenance and Improvements of Department Circuits Bungalows	-	-	-	848	-	-	848
Maintenance & Improvements to Building 282-2-2-0-2001-11-1	-	905	3,110	895	-	-	4,910
Recovery Possession & Safeguarding of Department Land & Reservation 282-2-2-0-2001-11-11	-	763	2,478	-	157	-	3,398
Flood Damage Repairs & other repairs due to natural Disasters 282-2-2-0-2001-11-9	-	3,080	7,815	2,576	529	-	14,000
Maintenance of Department Roads in Irrigation Schemes 282-2-2-0-2001-11-5	48	1,208	1,287	-	1,000	458	4,000
ERMMIS 282-2-2-4-2001-11	1,787	5,848	10,128	32,681	7,220	7,690	45,059

Improvements to Major Irrigation Works 282-2-2-1-2001-11-3	-	3,835	-	-	-	-	3,83
Improvements to Head works of Tanks for Additional Safety 282-2-2-0-2001-11-10	547	-	2,883	-	2,500	-	5,930
Protection of upper catchment & watershed management 282-2-2-0-2001-11-14	-	-	-	100	-	-	100
Improvements to spill tail canal & drainage system in irrigation scheme 282-2-2-0-2001-11-16	22	-	-	978	-	-	1,000
Improvement to Mechanical Workshop 282-2-2-0-2001-11-17	1,260	-	-	240	-	-	1,500
Additions and Improvements to Existing Irrigation Works 282-2-2-1-2001-11-4	-	-	493	1,753	-	-	2,246
Farmer Organization Development and Farm Productivity & Profitability 282-2-2-0-2001-11-8	-	50	178	50	50	50	378
Establishment & Improvements to Unit Office 282-2-2-1-2001-11-1	-	-	1,400	-	-	-	1,400
Electrical / Electromechanical Installation 282-2-2-0-2001-11-7	800	-	-	-	-	-	800
Repairs to plant machinery & equipment 282-2-2-0-2002-11-1	9,335	-	-	-	-	-	9,335
Repairs to Vehicle 282-2-2-0-2003-11	3,240	-	-	-	-	-	3,240
Improvements to vehicle 282-1-1-0-2003-11	410	-	-	-	-	-	410
Furniture & Office Equipment 282-2-2-0-2102-11	-	-	100	-	-	-	100
Purchase of O&M Machinery & Field Equipment 282-2-2-0-2103-11-5	1,375	-	-	-	-	-	1,375

Construction of New Quarters & office Building for the Irrigation Department 282-2-2-0-2104-11-10	-	-	-	5,000	-	-	5,000
Establishing of New Hydrological Gauging Station in Major Rivers 282-2-2-5-2105-11-3	-	-	-	-	216	-	216
Community Awareness 282-2-2-5-2105-11-5	186	-	-	-	-	-	186
Embankment protection 282-2-2-5-2105-11-6	850	-	-	24,555	-	-	25,405
River Basin Management 282-2-2-5-2105-11-9	142	10,073	7,667	-	-	-	17,882
Surveying & Investigation of Exiting schemes 282-2-2-0-2507-11-008-3	-	-	-	383	-	-	383
Feasibility studies of major medium Irrigation project & Surveys/soil/Geo Technical Investigation	-	-	412	650	-	-	1,062
Establishing River profile in Major Rivers 282-2-2-5-2105-11-2	175	-	-	49	-	1,518	1,741
Clean River programme 282-2-2-5-2105-11-8	102	5,595	1,332	-	-	-	7,030
Remedial measure to safeguard crops during emergency situations 282-2-2-0-2001-11-13	-	-	-	100	-	624	724
Augmentation of Mahagalgamuwa Tank 282-2-4-47-2105-11	30	-	-	-	49,970	-	50,000
Deduru Oya reservoir project 282-2-3-1-2105-11	184,316	-	8,152	-	-	79,176	271,645
Training at Galgamuwa ITI, Kotmale, Regional & Zones 282-2-2-0-2401-11-1	-	56	-	-	-	-	56
Rural Tank Development Project under Wari Saubagya Programme 282-02-04-51-2506-11	-	3,223	46,493	11,183	15,180	6,080	81,500

Ministry & Other Votes							
Rehabilitation of Major Irrigation Schemes- Infrastructure 198-2-3-8-2506-11	22	648	1,557	800	1,974	243	5,243
Integrated water productivity Improvements Project (IWPIP) 198-2-3-9-2507-11	-	203	-	-	-	-	203
PEISEIP Project 198-2-3-21-2506-11	8,142	1,225	8,446	1,976	-	-	20,093
Wari Saubagya National Programme for Rehabilitation of Rural Tank and Anicuts 428-02-03-08-2506-11	1,358	4,510	4,922	40,431	6,416	5,630	63,267
Wari Saubagya National Programme for Rehabilitation of Rural Tanks and Anicuts 429-02-03-02-2506-11	483	8,820	77,566	29,286	17,625	20,578	154,357

## 11.9.5 Projects implemented under other source of funds

### a. “Wari Saubagya” National Programme for Rehabilitation Tanks and Anicuts.

This project was started in March 2021 and the total estimated cost was Rs. 641 million. The amount of allocation received was Rs. 299.18 million and the actual expenditure was Rs. 217.1 Mn.

Table 11-74: List of tanks in Hiriyala Division

No.	Name of the Scheme	Allocation Rs. Mn	Expenditure Rs. Mn	Physical Progress (%)
1	Walpaluwa Keth Ela.	1.983	1.983	60
2	Maswewa Tank	1.043	1.037	100
3	Denawarawaththa Tank	1.344	1.332	70
4	Wadigamangawa wewa	0.913	0.907	100
5	Narangoda Tank	3.337	1.394	55
6	Hiripitiya Tank	1.546	1.538	100
7	Bandarawaththa wewa	0.001	-	
8	Pepolweththa anicut	1.588	1.578	100
9	Drainage canal improvements from Meddekatiya to Kuda Ela	1.206	1.198	100
10	Barube Keth Ela (canal system)	6.070	6.070	55
11	Thambagalla Palu wewa	0.805	0.805	100
12	Kalagaswewa Tank	0.913	0.898	50
13	Meegolla Tank	0.937	0.410	100
14	Koticapola Tank	1.636	1.603	100
15	Dalupattawa	0.376	0.371	50
16	Ihala Wewa	0.933	0.923	100
17	Ulpathagama Tank	1.872	1.852	35
18	Thambagalla wewa	2.282	1.028	45
19	Dehiaththa wewa	0.977	0.245	60
20	Uyangala Maha wewa	1.783	-	45
21	Bathalagoda Tank	6.980	6.893	100
22	Embalawa Tank	1.187	0.436	100
23	Pambegama Tank	0.624	0.000	50
24	Mukalanyaya Tank	0.970	0.268	50
25	Angahena Agree Road	1.511	0.742	65
26	Koon Wewa Tank	0.595	0.595	60
27	Andagala wewa	35.641	23.311	80
30	Geo technical investigation at Kalamaduwwa Tank.	1.000	1.000	100
31	Survey works in Kalamaduwwa tank	2.316	2.316	100
	<b>Total</b>	<b>82.518</b>	<b>59.845</b>	



Figure 11-111: Improvements to Pambegama Tank



Figure 11-112: Improvements to Thambagalla Tank

Table 11-75: List of tanks in Nikaweratiya Division

No	Name of the Scheme	Allocation Rs. Mn	Expenditure Rs. Mn	Physical Progress (%)
1	Uguressawa Tank	14.850	14.626	97
2	Ambogama Tank	21.609	20.435	70
3	Pahala Kinipitiya Tank	2.672	2.622	97
4	Moragaswewa wewa	5.549	7.105	95
5	pupulewalagala Tank	7.431	7.274	95
6	Galewawa Mahawewa	6.275	3.193	90
7	Pahala Tank	8.390	6.940	75
8	Improvements of Ihala Andiyakalla Tank	5.208	2.783	65
9	Wehenegama Tank	7.973	4.026	70
10	Kohomba Kadawala Tank	1.290	1.290	70
11	Pahala Thalambuwa Tank	6.048	2.673	40
12	Hudaliyawa Tank	6.059	4.468	40
13	Moragaswewa Maha wewa Tank	17.592	8.582	100
14	Weerappuliya Tank	13.387	10.549	70
15	Gatilewa Tank	0.800	0.362	60
16	Imbulgodayagama Tank	3.736	1.361	70
17	Pahala Tank	0.009	0.009	100
18	Pahala Thalambuwa Tank	0.012	0.012	100
19	Pupulewalagala Tank	0.007	0.007	100
20	Weerappuluyawa Tank	0.013	0.013	100

No	Name of the Scheme	Allocation Rs. Mn	Expenditure Rs. Mn	Physical Progress (%)
21	Ambogama Tank	0.011	0.011	100
22	Uguressawa Tank	0.012	0.012	100
23	Nelli wewa	0.006	0.006	100
24	Kohomba Kadawala Tank	0.018	0.018	100
25	Pahala Kinipitiya Tank	0.004	0.004	100
26	Gale wewa Maha wewa	0.008	0.008	100
27	Imbulgodayagama Tank	0.009	0.009	100
28	Moragaswewa Tank	0.010	0.010	100
29	Ihala Andiyakalla Tank	0.008	0.008	100
30	Lokuralage Tank	0.008	0.008	100
31	Thuththiri wewa	0.005	0.005	100
32	Unale Tank	0.013	0.013	100
33	Pahalagama Tank	0.009	0.009	100
34	Moragaswewa Tank	0.044	0.044	100
35	Gatilewa Tank Bund	0.009	0.009	100
36	Thumbullegama Tank	0.006	0.006	100
37	Aluth wewa Tank	0.007	0.007	100
38	Weehenegama Tank	0.011	0.011	100
	<b>Total</b>	<b>129.108</b>	<b>98.528</b>	



Figure 11-113: Improvements to Ambogama spill

Table 11-76: List of tanks in Wariyapola Division

No	Name of the Scheme	Allocation Rs. Mn	Expenditure Rs. Mn	Physical Progress (%)
1	Thissakirimetiya Tank	1.124	0.983	100
2	Kadapathwehera Tank	1.408	1.398	85
3	Panagamuwa Tank	2.331	1.333	57
4	Mawathawewa Tank.	0.716	0.697	75
5	Heelogama	1.608	0.577	100
6	Yakadapotha	3.318	3.217	100
7	Wahanthare Tank	0.672	0.053	40
8	Mellapotha Tank	0.504	0.49	60
9	Waduressa Tank	2.299	0.316	75
10	Munamalgahawewa	2.313	1.499	80
11	Panawa Tank	0.875	0.708	90
12	Kumbuk wewa	0.55	0.147	100
13	Kirimetiya	6.19	4.811	75
14	Deyyanegama Tank	1.36	0.743	55
15	Thennakoongama Tank	3.227	3.178	100
16	Pokunu wewa	2.15	1.34	75
17	Dambaliyadda wewa	1.027	0.572	60
18	Moragahawewa Tank	0.713	0.009	90
19	Bogoda Tank	0.713	0.713	70
	<b>Total</b>	<b>33.098</b>	<b>22.784</b>	



Figure 11-114: Kirimetiya Tank

Table 11-77: List of tanks in Galgamuwa Division

No	Name of the Scheme	Allocation Rs. Mn	Expenditure Rs. Mn	Physical Progress (%)
1	Bulnewa minor Tank	8.282	7.961	99
2	Waliyaya Anicut	4.532	3.305	90
3	Ganedivulwewa	9.451	5.932	100
4	Madadombe Main minor tank	10.627	5.2	100
5	Kukulewa maha wewa	0.115	-	
6	Nithogama Tank	2.112	-	
7	Makulewa Minor Tank	0.05	-	
8	Medagama Tank	4.776	-	
9	Outtukulama Tank		-	
10	Kdubodayagama Minor Tank	0.458	0.458	70
11	Thibbatuwawa spill canal in Moragolla Ara	-	-	
	<b>Total</b>	<b>40.403</b>	<b>22.856</b>	

Table 11-78: List of tanks in Katugampola Division

No	Name of the Scheme	Allocation Rs. Mn	Expenditure Rs. Mn	Physical Progress (%)
1	Two nos Anicut (Medagoda Pansala yaya Anicut)	2.236	1.508	100
2	New regulator in Pitadeniya yaya	0.255	0.252	100
3	Egodawela Anicut	1.508	1.465	100
4	Kokoya Anicut at Yayamulla	0.562	0.533	100
5	Fixing 4nos steel gates at Koralampotha Amuna	0.471	0.468	100
6	Indura Amuna	0.551	0.116	100
7	Kandepola anicut	0.758	0.753	100
8	Polkatuwewa Tank	1.366	0.886	100
9	Galwana anicut (construction of new regulator at raddalana in Thippapoththa Elabadagama east)	0.003	-	
10	New regulator at Essedduma Raddalana oya, Hunuwila	3.778	1.989	100
11	Makandura tank bund (Phase II)	-		
12	Metiyagane Tank	0.316	0.252	100
13	Baru wewa	-		
14	Halwella canal at Halwella	4.087	3.12	100
15	Construction of box culvert at Dematapitiya Werahera	0.64	0.637	100
	<b>Total</b>	<b>16.531</b>	<b>11.979</b>	

## b. Productivity Enhancement and Irrigation System Efficiency Improvement Project (PEISEIP)

The work is carried out jointly under Irrigation Department, Department of Agriculture, Agrarian Services Department, Irrigation Management Division. Following are the allocation distribution among the selected schemes for year 2021 for irrigation canal system improvement works and rehabilitation of small-scale irrigation structures.

Table 11-79: Allocation Distribution among selected schemes

Division	Scheme	Allocation Rs.'000	Expenditure Rs.'000	Physical Progress (%)
Hiriyala	Bathalagoda	1,031.28	1,031.28	74
	Kimbulwanaoaya	1,044.13	1,044.13	84
	Morathioya	469.81	469.81	87
	Meddeketiya	1,970.27	1,970.27	72
Katugampola	Nikapitiya	1,500.82	1,500.82	76
	Madulla	404.19	404.19	86
	Kiniyama	959.27	959.27	84
Nikaweratiya	Mediyawa	9,387.39	9,387.39	76
Galgamuwa	Usgala siyambalangamuwa	845.55	845.55	80

### 11.9.6 “WapHaula” Programme

Table 11-80: “WapHaula” Programme

Nature of the Activity	Hiriyala	Galgamuwa	Nikaweratiya	Katugampola	Wariyapola
Number of Schemes	11	7	3	5	1
1. Cultivation Meetings					
1.1 Pre Cultivation meeting	9	7	6	5	2
1.2 Cultivation Meeting	9	5	6	5	1
2. Organizational Activities					
2.1 Conducting FO Election	9	1	-	-	48
2.2 Conducting FO Annual General meeting	-	-	2	3	-
2.3 Conducting PMC Meetings	20	10	22	5	4
2.4 Preparation of FO Final Accounts	20	-	-	-	60
3. Capacity Building					
3.1 Financial Management	-	-	1	-	-
3.2 Income Management etc....	-	-	1	-	-
4. Participatory Management					
4.1 Shamadana for clearing canal bunds	20	10	5	-	69
5. Awareness programme	-	-	4	-	-

### 11.9.7 Staff Position

Table 11-81: Staff Position of the region

Designation	Office of the Director of Irrigation		Divisional Irrigation Office Hiriyala		Divisional Irrigation Office Galgamuwa		Divisional Irrigation Office Katugampola		Divisional Irrigation Office Wariyapola		Chief ME Office		ME Office		Civil Engineering materials lab	
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1															
Chief Engineer	1															
Chief Engineer (Mechanical)											0	1				
Irrigation Engineer (Civil)	4		1	1	1	1	1	1	0	1						
Engineer (ER)	0															
Engineer (Mechanical)													1	1		
Civil Engineering Material Surveyor															0	1
Accountant	1															
Administrative Officer	1															
Senior work supervisor	1															
Drawing Officer Assistant	1															
Divisional Assistant			1	1	1	1	1	1	0	1						
Divisional Assistant (Mechanical)													1	0		

Engineering Assistant			8	9	7	8	6	8	0	8						
Mechanical basic													1	1		
Institutional Development Officer	1															
Draughtsman	5		3	2	3	0	3	3	0	2						
Development officer	1		5	6	3	2	2	1	0	9	0	1	1	1		
Management Assistant	14		6	6	7	4	5	6	0	4	0	1	3	3		
Department Clerk																
Storekeeper			1	1	1	1	1	0	0	1			1	1		
Technical Service			8	8	7	5	5	4	0	8					0	1
Technical Service (Mechanical)													2	1		
Lab Assistant															0	2
Driver	4		3	3	3	4	3	3	0	5			2	2		
KKS	3		1	1	1	1	1	1	0	2	0	1	1	0		
Circuit Bungalow Keeper	1		0	1												
Plan Printer Helper	1															
Tractor Operator	5								0	1	0	1				
Storekeeper Assistant			0	1			1	1	0	1						
Mason	1		0	1												
Electrician									0	1			2	0		
Technician													5	2		
Greaser	2								0	1			1	0		
Lorry Assistant	2															
Painter													1	0		

සවිකරන්නා (Savior)													1	0		
යන්ත්‍රකරු (Machinist)													1	0		
බෙලෙක් වැඩකරු (Belek Worker)													2	1		
පැස්සුම්කරු (Welder)													3	1		
වඩුකාර්මික (Carpenter)	1															
වැද්දුම්කරු Applicator													1	1		
Operator	13				0	3				0	3					
O & M Labour																
රසායනාගාර කම්කරු (Laboratory Labour)																
නඩත්තු කම්කරු (Maintenance Labour)			9	1	9	2	6	2	0	2			1	1		
Field Watcher	1		1	0	1	1	1	0					3	2	0	1
Technical Assistant													19	0		
ගබඩා කම්කරු (store Labour)			1	0	1	0							2	2		
Labour	0		0	17	0	17	3	3	0	34	0	1	1	4	0	2
<b>Total</b>	<b>65</b>		<b>48</b>	<b>59</b>	<b>45</b>	<b>50</b>	<b>39</b>	<b>34</b>	<b>0</b>	<b>84</b>	<b>0</b>	<b>6</b>	<b>56</b>	<b>24</b>	<b>0</b>	<b>7</b>

## 11.10 Mannar Region

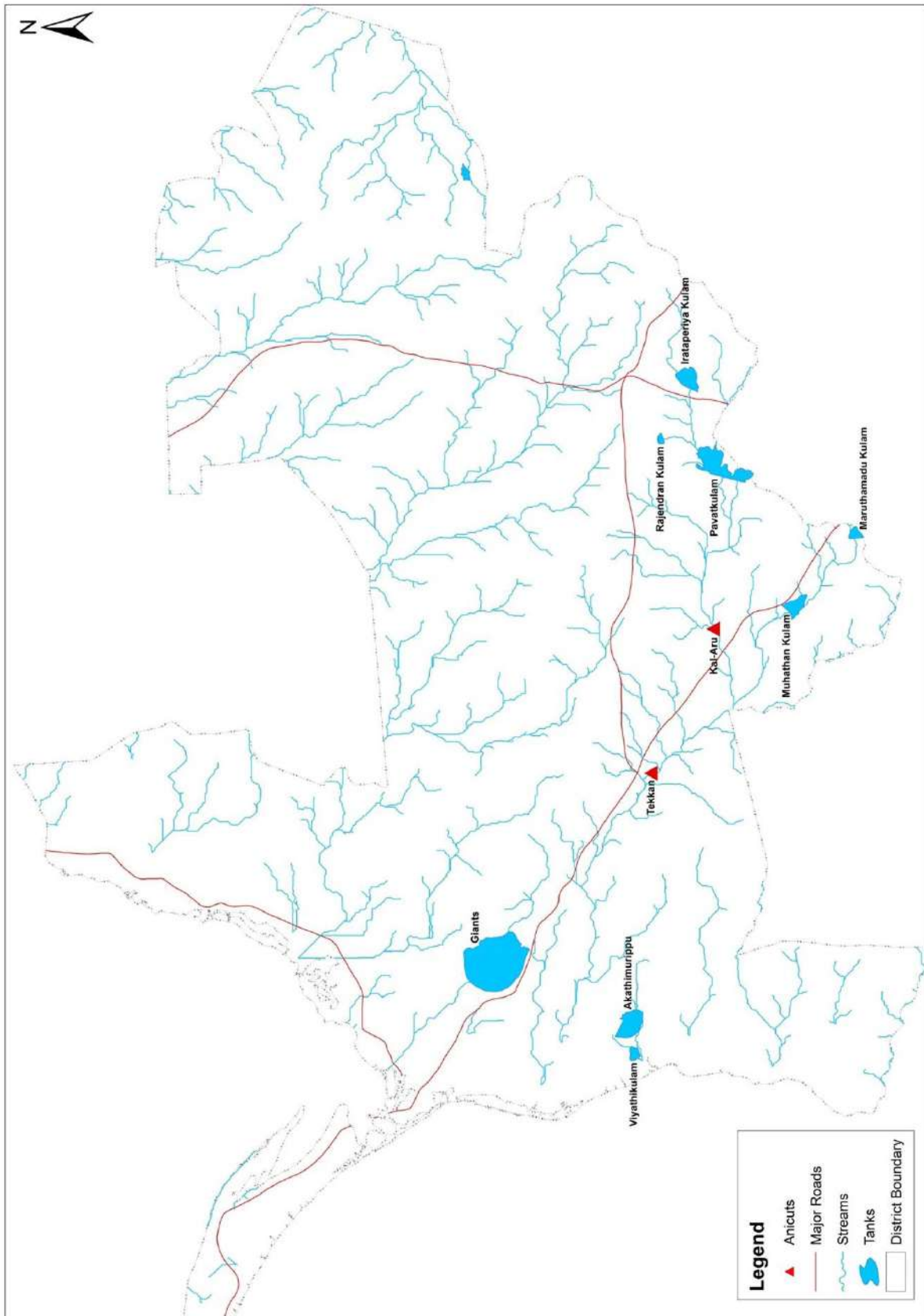


Figure 11-115 : Scheme Map of Mannar Region

### 11.10.1 Introduction

Mannar Director of Irrigation office coordinates the functions of three Divisional Irrigation Engineer's offices who are responsible for operation and maintenance as well as improvements in Irrigation, Drainage and Flood Protection of major & medium Irrigation schemes in two administration districts such as Vavuniya & Mannar Districts in Northern Province. Eight Major & Medium Tanks and one Anicut Scheme are under this Region which irrigates 14,983 hectares of paddy lands.

### 11.10.2 Divisions come under the Range

- Murunkan Division
- Silawathurai Division
- Vavuniya Division

### 11.10.3 The Details of the Irrigation Schemes under Mannar Region

Table 11-82: Details of Irrigation Schemes under the Region

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (ha)	Cultivated Extent (ha)		Total Water usage (Main sluice issue) (MCM)	
				Maha	Yala	Maha	Yala
Murunkan	Giants Tank	38.00	12,683	12,747	910	87.97	35.31
Vavuniya	Pavatkulam	33.21	1,673	1,673	890	13.71	14.53
	Muhathankulam	2.95	342	342	93	1.73	0.54
	Irataperiyakulam	4.35	250	204	204	0.58	1.03
	Maruthamadu	1.85	177	177	91	1.20	0.96
	Rajendrankulam	1.05	119	119	49	0.14	0.29
	Kal-Aru	Anicut		243	152	89	4.24
Silawathurai	Akaththimurippu	9.40	2,570	2,570	-	11.90	-
	Viyadikulam	3.04	628	994	501	14.18	9.78

### 11.10.4 Major Works Done during Year

#### a. Rehabilitation of Feeder Tanks under Giants Tank in Mannar district

The implementation of this project was done by the Divisional Irrigation Engineer Murunkan with the assistance of Asset Management Branch. This is benefit to the area under Madu, Manthai, Mannar town and Nannaddan Divisional Secretaries Divisions. It reduce crop damage, increase cultivation area, and income of the farmers resulting better living standard of the farming community of the area. The rehabilitation of 40 number of feeder tanks were completes by 2021.

#### b. Reconstruction of 4 bay canal spill cum regulator at 6+250km of Akathimurippu inlet canal scheme

The inlet canal of Tekkam anicut is overloaded during northeast monsoon period due to the insufficient canal capacity. The inlet canal carried water up to the 42 m<sup>3</sup>/s from Malwathu oya during 2011, Feb 2012 and Dec 2014. The resettlement area, paddy and agricultural lands were damaged due to floods as the inadequate capacities of the existing canal spills. Therefore, it was proposed to reconstruct the 4 bay canal spill at the inlet and the estimated cost was Rs. 10.47 million.

### 11.10.5 Divisional wise Allocation Distribution

Table 11-83: Divisional wise Allocation Distribution

Vote No.& Description	Allocation (Rs. '000)				
	Vavuniya	Murunkan	Silawathurai	DI' s Office	Total
Departmental Votes					
Management Supporting Facilities for O& M 282-02-2-0-2001(11)-14	100	100	100	200	500
O & M Gravity Works 282-02-2-1-2001(11)-3G	7,353	24,196	10,478	2,588	44,615
Farmer Organization Development & Farm Productivity & Profitability 282-02-2-0-2001(11)-8	71	-	-	-	71
Establishment & Improvements of Unit Office 282-02-2-1-2001(11)-1	337	3,690	157	6	4,190
Additional & Improvements to Existing Irrigation Works 282-02-2-3-2001(11)-1	1,960	658	-	80	2,698
Essentials Improvements Rehabilitation of Major Medium Irrigation Schemes 282-02-2-4-2001(11)-1	9,997	8,551	69,478	931	88,957
Electrical & Electro Mechanical Installation 282-02-2-0-2001(11)-7	-	1,880	-	-	1,880
Maintenance of Department Roads 282-02-02-0-2001(11)-5	-	4,356	372	84	4,812
O&M Wages 282-2-2-0-2001(11)-2	150	150	150	-	450
Improvements to Major Irrigation Work 282-02-2-2-2001	-	-	279	-	279

Maintenance and Improvement to Model Farm 282-02-2-3-2001(11)-1	-	1,700	-	-	1,700
Rehabilitation of Feeder Tanks in Giants Tank in Mannar District 282-02-3-28-2105	-	147,100	-	2,900	150,000
Maintenance & Improvements to Building 282-02-2-2001-1	800	-	1,500	-	2,300
Plant Machinery & Equipment 282-02-2-2002-1	-	510	-	-	510
Feasibility studies for Major Medium irrigation project and investigation 282-02-2-2507-8-1	-	577	190	-	767
Establishing River Profile in Major Rivers 282-2-2-5-2105-2	963	-	-	-	963
Establishment of new Hydrological station in major river 282-2-2-5-2105-3	-	-	3,044	48	3,092
Water Quality Monitoring 282-02-02-05-2105(11)-7	-	-	-	15	15
Purchase of O&M machinery and field equipment 282-2-2-0-2103-5	-	-	-	1,000	1,000
Surveying & investigation of existing scheme 282-2-2-0-2507-8-3	-	723	-	-	723
Flood Damage Repairs 282-2-2-0-2001-9	-	5,991	1810	-	7,801
Protection of Upper Catchment & Watershed Management 282-2-2-0-2001-14	-	300	-	-	300
Maintenance of Department Circuit Bungalow 282-2-2-2-2001-15	-	1,300	-	-	1,300
Supply Portable Water to the Population in the Jaffna Peninsula through the Development of Water Resources in the Vadamarachchi Lagoon 282-2-3-29-2105-11					5,000

Ministry & Other Votes					
RMMIS - Infrastructure Development 118-02-13-8-2506	-	-	10,472	-	10,472
PEISEIP Project 118-02-13-21-2506	13,630	-	11,890	34	25,554
Wari Saubhagya Programme 429-02-03-02-2506	77,502	72,767	20,285	4,460	175,014
Wari Saubhagya Programme 429-02-03-02-2506	22,000	20,000	6,000		48,000
Ministry of Agriculture 285-02-02-08-2507		1,542			1,542
Wari Saubhagya (Jaffna, Kilinochi & Mullaitheevu)- Jaffna Portable Water Supply Project 429-02-03-02-2506 & 428-07-03-08-2506					45,780

## 11.10.6 Projects Implemented Under Other Source of Funds

### a. Additional Finance under Climate Resilient Improvement Project (CRIP)

There are 6 NCB Packages of works under World Bank funded Climate Resilience Improvement Project (CRIP) were awarded for construction based on National Competitive Bidding procedures. All the works have been completed successfully and the detail description as follows.

Table 11-84: Detail description of work completed under CRIP

Scheme/ Division	Package Description	Allocation up to 2021 Rs. Mn	Cum. Expenditure Rs. (Mn)	Physical Progress %
Giants Tank / Murunkan	CRIP AF/WORKS/ID-MRK/NCB/50	60.75	45.3	100
	CRIP AF/WORKS/ID-MRK/NCB/51	23.89	21.13	100
	CRIP AF/WORKS/ID-MRK/NCB/52	90.85	82.13	100
	CRIP AF/WORKS/ID-MRK/NCB/53	21.5	18.45	100
	CRIP AF/WORKS/ID-MRK/NCB/54	17.26	13.17	100
Akaththimurippu / Silawathurei	CRIP AF/WORKS/ID- RK/NCB/55	115	97.46	100
<b>Total</b>		<b>329.25</b>	<b>277.64</b>	<b>100</b>

In addition to the above following works have been done under the CP Agreement in the final stage during the year 2021.

Table 11-85: Work completed under the CP agreement

Division / Scheme	Description of Work	Allocation in 2021 Rs. Mn	Cum. Expenditure Rs. (Mn)	Physical Progress %
Silawathurai / Akaththimurippu	CRIP AF/WORKS/ID – MAN/CP/115	1.89	1.76	100
	CRIP AF/WORKS/ID – MAN/CP/116	1.79	1.68	100
	CRIP AF/WORKS/ID – MAN/CP/117	1.82	1.82	100
	CRIP AF/WORKS/ID – MAN/CP/118	1.95	1.87	100
	CRIP AF/WORKS/ID – MAN/CP/119	1.02	1.02	100
	CRIP AF/WORKS/ID – MAN/CP/120	1.91	1.91	100
Murunkan / Giants Tank	CRIP AF/WORKS/ID – MAN/CP/121	2.00	2.00	100
	CRIP AF/WORKS/ID – MAN/CP/122	1.94	1.94	100
	CRIP AF/WORKS/ID – MAN/CP/123	1.99	1.99	100
	CRIP AF/WORKS/ID – MAN/CP/124	1.93	1.93	100
	CRIP AF/WORKS/ID – MAN/CP/125	1.99	1.99	100
	CRIP AF/WORKS/ID – MAN/CP/126	1.07	1.07	100
	CRIP AF/WORKS/ID – MAN/CP/127	2.00	2.00	100
	CRIP AF/WORKS/ID – MAN/CP/128	1.63	1.42	100
<b>Total</b>		<b>24.92</b>	<b>24.39</b>	<b>100</b>

**b. PEISIEP**

This project has been implemented in Pavatkulam, Muhthankulam, Irataiperiyakulam schemes from Vauniya division and Akaththimurippu, Viyadikulam schemes from Silawathurai division. The total allocation received for year 2021 was Rs. 25.54 Mn.

Table 11-86: Progress of work done under PEISIEP

Division	Scheme	Allocation in 2021 Rs. (Mn)	Cum. Expenditure Rs. (Mn)	Physical Progress %
Vavuniya	Pavatkulam	13.02	6.72	100
	Muhthankulam	0.50	-	-
	Irataiperiyakulam	-	-	-
Silawathurai	Akaththimurippu	7.08	4.79	100
	Viyadikulam	4.94	4.33	100
<b>Total</b>		<b>25.54</b>	<b>15.84</b>	<b>100</b>

**c. Wari Saubhagya – National Programme for Rehabilitation of Rural Tanks and Anicuts**

The tanks and Anicuts for the rehabilitation under this program are selected by a preliminary Investigation survey. The following are the numbers of tanks selected for the rehabilitation in Mannar and Vavuniya districts under Irrigation Department. The estimated cost of the work was Rs. 353.854Mn and the total amount of Rs. 223.01 Mn was allocated for Mannar region. The amount of money allocated for Jaffna and Kilinochchi district under Wari Saubhagya was Rs.45.78Mn

Table 11-87: List of tanks in Murunkan Division

Name of the Minor Tank	TEC (Rs. '000)	Expenditure (Rs. '000)	Physical Progress %
Umerthuvarankulam	8,695	6,067	92
Isaimalaithalvu	14,527	10,164	97
Vilathikulam	13,522	3,710	40
Udayarkulam	6,371	4,583	100
Vannikulam	12,419	6,425	90
Kokumadu	9,605	6,304	98
Palampiddy	4,604	1,443	65
Paalayadikulam	6,641	530	20
Thuppasiyalankulam	10,788	4,688	94
Vannamoddai	9,676	7,925	100
Adampan	7,990	6,021	100
Kowwankulam	2,095	1,765	100
Vannakulam	3,692	2,204	88
Parikarikandal	7,075	4,156	100
Alankulam	7,679	631	15
Cheddiyarmagan	12,677	608	20
Minukkankulam	2,982	1,728	100
Manipulkulam	5,117	1,413	55
Vannakulam	3,711	2,837	100
Minaranchankulam	3,935	-	5

Name of the Minor Tank	TEC (Rs.'000)	Expenditure (Rs. '000)	Physical Progress %
Ithikandal Feeder canal	4,980	305	20
Kallikulam Feeder canal	7,496	460	35
Parappukadanthan feeder canal	12,106	4,247	90
Karunkandal	7,916	1,339	30
Illanthaikulam	4,702	3,649	100
Murunkan	13,976	7,914	99
Madu lake	6,362	1,171	30

Table 11-88: List of tanks in Silawathurai Division

Name of the Minor Tank	TEC (Rs. '000)	Expenditure (Rs. '000)	Physical Progress %
Thawasikulam	11,086	3,969	50
Kalimottaikulam	5,639	4,138	100
Kayilankulam	13,179	3,437	70
Paalkulam Feeder	4,684	272	50
Seliyathukamadu	4,800	2,044	90
Noorganikulam	2,287	1,623	100
Adikarimoddai	4,635	2,442	92
Methanweli	7,926	4,953	100
Periyanochchi	6,697	1,201	65
Vannakulam	9,265		5

Table 11-89: List of tanks in Vavuniya Division

Name of the Minor Tank	TEC (Rs. '000)	Expenditure (Rs. '000)	Physical Progress %
Eachenkulam	902	6,662	100
Odeiveli	2,564	6,349	99
Varikuttiyoor	2,618	9,027	95
Kidaithalaiparichan	7,788	11,177	92
Sobalapuliyankulam	3,603	10,810	100
Velikulam	1,471	6,065	100
Vilathikulam	2,526	9,442	100
Thapasweliya	1,898	4,252	80
Nochchikulam	2,202	6,318	100
Mathavavaithakulam	4,507	3,510	60
Paranattankal	5,860	6,656	90
Velayathankulam	12,212	-	5
Helambagaswewa	2,855	3,835	90
Awaranthulawa	4,567	2,353	80
Chekkaddipulavu	7,777	1,241	30
Aaththimoddai	4,389	3,364	45
Helamwewa	4,579	2,948	45
Pulikulam	-	108	0



Figure 11-116: Rehabilitation of Methanveli



Figure 11-117: Rehabilitation of Noorganikulam

**d. Potable water supply project in Jaffna peninsula**

This project is basically a rainwater harvesting project in a massive scale. It is formed to collect rain water in Vadamarachchi lagoon and to store in a small pond Upparu lagoon to minimize the evaporation. After collecting the water in the pond, Water board can extract required amount and distribute. The project implementation is planned with separate unit under Major construction division.

**e. Irrigation Water Supply for stage 2 of Murunkan rice farm**

The Reconstruction of planking regulator and turnout sluice at 0+050 at Perichcharakaddu feeder canal under 14<sup>th</sup> mile main canal were done under this work for the improvement of stage 2 of Murunkan rice farm. The total estimated cost of the project was Rs. 1.54 Mn and the allocation were given by the Department of agriculture. The work was completed.

**f. “Wap Haula” Program in 2021**

Table 11-90: “Wap Haula” Program

Nature of the Activity	Division	Silawathurai	Vavuniya
Number of Schemes		02	06
1.1 Pre-Cultivation Meetings		04	12
1.2 Cultivation Meeting		04	12
2.1 Conducting FO Election		-	05
2.2 Conducting FO Annual General Meetings		-	05
2.3 Conducting PMC Meetings		04	42
2.4 Preparation of FO Final Accounts		-	17
3.1 Shramadana for clearing canal bunds		04	12
3.2 Maintance of Farm Roads		-	12
3.3 Maintance of Drainage Canals		06	12
3.4 OFC Cultivation		55 Acres	-
4.1 Deva Puja, Pirith etc.		-	06



Figure 11-118: Improvements of Downstream of Viyadikulam Spillway



Figure 11-119: Improvements to Main Canal of Pavatkulam & Rajendrankulam Tanks

### 11.10.7 Staff Position of the Region

Table 11-91: Staff Position

Designation	Director of Irrigation Office		Divisional Irrigation Engineer's Office						Total	
	Approved	Actual	Vavuniya		Murunkan		Silawathurai		Approved	Actual
			Approved	Actual	Approved	Actual	Approved	Actual		
Director of Irrigation	1	1	-	-	-	-	-	-	1	1
Chief Engineer	1	1	-	-	-	-	-	-	1	1
Divisional Irrigation Engineer	-	-	1	1	1	1	1	1	3	3
Irrigation Engineer	3	3	-	-	-	-	-	-	3	3
ER Engineer	1	1	-	-	-	-	-	-	1	1
Accountant	1	1	-	-	-	-	-	-	1	1
A.O (Acting)	1	1	-	-	-	-	-	-	1	1
DOA	1	-	-	-	-	-	-	-	1	-
IDO	1	1	-	-	-	-	-	-	1	1
DO	4	6	2	2	2	7	2	6	10	21

Designation	Director of Irrigation Office		Divisional Irrigation Engineer's Office						Total	
			Vavuniya		Murunkan		Silawathurai			
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
DA	-	-	1	1	1	1	1	1	3	3
EA	-	-	6	5	9	7	6	4	21	16
Technical Aide	-	-	10	4	20	4	10	5	40	13
D'Man	4	2	3	1	3	1	3	1	13	5
CEMS	1	1	-	-	-	-	-	-	1	1
CMSO	2	1	1	1	1	1	1	1	5	4
MSO	12	2	6	3	6	1	6	-	30	6
SK	1	-	1	1	1	1	1	1	4	3
S.A	1	-	1	-	1	-	1	-	3	-
Design Printer Helper	1	1	-	-	-	-	-	-	1	1
Clerk (Labor)	-	3	-	2		1	-	-	-	6
T.S. (Labor)	-	-	-	2	-	6	-	1	-	9
ML	-	-	8	6	10	3	2	-	20	9
Driver	4	-	5	-	5	-	5	2	19	2
Driver (Labor)	-	2	-	1	-	4	-	-	-	7
Relief Driver (ML)	-	-	-	-	-	1	-	-	-	1
Labourer	3	1	18	5	65	25	20	6	103	37
Watcher	2	-	2	-	2	-	2	-	8	-
Field Watcher	-	-	-	1		-	-	1	-	2
Tractor Operator	-	-	2	2	4	-	2	1	8	3
Lorry Assistant	-	-	-	-		-	-	1	-	1
K.K.S	4	2	2	1	2	-	2	-	10	3
Carpenter	-	-	1	1	1	-	1	-	3	1
Irrigator	-	-	-	1		-	-	-	-	1
EA (Trainee)	-	-	-	1	-	1	-	-	-	2
CB Keeper	-	-	1	1	1	-		-	2	1



## 11.11 Monaragala Region

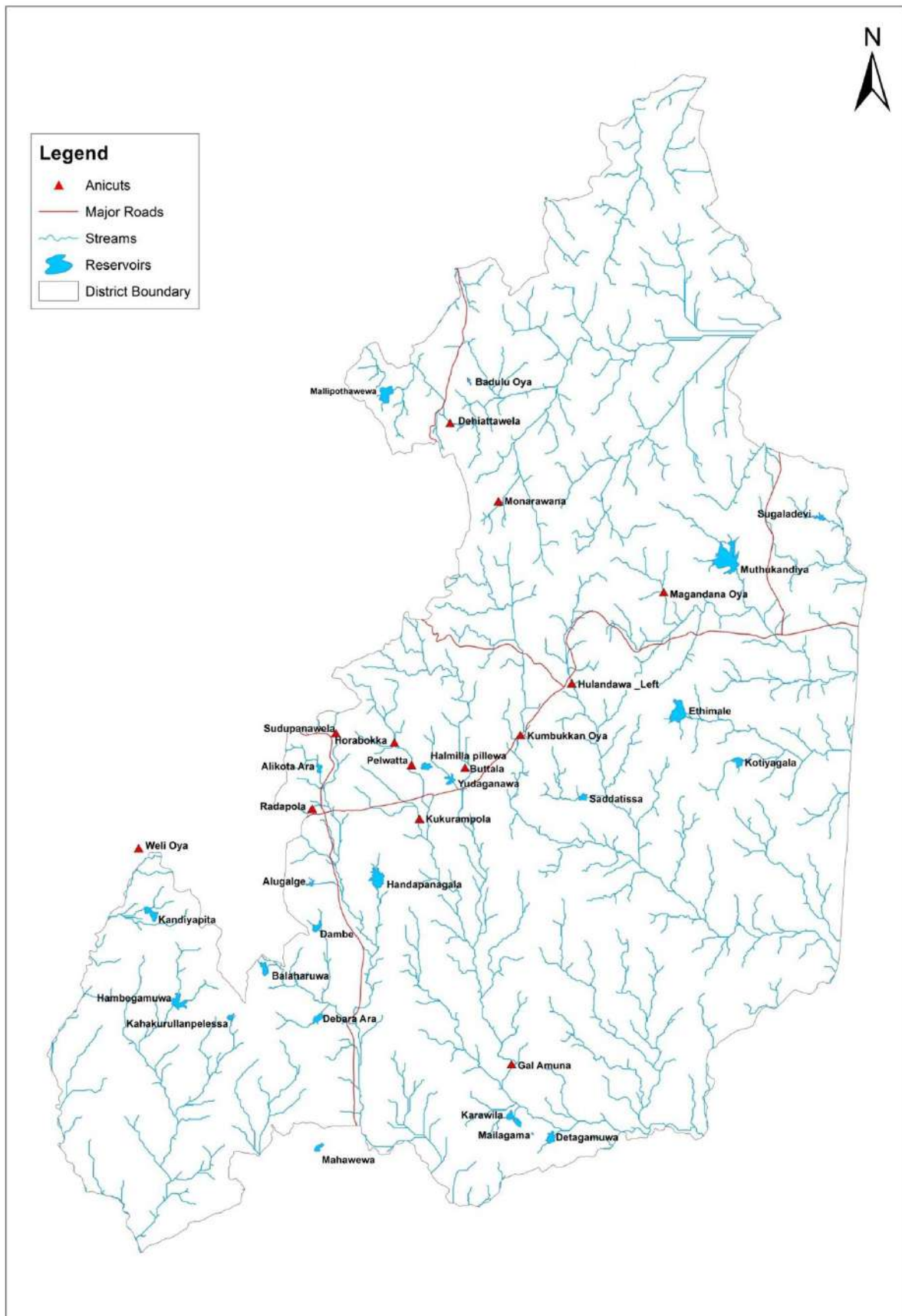


Figure 11-120: Scheme Map of Monaragala Region

### 11.11.1 Introduction

Monaragala District is the second-largest district in the country. There are 21 number of major and medium reservoirs and 13 number of anicuts that are providing irrigation water for 9,197 ha of land.

### 11.11.2 Divisions come under the Region

- Monaragala Division
- Wellawaya Division
- Bibile Division
- Weli oya Division

### 11.11.3 Details of Irrigation Schemes under the Region

Table 11-92: Details of Irrigation schemes under the region

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total Water usage (Main sluice issue) (MCM)	
				Maha	Yala	Maha	Yala
Monaragala	Buttala	Anicut	811	811	811	9.89	12.36
	Ethimale	6.8	406	406	275	4.95	4.19
	Hulandawa	Anicut	91	91	28	1.11	0.43
	Kotiyagala	2.6	182	182	85	2.22	1.30
	Kumbukkan Oya	Anicut	850	850	462	10.36	7.04
	Muthukandiya	30.3	810	810	810	9.88	12.34
	Saddathissa	1.4	171	171	87	2.08	1.33
	Yudaganawa	1.9	184	184	184	2.24	2.80
	Sugaladevi	2.9	182	72	72	0.88	1.10
Wellawaya	Alugalge	0.74	69	69	39	0.84	0.59
	Balaharuwa	1.08	190	190	190	2.32	2.90
	Dambe Wewa	1.4	132	132	132	1.61	2.01
	Debara Ara	1.2	85	85	85	1.04	1.30
	Gal Amuna	Anicut	283	Cultivated by Agrarian department			
	Halmillapillewa	2.5	85	85	85	1.04	1.30
	Horabokka	Anicut	142	142	142	1.73	2.16
	Karawila	0.42	75	75	75	0.91	1.14
	Mailagama	0.42	107	107	105	1.30	1.60
	Detagamuwa	0.88	66	0	0	0.00	0.00
	Kukurampola	Anicut	223	223	223	2.72	3.40
	Pelwatta	Anicut	172	172	172	2.10	2.62
	Radapola	Anicut	132	132	128	1.61	1.95
	Sudupanawela	Anicut	156	156	156	1.90	2.38
	Weherakema	Anicut	43.7	43.7	43.7	0.53	0.67
Handapanagala (Under Uma Oya)	18.25 (After renovation)	688	1,700	688	20.73	10.49	

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total Water usage (Main sluice issue) (MCM)	
				Maha	Yala	Maha	Yala
Weli Oya	Hambegamuwa	5.1	230	230	230	2.80	3.51
	Kahakurullan pellessa	0.48	101	-	-	-	-
	Maha wewa	0.78	81	-	31	Not Issued	0.47
	Kandiyapita	1.5	164	164	164	2.00	2.50
	Weli Oya (New)	Anicut	656	656	656	8.00	10.00
Bibila	Badulu Oya	2.7	214	214	137	2.61	2.09
	Dehiattawela	Anicut	300	300	154	3.66	2.35
	Magandana Oya	Anicut	81	40	27.1	0.49	0.41
	Monarawana	Anicut	105	65	44.5	0.79	0.68

#### 11.11.4 Division wise Allocation Distribution

Table 11-93: Divisional wise allocation distribution

Vote No. & Description	Allocation (Rs.) '000						
	Monaragala	Bibile	Wellawaya	Welioya	ME office	DI office	Total
Departmental Votes							
Maintenance & Improvements to Buildings 282-2-2-0-2001-11-1	405	828		531			1,763
Management Supporting Facilities for O&M 282-2-2-0-2001-11-12	100	100	100	125	50	175	650
O & M Gravity Irrigation works wages 282-2-2-0-2001-11-2	150	150	150	150	5		605
Maintenance of Departmental Roads 282-2-2-0-2001-11-5	1,234	604		539			2,376
FOD and Farm Productivity & Profitability 282-2-2-0-2001-11-8	45	80	45	150			320
Flood Damage Repairs and other repairs due to Natural Disasters 282-2-2-0-2001-11-9	274	5,206	2,441	2,239			10,160
Recovery of possessing & safeguarding of Departmental Lands & Reservation 282-2-2-0-2001-11-11		566					566
Maintenance of Department Circuit Bungalows 282-2-2-0-2001-11-15	118		50				168
Improvements to Feeder Canal 282-2-2-0-2001-11-19	692						692
Surveying & Investigation in existing scheme 282-2-2-0-2507-11-008-3	2,053						2,053

Feasibility studies for major medium irrigation project surveys/soil geotechnical investigation 282-2-2-0-2507-11-008-1	2,915	494					3,409
Establishment & Improvements of Unit Offices 282-2-2-1-2001-11-1	1,405		500	284			2,189
Gravity Irrigation works 282-2-2-1-2001-11-2	12,766	4,245	7,332	5,700		890	30,933
Improvements to Major irrigation works 282-2-2-1-2001-11-3			1,454				1,454
Additions and Improvements to Existing Irrigation works 282-2-2-1-2001-11-4	330						330
ERMMIS 282-2-2-4-2001-11	9,706	14,503	1,373				25,582
Embankment Protection 282-2-2-5-2105-11-6			707				707
Clean River Programme 282-2-2-5-2105-11-8			1,241				1,241
River Basin Management 282-2-2-5-2105-11-9	7,691		1,656				9,347
Ministry & Other Votes							
Rehabilitation of Major medium irrigation schemes including emergency infrastructure rehabilitation works – RACIP 198-2-3-8-2506	2,300						2,300

## 11.11.5 Projects Implemented under Other Source of Funds

### a. PEISEIP

This project has been implemented in island wide as a government funded project. This is a pivotal rehabilitation project, concerning the productivity and efficiency of schemes. Under this project, following activities will be implemented. Total allocated amount for year 2021 was Rs. 16.269 Mn.

Table 11-94: Progress of work under PEISEIP

Division	Scheme	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress %
Moneragala	Saddathissa (58) APIC	953.11	507.57	80
	Saddathissa (58) OFDC	350.40	3.23	55
	Saddathissa (58) ICIMC	239.92	-	50
	Muthukandiya (61) APIC	734.75	2.10	60
	Muthukandiya (61) OFDC	954.50	15.78	50
	Muthukandiya (61) ICIMC	330.50	2.40	30
	Construction of causeway at 8+620 m/c bund road in Muthukandiya	5,000.00	-	0
Wellawaya	Rehabilitation of Sudupanawela MC & Diulgaskanatta Distibutary canal	852.50	-	95
	Gravelling Sudupanawela canal bund road 3+250 to 3+935	760.50	692.92	100
	Rehabilitation of FC-19 of Halmillapillewa	-	-	
Bibile	Rehabilitation of m/c from 4+825km to 5+410 km & canal bund road (4+830 km to 5+320km)	2,654.70	2,570.49	95
	Rehabilitation of m/c bund road 5+665 to 7+100	900.00	56.57	60
	Construction of Magandana D canal from stn. 0+000 to 0+425	450.00	84.00	50%
Weli Oya	Rehabilitation of FC-6 RB tank m/c of Kandiyapita	-	-	
	Rehabilitation of FC-17 LB m/c of Hambegamuwa	1,887.80	459.78	55%



Figure 11-121: Construction of Magandanaoya D canal (5+227)



Figure 11-122: Construction of Magandanaoya main canal (5+290)



Figure 11-123: Construction of canal lining from 1+266 to 1+334 in FC17 canal - Hambegamuwa



Figure 11-124: Gravelling Sudupanawela canal bund road 3+250 to 3+935

#### **b. Lower Uva Project (LUMP)**

This project was started as a result of strong request made by the farmer community in the Moneragala district when the augmentation of the Lunugamvehera was proposed by diverting water from Manik ganga. The project is implemented by Divisional Irrigation Engineer Wellawaya through Major construction branch. The construction of Debara Ara feeder canal is in progress.



Figure 11-125: Debara Ara Feeder Canal

**c. Menik Ganga Project**

The works executed by Divisional Irrigation Engineer Wellawaya under the supervision of Major Construction Branch. Rehabilitation of Hangunara feeder canal in Katharagama and canal system rehabilitation of karawila tank is in progress. This project was completed in 2021.

**d. Irrigation Development Plan for Peripheral area of settlers in Pelawatta Sugar Plantation area**

The works executed by Divisional Irrigation Engineer Monaragala under the supervision of Regional Development Branch. The work under Mankada wewa, Meepale wewa and Thummulla wewa are in progress for the annual allocation of Rs. 40.00 Mn for the year 2021.



Figure 11-126: Meepale



Figure 11-127: Mankada



Figure 11-128: Thumulla

### e. Wellassa Navodaya Project

Wellasa Navodaya project is formulated to uplift the living standard of farmers in the district by improving the agricultural productivity. The construction and rehabilitation of Medium and Minor irrigation systems and development of infrastructure facilities in Monaragala district are also included. Initially the project was started as Accelerated Irrigation Development Project in 2015 and allocation was received from different votes to implement the items proposed by the project. Later in 2017 it was continued as Wellassa Navodaya Project. This is implementing through Major construction branch.

Under that project mainly minor tank schemes, anicut schemes, farm ponds as recharge wells, access roads and canal systems are rehabilitated. Total Allocation for the year 2021 was Rs.249.998 Mn.

Table 11-95: Progress of work done under Wellassa Navodaya Project

Division	Scheme	Allocation Rs. '000	Expenditure Rs, '000	Physical Progress %
Bibila	Rehabilitation of Moragolla tank	14,700	11,897	20
	Rehabilitation of Pailegama tank	55,450	40,033	70
	Rehabilitation of Uraula tank	20,000	14,900	15
	Rehabilitation of Moragolla tank (cement grouting)	183	183	100
	Drilling and Grouting Moragolla	111	111	100
	Construction of sluice hut and replace the sluice gate including all accessories in Badulu oya	1,456	798	100
Wellawaya	Improvements to Dewliya tank	6,180	5,420	88
	Balaharuwa tank bund providing rip rap & gate for LB spillway & const. new FC	10,102	7,850	85
	Improvements to Balaharuwa tank bund	481	470	100
	Construction of canal lining in Kiule yaya m/c (Liability)	1,321	1,321	
	Construction of 200 m long canal lining from 0+315 to 0+515 in Balewela yaya (Liability)	1,062	1,062	
	Improvements & Modification of Detagamuwa tank with children park and car park	83,790	70,676	75
	Thanamalwila Rural Road	2,653	2,593	100
Monaragala	Improvements to Radana tank IFF	29,604	29,601	100
	Foundation investigation at Sandaganawa tank (Liability)	772	772	
	Tank bed surveying of Sandaganawa tank	1,080	224	100
	Clearing works of rainwater ponds in Dry Farm Muthukandiya	3,000	676	20
	Improvements to Amunumulla Thalagahagedara farm access road	2,262	2,164	100
	Making fixing rod guards for gate of Kumbukkan oya anicut	188	53	100

Division	Scheme	Allocation Rs. '000	Expenditure Rs, '000	Physical Progress %
Monaragala	Yudaganawa spill (Liability)	310	310	
	Gravelling along Thalwila canal bund road of Kumbukkana anicut	1,512	108	100
	Gravelling along m/c bund road from 7+310 to 8+840 km in Kumbukkana scheme			100
	Gravelling of DC-1 bund road of Ethimale	976	129	100
	Improvements to tank bund road in Muthukandiya	2,863	212	100
	Earth filling & Gravelling tank bund in Saddathissa	2,400	322	100
	Improvements to m/c bund road from stn. 0+000 to 1+890 in Yudaganawa	1,715	201	100
	Training programme Civil 3 D for Technical staff	445	445	
Weli Oya	Fabrication of 4 nos of trash rack for welioya anicut	1,432	1,432	100
	Construction of Proposed earthen canal from Weli oya m/c to Eluke tank	2,941	1,679	30
	Rehabilitation of Mahapelessa wewa	1,414	30	1
	Improvements to Kandiyapita tank	40	41	



Figure 11-129: Clearing works of rainwater ponds in Dry farm Muthukandiya



Figure 11-130: Improvements to Amunumulla Thalagahagedara road



Figure 11-131: Gravelling along Thalvila canal bund road Kumbukkana scheme



Figure 11-132: Gravelling of DC1 bund road in Ethimale scheme



Figure 11-133: Improvements to main canal bund in Yudaganawa scheme



Figure 11-134: Earth filling and gravelling tank bund road Saddhathissa wewa



Figure 11-135: Rehabilitation of Pailegama Tank



Figure 11-136: Rehabilitation of Moragolla Tank



Figure 11-137: Rehabilitation of Uraula Tank



Figure 11-138: Improvements & Modification of Detagamuwa tank



#### f. Wari Saubhagya Programme

The 24 number of tanks were selected under this programme for the rehabilitation in Monaragala district under Irrigation Department. Out of 24 tanks inaugurated rehabilitation of 15 tanks were completed by 2021. The following table shows the details of it.

Table 11-96: Progress of work under Wari Saubhagya programme

Division	Name of the Tank	Estimated Amount Rs '000	Allocation Rs. '000	Expenditure Rs, '000	Physical Progress %
Monaragala	Ulu arawa	5,733	5,524	5,086	100
	Durathissa	10,423	10,308	10,784	100
	Dambepitiya	5,522	5,084	4,225	100
	Buduruwahinna	10,699	4,961	6,772	100
	Meekalanda	13,160	5,161	6,983	100
	Ransiri	3,051	2,991	2,901	100
	Ranketh	4,310	4,122	4,240	100
	Nikamandiya	355	90	153	100
	Yabaraththawa	14,555	11,325	9,192	100
Wellioya	Ihala Bingala ara	8,554	7,087	7,058	100
	Girakethigala	21,660	17,846	17,464	90
	Siyambalagas	10,725	7,102	2,083	80
	Chandrika Nuge	8,436	7,013	1,568	85
	Hendric Appuhami	8,258	71	71	10
	H.K.T.	3,194	2,687	2,655	100
Bibile	Hondawelakumbura	3,111	2,818	1,550	100
	Kottagahakandura	9,094	7,958	7,074	100
	Samurdhi anicut	3,530	3,378	3,026	100
	Palagetikatuwa	6,038	2,910	1,461	75
	Galahakandiya	13,239	2,605	2,507	22
Wellawaya	Bagamuwa	6,250	6,516	6,127	85
	Pokatu wewa	3,437	2,883	2,673	100
	Goyagala	25,138	15,500	6,294	95
	Hurathgamuwa	4,170	42	-	7

#### Bibile Division



Figure 11-139: Samurdhi Anicut

**Welioya Division**



Figure 11-140: Ihala bingalara Tank



Figure 11-141: Siyambalagas Tank



Figure 11-142: H.K.T Tank

**Wellawaya Division**



Figure 11-143: Bagamuwa Tank



Figure 11-144: Goyagala Tank

**Monaragala Division**



Figure 11-145: Uluarawa Tank



Figure 11-146: Durathissa Tank



Figure 11-147: Ranketh Wewa



Figure 11-148: Buduruwahinna Tank

### 11.11.6 “Wap Haula” Programme

Table 11-97: “Wap Haula” Programme

Division Nature of the Activity	Monaragala	Wellawaya	Bibile	Weli Oya
	Number of schemes	8	14	4
1. Cultivation Meetings	16	28	8	13
1.1 Pre-Cultivation Meeting	16	28	8	13
1.2 Cultivation Meeting	12	22	6	10
2. Organizational Activities				
2.1 Conducting FO Election	-	4	-	4
2.2 Conducting FO Annual General meetings	-	1	-	1
2.3 Conducting PMC meetings	20	22	8	18
2.4 Preparation of FO final Accounts	2	4	-	4
3. Participatory Management				
3.1 Shamadana for clearing canal bunds	16	28	8	12
3.2 Maintenance of Farm Roads	2	2	1	-
4. Awareness Programme				
5.1 Home gardening	4	2	-	2
5.2 OFC Cultivation	5	3	1	5
5. Other Activities				
6.2 Deva Puja, Pirith etc.	2	2	2	2

### 11.11.7 Drinking Water Extraction

Table 11-98: Drinking water extraction

Water supply Scheme	Reservoir	Extracted amount	
		M3 per Day	Annual MCM
Siyambalanduwa water supply scheme	Muthukandiya	3,000	1.095

### 11.11.8 Staff Position

Table 11-99: Staff position of the region

Designation	Director of Irrigation Office		Divisional Irrigation Office								Unit Workshop Monaragala	
			Monaragala		Wellawaya		Welioya		Bibile			
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1	-	-	-	-	-	-	-	-	-	-
Chief Engineer	1	1	-	-	-	-	-	-	-	-	-	-
Divisional Irrigation Engineer	-	-	1	1	1	1	1	1	1	1	-	-
Engineer	4	2	-	-	-	-	-	-	-	-	-	-
Mechanical Engineer	-	-	-	-	-	-	-	-	-	-	-	1
CEMS	-	1	-	-	-	-	-	-	-	-	-	-
Accountant	1	1	-	-	-	-	-	-	-	-	-	-
Administrative Officer	1	-	-	-	-	-	-	-	-	-	-	-
Drawing Office Assistant	1	-	-	-	-	-	-	-	-	-	-	-
Divisional Assistant	-	-	1	1	1	1	1	-	1	-	-	-
Engineering Assistant	-	-	9	9	9	8	8	3	8	5	-	-
Institute Development Officer	1	1	-	-	-	-	-	-	-	-	-	-
Development Officer	1	1	4	4	5	3	2	1	4	1	-	-
Draughtsman	4	4	3	2	3	2	3	1	3	1	-	-
Public Management Assistant	14	15	5	3	5	5	5	2	5	4	-	-
Aquatic science field assistant	-	-	-	1	-	-	-	-	-	-	-	-

Designation	Director of Irrigation Office		Divisional Irrigation Office								Unit Workshop Monaragala	
			Monaragala		Wellawaya		Weliyoa		Bibile			
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Technical Assistant (Civil)	-	-	6	8	6	8	6	2	6	7	-	0
Plan Printer	1	1	-	-	-	1	-	-	-	-	-	-
Store Keeper	-	-	1	-	1	1	1	-	1	1	-	1
Store Helper	-	-	1	1	1	2	1	1	1	2	-	1
Driver/Relief Driver	4	4	3	7	3	3	3	4	3	4	-	4
Operator	-	-	-	-	-	-	-	-	-	1	-	4
Tractor Operator	-	-	2	1	-	3	-	1	-	1	-	1
Labourer	-	4	7	14	7	11	7	13	7	11	-	3
Mason	1	-	-	-	-	-	-	-	-	-	-	-
Senior WS	1	-	-	-	-	-	-	-	-	-	-	-
Carpenter	1	1	-	-	-	-	-	-	-	-	-	-
Cleaner	-	-	-	1	-	-	-	-	-	-	-	-
Mechanic	-	-	-	-	-	-	-	-	-	-	-	1
Electrician	-	-	-	-	-	-	-	-	-	-	-	-
K.K.S	2	5	2	2	2	3	2	-	2	2	-	-
Grasser	-	-	1	1	-	1	-	-	-	1	-	2
Field Watcher	1	1	-	1	1	-	1	-	1	1	-	2
Lorry Assistant	-	-	-	-	-	-	1	-	1	1	-	1
Circuit Bungalow Keeper	-	-	1	-	-	-	-	-	-	-	-	-
Sanitary Labourer	-	-	-	-	-	-	-	-	-	-	-	-
Watcher	1	-	-	-	-	-	-	-	-	-	-	-
Hydraulic Field Assistant	-	-	-	2	-	-	-	-	-	-	-	-

## 11.12 Polonnaruwa Region

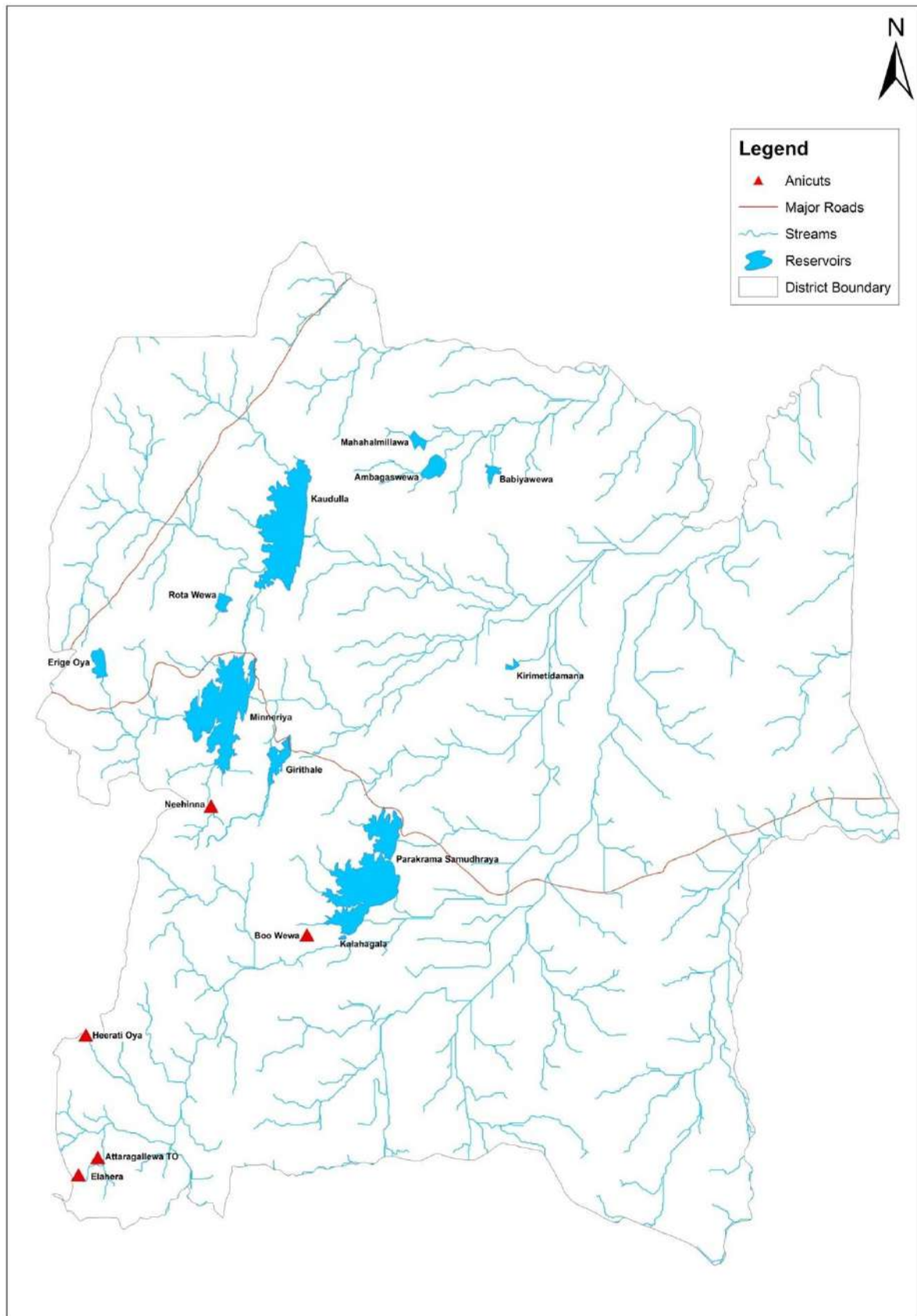


Figure 11-149: Scheme Map of Polonnaruwa Region

### 11.12.1 Introduction

Office of the Director of Irrigation – Polonnaruwa Range coordinates the functions of 4 Divisional Irrigation Engineer’s Offices which is responsible for the operation and maintenance as well as improvements in irrigation, drainage and flood protection of major and medium tanks in Polonnaruwa district. There are four divisions in this range i.e. Polonnaruwa, Minneriya, Kaudulla and Elahera.

### 11.12.2 Divisions come under the Region

- Polonnaruwa Division
- Minneriya Division
- Kaudulla Division
- Elahera Division

### 11.12.3 Details of Irrigation Schemes under the Region

Table 11-100: Details of Irrigation schemes under the region

Division	Schemes	Capacity at FSL / (MCM)	Irrigable Extent/ (Ha)	Cultivated Extent (Ha)		Total Water issue from the sluice / (MCM)	
				Maha	Yala	Maha	Yala
Polonnaruwa	Parakrama Samudraya Scheme	143.2	10,193	10,121	10,121	100.15	142.72
	Boo Wewa		134	95.14	95.14	N/A	N/A
Minneriya	Minneriya	135.7	9,096	9,096	9,096	57.72	90.61
	Giritale	27.0	3,076	3,076	3,076	44.96	49.33
	Erige Oya	1.3	91	91	-	N/A	N/A
Kaudulla	Kaudulla	128.3	5,869	4,273.6	4,273.6	29.01	58.44
	BebiyaWewa	1.6	93	93	-	N/A	N/A
	MahahalmillaWewa	1.1	152	141.7	-	N/A	N/A
Elahera	System ‘G’		6,677	6,677	6,677	18.73	89.46
	Atharagllewa		243	243	243	N/A	N/A
	Heeratioya		86	85.83	85.83	N/A	N/A
	Nehinna		330	330	330	N/A	N/A

## 11.12.4 Major Works Completed during the year

### a. Polonnaruwa Irrigation Development Project

This Project was planned with objective of flood mitigation and improve the water management in Polonnaruwa District. The allocation is 7,258 million with project period of five years and project was started in 2017. Rs. 200 million was allocated for year 2021 to rehabilitation of canal systems in PSS, Minneriya, Girithale, Kaudulla and System 'G' and 100% physical and financial progresses were achieved under the project as per the target of the year.

Table 11-101: Details of the work done

No.	Main Activity	Allocation Rs. Mn	Expenditure Rs. Mn	Physical Progress (%)
1	Rehabilitation and Improvements of Main Canal, D Canal, Field Canal, Agricultural road & Drainage system in Parakrama Samudraya scheme	57.88	57.88	100
2	Rehabilitation and Improvements of Main Canal, D Canal, Field Canal, Agricultural road & Drainage system in Minneriya & Girithale scheme	41.07	41.07	100
3	Rehabilitation and Improvements of Main Canal, D Canal, Field Canal, Agricultural road & Drainage system in Kaudulla scheme	42.58	42.58	100
4	Rehabilitation and Improvements of Main Canal, D Canal, Field Canal, Agricultural road & Drainage system in System 'G' & Nehinna scheme	26.87	26.87	100



Figure 11-150: Construction of D1 North canal lining in PSS



Figure 11-151: Construction of 3 bay regulators across the Woulbokkuwa drainage canal in Kaudulla Division



Figure 11-152: Construction of Hume pipelining in Heeratioya main canal in Heeratioya scheme



Figure 11-153: Construction of Canal lining from 0+200 to 0+300 in FC 7 in Track 33 FO area in System 'G' in Elahera Division

**b. Extension of Branch canal No 1 off HLMC of Kaudulla Tank to Damsopura Tank**

This project was implemented as a medium irrigation project through Regional Development branch. This was completed successfully.



Figure 11-154: Construction of Bifurcation Structure in Damsopura Project



Figure 11-155: Construction of Trough in Damsopura Project II

**c. "Gama Samaga Pilisandara" Programme**

The programme 'Gama Samaga Pilisandara' was held on January 16th, 2021 with the participation of His Excellency the President Gotabaya Rajapaksa in Polonnaruwa. The following works were started as per the request made by the farmers of the area.

Table 11-102: Details of the work done

No.	Main Activity	Allocation Rs. Mn	Expenditure Rs. Mn	Physical Progress (%)
1	Construction of feeder canal from Girithale tank to Kirimitipiya Tank in Minneriya Division	45.4	45.4	95
2	Improvements to Kusumpokana Tank in Minneriya Division	23.65	23.65	100
3	Construction of Kumara Ela Anicut in Elahera Division	20.0	20.0	85
4	Improvements to Irrigation system, Agriculture road and Drainage systems in Kaudulla Division	30.9	30.9	100



Figure 11-156: Improvements of Thambalawewa D6 diversion structure in Girithale scheme



Figure 11-157: Gravelling of Girithale Main canal bund road from 0+850 to 3+250 in Girithale scheme



Figure 11-158: Improvements to Spillway of Kiritipitiya Tank in Minneriya



Figure 11-159: Improvements to D01 canal Bund from 0+000 to 4+100 in Samagi DCO Area in Kaudulla Division

#### d. “Wari Saubhagya” National Programme

There are 10 tanks and 18 tanks were selected for rehabilitation Under the Wari Saubhagya National Programme for Polonnaruwa district for the year 2021 by Irrigation Department. Total estimated cost was Rs. 190 Mn. And the Expenditure was Rs. 88 Mn. with liabilities Rs.36.3 Mn.

#### Main components of the project

Table 11-103: Component 1- Rehabilitation/ Renovation/ Modernization of Tanks

No	Components/Activities	Total Estimated Cost (Rs. Mn)	Allocation 2021 (Rs. Mn)	Expenditure (Rs. Mn)	Progress %
1	Meegas wewa tank	10.37	5.00	6.84	100
2	Madyamala wewa tank	13.48	12.20	8.19	100
3	Palu wewa tank	7.05	7.00	4.66	100
4	Kalagahala wewa tank	2.90	2.77	0.20	2
5	Elikimbulawa wewa	7.65	6.20	4.35	100
6	Ihala Siyambalagas wewa	6.42	5.20	0.15	100
7	Mirishenna wewa	1.59	1.20	1.45	100
8	Bebiya Wewa	15.45	10.20	12.60	100
9	Watadage Tank	3.00	2.20	1.55	95
10	Gal Vihara Tank	1.09	1.00	0.70	85

Table 11-104: Component 2- Rehabilitation/ Renovation/ Modernization of Tanks

No.	Components/Activities	Total Estimated Cost (Rs. Mn.)	Allocation 2021 (Rs. Mn.)	Expenditure (Rs. Mn.)	Progress %
1	Pekkulam Anicut	5.92	5.48	5.24	95
2	Thanthuneri Anicut	13.00	7.20	2.65	90
3	Heeratioya Anicut	6.14	2.20	3.29	100
4	Srikanduyaya Anicut	4.70	4.20	4.69	100
5	Goonu Anicut	12.84	12.49	4.83	80
6	Premadasha Anicut	10.98	5.00	0.02	5
7	Pinamankade Anicut	7.89	7.86	5.53	100
8	Divulapitiya Anicut	0.34	0.34	0.23	100
9	Kumukan Aru Anicut i	7.34	3.20	4.22	70
10	Deberella Anicut	11.95	7.20	0.76	15
11	Ulkatula Anicut	5.70	3.50	0.31	5
12	Nelson Anicut	3.68	2.80	0.46	100
13	Kotikapitiya Anicut	7.57	3.20	4.71	80
14	Ulpath wewa RB 3 Anicut	2.54	1.20	1.08	90
15	Palugollawa Anicut	3.32	1.20	1.99	95
16	Meegollawa Anicut	0.91	0.20	0.39	100
17	Nawa shakthi Anicut	8.15	2.20	2.19	50
18	Kuda gal Amuna	8.74	1.20	1.84	90



Figure 11-160: Construction of Meegas Wewa in Kaudulla Division



Figure 11-161 : Construction of Pinamankada Anicut in Minneriya Division



Figure 11-162: Construction of Bebiya Wewa in Kaudulla Division



Figure 11-163: Rehabilitation of Palu Wewa in Minneriya Division



Figure 11-164: Rehabilitation of Madyamala Wewa in Minneriya Division

**e. Productivity Enhancement & Irrigation System Efficiency Improvement Project (PEISEIP)**

The following schemes have been selected to implement the PEISEIP project in the Polonnaruwa Range.

Table 11-105: Progress of work under PEISEIP

Division	Scheme	Allocation Rs.'000	Expenditure Rs.'000	Physical Progress %
Minneriya	Girithale	2,360	2,360	100
Kaudulla	Ambagas Wewa	1,561	1,555	100
	Bebiya Wewa	2,739	120	100
Elahera	Nehinna	1,000	736	100
	Heerati Oya	1,424	1,153	100

### 11.12.5 Divisional wise Allocation Distribution

Table 11-106: Divisional wise Allocation Distribution

Description of Vote	Allocation (Rs '000)					
	Polonnaruwa	Minneriya	Kaudulla	Elahera	DI Office	Total
Departmental Votes						
Maintenance & Improvements to Buildings 282-2-2-0-2001-11-1	-	-	-	4,500	-	4,500
Operation & Maintenance of Gravity Irrigation Works (Wages) 282-2-2-0-2001-11-2	150	150	149	150	4	603
Maintenance of Department Roads 282-2-2-0-2001-11-5	975	900	-	700	-	2,575
FOD & Farm Productivity & Profitability 282-2-2-0-2001-11-8	3	-	185	25	-	213
Improvements to head works of tanks for additional safety 282-2-2-0-2001-11-10	2,799	1,250	2,250	-	-	6,299
Management Supporting Facilities for O&M 282-2-2-0-2001-11-12	190	125	102	115	118	650
Maintenance & Improvements of Department circuits Bungalows 282-2-2-0-2001-11-15	900	100	-	-	-	1,000
Plant, Machinery & Equipment 282-2-2-0-2002-11-1	-	-	-	-	3,168	3,168
Vehicles 282-2-2-0-2003-11	-	-	-	-	3,349	3,349
Purchase of Machinery 282-2-2-0-2103-11-1	-	-	-	-	1,074	1,074

Purchase of O&M Machinery & Field Equipment 282-2-2-0-2103-11-5	-	-	-	-	1,000	1,000
Purchase of Equipment for Mechanical Workshop 282-2-2-0-2103-11-6	-	-	-	-	252	252
Establishment & Improvement of Unit Offices 282-2-2-1-2001-11-1	-	-	-	2,000	-	2,000
Gravity Irrigation Works 282-2-2-1-2001-11-2	16,097	19,302	8,693	17,959	593	62,644
Additions & Improvements to existing Irrigation Works 282-2-2-1-2001-11-4	-	-	-	-	19	19
Polonnaruwa District Irrigation Development Project 282-2-3-21-2105-11	57,876	40,409	42,584	26,870	663	168,402
ERMMIS 282-2-2-4-2001-11	1,000	-	1,329	-	-	2,329
Establishing River Profiles in Major Rivers 282-2-2-5-2105-11-2	-	20,000	-	-	-	20,000
Establishment of New Hydrological Gauging Station in Major Rivers 282-2-2-5-2105-11-3	2,909	-	-	-	-	2,909
Community Awareness 282-2-2-5-2105-11-5	-	-	-	-	39	39
Embankment Protection 282-2-2-5-2105-11-6	-	7,500	-	-	-	7,500
Water Quality Monitoring 282-2-2-5-2105-11-7	-	-	-	-	100	100
River Basin Management 282-2-2-5-2105-11-9	3,135	11,771	-	2,868	-	17,773
Extension of Kaudulla Stage II (Ella upto Damsopura Wewa) 282-2-4-46-2105-11	-	-	55,800	-	200	56,000

Ministry & Other Votes						
Repair of RPM Quarters 198-2-3-0-2001	-	-	-	-	278	278
Rehabilitation of Major Medium Irrigation Schemes including Emergency Infrastructure Rehabilitation Works - Infrastructure Development 198-2-3-8-2506	9,997	6,409	1,551	2,408	475	20,840
PEISEIP (NEW) 198-2-3-21-2506	-	2,360	1,774	1,890	50	6,074
Gama Samaga Pilisandara 198-2-3-46-2506	-	47,110	14,877	14,675	1,210	77,872
State Ministry of Urban Development, Waste Disposal and Community Cleanliness 411-2-3-33-2506	57	-	-	-	-	57
Wari Saubhagya National programme for Rehabilitation of Rural Tanks and Anicuts (New) 282-2-4-51-2506	-	12,078	4,999	8,000	-	25,077
Wari Saubhagya National Programme for Rehabilitation of Rural Tanks and Anicuts 428-2-3-8-2506	974	1,694	7,356	3,721	350	13,744
Wari Saubhagya National Programme for Rehabilitation of Rural Tanks and Anicuts 429-2-3-2-2506	5,564	17,345	10,149	8,734	7,061	41,792
<b>Total</b>	<b>102,625</b>	<b>188,500</b>	<b>151,797</b>	<b>94,615</b>	<b>20,001</b>	<b>537,537</b>

## 11.12.6 “Wap Halua” Programme

Table 11-107: ‘Wap Haula’ Programme

Name of the Activity	Polonnaruwa	Minneriya	Kaudulla	Elahera		
	Boowewa	Erigeoya	Babiya wewa	Attaran gallewa	Heerati oya	Nehinna
1. Cultivation Meetings						
1.1 Pre cultivation Meeting	2	2	2	2	2	2
1.2 Cultivation meeting	2	2	2	2	2	2
2. Organizational Activities						
2.2 Conducting FO Annual General Meetings	-	-	-	-	1	-
2.3 Conducting PMC Meetings	-	3	4	7	2	3
2.4 Preparation of FO Final Accounts	Yes	Yes	Yes	Yes	Yes	Yes
3. Participatory Management						
3.1 Shramadana for cleaning canal bunds	2	3	3	3	4	4
3.2 Maintenance of Farm roads	-	15	2	-	-	1
3.3 Maintenance of Drainage canals	-	-	-	-	4	-
4. Awareness Programmes						
4.1 OFC Cultivation	-	1	-	-	-	-
5. Other Activities						
5.1 Devi Puja	-	2	1	1	2	1
5.2 Turmeric Cultivation			2 Perches			
5.3 Organic Fertilizer	6 Tons	12 Tons	8 Tons	7	5	5
5.4 Rich Gourd			2 Perches			

## 11.12.7 Drinking water extraction

Table 11-108: Drinking water extraction

Water supply scheme	Reservoir	Extracted Amount	
		m <sup>3</sup> Per Day	Annual MCM
NWSDB of Polonnaruwa	D2 main canal Parakrama Samudra	10,855	3.91
NWSDB of Medirigiriya	Kaudulla low level main canal	40,000	14.6
NWSDB of Minneriya	Minneriya left bank main canal	14,000	5.11

### 11.12.8 Staff Position

Table 11-109: Staff Position of the region

Designation	Director of Irrigation's Office		Divisional Irrigation Engineer's Office								Mechanical Workshop Minneriya	
			Polonnaruwa		Minneriya		Kaudulla		Elahera			
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1	-	-	-	-	-	-	-	-	-	-
Chief Engineer	1	1	-	-	-	-	-	-	-	-	-	-
Divisional Irrigation Engineer	-	-	2	1	2	1	2	1	1	1	-	-
Engineer	4	3	-	-	-	-	-	-	-	-	-	-
Mechanical Engineer	-	-	-	-	-	-	-	-	-	-	1	1
Earth Resources Engineer	1	1	-	-	-	-	-	-	-	-	-	-
Accountant	1	1	-	-	-	-	-	-	-	-	-	-
Administrative Officer	1	1	-	-	-	-	-	-	-	-	-	-
Drawing Office Assistant	1	01*	-	-	-	-	-	-	-	-	-	-
CEMS	1	1	-	-	-	-	-	-	-	-	-	-
Divisional Assistant	-	-	1	1	1	1	1	1	1	1	-	-
Engineering Assistant	-	-	12	9	10	8	8	7	8	7	-	-
Development Officer	5	4	2	3	2	3	2	-	2	3	-	-
Draughtsman	5	4	3	1	3	1	3	1	3	1	-	-
Public Management Assistant	15	15	5	6	5	5	5	4	5	3	1	1
Aquatic science field assistant	-	-	-	-	-	-	-	-	-	-	-	-
Technical Aid (Civil)	-	-	12	8	8	5	8	7	8	5	-	-
Plan Printer	1	1	-	-	-	-	-	-	-	-	-	-
Storekeeper	-	-	1	1	1	1	1	1	1	1	1	1
Store Helper	-	-	1	-	1	-	1	1	1	1	1	1

Driver	4	2	3	3	3	4	3	3	3	1	1	1
Operator	7	-	-	1	-	-	-	2	-	-	-	1
Tractor Operator	7	-	1	-	1	-	-	-	-	1	-	1
O & M labor	-	-	31	8	22	10	22	6	22	11	-	-
Mason	1	-	-	1	-	-	-	-	-	-	-	-
Carpenter	1	-	-	-	-	1	-	-	-	-	-	-
Cleaner	-	-	-	-	-	-	-	1	-	-	-	-
Mechanic	-	-	-	-	-	-	-	-	-	-	2	2
Electrician	-	-	-	-	-	-	-	-	-	-	-	-
K.K.S	3	4	2	3	2	2	2	2	2	1	-	-
Greaser	4	-	-	-	1	1	-	-	-	-	-	-
Watcher	-	-	-	-	-	-	-	-	-	-	-	-
Lorry Assistant	1	1	1	-	-	-	-	-	-	-	-	-
Circuit Bungalow Keeper	-	-	-	-	1	1	-	-	-	-	-	-
Field Watcher	1	2	1	-	1	-	1	-	1	-	2	2
Welder	-	-	-	-	-	-	-	-	-	-	-	-
Labourer	6	6	15	15	10	10	14	14	18	18	2	2

### 11.12.9 Photographs of work done in year 2021



Figure 11-165: Installing Solar lights, CCTV camera system & Improvements the appearance in Elahera main Anicut



Figure 11-166: Renovation to IDEQ 01 in Elahera division



Figure 11-167: Improvements Nawashakthi Anicut & canal system in Nawashakthi DCFO area



Figure 11-168: Construction of Sluice House for Girithale Tank



Figure 11-169: Landscaping around the Angamadilla Anicut area



Figure 11-170: Turmeric cultivation and Organic fertilizer in Kaudulla division

### 11.13 Puttalam Region

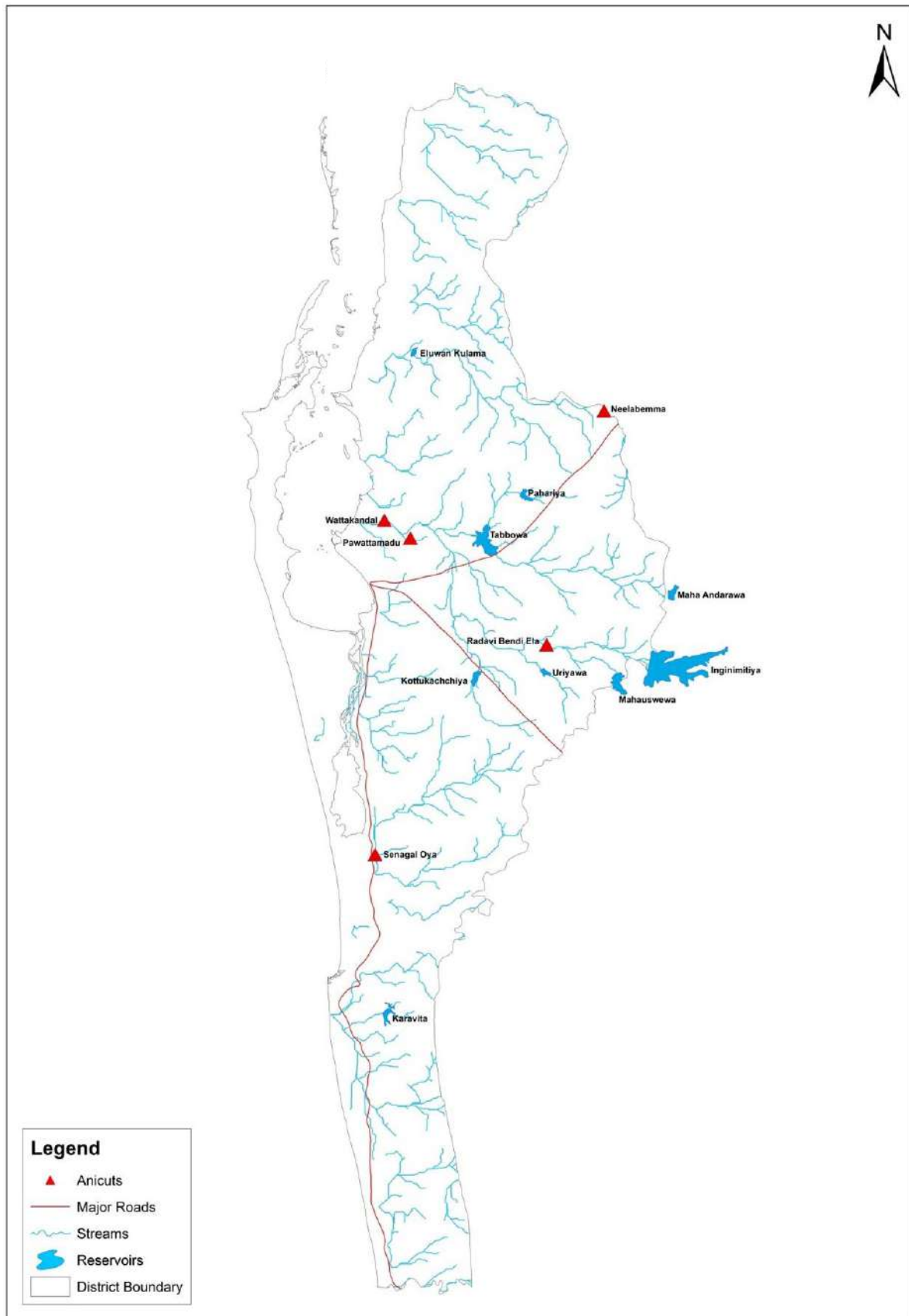


Figure 11-171: Scheme Map of Puttalam Region

### 11.13.1 Introduction

Area covers under the puttalam district comes under puttalam Region. Many rivers reach the sea from this region. Kala oya, Mee oya, Deduru oya, Maha oya are the major rivers and many medium rivers such as Lunu oya, Kolamunu oya, Rathambala oya etc. Further, other than the major and medium tanks there are more than thousand minor tanks are within the Region.

### 11.13.2 Divisions come under the Region

There are two divisions under Puttalam Region which are Puttalam division and Inginimitiya division.

### 11.13.3 Details of Irrigation Schemes under the Region

Table 11-110: Details of the Irrigation schemes

Division	Scheme	Capacity at FSL [MCM]	Irrigable area [ha]	Cultivated extent[ha]		Total water issue from the sluice [MCM]		
				Maha	Yala	Maha	Yala	
Puttalam	Thabbowa	18.940	847	847	900	10.55	10.94	
	Pawaddamadu		121	192	192	*	2.92	
	Pahariya	2.210	146	146	146	*	2.22	
	Kottukachiya and Kachimadu	4.760	347	371	371	*	5.64	
	<b>Sengaloya complex 8 tanks in series</b>							
	1.Suruwila	0.708	111	111	111	*	*	
	2.Pinkatiyawe	0.359	117	117	117	*	*	
	3.Andanankattuwa	0.172	32	32	32	*	*	
	4.Maiyawa	0.886	89	89	89	*	*	
	5.Anaiwilunthawa	0.541	124	124	124	*	*	
	6.Irakkawela	0.145	124	124	124	*	*	
	7.Maradansole	0.123	40	40	40	*	*	
	8.Wellawela	0.109	36	36	36	*	*	
	Kolamunu oya anicut	Entire irrigable area under Agrarian Development Dept						
	Neelabemma anicut		672	691	691	*	10.50	
Karavitawewa	3.690	402	402	402	*	6.11		
Eluwankulamwewa	0.258	219	263	263	*	4.00		
Wattakandal anicut		200	200	203	*	*		
Inginimitiya	Inginimitiyawewa	72.324	2417	2,159	2417	170.61	242.42	
	Mahauswewa	4.182	397	360	397	5.47	7.24	
	Mahaandarawewa	2.232	152	134	152	2.04	2.31	
	Uriyawe	1.279	132	97	132	1.47	2.41	
	Galkissa anicut							

### 11.13.4 Divisional wise Allocation Distribution

Table 11-111: Divisional wise allocation distribution

Vote Description / Vote No	Allocation (Rs) '000		
	Puttlam	Inginimitiya	Total
Management Supporting Facilities for O&M 282-2-2-0-2001-11-12	100	185	285
Gravity Irrigation Works 282-2-2-1-2001-11-2	11,508	11,969	23,478
Maintenance and Improvements to Buildings 282-2-2-0-2001-11-1	2,340	1,552	3,892
Maintenance of Departmental Road in Irrigation Schemes 282-2-2-0-2001-11-5	1,083	1,042	2,126
Flood Damage Repairs and Other Repairs due to Natural Disasters 282-2-2 -0-2001-11-9	5,283	2,919	8,202
O & M of Gravity Irrigation Works (Wages) 282-2-2-0-2001-11-2	75	75	150
Improvements to Major Irrigation Works 282-2-2-1-2001-11-3	-	3,566	3,566
Essential Rehabilitation of Major Medium Irrigation Schemes 282-2-2-4-2001-11	23,053	39,837	62,890
Additional & Improvements to Existing Irrigation Works 282-2-2-1-2001-11-4	100	3,127	3,227
Lift Irrigation Project 282-02-2-2507(11)-2-14	468	900	1,368
O&M of Drainage & Flood Protection Works 282-2-2-0-2001-11-4	200	-	200
Improvements to Head Works of Tanks for Additional Safety 282-2-2-0-2001-11-10	1,000	60	1,060
Establishment & Improvement of Unit Offices 282-2-2-1-2001-11-1	1,000	-	1,000
FOD and Farm Productivity & Profitability 282-2-2-0-2001-11-8	-	25	25
Purchase of Furniture and office Equipment 282-2-2-0-2102-11	318,84	-	318,84
Feasibility studies for major medium irrigation projects & Surveys/soil/geo technical investigation 282-2-2-2507-11-008-1	2,239	200	2,439
Deduru Oya Project 282-2-3-1-2105-11	-	24,707	24,707
Survey & Investigation of existing scheme 282-2-2-0-2507-11-008-3	100	-	100
Improvement to spill tail canal and drainage system in irrigation schemes 282-2-2-0-2001-11-16	1,125	1,562	2,687
Improvement to feeder canal 282-2-2-0-2001-11-19	-	374	374

Vote Description / Vote No	Allocation (Rs) '000		
	Puttlam	Inginimitiya	Total
Calibration & Water Management Studies 282-02-2-0-2507-11-009-7	-	20	20
Embankment protection 282-2-2-5-2105-11-6	83	-	83
Community awareness 282-2-2-5-2105-11-5	490	-	490
River basin management 282-2-2-5-2105-11-9	2,078	-	2,078
Ministry & Other Votes			
Major & Medium Irrigation Schemes -Infrastructure Development 118-2-13-8-2506	960	5,175	6,135
Yakkamunna Project 198-2-3-8-2506	947	-	947
<b>Total</b>	<b>54,552</b>	<b>97,295</b>	<b>151,847</b>

### 11.13.5 Projects implemented under other source of funds

#### a. Additional Finance under CRIP

Table 11-112: Additional Finance under CRIP

Division	Scheme	Allocation (Rs)	Expenditure (Rs)	Physical progress
Puttalam	CRIP AF/WORKS/ID-PUT/NCB/87	24,211,742.34	24,211,742.34	100%
	CRIP AF/WORKS/ID-PUT/NCB/88	34,686,264.56	34,686,264.56	100%
Inginimitiya	CRIP AF/WORKS/ID-PUT/NCB/109	3,106,392.80	3,106,392.80	100%

#### b. PEISEIP

Four numbers of works had been commenced in Tabbowa scheme in Puttalam division in this year and two of them are complete

Table 11-113: Allocation received under PEISEIP Project

Work Description	TEC (Rs.Mn)	Total Allocation received (Rs.Mn)	Total Financial progress (Rs.Mn)
Rehabilitation of OT-27/RBMC at Monarawewa F.O area from 0+000 to 0+780m	6.34	5.34	5.86
Rehabilitation of FC2/D3 RBMC at Monarawewa F.O area from 0+000 to 0+241m	1.19	1.19	0.84
Rehabilitation of FC3/D3 RBMC at Monarawewa F.O area from 0+000 to 0+490m	3.05	3.05	3.05
Rehabilitation of FC1/D3 RBMC at Monarawewa F.O area from 0+000 to 0+244m	1.94	1.94	1.94
<b>Total</b>	<b>12.52</b>	<b>11.52</b>	<b>11.69</b>

### c. IWPIP

The seven numbers of revote work had been commenced and two of them were completed in this year.

Table 11-114: Details of IWPIP Project

Division	Description	T.C.E (Rs)	Cumulative Allocation up to December (Rs.)	Physical progress %
Puttalam	Surveying & Levelling of Pawattamaduwa tank bund in Pawattamaduwa scheme	14,500.00	8,320.00	100
	Surveying & Investigation of main canals of Kottukachchiya & Kachchimaduwa	110,000.00	52,700.00	100
Inginimitiya	Surveying, Levelling & Investigation in Uriyawa scheme	148,000.00	24,450.00	70
	Surveying, Levelling & Investigation in RBMC at Inginimitiya scheme	871,000.00	99,300.00	60
	Surveying, Levelling & Investigation in Maha uswewa scheme	245,000.00	118,100.00	70
	Surveying, Levelling & Investigation in RBE scheme	550,000.00	113,800.00	65
	Surveying, Levelling & Investigation in LBMC	936,000.00	190,400.00	75
<b>Total</b>		<b>2,874,500.00</b>	<b>607,070.00</b>	

### d. Wari Saubhagya

Nineteen numbers of work items have been completed out of thirty three work items that had been selected to rehabilitate the major / minor tanks, bunds, and structures under the wari saubhagya program.

Table 11-115: List of tanks selected tanks in Inginimitiya Division

No.	Name of the scheme	TEC (Rs. 000')	Expenditure end of 2021 (Rs. 000')	Physical Progress %
1	Andigama tank	15,560	2,064	25
2	Marungoda tank	20,668	414	60
3	Halambawewa tank	10,885	922	85
4	Bogahawewa tank	27,826	245	20
5	Dodamaththewewa tank	12,937	834	70
6	Mamunugama tank	18,780	867	65
7	Halambagaswewa tank	17,750	25	80
8	Mankulama tank	3,415	93	80
	<b>Total</b>	<b>127,821</b>	<b>5,464</b>	



Figure 11-172: Andigama Tank



Figure 11-173: Sippan Anicut

Table 11-116: List of selected tanks in Puttalam Division

No.	Name of the scheme	TEC (Rs. '000)	Expenditure end of 2021 (Rs. 000')	Physical Progress %
1	Tamannawa tank	1,707	91	100
2	Murukkuwatawana tank	1,824	64	100
3	Wattukaweli tank	9,992	124	75
4	Wijaya tank	1,605	56	100
5	Odayaweli tank	2,057	124	80
6	Periyaselagei tank	3,392	100	100
7	Wannamkulam tank	2,333	-	100
8	Nelumwewa tank	3,156	-	100
9	Pahala kuruketiya tank	6,637	-	100
10	Deepening of wilathtawa tank	3,201	-	100
11	Ottuweli tank	3,202	1,259	90
12	Mahasenwewa tank	3,500	3,500	100
<b>Total</b>		<b>42,606</b>	<b>5,318</b>	



Figure 11-174: Odayaweli Tank



Figure 11-175: Wattukaweli Tank



Figure 11-176: Pahalakuruketiyawa



Figure 11-177: Nelum Wewa

### 11.13.6 “Wap Haula” Program

Table 11-117: “Wap Haula” program

Nature of the Activity	Division	Puttalam	Inginimittiya
Number of Schemes		06	01
1. Cultivation Meetings			
1.1 Pre Cultivation meeting		12	02
1.2 Cultivation Meeting		12	02
2. Organization Activities			
2.2 Conducting FO Annual General meetings		-	01
2.3 Conducting PMC meetings		33	05
2.4 Preparation of FO Final Accounts		-	01
3. Capacity Building			
3.1 Financial Management		-	01
4. Participatory Management			
4.1 Shramadana for clearing canal bunds		11	04
4.2 Maintenance of Farm Roads		04	06
4.3 Maintenance of Drainage canals		01	01
5. Awareness programme		-	01
5.1 Home gardening		-	20
5.2 OFC Cultivation		-	04
6. Other Activities			
6.1 Deva Puja, Pirith etc..		04	02

### 11.13.7 Drinking water Extraction

Table 6: Drinking water extraction

Water Supply scheme	Reservoir	Extraction amount	
		m <sup>3</sup> per day	Annual MCM
Puraneguma	Thabbowa	500	0.182
Anamaduwa integrated water supply project	Inginimittiya	12,500	4.562

### 11.13.8 Staff Position

Table 11-118: Staff Position of the Region

Designation	Director of Irrigation Office		Divisional Irrigation Engineer's Office			
	Approved	Actual	Puttalam		Inginimitiya	
			Approved	Actual	Approved	Actual
Director of Irrigation	1	1				
Chief Engineer	1	1				
Irrigation Engineer	3	3	1	1	1	1
Engineer (Mechanical)	1	1				
Accountant	1	1				
Administration Officer	1	-				
Drawing Office Assistant	1	-				
Senior Work Supervisor	1	-				
Divisional Assistant	-	-	1	1	1	1
Development Officer/Assistant	1	3	3	2	3	1
Engineering Assistant	-	-	8	8	8	8
Draftsman	4	3	3	2	3	1
Management Service Officer	10	7	6	4	6	3
Department Clerk	-	1	-	1	-	-
Storekeeper	-	-	1	1	1	-
Technical Aide (Irrigation)	-	-	6	4	6	7
Driver	3	2	3	3	3	-
Operator	2	-	-	-	-	2
Tractor Operator	6	-	-	3	-	2
O & M Labourer	-	-	11	3	11	4
Mason	1	-	-	-	-	-
Carpenter	1	-	-	-	-	1
Circuit Bungalow Keeper	-	-	1	-	1	-
Store Labourer /Aide	-	-	1	-	1	-
Labourer	-	9	-	9	-	16
Plane Printer/Helper	1	-	-	-	-	-
Greaser	1	-	-	1	-	-
KKS	2	-	1	-	1	2
Field Watcher	-	-	-	1	-	-
Technician	-	1	-	-	-	-
Electrician	-	-	-	1	-	-
Irrigator	-	-	-	-	-	2

## 11.14 Trincomalee Region

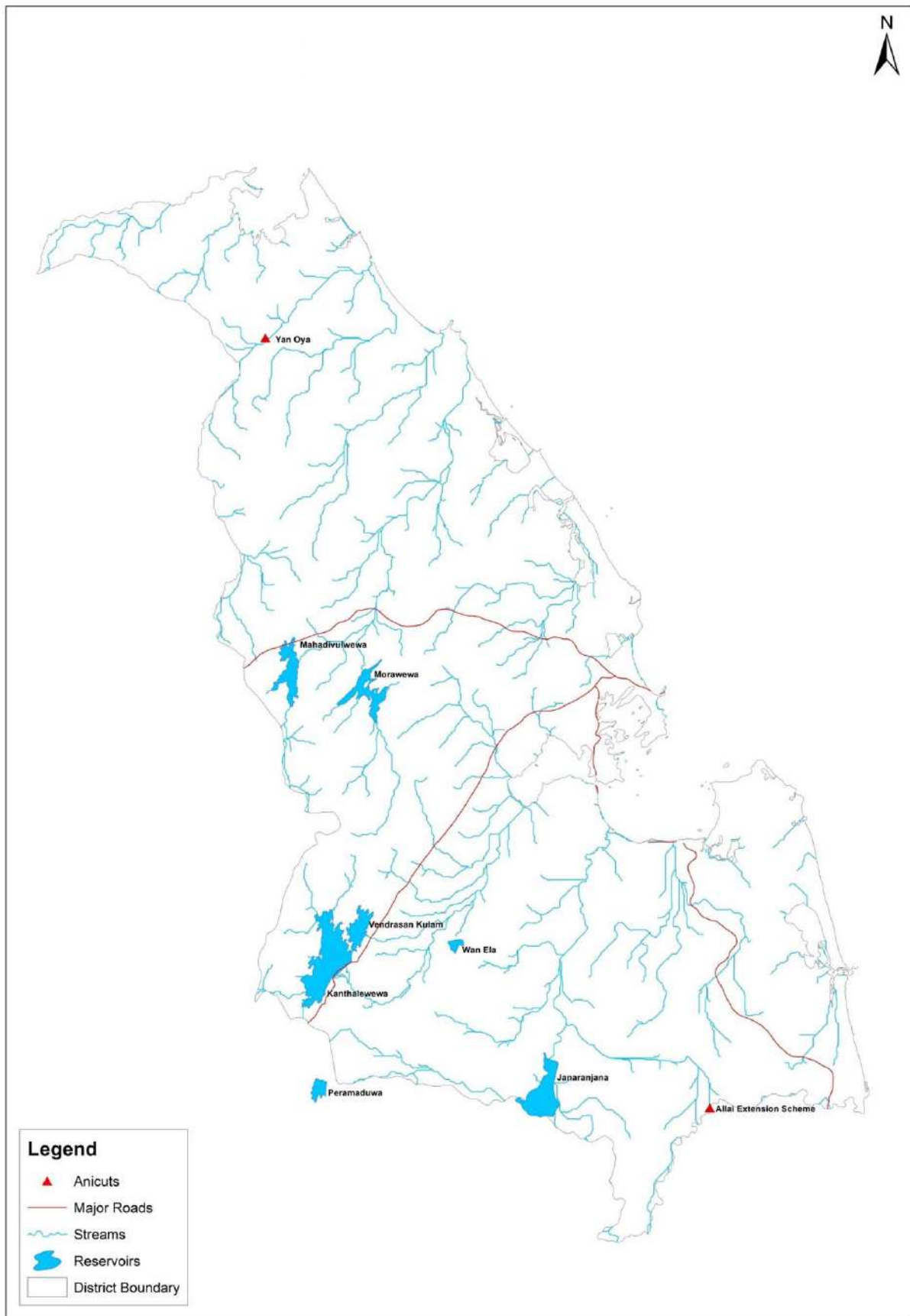


Figure 11-178: Scheme Map of the Trincomalee Region

### 11.14.1 Introduction

Trincomalee region covers the area under Trincomalee district. There are 9 major irrigation schemes including 2 major anicut schemes and provides water for 23,740 ha of land benefits to the 26,500 numbers of farm families. The amount of Rs.826.38 Mn allocation was received for the year 2021 and 220 permanent employees are working in region.

### 11.14.2 Divisions come under the Region

- Kanthale Division
- Muthur Division
- Morawewa Division

### 11.14.3 Details of the Irrigation Schemes under the region

Table-11-119: Details of Irrigation Schemes under the region

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the Sluice (MCM)	
				Maha	Yala	Maha	Yala
Kanthale	Kanthale	140.60	7,511	7,511	7,511	176.10	
	Vendrasan	25.00	708	708	708	20.40	
	Wan-Ela	2.90	656	656	656	7.60	
	Peramaduwa	4.00	304	304	304	2.30	
	Janaranjana	8.50	809	809	809	-	-
Morawewa	Morawewa	42.90	1,943	1,943	1,943	9.77	29.46
	Mahadivulwewa	24.60	850	850	850	4.96	11.16
	Yan OyaAnicut	-	842	842	842	-	-
Muthur	Allai	-	10,117	10,117	10,117	-	-

### 11.14.4 Major Works completed during the year

#### a. Rehabilitation of Mahadhivulwewa Spill

The spillway of Mahadhivulwewa tank was raised by 2 ft and thereby the capacity of the tank is increased by 3,520 Acft and total capacity increases from 16,400 Acft to 19,920 Acft. This work was completed in 2021 and total extend under Mahadiulwewa was cultivated in both season and benefit to the 814 farm families. The total estimated cost of the project was Rs. 18.5 million.

#### b. Widening of Nelu Oya Feeder Canal

Nelu oya water is diverted to the Morawewa tank through feeder canal due to scarcity of water of Morawewa scheme. The capacity of the existing feeder canal is not sufficient to carry the water and overtopping from some places. Therefore, it was proposed to widening the feeder canal and the total cost estimate was Rs, 35.500 million. This was carried out during 2021 under ERMMS vote. The physical progress achieved at the end of the year was 90 % and balance work is being continued in year 2022.

### c. Construction of Pan Oya Anicut in Morawewa Division

A temporary anicut was constructed by the farmers and 1040 acres of paddy land was irrigated. There are problems of diverting required amount of water for cultivation and operate during flood season. It was proposed to construct permanent anicut on that place under the programme of Gamasamaga Pilisandarak. The construction was started in 2021 and the total estimated cost of the project is Rs. 58.24 million and the 40 % of the work has completed at the end of year 2021.

### d. Rehabilitation of Peramaduwa Tank

During the programme “gama Samaga Pilisandarak” of Hon. President, at Polonnaruwa, farmers from Peramaduwa requested to raise the spill and bund of the tank. The rehabilitation works started in 2021 and it include improvements to bund, construction of toe filter, toe access road and raising the spill by 2 ft. Existing capacity of the tank is 2,460 acft and after the rehabilitation it will be increased by 820 acft. Around 500 number of farmer families will be benefitted through this work. Total estimated cost of the project is Rs. 118.1 million and the physical progress at the end of the year was 80 %.



Figure 11-179: Improvements to Mahadiula wewa Spill way



Figure 11-180: Widening of Nelu oya Feeder canal



Figure 11-181: Construction of Pan oya Anicut



Figure 11-182: Improvements to Peramaduwa Bund

### 11.14.5 Divisional wise Allocation Distribution

Table 11-120: Divisional wise Allocation

Description	Allocation (Rs.) '000					
	DI Office	Kanthale	Muthur	Morawewa	ME Office	Total
Departmental Votes						
Gravity Irrigation Works 282-2-2-1-2001-11-2	1,103	18,655	17,252	7,836	-	44,845
Management supporting facilities for O&M 282-2-2-0-2001-11-12	200	100	100	100	50	550
O&M Gravity Irrigation works –Wages 282-2-2-0-2001-11- 2	-	150	150	150	-	450
Improvements to Head Works of Tanks for Additional safety 282-2-2-0-2001-11-10	-	4,050	-	-	-	4,050
Maintenance & Improvements to Buildings 282-2-2-0-2001-11-1	-	339	-	3,013	-	3,352
Maintenance & Improvements to Departmental Roads 282-2-2-0-2001-11-5	-	1,751	1,579	-	-	3,330
Improvements to Major Irrigation works 282-2-2-1-2001-11-3	-	206	-	-	-	206
Survey & Investigation of existing scheme 282-2-2-0-2507-11-008-3	-	500	986	-	-	1,486
Construction of New Quarters & Office Building for the Irrigation Department 282-2-2-0-2104-10	-	-	1,310	-	-	1,310
Essential Rehabilitation of Selected Major Medium Irrigation Scheme 282-2-2-4-2001-11	-	35,501	37,628	66,205	-	139,334
Electrical / Electro Mechanical Installation 282-2-2-0-2001-11-7	-	3,425	-	-	-	3,425
Flood Damage Repairs & Other Repairs to Natural Disasters 282-2-2-0-2001-11-9	-	9,685	5,023	7,892	-	22,600

Maintenance of Department Circuits 282-2-2-0-2001-11-15		300	-	300		600
Improvements to Spill Tail canal & Drainage System in Irrigation Scheme 282-2-2-0-2001-11-16		5,955	1,542	508		8,006
Improvements to Feeder Canals 282-2-2-0-2001-11-19		-	-	5,658		5,658
Additional & Improvements to Existing Irrigation works 282-2-2-1-2001-11-4		3,500	-	-		3,500
Yan Oya Reservoir Project 282-2-3-3-2105-11		-	-	41,920		41,920
Purchase of Equipment for Mechanical Workshop 282-2-2-0-2103-11-6		-	-	-	795	795
Farmer Organization Development and Farm Productivity & Profitability 282-2-2-0-2001-11-8		54	-	-		54
Establishment and Improvements of Unit Office 282-2-2-1-2001-11-1		477	-	3,950		4,427
Repairs to Plant, Machinery & Equipment 282-2-2-0-2002-11					4,285	4,285
Repairs to Vehicles 282-2-2-0-2003-11					2,714	2,714
Improvements to Vehicle 282-1-1-0-2003-11					120	120
Establishing river profile in Major rivers 282-2-2-5-2105-11-2		8,526	5,692	2,802		17,020
Remedial Measures to safeguard crops during emergency situations 282-2-2-0-2001-11-13		-	450	-		450
Water Quality Monitoring 282-2-2-5-2105-11-7	175					175
Community Awareness 282-2-2-5-2105-11-5	50					50

Protection of upper catchment and watershed management 282-2-2-0-2001-11-14		100	-	-		100
Embankment Protection 282-2-2-5-2105-11-6		-	14,431	-		14,431
Purchase of O&M Machinery and Field Equipment 282-2-2-0-2103-11-5	1,325					1,325
<b>Total</b>	<b>3,746</b>	<b>286,031</b>	<b>205,861</b>	<b>305,141</b>	<b>8,243</b>	<b>809,022</b>
Ministry and other votes						
Rehabilitation of Major Medium Irrigation Schemes - Infrastructure Development 198-2-3-8-2506		3,787	11,895	-		15,682
PEISEIP 198-2-3-21-2506		-	-	6,849		6,849
Ministry Vote - Repairs to Vehicle 198-2-3-0-2003					278	278
Left Bank Development Project in Kaluganga 198-2-3-8-2506	894					894
Gama samaga Pilisadara 198-2-3-46-2506		75,000	-	40,000		115,000
<b>Total</b>	<b>894</b>	<b>78,787</b>	<b>11,895</b>	<b>46,849</b>	<b>278</b>	<b>138,703</b>



Figure 11-183: Improvements to Sooriyapura flood Protection bund



Figure 11-184: Construction of Surface drainage in kanthale Dam



Figure 11-185: Improvements to Kanthale spill tail canal



Figure 11-186: Improvements to f Neelapola Dehiwatha Flood Protection bund



Figure 11-187: Improvements to spill no 6 in Muththur scheme



Figure 11-188: Improvements to Neluoya Inlet structure

## 11.14.6 Projects implemented under other source of funds

### a. PEISEIP

Morawewa and Mahadivulwewa Schemes were selected from this region. The total allocation under the project is LKR 6.96 million and the Expenditure including liability up to the end of 2021 is LKR 6.17 million. There are eight items completed out of 9 and 2000 farmer families are benefited by this project.

Table 11-121: Progress of PEISEIP

Item	Allocation Rs. '000	Expenditure with liability Rs. '000	Physical Progress
Gravelling to FC31/D5 channel and sub1 FC31/D5 channel bund road of Mahadivulwewa	6,957.96	76.48	100%
Impt to sub channel of FC31/D5/MC of Mahadivulwewa Scheme		147.55	100%
Gravelling to FC33/D5 sub channels of 1&2/MC 33/D5 channel bund road of Mahadivulwewa		60.85	100%
Rehabilitation of D8 canal from Stn.1+100 to 1+550 in Morawewa		2,117.93	100%
Rehabilitation of LB3/BC2/MC canal from Stn. 0+000 to 0+780 in Morawewa		967.06	100%
Rehabilitation of LB3/BC2/MC canal from Stn. 0+780 to 0+980 in Morawewa		519.16	100%
APIC		389.88	100%
Rehabilitation of RB1/D9 canal from 0+000 to 0+150 in Morawewa scheme, Morawewa Division		1,695.65	50%
Operating Cost		200.00	100%
<b>Total</b>	<b>6,957.96</b>	<b>6,174.56</b>	-

### b. Wari Sawbhagya – Rehabilitation of Rural Tanks and Anicuts

The number of schemes approved by the District Coordinating Committee was 103. The proposals were submitted based on the meeting conducted in all 11 Divisional Secretariat Divisions. The work started only on 35 numbers of schemes due to limited allocation given for the Irrigation Department. The amount of paddy land benefitted is 8,300 Acs belongs to nearly 3,450 farmer families. The construction was completed in 32 number of tanks. An allocation of Rs. 362.3 Mn was received under 3 votes and the total expenditure with liability is Rs. 362.3 Mn.

Table 11-122: Programme details of Wari Saubhagya

Division	Description of Item	Allocation Rs. 000	Expenditure with liability Rs. 000	Physical Progress %
Kanthale	Rehabilitation of Sooriya wewa	24,197.40	24,196.74	100
	Rehabilitation of Kanthi wewa	10,008.67	10,008.67	100
	Rehabilitation of Kanthiwewa Stage II	8,075.95	8,075.51	100
	Improvements to Viharagala Tank	9,811.22	9,810.34	100
	Rehabilitation of Eachchan Kulam	8,045.91	7,847.98	100
	Rehabilitation of Samagi wewa	8,558.07	8,753.70	100
	Rehabilitation of JayanthigamaEkamuthu	6,308.71	6,302.05	100
	Improvements of Vellan kulam	12,061.26	12,060.01	100
	Improvements to Unit 16 Tank	12,963.95	13,004.25	100
	Rehabilitation of Mahamar kulam	6,808.15	6,807.94	100
	Rehabilitation of Agbogama Wewa	10,917.90	10,917.89	100
Muthur	Rehabilitation of Mangala wewa	21,436.78	21,436.78	100
	Rehabilitation of Mangalawewa II	5,544.38	5,544.38	100
	Improvements of Pullanthi kulam	7,773.98	7,773.98	100
	Rehabilitation of Semmanayan Kulam	5,527.96	5,527.96	100
	Rehabilitation of Murukan kulam	6,033.55	6,033.55	100
	Improvements to Vinayagar kulam	15,390.90	15,390.90	100
	Improvements of Madurai Vattuwan	9,257.15	9,257.15	100
	Rehabilitation of Puliyan kulam	12,861.14	12,861.14	100
	Rehabilitation of Sinna kulam	3,527.59	3,527.59	100
	Rehabilitation of Kiran kulam	9,550.36	9,550.36	100
	Rehabilitation of Panichchan kulam	3,629.70	3,629.28	100
	Rehabilitation of Pammanda kulam	3,613.36	3,613.36	100
	Rehabilitation of MavilAru 1000ft Causeway	15,497.20	15,560.38	70
	Morawewa	Rehabilitation of Mylakuda wewa	5,543.98	5,543.49
Rehabilitation of Kanthapiti wewa		4,729.09	4,729.07	100
Rehabilitation to Kudavilpana kulam		3,838.82	3,838.29	100
Rehabilitation of Kainatan kulam		7,873.58	7,873.23	100
Rehabilitation of Mahawewa		7,065.98	7,065.91	100
Rehabilitation of Mahawewa Stage II		3,003.86	3,003.68	100
Rehabilitation of Kithukuthul tank		13,467.99	13,467.80	100
Rehabilitation of Ollugollawewa		14,584.81	14,584.06	100
Rehabilitation of Aalankulum		13,294.17	13,294.12	100
Rehabilitation of KudaHelambawewa		9,471.10	9,471.05	100
Rehabilitation of Bethkewawewa		5,066.59	5,066.25	100
Rehabilitation to Puliyankulam		4,948.54	4,948.35	100
Rehabilitation of MahaAalankulum		21,958.39	21,958.30	100
KottalAru Drainage Canal		9,959.45	9,959.45	45
<b>Total</b>		<b>362,207.60</b>	<b>362,294.94</b>	<b>96</b>



Figure 11-189: SooriyaWewa after Rehabilitation



Figure 11-190: Viharagala Tank after Rehabilitation



Figure 11-191: Pammanda Kulam after Rehabilitation



Figure 11-192: 16 Wewa after Rehabilitation



Figure 11-193: Kottal Aru Drainage Canal



Figure 11-194: Olugollawa wewa after Rehabilitation

### c. Yan oya Anicut Improvement under Yan Oya Project

The total allocation of Rs. 43.85 million was received under this project and the Expenditure including liability up to the end of 2021 is Rs. 41.88 million. There are 13 Nos of works were started and 12 numbers works were completed and one work is being continued in 2022. Totally 1000 numbers of farmer families are beneficiated under this anicut improvement.

Table 11-123: work programme

Description of Item	Allocation Rs. 000	Expenditure with liability Rs. 000	Physical Progress %
Improvements to FC22/ D channel m/channel bund road from stn. 0+000 to 0+260	340.00	335.74	100
Improvements to FC29/FC27/Main channel bund from 0+000 to 0+930	86.36	83.77	100
Improvements to FC30 channel bund from 0+000 to 0+180	46.00	46.00	100
Construction of spill cum causeway of 2+500	557.66	550.58	100
Construction of spill cum causeway of 2+050	1,600.45	1,331.93	100
Construction of vented causeway at 0+400	3,267.77	3,209.55	100
Construction of R/W @ yan oya main channel from 3+750 to 4+050	1,516.50	1,107.18	100
Improvements to FC05/D-channel/ Main channel from 0+000 to 0+500 in Yan oya scheme	9,330.00	7,625.78	100
Improvements to Yan oya Anicut Abutment	1,300.00		
Improvements to Access Road from KaraiyanPilavu Junction to FC 05 channel bund road from 0+000 to 1+225	4,150.00	3,705.07	100
Improvements to FC -08 channel	4,190.00	1,944.04	100
Improvements to FC - 07/ D-channel / Main channel bund road from 0+000 to 0+863	17,470.00	14,471.67	100
Improvements to FC 27 canal/ main canal in Yan oya anicut scheme		2,336.88	65
Improvements to FC 15 sub channel from 0+000 to 0+300 in Yan oya Anicut Scheme		5,133.61	100
<b>Total</b>	<b>43,854.76</b>	<b>41,881.80</b>	



Figure 11-195: Vented Causeway

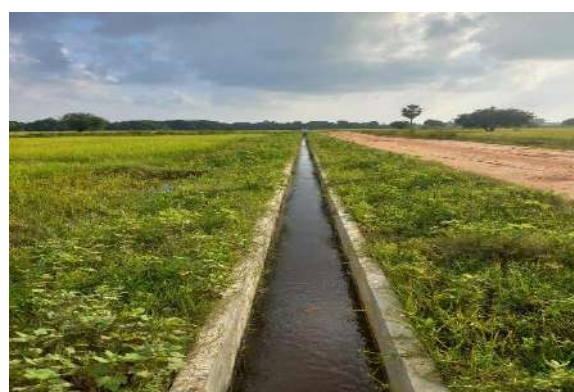


Figure 11-196: FC05/D-channel/ Main channel from 0+000 to 0+500 in Yan oya scheme

### 11.14.7 “WapHaula” Program

Table 11-124: “WapHaula” Program

Nature of the Activity	Kanthale - Peramaduwa	Morawewa – Yan Oya
Number of scheme	1	1
1.Cultivation Meeting		
1.1 Pre Cultivation Meeting	1	2
1.2 Cultivation Meeting	1	2
2.Organization Activities		
2.1 Conducting FO Election	√	-
2.2 Conducting FO Annual General Meetings	√	-
2.3 Conducting PMC Meeting	√	√
2.4 Preparation of FO Final Accounts	√	√
3. Participatory Management		
3.1 Shamadana for Clearing Canal Bunds	√	√
3.2 Maintenance of farm Roads	√	√
3.3 Maintenance of Drainage canals	√	√
4.Awareness Program		
4.1 Home Gardening	-	√
4.2 OFC Cultivation	√	√
5. Other Activities		
5.1 Deva Puja, Pirith etc...	√	√

### 11.14.8 Drinking Water Extraction

Table 11-125: Drinking water extraction

Water Supply Scheme	Reservoir	Extracted Amount	
		m <sup>3</sup> per Day	Annual MCM
Water Board	Kanthale	23,000	8.4
Water Board	Neelapola	8,500	3.1
Water Board	Eachilampattu (Verugal)	3,500	1.3

### 11.14.9 Social Activities

A speech competition program has been conducted by the Muthur Divisional Irrigation Engineer’s Office on March 2021 in order to celebrate the World Water Day 2021. The program was conducted at the Divisional Secretariat, Muthur for the school students under three categories including Advanced Level students, grade 10 – 11 students and grade 7 – 9 Students in Tamil and Sinhala Languages and gifts were granted for the winners.

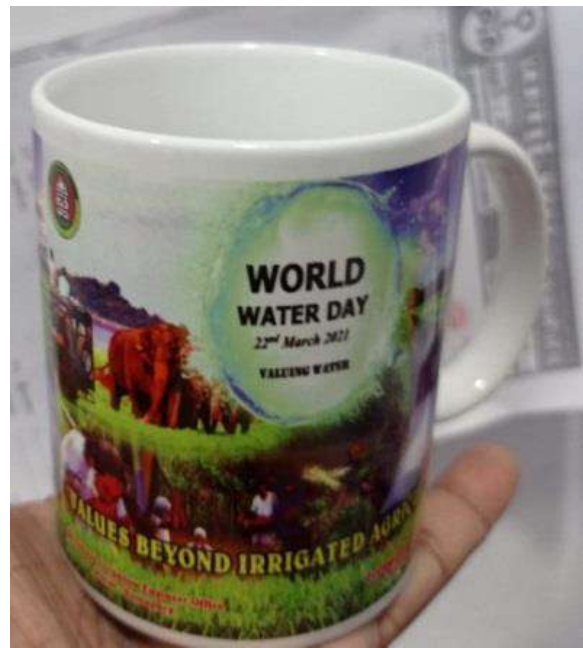


Figure 11-197: World Water Day Celebrations in Muthur Division

### 11.14.10 Staff Position

Table 11-126: Staff position of the region

Designation	Office of the Director of Irrigation		Office of the Divisional Irrigation Engineer					
			Kanthale		Morawewa		Muthur	
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation (Civil)	1	1	-	-	-	-	-	-
Chief Engineer	1	1	-	-	-	-	-	-
Engineer (Civil)	4	3	1	1	1	1	1	1
Mechanical Engineer	-	-	-	-	-	-	-	-
Earth Resources Engineer	0	1	-	-	-	-	-	-
Accountant	1	1	-	-	-	-	-	-
Administrative Officer	1	1	-	-	-	-	-	-
Drawing Office Assistant	1	0	-	-	-	-	-	-
Senior Work Supervisor	1	0	-	-	-	-	-	-
Divisional Assistant	-	-	1	0	1	0	1	0
Establishment Development Officer	1	0	-	-	-	-	-	-
Development Officer	1	3	5	2	2	3	5	4
Engineering Assistant	-	-	10	8	8	9	10	6
Draughtsman	4	4	3	1	3	0	3	0
Management Service Officer	14	12	6	3	5	1	5	1
Storekeeper	-	-	1	1	1	1	1	1
Technical Aid	-	-	10	7	8	7	10	7
Drivers	3	3	3	5	3	2	3	0
Operators	6	0	0	2	0	0	0	0

Tractor Operators	5	1	0	1	0	0	0	1
Work Supervisor	0	0	0	1	0	0	0	0
Maintenance & Operation Labourer	0	0	14	0	14	0	14	4
Maintenance Labourer	0	1	0	9	0	2	0	17
Mason	1	0	0	0	0	0	-	-
Carpenters	1	0	0	0	0	0	-	-
Circuit Bungalow Keeper	1	0	1	1	0	0	-	-
Store Labourer	0	0	1	1	1	0	1	1
Design Printer/ Helper	1	1	-	-	-	-	-	-
Greaser	2	0	-	-	0	1	0	1
KSS	2	2	1	0	1	0	1	1
Field Watchers	1	0	1	0	1	0	1	0
Labourers	0	0	0	10	0	0	0	1
Labourers (25/2014)	0	5	0	22	0	9	0	4
Cleaner	-	-	0	1	0	0	0	0
Irrigator	-	-	0	3	0	0	0	0
Lorry Helper/ Attendant	-	-	0	0	0	0	0	1
Mechanic	-	-	-	-	-	-	-	-
Electrician (Auto)	-	-	-	-	-	-	-	-
Welder	-	-	-	-	-	-	-	-
Fitter	-	-	-	-	-	-	-	-
Machinist	-	-	-	-	-	-	-	-
Service Men	-	-	-	-	-	-	-	-
<b>Total</b>	<b>53</b>	<b>40</b>	<b>58</b>	<b>79</b>	<b>49</b>	<b>36</b>	<b>56</b>	<b>51</b>



## **12 Zonal Offices**

### **12.1 Zonal Director of Irrigation (Planning & Design) – Central**

Central Zone has been established to cover the planning and design works of the new projects in the Kandy, Kurunegala and Puttalam Regions. Some of the projects in Ampara region were also carried out according to the instructions given by the Director General of Irrigation and the Addl. Director General of Irrigation (I, P & D).

#### **12.1.1 Objectives and Functions**

- Carry out studies for water resources development project proposed by Director of Irrigation (Region), Divisional Irrigation Engineer, Politician, Public and any other organization according to the feasibility of the proposal. These include new, restoration, expansion and rehabilitation projects.
- Preparation of Preliminary Investigation Reports, initiating detail surveys, preparation of firm proposals, design, and construction drawings of Major & Medium Irrigation schemes.
- Execution of pre-feasibility study and preparation of pre-feasibility report for Major & Medium Irrigation schemes.
- Initiating and coordinating with Engineering Geology, Engineering Materials and Land use divisions for investigation of Major & Medium Irrigation projects
- Execution of operation studies and flood studies, framing firm proposals, designing and preparation of construction drawings for Major & Medium Irrigation projects.
- Assist Environmental Studies Branch for Initiating EIA/IEE studies in Major & Medium Irrigation projects.
- Collecting water samples from irrigation schemes and other important locations along the rivers and carried out water quality testing works by the water quality-testing Laboratory attached to the zonal office.
- Publishing water quality annual report based on the Laboratory testing works.
- Technical services for the other institutions.

### 12.1.2 Work Progress up to end of December 2021

Table 12-1: Work Progress during 2021

No	Project	Preliminary Investigation	F.I. Survey	Baseline Survey	Pre-Feasibility Report	Detail Design	EIA Approval	Land Matters
1	Galgekandiya Tank	Completed	Completed	Completed	Completed	Completed	In progress	In progress
2	Mahapaththuwa Tank	Completed	Completed	Completed	Completed	Completed (spill)	FD clearance not granted.	
3	Kotapathdamana Tank	Completed	In progress	-	In progress	-	-	-
4	BodhiEla Tank	Completed	Completed	Completed	Completed	In progress	-	-
5	Undugoda Tank	In progress	In progress	-	-	-	-	-
6	Gonamada Tank	Completed	Completed	N/A	Completed	Pending for Geo. / Soil investigation	N/A	In progress
7	Wewathenna Tank	Completed	Completed	N/A	Completed		N/A	In progress
8	Moat – Sri DaladaMaligawa	N/A	N/A	N/A	N/A	Completed	N/A	N/A
9	Katagamuwa Spillway	Completed	N/A	N/A	N/A	Completed	N/A	N/A
10	Kalamaduwa Tank	Completed	Completed	-	-	In progress	-	-
11	Mahamadagallawewa	Field inspection & Preliminary Report completed						
12	SeethaEliya closed conduit	Completed					N/A	
13	Greater KalaOya Tank	Field inspection & Preliminary Report completed						
14	RajaviketuEla	Field inspection & Preliminary Report completed						
15	Meemure Feeder Canal	Field inspection & Preliminary Report completed						
16	Damunugolla Tank	Field inspection & Preliminary Report completed						
17	Murapola Tank	Field inspection & Preliminary Report completed						
18	Aldamporuwa Tank	Completed	Completed	Completed	Completed	Completed	In progress	In progress
19	HelawaTank	Completed	In progress	-	Completed	In progress	-	-

### 12.1.3 Performance

#### a. Proposed Mahapaththuwa Tank

Mahapaththuwa is an abundant tank construct across Wani Ela stream, Tributary of Ekgaloaya River. The proposed Irrigable area is located in Sengapodi Aru, sub basin of Galoya basin at Damana divisional secretary division in Ampara District. This tank was constructed by king Saddhathissa and about 1.0 km length of ancient tank bund is seemed to be breached and dilapidated. There is no evidence for a sluice or a spill way. The area is presently sparsely settled and lack of roads and other civic amenities.

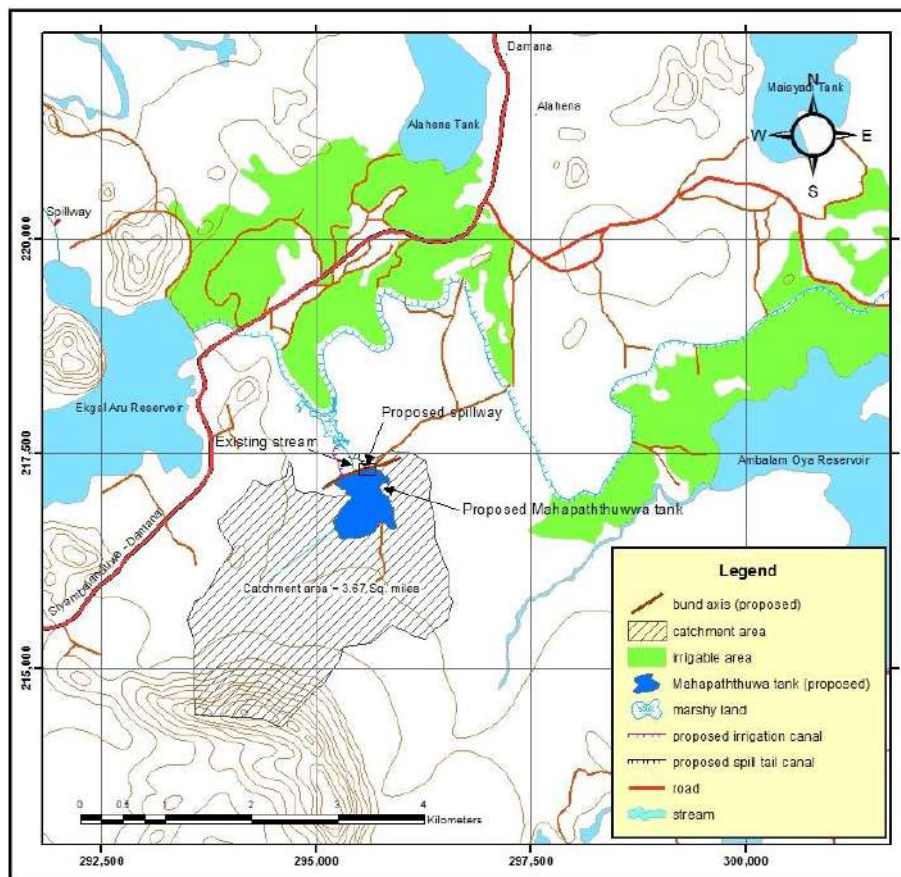


Figure 12-1: Proposed Mahapaththuwa tank

Total area of the Ekgaloya scheme is 2500 acres and totally cultivated in Maha season. Water in the Ekgaloya tank is only sufficient for irrigate 60 % of the area in Yala season. The water flow of wani ela is connected to the Ekgaloya main canal. Excess water is passed through canal spill without utilizing during rainy season. These factors are pronounced the need for the construction of Mahapaththuwa tank to store this spillage water to cater balance water demand of Ekgaloya scheme in Yala season.

The capacity of the proposed reservoir is 1415 Acft. The Bund top level of the proposed earthen bund is 64 m MSL of having 900m in length. The tower type sluice discharges 20 ft<sup>3</sup>/s. The chute spill of having length of 40 m discharge 2650 ft<sup>3</sup>/s to the downstream. The proposed cultivation extent are as follows.

Table 12-2: Proposed cultivation extent

Irrigable area	Season	Paddy (Acs.)	Suger cane (Acs.)
Existing	Maha	1,200	900
	Yala	700	900
Proposed	Maha	1,600	900
	Yala	900	900

This work was initiated few years back and Pre-feasibility report has been completed in 2021. The detail design of chute spillway was completed. The rest of the designs were suspended due to objections of the Forest Department for implementation of this proposed Mahapaththuwa tank.

**b. Proposed Kotapathdamana Tank**

This tank is proposed to construct across Andal Oya stream in Ampara district. At present, chena cultivation is practiced in some lands along both sides of Andellaoya and most of the cultivations get perished due to insufficient rain. During rainy season, flow of Andella Oya is directed into the Walagama tank. The excess water passed through the spill of Walagama tank and causes flood situation in Batticaloa. Those factors are pronounced the need for the construction of Kotapathdamana tank to store this spillage water and use for cultivation. Investigation is in progress and the preparation of pre- feasibility report is in progress.

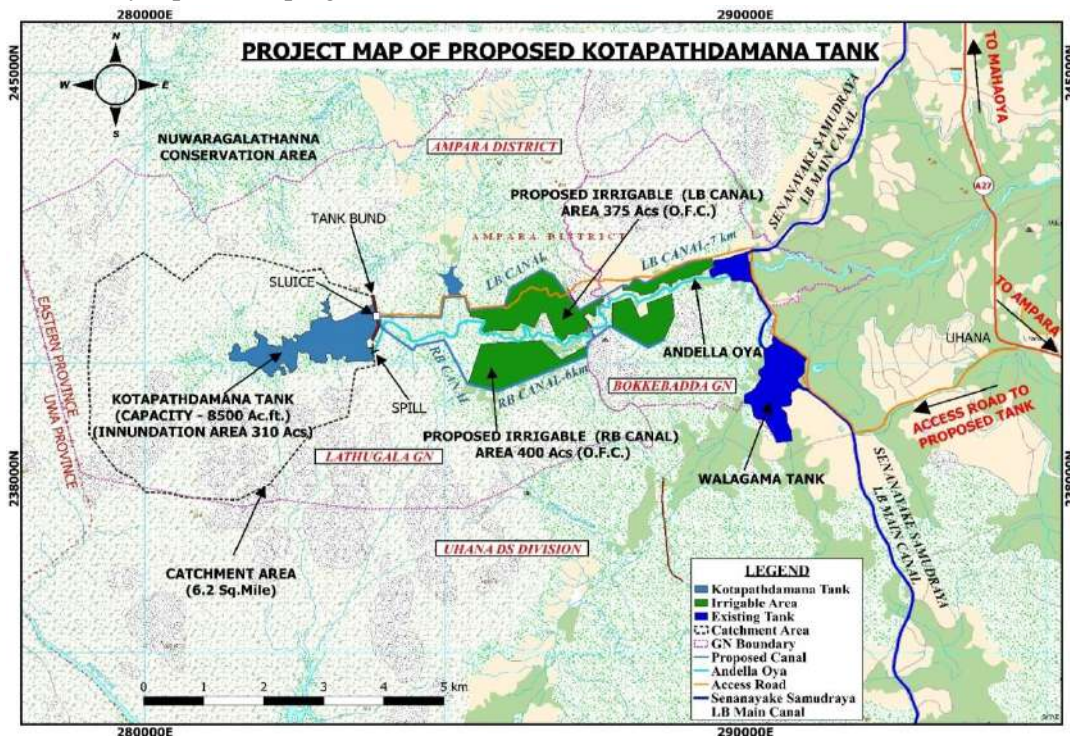


Figure 12-2: Proposed Kotapathdamana tank

**c. Proposed Bodhi Wewa Tank**

This tank is proposed to construct across Beliul Oya stream at Hanguranketha in Nuwaraeliya district. The project is planned to solve water shortage problem of existing Bodhi Ela and Waduwwawala schemes in Yala season and to provide irrigation water for 400 acres of new lands under Bodhi Ela scheme. The existing irrigable area under Waduwwawala scheme is 480 Acs and Bodhi ela scheme is 380 Acs.

Geological investigation and Pre-Feasibility report has completed. Design works is in progress. The capacity of the proposed reservoir is 376.6 Acft. The BTL of proposed concrete dam is 820.76m MSL and the length of the dam is 200m. The tower type sluice and radial gated spillway are proposed and the details of irrigable area are as follows.

Table 12-3: Details of irrigable area

Irrigable area	Season	Paddy (Acs.)	OFC (Acs.)
Existing	Maha	431	145
	Yala	310	180
Proposed	Maha	570	740
	Yala	340	970

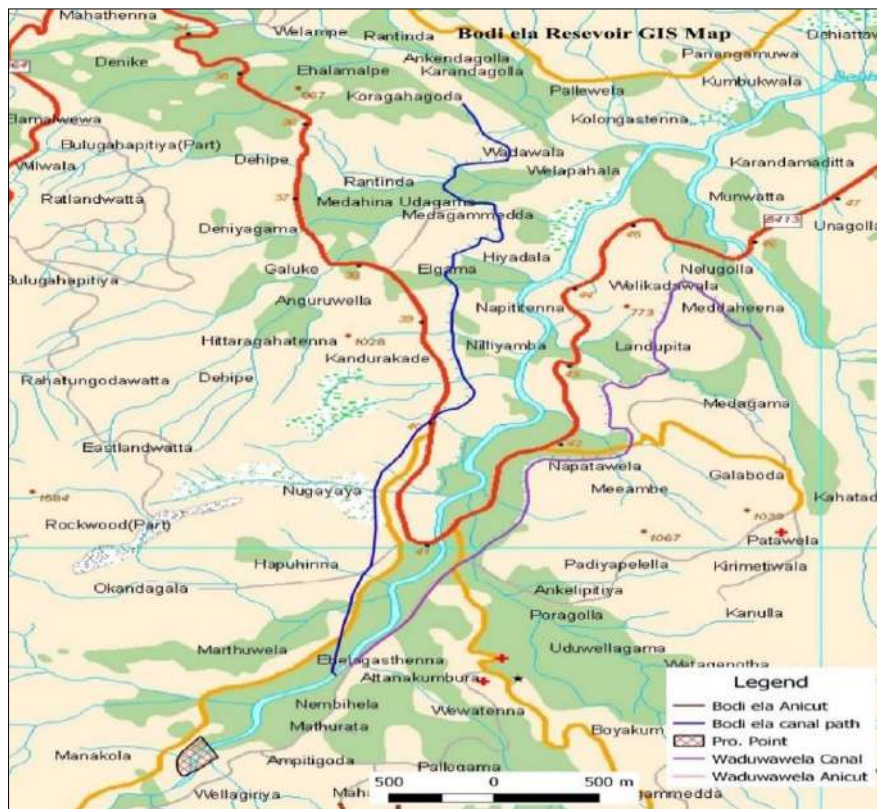


Figure 12-3: Proposed Bodhiwewa tank

#### d. Proposed Udugoda Tank

Udugoda tank is proposed to construct across Ravan Oya stream, upstream to the existing Udugoda Bandara Ela anicut at Udugoda, Kandy district. The project concerned about the water shortage in the Yala season in existing Udugoda Bandara Ela scheme. Hence, it is expected to store water in this tank to be used in dry spells. Planning and design work are in progress. It is proposed to construct earthen bund of 100m in length to impound 70 Acft of water.

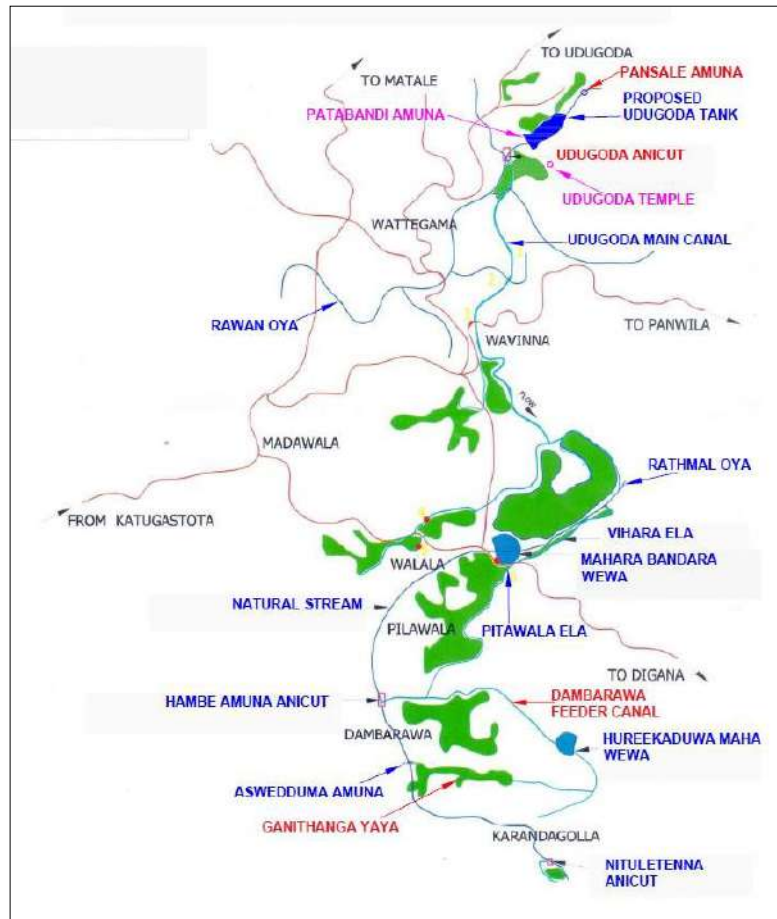


Figure 12-4: Proposed Udugoda tank

#### e. Proposed Gonamada Tank

Gonamada tank is proposed to construct across a tributary of Pinga Oya Stream in a land at surrounded in Meezan tea plantation in Ankumbura, Kandy. This proposal was initiated by the Hon. Minister, Anuradha Jayarathna as a water supply project to fulfill domestic water requirement of about 250 families in five GN Divisions in Ankumbura area.

The capacity of proposed reservoir is 10.8 Acft. The length of concrete dam is 37m and top width is 0.225m. The length of CO spill is 13.5m and discharges 141.15 ft<sup>3</sup>/s to downstream. The Survey and pre- feasibility report is completed during 2021. Soil investigation and Detail designs of spill and sluice are in progress. The Geological investigations are to be done.

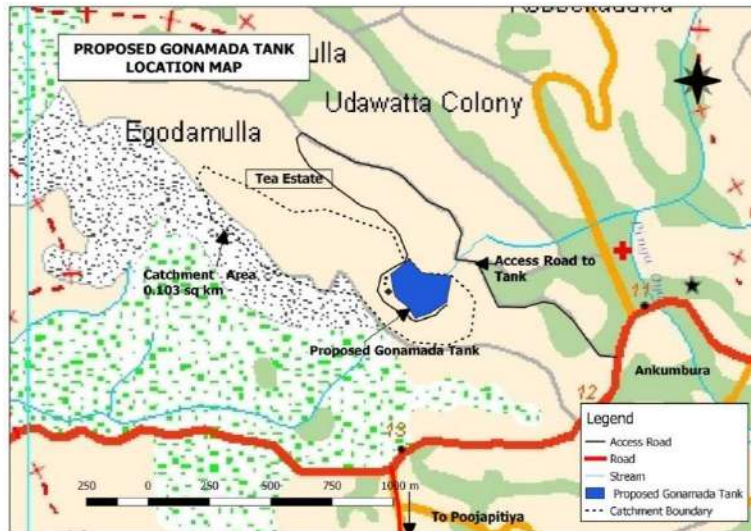


Figure 12-5: The location map of Proposed Gonamada tank

#### f. Proposed Wewathenna Tank

Wewathenna tank is proposed to construct across Naranwita - Inguruwatta irrigation canal in Doluwa DS division in Kandy district. This Naranwita - Inguruwatta irrigation canal is under the purview of Department of Agrarian Services. This was initiated by the Hon. Minister, Anuradha Jayarathna to fulfill the irrigation water requirement for 50 Acs of paddy lands in Naranwita village, 60 Acs of paddy lands in Iguruwatta, Niyangama, Udadiwela villages and to quench domestic water requirement of 260 families. The length of the proposed earthen bund is 60m in length and 7 m height to store 6.8 Acft of water. The Irrigation Water is discharge through a sluice into the existing canal system and the existing canal system need to be rehabilitated.

Just downstream to the bund, sudden depression in the existing ground could be observed. Special remedial measures will have to introduce to improve the downstream stability and to prevent erosion and possible landslides as spill water will have to discharge along this terrain.



Figure 12-6: Proposed Wewathenna tank

Table 12-4: Proposed cropping pattern is as follows

<b>Irrigable area</b>	<b>Season</b>	<b>Paddy (Acs.)</b>	<b>OFC (Acs.)</b>
Existing	Maha	50	0
	Yala	0	0
Proposed	Maha	110	0
	Yala	0	35

Pre-Feasibility report, Surveys, Geological investigations are completed. Design and drawings of sluice was completed. Soil investigations and detail designs of spill are in progress.

#### **g. Proposed retaining wall design for Moat – Sri Dalada Maligawa**

Retaining wall of the moat in-front of Vishnu Dewalaya entrance of the Sri Dalada Maligawa became unstable on 07-01-2021 due to the adverse weather conditions. Length of the unsecured section was around 60m. It was proposed to construct a counterfort retaining wall to stabilize the condition. NBRO has done a comprehensive investigation in the area. Swift actions were taken to study and designed a counter fort retaining wall at the location. Detail designs with drawings were completed and handed over to the Divisional Irrigation Engineer (Kandy).



Figure 12-7: Collapsed retaining wall and constructions of RW at Sri Dalada Maligawa

#### **h. Proposed spillway for Katagamuwa tank**

Katagamuwa tank is a Level Crossing tank along Magalla feeder canal from Rideebendi Ela anicut in Nikawaratiya Division in Kurunegala region. The length of existing spillway is 48m. The downstream of the existing spillway has scoured for about depth of 4m due to heavy floods in 2018. Scouring had become severe due to flood occurred in time to time. Detail design of 36m length cascade type drop structure with downstream protection is completed and submitted the drawings during 2021.



Figure 12-8: Scoured Section of Katagamuwa Spillway

### i. Proposed Kalamaduwa Tank

Kalamaduwawa tank is an abandoned tank inside Kahalla Pallekele Sanctuary and Wildlife Conservation Department had requested during the “Gama samaga pilisandara” programme to restore this tank to nourish wildlife habitat and forwarded to the Irrigation Department. It is located across a tributary of Hakwatuna Oya in Deduru Oya basin in upstream of Hakwatuna Oya reservoir in Halmillawewa village.

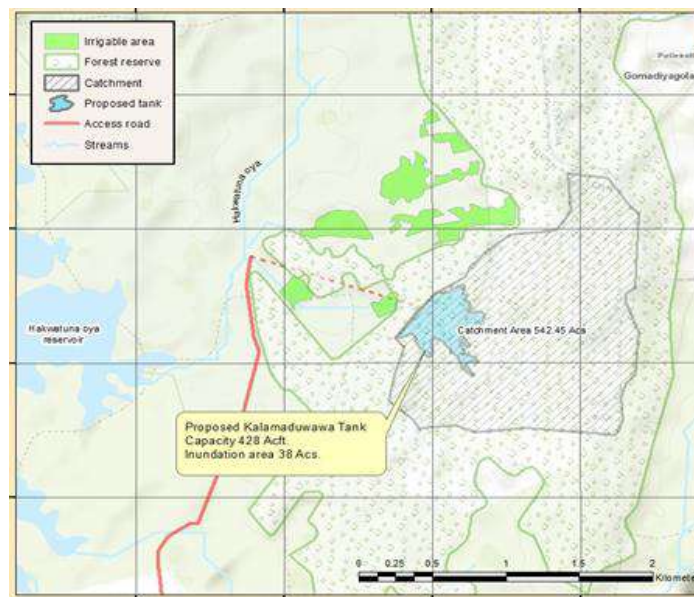


Figure 12-9: Proposed Kalamaduwa tank

Geological investigations and survey are completed. Design and drawing of sluice was completed. Pre-feasibility report and spill way designs are in progress. Capacity of proposed reservoir is 428 Acft. The length of the earthen bund is 850m and the maximum height is 11 m.

**j. Proposed Mahamadagalla wewa**

Mahamadagalla tank is proposed to construct across Mi Oya at Madagalla in Polpithigama DS division of Kurunegala District. This project was initiated as per the request made by the Hon. Minister of Irrigation, Mr. Chamal Rajapaksha.

Ruins of a breached earthen bund can be witnessed at the site. Yield study was carried out using 30m Digital Elevation Model. The capacity was fixed as 4982Acft at FSL of 128m MSL. The length of the bund was 1250m with maximum height of 7m. However, there are paddy lands, private and Government properties and permanent houses are within the proposed tank bed and the bund site. There are about 314 families need to be re settled and few commercial buildings having a rich archeological value need to be removed. The preliminary report was submitted in 2021.

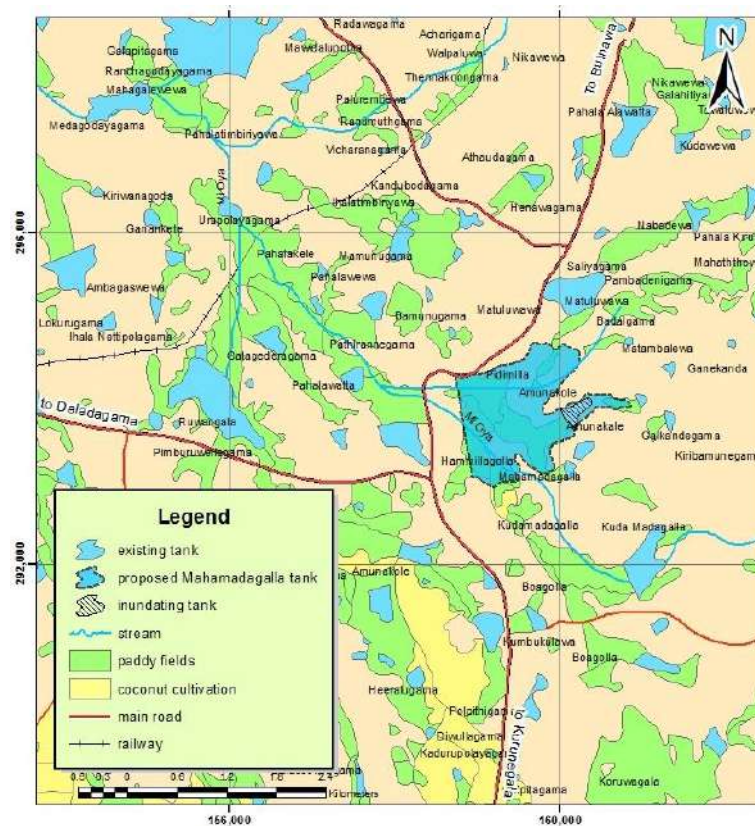


Figure 12-10: Proposed Mahamadagalla tank

**k. Proposed Wattedegara Tank**

The proposed reservoir is across Gamburu oya in Wilgamuwa DS division in Mathale District. The catchment yield is not sufficient to cultivate area under Himbilyakada scheme. Therefore it was proposed to have a tunnel from existing Kalu Ganga reservoir to divert water required for cultivation, construction of new tank and other infrastructure development under the programme “Gama samaga pilisandarak” held in October 2020 by the HE the president to develop this area.

Feasibility studies were done by the Project planning and Design Branch and Design works of the sluice and spillway were carried out by the Central Zone. The design and detail drawing of the tower type sluice is completed during 2021 and design of spillway is in progress.

## **l. Design of Protection work for Gangarama temple in Seetha Eliya**

The historic Gangarama temple at Sethaeliya is in close proximity to the Uma oya feeder canal and Katumana oya, tributary of Uma oya. Katumana oya water flows to Uma oya feeder canal at this location. It was designed a close conduit for feeder canal and retaining wall for the adjacent bank of the Katumana oya. This area will be used as a parking area for the temple and this design was made as per the request made by the chief monk of the temple. The detail drawings were submitted to DI(Kandy).



Figure 12-11: Location of the proposed closed conduit



Figure 12-12: Location of the proposed retaining wall

## **m. Proposed Greater Kala Oya Tank**

The Greater Kala Oya tank is proposed to construct across Kala Oya in Down Stream of the Neelabemma anicut in Ralmaduwa GN division in Wanathawilluwa DS division of Puttalam district. The Inundation area is covered by forest. The right bank side of the proposed location is under Wilpattu Sanctuary whereas the left bank side is under Thabbowa sanctuary.

The study was completed by using 30m DEM and capacity at 17m MSL Full Supply level is approximately 70,000 Acft. Investigation and engineering Surveys are required for detail study. However, FI survey has to be carried out to determine design parameters of the tank. Preliminary report has been completed during 2021.

## **n. Proposed Rajaviketu Ela**

Rajaviketu Ela anicut is proposed to construct across Deduru Oya, 2 km downstream of Sengal oya anicut to convey water along 6 km long existing RajaviketuEla canal to feed cascade tank system in Pallama and Arachchikattuwa DS divisions having an irrigable area about 2500 Acs. Detail surveys and investigation are required to carry out to comprehensive study. Preliminary report is complete during year 2021.

**o. Proposed Meemure Feeder Canal**

Meemure is a very famous destination among local and foreign travelers. There is an adventure area along Mamure oya and the stream gets dry during dry period due to insufficient flow of stream. Therefore, it is proposed to divert water from the other tributary called Heen ganga by constructing anicut at Gonnagolla and construct new canal to bring water to the adventure area. The main objective of the project is to supply continuous water to Mimure Oya Adventure area during dry season. However, hydrological analysis was carried out and it revealed that the inflow of Heen ganga is not sufficient to cater the water demand of existing paddy fields at the downstream of the proposed anicut site while diverting water to the intended location of Meemure Adventure area during the dry spell. Hence, the proposal considered as not feasible.

**p. Proposed Helawa Tank**

Helawa is a breached tank which is located in Helawa Aru in Lahugala, Ampara. Ruins of 800m long earthen bund can be sited and dilapidated. LB, RB sluices and spillway at LB side of the bund can be observed. More than 700 Acs of area is abandoned. Rain fed cultivation is practices in about 100 Acs of land located downstream to the bund, during Maha season and 10 Acs of land area being cultivated under Palala Helawa tank in Yala season. These factors pronounced the need for the restoration of Helawa tank to store water to promote paddy and OFC cultivation in this area and also to serve wild animal. Farmer families living in panama village will be benefited under this project.

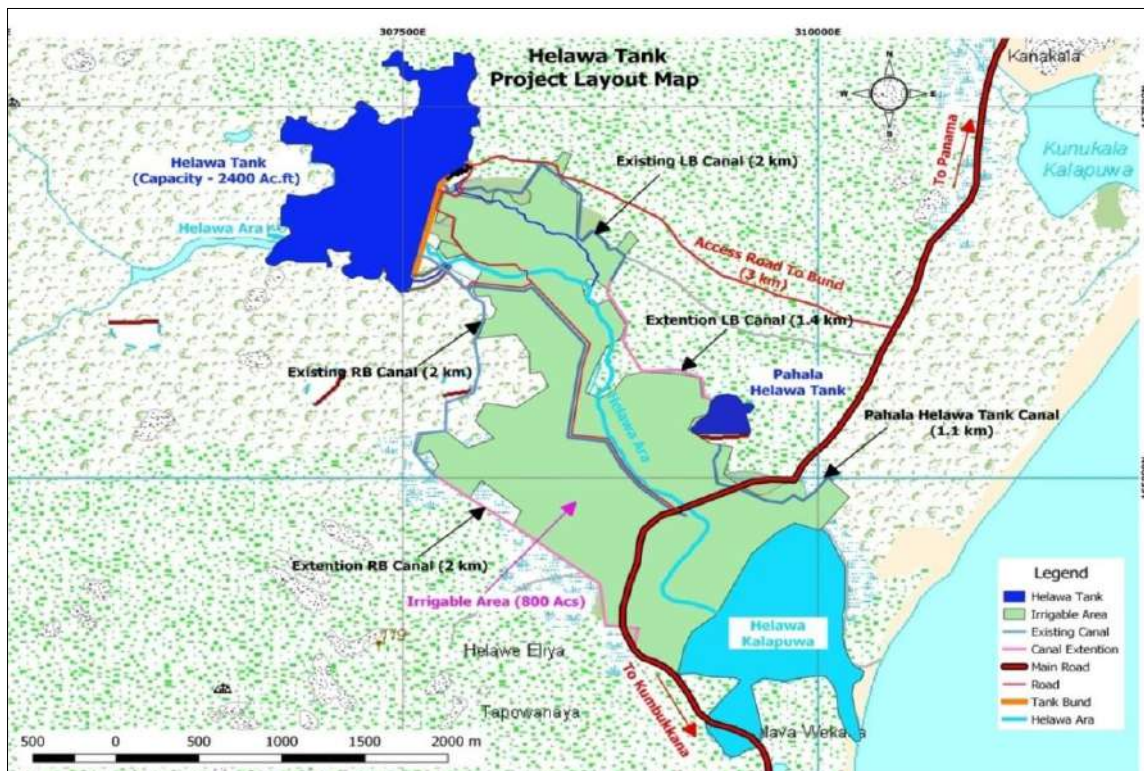


Figure 12-13: Proposed Helawa tank

It is proposed to cultivate 500 Acs in Maha season and 400 Acs in Yala season. However, the inflow to the proposed Helawa tank seems to be low even the catchment area spreads for about 9.03 sq. miles. The capacity of the proposed reservoir is 1170 Acft. The earthen bund of having maximum height 6.9m is proposed with BTL at 18m MSL. Pre-feasibility report has completed. Geological and soil investigations are completed. Surveys are in progress.

Table 12-5: proposed cropping pattern

Irrigable area	Season	Proposed Area (Acs.)
Existing	Maha	100
	Yala	0
Proposed	Maha	500
	Yala	400

#### 12.1.4 Water quality monitoring and Environmental studies

Assessment of water quality programme was started in 2014. Objective of this study is to prepare a set of data to monitor the quality of water in rivers and reservoirs under Irrigation Department.

#### 12.1.5 Water quality monitoring schedule 2021

- Samples are collected from 115 tanks and 18 anicuts and 1 waterfall.
- In addition, samples are tested for requests.

Table 12-6: Water sampling details of 2021

Region	Division	Name of the tank	Samples Collected Dates	Weather Condition
Ampara	Ampara	Namaloya, Pallanoya, Ambalanoya, Ekgaloya, Pannalgama, Ampara, Senanayake Samudraya, Konduwatawana, Weeragoda, Himidurawa	25.01.2021 06.07.2021	Dry Fair
	Mahaoya	Rambakanoya, Tempitiya	25.01.2021 07.07.2021	Dry Dry
	Pottuwil	Lahugala, Rottai, Panama, Radella	26.01.2021 07.07.2021	Dry Dry
Anuradhapura	Anuradhapura	Abayawewa, Mahakanadarawa, Mahawilachchiya, Nuwarawewa, Tissa wewa	03.08.2021 08.11.2021	Fair Rainy
	Rajangana	Rajangana, Angamuwa	28.04.2021 27.10.2021	Fair Rainy
	Huruluwewa	Huruluwewa Manakattiya Tank	03.08.2021 08.11.2021	Fair Rainy
	Nachchaduwa	Nachchaduwa Tank		
	Padaviya	Padaviya Tank Wahalkada Tank		
Badulla	Badulla	Ambewela, Kande Ela, Bomburella	23.02.2021 05.10.2021	Dry Rainy
	Mapakada	Dambarawa, Mapakada, Sorabora Wewa, Nagadeepa, Dehigama, Demodara	23.03.2021 27.09.2021	Dry Fair

Region	Division	Name of the tank	Samples Collected Dates	Weather Condition
Batticaloa	Navakiri	Navakiri, Thumpankerny	28.06.2021	Dry
	Rugam	Rugam, Unnichchi, Vakaneri, Punani Anicut, Weligahakandiya	24.11.2021	Fair
Hambanthota	Thissamaharama	Badagiriya, Debarawewa, Lunugamwehera, Tissa wewa, Weheragala, Paranagama, Weerawila, Yodawewa	15.02.2021 21.12.2021	Dry Dry
	Weerakatiya	Kakiriobada Tank Muruthawela Tank Udukiriwala Tank	16.02.2021 21.12.2021	Dry Dry
	Hambalantota	Mau Ara Anicut Ridiyagama Tank Beragamvila Tank	15.02.2021 21.12.2021	Dry Dry
Galle	Matara	Allewela, Kekanadora (Ellakanda), Denagama, Hali-Ela (Lenabatuwa), Uyanwewa, Sapugoda Anicut	16.02.2021 21.12.2021	Dry Dry
Kandy	Dambulla	Dewahuwa, Pahala Aruwala, Wewala, Wamadilla, Dabuluoya Anicut, Mahagona Wewa, Nalanda	02.03.2021 22.09.2021	Dry Dry
	Matale	Makulethanna Anicut, Athirahapitiya Anicut, Hunugala Anicut, Hapuwida Anicut, Bowathenna Reservoir, Meewalpitiya Anicut	11.02.2021 09.03.2021	Dry Dry
	Kandy	Kandy Lake, Rosneeth, Dunumadalawa	11.01.2021 12.05.2021	Fair Dry
		Kehelpath Amuna Anicut, Gampolawela Anicut, Bandara Amuna	07.01.2021 13.07.2021	Dry Fair
	Nuwaraeliya	Katumana Anicut, Barrakplain, Gregory Lake, Lover's Leap Waterfall	23.02.2021 05.10.2021	Dry Rainy
Kurunegala	Hiriyala	Batalagoda, Hakwatuna, Kmibulwana	20.01.2021 19.07.2021	Fair Dry
	Nikawaratiya	Madiyawa, Magalla, Hulugalla		
	Wariyapola	Deduruoya Reservoir		
	Galgamuwa	Abakolawewa, Ataragalla, Palukadawara, Usgala Siyabalangamuwa, Mahagalgamuwa, Mahananneriya, Mahasiyabalangamuwa, Arasan	03.02.2021 17.08.2021	Dry Dry
Monaragala	Monaragala	Ethimale, Muthukandiya	06.04.2021 15.11.2021	Dry Dry
	Bibile	Mallipotha, Badulu Oya		
	Wellawaya	Hadapanagala Tank		
Polonnaruwa	Kaudulla	Kaudulla Tank	16.03.2021 12.10.2021	Dry Dry
	Minneriya	Girithale Tank Minneriya Tank		
	Polonnaruwa	Parakkrama Samudraya		
	Elahara	Elahara Anicut, Diyabeduma		

Region	Division	Name of the tank	Samples Collected Dates	Weather Condition
Puttalam	Puttalam	Neelabemma, Thabbowa	28.04.2021	Dry
	Inginimitiya	Inginimitiya, Radavi Bendi Ela Anicut	27.10.2021	Rainy
Trincomalee	Kanthale	Kanthale, Vendrasan, Wan Ela, Peramaduwa, Janaranjana	20.04.2021	Dry
	Mutur	Mavilaru Anicut	15.12.2021	Fair
	Morawewa	Morawewa, Mahadiulwewa Tank	21.04.2021 16.12.2021	Dry Fair
Mannar	Vauniya	Pavatkulam, Iratperiyakulam, Rajendrankulam, Muhanthamkulam, Kallaru Aru Anicut, Marandamadu	07.12.2021	Dry
	Silawathura	Akathimuruppu Tank Viyathikulam Tank	08.12.2021	Dry
	Murunkan	Giant Tank	07.12.2021	Dry
		Thekkam Anicut	08.12.2021	Dry

There were 77 number of reports prepared and submitted to DII (Ranges) during year 2021. Annual report 2021 of the Water Quality Laboratory was completed.

### 12.1.6 Staff Position

Table 12-7: Staff Position of P&D (Central Zone) office for year 2021

Position	Approved Cadre	Present Cadre	Deficit / Excess
Director of Irrigation	1	1	-
Chief Engineer	1	1	-
Irrigation Engineer	3	4	+1 (required)
Engineer Assistant	3	2	-1
DOA	1	-	-1
Management Assistant	5	2	-3
Development Officer	-	2	+2 (required)
Draft Person	3	2	-1
Research Assistant	-	1	+1 (required)
Storekeeper	1	-	-1
Technical Aide	2	-	-2
Assistant Draft Person (Contract Basis)	-	1	+1 (required)
Laboratory Assistant (Contract Basis)	-	1	+1 (required)
Driver	3	3	-
KKS	1	0	-1
Permanent Labourer	0	1	+1 (required)
Store Labourer	1	-	-1
Watcher	1	-	-1
<b>Total</b>	<b>26</b>	<b>21</b>	

## **12.2 Zonal Director of Irrigation (Planning & Design) – Northern & North Central Zone**

North and north central Zone has been established to cover the regional planning and design works in the Anuradhapura, Mannar, Polonnaruwa and Trincomalee Regions.

### **12.2.1 Objective**

- Preparation of master plans for the river basins in Northern & North Central zone for assessment of water resources and development potential including project formulation and designs.
- Planning, investigation, design and estimation of proposals for development of minor, medium and major irrigation scheme in Northern & North Central zone.
- Improvement, modernization, and preparation of proper water management plan for selected irrigation scheme in Northern & North Central zone for equitable and efficient water resource management.
- Flood control, flood assessment and flood mitigation in rivers and reservoirs.
- Assessment of flood management and drought management.

### **12.2.2 Functions**

- General administration and overall supervision of the Zone.
- Preparing feasibility reports, Preliminary Investigation Reports, Designs and Construction Drawings for medium and minor Irrigation schemes.
- Financial control and progress monitoring of budgetary provisions allocated to the zone.
- Planning and Design of medium & small tanks and Anicuts.
- Assisting DI Range to prepare water management plans and maintenance diagrams for each scheme.
- Reviewing and upgrading standing orders of Irrigation schemes.
- Providing supportive services to the Environmental Branch, Range and Design Branch in head office.
- Assisting DI (Range) to prepare rate analysis of the range office.
- Consultancy services and expert advice to Provincial councils and other non-technical government organizations on irrigation subject.
- Carrying out research and development on irrigation works and report to DI (Research and Development) for further reviewing.
- Updating and Issuing list of duties / KPI targets for subordinates.
- Updating the ID website with respect to Zone.

### 12.2.3 Performance

Followings activities carried out during the year 2021.

#### a. Feasibility Studies

- Trough at RBMC of Rajangana reservoir in Rajangana Division
- Augmentation of Thirappankadawala Tank in Huruluwewa Division

#### b. Designs

- Structural design of Serunewa sluice and design of Serunewa tank bund.
- Structural design of downstream protection of Bellankadawala tank spill.
- Hydraulic design of gated weir structure at Raw water intake near the Angamuwa tank.
- Design of part of the spill structure of Welimuwapothana tank.
- Design of Rasnakawewa bridge.
- Design of Mahamankadawala Tank (Kekirawa) spill structure.
- Design of feeder canal from Muwaetagama tank to Karambankulama tank.
- Structural design of sluice and design of main canal and structures of Pulikkulam for Water Resources Development in the vicinity of Ariviyal Nagar in Killinochchi.

### 12.2.4 Staff Position

Table 12-8: Staff position of P&D (Northern & North Central) office for year 2021

No.	Designation	Approved cadre	Present Cadre	Deficit / Excess
1	Director of Irrigation	1	1	-
2	Chief Engineer	1	1	-
3	Irrigation Engineer	3	1	2
4	DOA	1	-	1
5	EAA	3	1	2
6	Draughtsman	3	1	1
7	Labourer (25/2014)		1	
8	Management Service Officer	5	1	4
9	SK	1	-	1
10	FA	2	-	2
11	Driver	3	1	2
12	Store labor	1	-	1
13	KKS	1	-	1
14	Watcher	1	-	1
	<b>Total</b>	<b>26</b>	<b>8</b>	<b>18</b>

## **12.3 Zonal Director of Irrigation (Planning & Design) – Uva & East**

### **12.3.1 Objective**

- Preparation of master plans for the river basin in Uva and East for assessment of water resources and development potential including project formulation and designs.
- Planning, investigation, design and estimation of proposals for development of minor, medium and major irrigation scheme in Uva.
- Improvement, modernization, and preparation of proper water management plan for selected irrigation scheme in Uva for equitable and efficient water resource management.
- Flood control, flood assessment and flood mitigation in river and reservoirs.
- Assessment of flood management and drought management.

### **12.3.2 Functions**

- Preparing preliminary investigation reports, Design and construction drawings for medium and minor irrigation schemes within the Zone. For preparation of investigation report all survey data and other details should be submitted by RDI (Ranges) as per design of office instructions.
- Initiation of investigation and engineering surveys of irrigation projects with support from DI (Dist/ Prov)
- Preparing feasibility report for the medium and minor irrigation projects. For preparation of investigation report all survey data and other details should be submitted by RDI (Ranges) as per design of office instructions.
- Assist DI (Dist/ Prov) to carry out water management models in the zone. RDI should have to request from Design office
- Studying the catchment and reservoir behavior of the zone, install and develop the weather forecasting unit for the efficient system management for flood and drought disaster situation □  
Upgrading standing orders of irrigation schemes.
- Providing supporting service to the environmental studies branch and assist DI (Dist/ Prov) to maintain irrigation schemes in eco-friendly manner.
- Carry out research on construction technologies to be adopted in the field.
- Assist to prepare rate analysis of zone.
- Facilitating training for subordinates
- Issuing duties and monitoring achievements of subordinates.
- Updating the ID Website with respect to Uva & East zone.
- Evaluation of performance of subordinates.

### 12.3.3 Performance

#### a. Uma Oya Down Stream Development Project

##### Kuda oya main canal

Table 12-9: Structures design for Kuda Oya Main canal

Name of the Structure	Chainage	Number
Drainage Inlet	6+015, 5+360, 6+015, 6+250, 6+450, 7+100, 10+500,	7
Drainage inlet & channel spill	7+400, 10+825, 10+150,9+625	4
1445m long canal lining	from 5+505 to 6+950	1
963m long closed conduit	from 9+150 to 10+103	1
Drop Structures	4+000, 4+250, 5+000, 5+100, 5+125, 5+150, 5+175, 5+325, 5+405, 5+700 ,5+750, 5+800	12
90m long canal lining	from 5+005 to 5+095	1
140m long canal lining	from 5+180 to 5+320, from 5+405 to 5+695	2
Channel lining	from 8+500 to 9+150 with under crossing at 8+650 & 9+025	1
600m long trough	from 2+850 to 3+450	1
under crossing	2+100, 9+025	2

##### Alikota ara main canal

It is assigned to design canal from Buduruwagala Tank to Meegas ara Tank (10+875km – 12+250km). the planning and investigation work are completed 70 %.

**b. Preparing feasibility reports, Preliminary Investigation report, Designs and Construction Drawing for medium and major irrigation schemes.**

Table 12-10: Preparing feasibility reports, Preliminary Investigation report, Designs and Construction Drawing for medium and major irrigation schemes

Name of the project	work carried out During 2021
Nugamandiya anicut	Involved Investigation and survey works.
Uda wewa	Drawing submitted to RDI (Badulla)
Kandapoththawala Anicut	Submitted Recommendation and Comments to ADGI
Improvement of Kandapoththawala Anicut	
Polmandiya Kubura Anicut	
Ranella tank	Reviewed earlier designs as per ADGI Instructions
Sandaganawa Tank	Field inspection completed and feasibility report has to be completed after receiving details from DI(Monaragala)
Divert water to Namal Oya Tank	2 proposals were submitted to DI(Ampara) and inform the detail required for further studies.
Kollellawaththa tank	Reviewed feasibility report as per ADGI
Drinking water Allocation for NWS&DB	Studying of water management plan for Kande Ela and Ambewela irrigation scheme for allocate Drinking water and Report is submitted to DI(Badulla)
Supply water from Handapanagala tank to Pelwatta Sugar Corporation	Studying of water management plan

**12.3.4 Staff Position**

Table 12-11: Staff position of P&D (Uva & East)

No	Designation	Approval Cader	Present Cader	Deficit/ Excess
1	Director of Irrigation	1	1	0
2	Chief Engineer	1	1	0
3	Irrigation Engineer	4	4	0
4	DOA	1	0	1
5	Development Officer	1	0	1
6	Enginerring Assistant	4	2	2
7	Draftsman	3	0	3
8	Management Service Officer	2	2	0
9	Driver	2	1	1
10	KKS	1	1	0
11	Labourer (25/2014)		2	0
13	Labourer ( Office & Field watcher)	1	1	0
14	Assistant draftsman (Contract Basis)		2	0
<b>Total</b>		<b>20</b>	<b>17</b>	

## 13 Irrigation Training Institute

### 13.1.1 Objective

To be a National Leader in Technical Education, Training and research for Irrigation & Water Resources Management.

### 13.1.2 Functions

- Facilitate Human Resource and provide national comparative Education, Training and research through Irrigation & Water Resource Management for the betterment of community in Sri Lanka.
- Facilitate Human Resource for Irrigation sector for optimum utilization of land and water for irrigated agriculture.
- To arrange training for outside organizations

### 13.1.3 Performance

#### a. In service Training Programme for Department officers

- Induction Training programme for newly recruited Engineering Assistants from January to March.
- Training programme for store keepers (Grade III) using zoom technology.
- Facilitating for the training session on GNSS receivers (E-survey, E-600) in August.
- Senior Technical Examination-2020 (Practical)
- First Efficiency Bar examination for Engineers in SLES-Grade III
- First Efficiency Bar examination for Technical Aids in Grade III
- First Efficiency Bar examination for Engineering Assistants in Grade III
- Efficiency Bar examination for Engineering Assistants in Grade II
- Efficiency Bar examination for Engineering Assistants in Grade I
- Training for Efficiency Bar examination for Engineering Assistants in Grade I
- Training programme for Mechanical Engineers on Estimating

#### b. Conducted Training programs for outside organizations

- Awareness Programme for officers of ESCAMP project from 6<sup>th</sup> February 2021
- Training on Water Accounting and Auditing for officers of Irrigation Department from 26<sup>th</sup> to 28<sup>th</sup> February 2021
- Training Program for Technical officers of District Secretariat, Kurunegala from 08<sup>th</sup> to 10<sup>th</sup> March 2021
- Awareness Programme for officers of ESCAMP project from 12<sup>th</sup> March 2021
- Awareness Programme for officers of ESCAMP project from 15<sup>th</sup> March 2021
- Training Program for officers of Climate Smart Irrigated Agriculture Project (CSIAP) from 22<sup>nd</sup> of March 2021.
- Training Program for officers of Climate Smart Irrigated Agriculture Project (CSIAP) from 08<sup>th</sup> April 2021.
- Training Program for officers of Climate Smart Irrigated Agriculture Project (CSIAP) from 31<sup>st</sup> March to 01<sup>st</sup> April 2021.
- Training Program for officers of Climate Smart Irrigated Agriculture Project (CSIAP) from 01<sup>st</sup> to 05<sup>th</sup> March 2021.

- Training Program for officers of Climate Smart Irrigated Agriculture Project (CSIAP) on 15<sup>th</sup> October 2021.
- Training on Water Auditing for officers of Irrigation Department from 03<sup>rd</sup> to 05<sup>th</sup> December 2021.
- Training Program for officers of Climate Smart Irrigated Agriculture Project (CSIAP) from 2<sup>nd</sup> to 03<sup>rd</sup> December 2021
- Training Programme for officers of Climate Smart irrigated Agriculture project (CSIAP) on 1<sup>st</sup> of December 2021

**c. Facilitated for conducting programs for outside organizations**

- Providing Accommodation for officers of Sri Lanka Institute of Textile & Apparel from 4<sup>th</sup> to 8<sup>th</sup> January 2021
- Providing Accommodation for officers of Sri Lanka Institute of Textile & Apparel from 25<sup>th</sup> to 29<sup>th</sup> January 2021
- Providing Accommodation for officers of ESCAMP project from 25<sup>th</sup> to 26<sup>th</sup> January 2021
- Providing Accommodation for officers of ESCAMP project from 11<sup>th</sup> to 13<sup>th</sup> February 2021
- Providing Accommodation & Meals for officers of Wild life Department from 01<sup>st</sup> to 02<sup>nd</sup> April 2021.
- Providing Accommodation for officers of Department of Wild life Conservation from 17<sup>th</sup> to 20<sup>th</sup> November 2021

**13.1.4 Allocation Received and Expenditure**

Table 13-1: Allocation receiver and expenditure

No	Vote	Allocation Rs.'000	Expenditure Rs.'000	Physical Progress %
1	Conducting Efficiency Bar Exams and other programmers related to SOR of Relevant services 282-01-01-0-2401(11)-3	1,053	1,051	100
2	Expansion of Facilities 282-01-01-0-2001(11)-2	16,000	15,998	100
3	Operation & Maintenance & service of training and other equipment at ITI 282-02-02-0-2002(11)-2	5,000	4,997	100
4	Vehicles 282-01-01-0-2003(11)	189	189	100
5	Purchase of Equipment 282-02-02-0-2103(11)-3	1,694	1,691	100
6	Demonstration Irrigation systems on New Technology 282-02-02-2507-11-(009-10)	2,050	2,050	100
7	Attending Local Training Programs 282-01-01-0-2401-11-(2)	2,000	2,000	100
8	Attending Local Training Programs 282-01-01-0-2401-11-(1)	57	57	100
9	Training 282-02-02-0-2401(11)-1	3,270	3,269	100
10	Geo Informatics Studies 282-02-02-0-2507(11)-2-6	57	57	100
11	Maintenance & Improvement building 282-02-02-0-2001(11)-1	1,250	1,250	100
	<b>Total</b>	<b>32,620</b>	<b>32,609</b>	

### 13.1.5 Staff Position

Table 13-2: Staff position

No	Designation	Approved Cadre	Present Cadre	Deficit/Excess
1	Director of Irrigation (Civil)	1	1	-
2	Chief Engineer		1	-
3	Irrigation Engineer	6	4	-2
4	Divisional Assistant	1	1	-
5	Engineering Assistant	4	2	-2
6	Development Officer	1	3	+2
7	Draughtsman	1	0	-1
8	Management Service officer	3	5	+2
9	Store Keeper	1	0	-1
10	Technical Assistant (Civil)	1	1	-
11	Driver	3	1	-2
12	Plan printer/helper	1	0	-1
13	Office Assistant	2	1	-1
14	Field Watcher	2	1	-1
15	Lab Assistant	1	1	-
16	Labourer (25/2014)		12	
17	Labourer		3	



## 14 Other Projects Implemented by the Irrigation Department

### (a) Climate Resilience Improvement Project - Project Component ID

The project is mainly focused to establish a process that would build a more climatic resilient economy since current understanding of multispectral impacts of climate and flood & drought modeling and 393 scenario analysis are not adequate at present. In addition, project supports to implement urgent climate mitigation investments required to ensure the short-term integrity of flood control and irrigation infrastructure, transport network and critical education facilities at risk.

Therefore, project Development objectives will be achieved through evidence based investment of project funds for the following two project components;

- 1 Development of basin investment plans
- 2 Increase climate resilience of infrastructure

#### Locations

The project covers 21 major irrigation schemes in 09 Regions which are scattered in the Ampara, Anuradhapura, Batticaloa, Hambantota, Kurunegala, Monaragala, Polonnaruwa, Puttalam and Trincomalee districts.

#### CRIP ID – Progress up to 30<sup>th</sup> September 2021

Total Approved Estimated Cost	: Rs 5,927.53 million (541 Packages)
Total Awarded cost up to September 2021	: Rs. 5,674.13 million (541 Packages)
Total Completed Packages September 2021	: Rs. 5,674.13 million (541 Packages)
Expenditure up to September 2021	: Rs 4,421.30 Million

#### Climate Resilience Improvements Project (CRIP) - Additional Financing

The project additional financing covers 22 major irrigation schemes in 11 Regions which are scattered in the Ampara, Anuradhapura, Batticaloa, Hambantota, Kandy, Mannar, Monaragala, Trincomalee, Kurunegala, Puttalam and Polonnaruwa districts.

#### CRIP Additional Financing-Progress up to 30<sup>th</sup> September 2021

Total Approved Estimated Cost	: Rs 4,333.97 million (160 Packages)
Total Awarded cost up to September 2021	: Rs. 4,162.40 million (160 Packages)
Total Completed Packages September 2021	: Rs. 4,162.40 million (160 Packages)
Expenditure up to September 2021	: Rs 3,480.75 million

## **(b) Productivity Enhancement and Irrigation System Efficiency Improvement Project (PEISEIP)**

### **Scope of the Project**

It is to enhance the land, water and crop productivity of 80 irrigation schemes in Sri Lanka by improving the irrigation system efficiencies focusing on improving the land productivity and climate resilience by achieving the objectives oriented performance on water use efficiency, land productivity and crop productivity.

Project Period : 2017 - 2022

Total Project Cost : Rs. Million 18, 450

Project Area : 40 major and 40 medium irrigation schemes in 14 water districts

Expected Outcomes :

- Improved irrigation infrastructure for 72, 882 ha of irrigable lands benefitting to 97, 832 number of Farmer families.
- Improved canal systems.  
Main canal – 110km, D canals – 280km, Field canals – 480km in selected project area
- Improved farm roads of 320km.
- Establishing flow measurement network.
- Establishing GIS database project monitoring system & effective irrigation scheme performance assessment programme.
- Improved farm products with value added mechanism and marketing facilities.

The project funded by local consolidation funds and started in 2017 with Rs. 300 million, in 2018, 2019 and 2020 Rs. 500million, 1000 million and 366 million allocations were granted respectively. Most of the initial activities such as farmers and officers' awareness, baseline survey, and Joint Action Plans (JAP) and field surveys were carried out during the first two years of the project in addition to the physical work done.

In 2021, only the continuation works of the project were carried out. All the activities are formulated with the participation of farmers and having series of meeting at scheme level. Thereby, entire project process was disturbed due to the Covid - 19 pandemic situations in the country and received only the limited allocation about Rs.231m. But all the essential works proposed by farmer organization in previous year were fulfilled by the given allocations. As a result, successful cultivation performances were achieved in the project area.

### **(c) Wari Saubhagya National Programme for Rehabilitation of Rural Tank and Anicut**

Project Period : 2021-2022

Total Project Cost : Rs. 5140 Mn

Project Area : 25 Districts

Expected Outcomes :

- Cultivation of 50,000 acs. of barren paddy field by improving 2500 number of village tanks which are fully abundant or partially damage,
- Increasing cropping intensity more than 1.7 by cultivation of paddy and other field crops in 25,000 acs of paddy lands and increasing production.
- Contribution to the rural economic development
- Improving ground water table by increasing surface water storage.
- Increasing water availability for domestic usage, human and animal consumption.

The project funded by consolidation funds and started in 2021 with Rs. 1600 Mn. It was planned to implement 1454 work items under Wari Saubhagya programme during the year 2021. Summary of the work carried out is tabulated as follows.

Item	District	Selected Scheme	Implemented By ID	work commenced during 2021	Completed			Overall Progress %	Expenditure Rs. Mn
					100 %	> 75%	> 50 %		
1	Ampara	145	66	49	25	12	6	62	137.924
2	Anuradhapura	200	113	53	32	12	4	66	266.726
3	Badulla	154	67	37	29	4	3	86	71.135
4	Batticaloa	88	58	23	15	7	1	100	225.035
5	Colombo	42	15	12	8	3	1	96	37.31
6	Gampaha	45	15	12	4	3	1	38	11.545
7	Ratnapura	158	48	20	12	3	2	86	30.091
8	Kalutara	71	28	12	6	1	2	67	20.852
9	Galle	155	68	53	28	14	5	60	26.317
10	Matara	149	75	70	65	1	1	94	46.824
11	hambantota	100	59	40	20	11	5	69	166.728
12	Kandy	43	49	35	18	6	3	68	68.653
13	Matale	37	23	19	6	2	5	42	66.905
14	Nuwaraeliya	33	14	8	5	3	0	100	25.453
15	Kegalla	14	9	6	3	3	0	72	7.399
16	Kurunegala	585	104	78	31	18	20	77	217.072
17	Mannar	126	124	36	11	10	6	57	112.085
18	Vavuniya	100	88	17	5	7	1	46	94.105
19	Monaragala	170	126	24	14	7	0	86	112.359
20	Polonnaruwa	45	15	29	11	11	2	65	88.023
21	Puttalam	173	60	25	11	6	4	64	101.075
22	Trincomalee	99	65	37	34	3	1	92	313.22
23	Mulativ	58	34	6	0	1	2	25	27.171
24	Killinochchi	104	50	5	0	1	1	10	4.519
25	Jaffna	87	81	33	8	6	11	18	4.711
									3.711
	Total	2981	1454	739	401	155	87	69	2,286.948

## Annex 1: Financial Performance

Financial Performance

Programme 01 – Operational Activities

(Rs. '000)

Project	Object Code	Description	2020 Estimate	2020 Actual	2021 Estimate	2021 Actual	Increase/ Decrease Over 2020 Expenditure	Increase/ Decrease based on Actual Expenditure 2020 %
1		<b>Recurrent Expenditure</b>	<b>713,100</b>	<b>701,219</b>	<b>737,475</b>	<b>707,272</b>	<b>6,053</b>	0.86
		<b>Personal Emoluments</b>	<b>612,600</b>	<b>603,513</b>	<b>610,500</b>	<b>587,250</b>	<b>(16,263)</b>	(2.69)
	1001	Salaries and Wages	436,640	432,394	433,000	420,352	(12,042)	(2.78)
	1002	Over Time and Holiday Payments	6,410	6,359	8,500	7,642	1,283	20.18
	1003	Other Allowances	169,550	164,760	169,000	159,256	(5,504)	(3.34)
		<b>Travelling Expenses</b>	<b>4,265</b>	<b>3,907</b>	<b>5,000</b>	<b>4,091</b>	<b>184</b>	4.71
	1101	Domestic	4,265	3,907	5,000	4,091	184	4.71
	1102	Foreign	-	-	-	-	-	
		<b>Supplies</b>	<b>25,645</b>	<b>25,161</b>	<b>32,900</b>	<b>32,852</b>	<b>7,691</b>	30.57
	1201	Stationery and Office Requisites	8,040	8,035	10,500	10,478	2,443	30.40
	1202	Fuel	17,130	16,694	22,000	21,979	5,285	31.66
	1203	Diets and Uniform	475	432	400	395	(37)	(8.56)
		<b>Maintenance Expenditure</b>	<b>12,720</b>	<b>12,646</b>	<b>17,700</b>	<b>17,670</b>	<b>5,024</b>	39.73
	1301	Vehicles	10,730	10,717	15,500	15,470	4,753	44.35
	1302	Plant and Machinery	1,990	1,929	2,200	2,200	271	14.05
		<b>Contractual Services</b>	<b>52,840</b>	<b>51,104</b>	<b>65,975</b>	<b>60,399</b>	<b>9,295</b>	18.19
	1401	Transport	7,365	7,235	12,000	11,859	4,624	63.91
	1402	Postal and Communication	10,480	9,697	15,000	12,996	3,299	34.02
	1403	Electricity & Water	17,780	17,045	18,650	15,364	(1,681)	(9.86)
	1404	Rents and Local Taxes	3,150	3,148	3,125	3,123	(25)	(0.79)
	1408	Lease rental for Vehicle Procured	-	-	-	-	-	
	1409	Other	14,065	13,979	17,200	17,057	3,078	22.02
		<b>Transfer</b>	<b>5,030</b>	<b>4,888</b>	<b>5,400</b>	<b>5,010</b>	<b>122</b>	2.50
	1502	Retirements Benefits	-	-	-	-	-	
	1505	Subscriptions and contributions Fees	1,790	1,657	2,100	1,970	313	18.89
	1506	Property Loan Interest to Public Servants	3,240	3,231	3,300	3,040	(191)	(5.91)
		<b>Other Recurrent Expenditure</b>	-	-	-	-	-	
	1703	Implementation of the Official Languages Policy	-	-	-	-	-	

Project	Object Code	Description	2020 Estimate	2020 Actual	2021 Estimate	2021 Actual	Increase/ Decrease Over 2020 Expenditure	Increase/ Decrease based on Actual Expenditure 2020 %
1		<b>Capital Expenditure</b>	<b>32,360</b>	<b>32,335</b>	<b>83,000</b>	<b>81,360</b>	<b>49,025</b>	<b>151.62</b>
		<b>Rehabilitation and Improvement of Capital Assets</b>	<b>30,360</b>	<b>30,339</b>	<b>75,000</b>	<b>73,896</b>	<b>43,557</b>	<b>143.57</b>
	2001	Building and Structures	21,430	21,423	50,000	50,000	28,577	133.39
	2002	Plant Machinery and equipment	2,000	2,000	5,000	5,000	3,000	150.00
	2003	Vehicles	6,930	6,916	20,000	18,896	11,980	173.22
		<b>Acquisition of Capital Assets</b>	<b>1,400</b>	<b>1,396</b>	<b>2,000</b>	<b>2,000</b>	<b>604</b>	<b>43.27</b>
	2102	Furniture and Office Equipment	1,400	1,396	2,000	2,000	604	43.27
		<b>Human Resource Development</b>	<b>600</b>	<b>600</b>	<b>6,000</b>	<b>5,464</b>	<b>4,864</b>	<b>810.67</b>
	2401	Staff Training	600	600	6,000	5,464	4,864	810.67
		<b>Total Expenditure</b>	<b>745,460</b>	<b>733,554</b>	<b>820,475</b>	<b>788,632</b>	<b>55,078</b>	<b>152</b>

## Programme 02- Development Activities

(Rs. '000)

Sub Project	Object Code	Description	2020 Estimate	2020 Actual	2021 Estimate	2021 Actual	Increase/ Decrease Over 2020 Expenditure	Increase/ Decrease based on Actual Expenditure 2020 -%
		<b>Recurrent Expenditure</b>	<b>2,455,100</b>	<b>2,428,986</b>	<b>2,562,435</b>	<b>2,506,295</b>	<b>77,309</b>	<b>3.18</b>
		<b>Personal Emoluments</b>	<b>2,319,230</b>	<b>2,294,737</b>	<b>2,369,600</b>	<b>2,318,508</b>	<b>23,771</b>	<b>1.04</b>
	1001	Salaries and Wages	1,685,280	1,667,130	1,710,000	1,682,475	15,345	<b>0.92</b>
	1002	Over Time and Holiday Payments	18,910	18,798	24,600	24,512	5,714	<b>30.40</b>
	1003	Other Allowances	615,040	608,809	635,000	611,521	2,712	<b>0.45</b>
		<b>Travelling Expenses</b>	<b>12,100</b>	<b>11,972</b>	<b>16,000</b>	<b>15,890</b>	<b>3,918</b>	<b>32.73</b>
	1101	Domestic	12,100	11,972	16,000	15,890	3,918	<b>32.73</b>
		<b>Supplies</b>	<b>46,930</b>	<b>46,718</b>	<b>95,410</b>	<b>92,415</b>	<b>45,697</b>	<b>97.81</b>
	1201	Stationery and Office Requisites	5,320	5,307	8,000	7,992	2,685	<b>50.59</b>
	1202	Fuel	40,100	39,979	86,000	83,022	43,043	<b>107.66</b>
	1203	Diets and Uniform	1,510	1,432	1,410	1,401	(31)	<b>(2.16)</b>
		<b>Maintenance Expenditure</b>	<b>8,570</b>	<b>8,548</b>	<b>14,000</b>	<b>13,925</b>	<b>5,377</b>	<b>62.90</b>
	1301	Vehicles	7,980	7,966	13,000	12,955	4,989	<b>62.63</b>
	1302	Plant and Machinery	590	582	1,000	970	388	<b>66.67</b>
		<b>Contractual Services</b>	<b>60,650</b>	<b>59,433</b>	<b>59,025</b>	<b>57,471</b>	<b>(1,962)</b>	<b>(3.30)</b>
	1401	Transport	1,750	1,750	1,800	1,800	50	<b>2.86</b>
	1402	Postal and Communication	14,850	14,743	16,000	15,831	1,088	<b>7.38</b>
	1403	Electricity & Water	41,190	40,256	38,000	36,668	(3,588)	<b>(8.91)</b>
	1404	Rents and Local Taxes	1,910	1,904	2,825	2,807	903	<b>47.43</b>
	1405	Other	-	-	-	-	-	
	1408	Lease rental for Vehicle Procured	-	-	-	-	-	
	1409	Other	950	780	400	365	(415)	<b>(53.21)</b>
		<b>Transfer</b>	<b>7,620</b>	<b>7,578</b>	<b>8,400</b>	<b>8,086</b>	<b>508</b>	<b>6.70</b>
	1505	Subscriptions and Contribution Fees	-	-	400	400	400	
	1506	Property Loan Interest to Public Servants	7,620	7,578	8,000	7,686	108	<b>1.43</b>

Sub Project	Object Code	Description	2020 Estimate	2020 Actual	2021 Estimate	2021 Actual	Increase/ Decrease Over 2020 Expenditure	Increase/ Decrease based on Actual Expenditure 2020 - %
	1703	<b>Other Recurrent Expenditure</b> Implementation of the Official Languages Policy	-	-	-	-	-	-
		<b>Capital Expenditure</b>	<b>8,440,000</b>	<b>8,433,660</b>	<b>11,285,590</b>	<b>8,443,870</b>	<b>(345,363)</b>	<b>(4.10)</b>
		<b>Rehabilitation and Improvement of Capital Assets</b>	<b>432,440</b>	<b>432,116</b>	<b>656,500</b>	<b>627,529</b>	<b>195,413</b>	<b>45.22</b>
	2001	Building and Structures	337,740	337,739	511,500	496,448	158,709	<b>46.99</b>
	2002	Plant Machinery and equipment	58,100	57,786	110,000	97,186	39,400	<b>68.18</b>
	2003	Vehicles	36,600	36,591	35,000	33,895	(2,696)	<b>(7.37)</b>
		<b>Acquisition of Capital Assets</b>	<b>58,250</b>	<b>58,240</b>	<b>311,000</b>	<b>279,679</b>	<b>221,439</b>	<b>380.22</b>
	2101	Vehicles	-	-	-	-	-	
	2102	Furniture and Office Equipment	3,570	3,563	5,000	1,738	(1,825)	<b>(51.22)</b>
	2103	Plant Machinery and equipment	26,530	26,527	240,000	214,638	188,111	<b>709.13</b>
	2104	Building and Structures	28,150	28,150	66,000	63,303	35,153	<b>124.88</b>
		<b>Human Resource Development</b>	<b>2,630</b>	<b>2,630</b>	<b>10,000</b>	<b>9,326</b>	<b>6,696</b>	<b>254.60</b>
	2401	Staff Training	2,630	2,630	10,000	9,326	6,696	<b>254.60</b>
		<b>Other Capital Expenditure</b>						
	2503	<b>Contingency Servises</b>	<b>5,410</b>	<b>5,356</b>	<b>7,000</b>	<b>6,721</b>	1,365	<b>25.49</b>
	2505	<b>Procurement Preparedness</b>	<b>900</b>	<b>877</b>	<b>7,500</b>	<b>6,756</b>	5,879	<b>670.35</b>
	2507	<b>Research &amp; Development</b>	<b>93,300</b>	<b>92,731</b>	<b>101,300</b>	<b>95,513</b>	2,782	<b>3.00</b>
							-	
1	2001	<b>Gravity Irrigation Works</b>	<b>653,330</b>	<b>653,306</b>	<b>700,000</b>	<b>679,237</b>	<b>25,931</b>	<b>3.97</b>
		Building & Structures	653,330	653,306	700,000	679,237	25,931	<b>3.97</b>
							-	

Sub Project	Object Code	Description	2020 Estimate	2020 Actual	2021 Estimate	2021 Actual	Increase/ Decrease Over 2020 Expenditure	Increase/ Decrease based on Actual Expenditure 2020 - %
2	2001	<b>Improvements to major Irrigation Works</b>	<b>12,850</b>	<b>12,710</b>			<b>(12,710)</b>	<b>(100.00)</b>
		Building & Structures	12,850	12,710	-	-	(12,710)	(100.00)
3	2001	<b>Additions and Improvements to Existing Irrigation Works</b>	<b>60,710</b>	<b>60,007</b>			<b>(60,007)</b>	<b>(100.00)</b>
		Irrigation Works	60,710	60,007	-	-	(60,007)	(100.00)
4	2001	<b>Essential Rehabilitation in selected Major Irrigation Schemes</b>	<b>414,100</b>	<b>414,059</b>	<b>800,000</b>	<b>760,700</b>	<b>346,641</b>	<b>83.72</b>
		Essential Rehabilitation	414,100	414,059	800,000	760,700	346,641	83.72
5	2105	<b>River Basin Development &amp; Management</b>	-	-	<b>400,000</b>	<b>355,573</b>		
		River Basin Development & Management	-	-	400,000	355,573	355,573	
	2105	<b>Lands and Land Improvement</b>	<b>6,559,890</b>	<b>6,555,497</b>	<b>7,395,000</b>	<b>4,971,438</b>	<b>(1,584,059)</b>	<b>(24.16)</b>
	2105	<b>Lands and Land Improvement</b>	<b>146,190</b>	<b>146,131</b>	<b>897,290</b>	<b>651,398</b>	<b>505,267</b>	<b>345.76</b>
		<b>Total Expenditure</b>	<b>10,895,100</b>	<b>10,862,646</b>	<b>13,848,025</b>	<b>10,950,165</b>	<b>(268,054)</b>	<b>(2.47)</b>



## Annex 2: Committed Expenditure 2021

Committed Expenditure - December 2021

Head - 282

Programme : 01 – Operational Activities

Project : 01 – Administration & Establishment Services

Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Budget Allocation year 2021 Rs'000	Revised Budget Allocation year 2021 Rs'000	Expenditure up to end of December 2021 Rs '000	Financial Progress against Revised Allocation (%)
					<b>Capital Expenditure</b>				
	2001	11			<b>Rehabilitation and Improvements of Capital Assets</b>	<b>75,000</b>	<b>75,000</b>	<b>73,896</b>	<b>100</b>
					<b>Buildings and Structures</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>100</b>
			1		Irrigation Secretariat	20,000	20,000	20,000	100
			2		Expansion of facilities at ITI Galgamuwa	15,000	15,999	15,999	100
			3		Rehabilitation of Ratmalana Housing Scheme	10,000	10,162	10,162	100
			4		Improvements to laboratories in head office premises	5,000	3,839	3,839	100
	2002	11			<b>Plant Machinery &amp; Equipment</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>100</b>
	2003	11			<b>Vehicles</b>	<b>20,000</b>	<b>20,000</b>	<b>18,896</b>	<b>100</b>
					<b>Acquisition of Capital Assets</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>100</b>
	2102	11			Furniture and Office Equipment	2,000	2,000	2,000	100
					<b>Capacity Building</b>	<b>6,000</b>	<b>6,000</b>		-
	2401	11			<b>Staff Training</b>	<b>6,000</b>	<b>6,000</b>	<b>5,464</b>	<b>91</b>
			1		Attending Training programmes, international events, bi lateral agreements, and Funding programmes	2,000	2,502	2,502	100
			2		Attending Local Training programmes	2,000	1,498	1,415	94
			3		Conducting Efficiency bar exams and other programmes related to SOR of relevant services.	2,000	2,000	1,548	77
					<b>Total</b>	<b>83,000</b>	<b>83,000</b>	<b>81,359</b>	<b>99</b>

## Committed Expenditure - December 2021

Head - 282

Programme : 01 – Operational Activities

Project : 02 – Administration &amp; Maintenance of Irrigation Schemes

Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Budget Allocation year 2021 Rs'000	Revised Budget Allocation year 2021 Rs'000	Expenditure up to end of December 2021 Rs '000	Financial Progress against Revised Allocation %
					<b>Capital Expenditure</b>				
					<b>Rehabilitation and Improvement of Capital Assets</b>	<b>605,000</b>	<b>656,500</b>	<b>627,654</b>	<b>100</b>
	2001	11			<b>Buildings and Structures</b>	<b>500,000</b>	<b>511,500</b>	<b>496,573</b>	<b>100</b>
			1		Maintenance and Improvements to Buildings	50,000	65,559	62,917	96
			2		Operation and Maintenance of Gravity Irrigation Works	10,500	10,587	10,179	96
			3		Operation and Maintenance of Lift & Micro Irrigation Works	4,500	4,869	4,829	99
			4		Operation and Maintenance of Drainage and Flood Protection Works	70,000	70,000	66,945	96
			5		Maintenance of Departmental Roads in Irrigation Schemes	40,000	40,730	40,192	99
			6		Maintenance & Improvements to Mahanuwara Wewa	9,000	9,000	8,785	98
			7		Electrical / Electromechanical Installations	7,000	7,634	7,588	99
			8		Farmer Organization Development and Farm Productivity & Profitability	5,000	5,000	4,576	92
			9		Flood Damage repairs and other repairs due to natural Disasters	175,000	169,768	165,307	97
			10		Improvements to Head Works of Tanks for Additional Safety	40,000	39,366	39,316	100
			11		Recovery of Possession and Safeguarding of Departmental Lands and Reservations	6,000	10,477	10,427	100
			12		Management supporting facilities for O&M	11,000	11,000	10,219	93
			13		Remedial measures to safeguard crops during emergency situations	4,000	4,100	4,073	99

Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Budget Allocation year 2021 Rs'000	Revised Budget Allocation year 2021 Rs'000	Expenditure up to end of December 2021 Rs '000	Financial Progress against Revised Allocation %
			14		Protection of upper catchment and water shed management	2,000	1,031	746	72
			15		Maintenance & Improvements of Department Circuits Bungalows	20,000	18,879	17,698	94
			16		Improvements to spill tail canal & Drainage system in Irrigation schemes	25,000	22,000	21,535	98
			17		Improvements to Mechanical Workshops	5,000	5,000	4,865	97
			18		Improvements and maintenance of Hydrological Gauging Stations	2,000	2,000	1,938	97
			19		Improvements to feeder canals	10,000	10,000	9,948	99
			20		Maintenance and Improvements to model farms	4,000	4,500	4,491	100
	2002	11			<b>Plant, Machinery and Equipment</b>	<b>70,000</b>	<b>110,000</b>	<b>97,186</b>	<b>100</b>
			1		Plant, Machinery and Equipment	65,000	105,000	92,449	88
			2		Operation & Maintenance & Service of training & other equipment at ITI Galgamuwa	5,000	5,000	4,738	95
	2003	11			<b>Vehicles</b>	<b>35,000</b>	<b>35,000</b>	<b>33,895</b>	<b>99</b>
					<b>Acquisition of Capital Assets</b>	<b>355,000</b>	<b>311,000</b>	<b>279,680</b>	<b>92</b>
	2102	11			Furniture and Office Equipment	5,000	5,000	1,738	35
	2103	11			<b>Plant, Machinery and Equipment</b>	<b>300,000</b>	<b>240,000</b>	<b>214,638</b>	<b>90</b>
			1		Purchase of Machinery	245,000	166,002	162,307	98
			2		Purchase of Equipment for ITI Galgamuwa	2,000	0	-	-
			3		Purchase of Instruments and required tools for LUD, Hydraulics lab, Geology lab, Engineering Materials lab, Hydrology and GIS divisions.	21,000	18,264	17,126	94
			4		Purchase of Communication Equipment	7,000	9,658	1,443	15

Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Budget Allocation year 2021 Rs'000	Revised Budget Allocation year 2021 Rs'000	Expenditure up to end of December 2021 Rs '000	Financial Progress against Revised Allocation %
			5		Purchase of O&M Machinery & field Equipment	10,000	28,126	25,788	92
			6		Purchase of equipments for Mechanical Workshop	15,000	17,950	7,974	44
	2104	11			<b>Buildings and Structures</b>	<b>50,000</b>	<b>66,000</b>	<b>63,303</b>	<b>100</b>
			1		Balance work of Construction of bachelor's quarters for EA (Ladies) Pottuvil DIE Office	2,500	2,500	2,500	100
			2		Balance work of Construction of bachelor's quarters for EA (Gents) Pottuvil DIE Office	2,500	2,500	2,500	100
			3		Balance work of Construction of bachelor's quarters for EA (Ladies) Muthur DIE Office	1,500	1,310	1,310	100
			4		Balance work of Construction of quarters in Kurunegala DI Office	5,000	5,000	5,000	100
			5		Construction of Staff grade Quarters at Jawatta (Directors)	18,000	30,190	30,141	100
			6		Balance work of Construction of Kandy workshop	1,000	1,000	999	100
			7		Balance work of Construction of Mahaoya DIE's offices	3,000	0	-	-
			8		Balance work of Construction of Kalmune DIE's offices	4,000	13,600	13,540	100
			9		Construction of Central Zonal offices	10,000	9,750	7,164	73
			10		Construction of New quarters & Office Building for the Irrigation Department	2,500	150	150	100
	2401	11			<b>Capacity Building</b>	<b>30,000</b>	<b>10,000</b>	<b>9,326</b>	<b>94</b>
					Staff Training	30,000	10,000	9,326	94
			1		Training at Galgamuwa ITI, Kotmale, Regional & Zones	20,000	10,000	9,326	93
			2		Training programme conducted with the collaboration of foreign institute	10,000	0	-	-

Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Budget Allocation year 2021 Rs'000	Revised Budget Allocation year 2021 Rs'000	Expenditure up to end of December 2021 Rs '000	Financial Progress against Revised Allocation %
	2503	11			<b>Other Capital Expenditure</b>	<b>121,300</b>	<b>115,800</b>	<b>108,990</b>	<b>96</b>
					<b>Contingency Services</b>	<b>7,000</b>	<b>7,000</b>	<b>6,721</b>	<b>97</b>
			1		Plan Implementation, Monitoring and Project Evaluation	100	97	96	100
			2		Management supporting facilities for Human Resources Development	1,150	800	800	100
			3		Exhibitions and other publicity related expenditure	600	603	603	100
			4		Welfare facilities	1,000	2,415	2,187	91
			5		Land & Legal Matters	400	400	399	100
			6		Activities related to water day	1,500	2,660	2,632	99
			7		Broadcasting & Telecasting water sector Development & Operation	1,500	0	-	-
			8		Activities related to River day	750	25	2	9
	2505	11			<b>Procurement Preparedness</b>	<b>5,000</b>	<b>7,500</b>	<b>6,756</b>	<b>90</b>
			1		Facilities for data analysis and Documentation for Investigation works	1,000	1,500	940	63
			2		Arbitration Fees	500	0	-	-
			3		Tender Evaluation and Publicity of Major Contracts	1,750	2,750	2,566	93
			4		Publicity and Registration of Suppliers for Procurement of Machinery and Equipment	1,750	3,250	3,250	100
	2507	11			<b>Research &amp; Development</b>	<b>109,300</b>	<b>101,300</b>	<b>95,513</b>	<b>96</b>
			008		<b>Feasibility Studies</b>	<b>57,300</b>	<b>44,300</b>	<b>39,937</b>	<b>90</b>
			1		Feasibility Studies for Major ,Medium Irrigation Projects and surveys/soil/Geo Technical Investigations	30,000	26,600	22,413	84
			2		Environmental Impact Assessment Studies ( EIA )	18,000	8,400	8,224	98
			3		Surveying & Investigation of existing Schemes	9,300	9,300	9,300	100

Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Budget Allocation year 2021 Rs'000	Revised Budget Allocation year 2021 Rs'000	Expenditure up to end of December 2021 Rs '000	Financial Progress against Revised Allocation %
			009		<b>Specialized Studies</b>	<b>47,000</b>	<b>52,000</b>	<b>51,980</b>	<b>100</b>
				1	Hydrological Studies and data Collection	20,000	32,646	32,645	100
				2	Land Use Studies	2,500	2,337	2,336	100
				3	Geological Studies	3,500	3,500	3,500	100
				4	Hydraulic Model Studies	1,500	1,562	1,562	100
				5	Engineering Material Studies	3,000	3,000	2,997	100
				6	Geo informatics studies	1,000	628	628	100
				7	Calibration & Water Management Studies	5,000	4,212	4,206	100
				8	Research Support & Process Improvement	1,000	405	405	100
				9	Establishment of 4 nos of water quality monitoring units & water quality monitoring of Reservoirs	8,000	1,660	1,654	100
				10	Demonstration Irrigation systems on new technology at ITI Galgamuwa	1,500	2,050	2,047	100
			010		<b>Enhancing &amp; Upgrading the Irrigation Department IT &amp; other Capabilities</b>	<b>5,000</b>	<b>5,000</b>	<b>3,595</b>	<b>72</b>
				1	Computerization and networking of the Irrigation Department to enhance and upgrade the Engineering and Management Processes	2,000	2,100	2,100	100
				2	Improving and Upgrading the Hydrological Monitoring and Flood Warning capabilities of the Hydrology Division	3,000	2,900	1,495	52

Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Budget Allocation year 2021 Rs'000	Revised Budget Allocation year 2021 Rs'000	Expenditure up to end of December 2021 Rs '000	Financial Progress against Revised Allocation %
1	2001	11			<b>Gravity Irrigation Works</b>	<b>700,000</b>	<b>700,000</b>	<b>679,148</b>	<b>100</b>
				1	Establishment & Improvement of Unit Offices	50,000	50,000	46,718	93
				2	Gravity Irrigation works	600,000	600,000	586,224	98
				3	Improvements to Major Irrigation works	20,000	20,000	19,434	97
				4	Additions and improvements to existing Irrigation works	30,000	30,000	26,772	89
4	2001	11			<b>Essential Rehabilitation in Selected Major Irrigation Works</b>	<b>800,000</b>	<b>800,000</b>	<b>760,700</b>	<b>100</b>
5	2105	11			<b>River Basin Development &amp; Management</b>	<b>500,000</b>	<b>400,000</b>	<b>355,595</b>	<b>100</b>
				1	Sediment transport studies & data collection	3,000	307.800	308	100
				2	Establishing river profiles in major rivers	123,000	100,010	86,143	86
				3	Establishment of new hydrological gauging station in major rivers	30,000	17,423	12,491	72
				4	Hydraulic Model Studies for Riverine Management	2,000	0	-	-
				5	Community awareness	7,000	3,875	3,265	84
				6	Embankment Protection	220,000	186,232	173,646	93
				7	Water Quality Monitoring	5,000	1,400	1,120	80
				8	Clean river programme	20,000	17,575	17,252	98
				9	River Basin Management	90,000	73,177	61,371	84
					<b>Total</b>	<b>3,111,300</b>	<b>2,993,300</b>	<b>2,821,095</b>	<b>99</b>

Committed Expenditure - December 2021  
Head - 282  
Programme : 02 – Development Activities  
Project : 03 – Major Irrigation Schemes

Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Budget Allocation year 2021 Rs'000	Revised Budget Allocation Rs'000	Expenditure up to end of December 2021 (Rs'000)	Financial progress against Revised Allocation (%)
					<b>Capital Expenditure</b>				
1	2105	11			Daduru Oya Reservoir	665,000	565,000	556,105	98.43
2	2105	11			Menik Ganga Reservoir	50,000	50,000	45,209	90.42
3	2105	11			Rambukkan Oya Reservoir	5,000	5,000	2,486	49.72
5	2105	11			Yan Oya Project	3,263,000	4,231,000	2,689,405	90.22
7	2105	11			Lower Uva Project	400,000	300,000	44,853	19.94
9	2105	11			Mahagona Wewa Project	58,000	50,000	36,193	74.13
13	2105	11			Morana Reservoir	400,000	400,000	209,618	55.38
14	2506	11			Ellawewa Reservoir	300,000	250,000	168,652	69.62
16	2105	11			Kalugal Oya Reservoir	116,000	116,000	73,530	63.39
17	2105	11			Kumbukkanoya Reservoir	300,000	100,000	95,379	107.99
19	2105	11			Rugam-Kitulgama Reservoir (Mundeni Aru Basin Development Project)	300,000	180,000	128,325	77.23
21	2105	11			Polonnaruwa District Irrigation Development project	100,000	200,000	168,403	99.97
22	2105	11			Accelerated Irrigation Development Project in Monaragala District (Wellassa Navodaya)	200,000	250,000	195,357	100.94
23	2105	11			Kelani River Bund Protection	100,000	170,000	136,837	100.45
25	2105	11			Development and Improvement of Godigamuwa Tank in Matale District	188,000	88,000	87,984	99.98
26	2105	11			Flood Mitigation Projects in Kelaniganga, Mundeni aru basin Kaluganga basin, Nilwala ganga basin & Ginganga	200,000	100,000	84,488	99.15

Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Budget Allocation year 2021 Rs'000	Revised Budget Allocation Rs'000	Expenditure up to end of December 2021 (Rs'000)	Financial progress against Revised Allocation (%)
28	2105	11			Rehabilitation of feeder tanks under Giants tank	150,000	150,000	141,045	94.03
29	2105	11			Supply Portable Water to the Population in the Jaffna Peninsula through the Development of Water Resources in the Vadamarachchi Lagoon	200,000	5,000	4,608	92.16
30	2506	11			Rehabilitation of Kudawilachchiya Reservoir	300,000	180,000	102,647	66.82
31	2506	11			Rehabilitation of Dematagalla Tank	100,000	5,000	256	19.82
<b>Total</b>						<b>7,395,000</b>	<b>7,395,000</b>	<b>4,971,380</b>	<b>85.34</b>

Committed Expenditure - December 2021

Head - 282

Programme : 02 – Development Activities

Project : 04 – Medium Irrigation Schemes

Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Budget Allocation year 2021 Rs'000	Revised Budget Allocation Rs'000	Expenditure up to end of December 2021 Rs '000	Financial progress against Revised Allocation (%)
<b>Capital Expenditure</b>									
44	2105	11			Wilakandiya Reservoir	85,000	35,000	32,007	100.88
46	2105	11			Extension of Kaudulla Stage II (Ella up to Damsopura Wewa)	56,000	56,000	56,000	100.00
47	2105	11			Augmentation of Mahagalgamuwa Tank	50,000	50,000	13,674	27.35
48	2506	11			Construction of Pethiyagoda Pump House	100,000	0	-	-
49	2105	11			Rehabilitation of Gingaga flood Regulation Project	100,000	100,000	89,187	89.19
50	2105	11			Bentara Ganga Right Bank Drainage & Saltwater Extrusion Scheme	200,000	100,000	69,950	69.95
51	2105	11			Rural tank Development Project under Wari Saubhagya Programme	-	556,290	389,557	104.54
<b>Total</b>						<b>591,000</b>	<b>897,290</b>	<b>650,375</b>	<b>94.25</b>



### Annex 3: Cadre Position of the Department

Designation	Service	Grade	Salary Code	Service Level	DMS Approved Cadre			Existing Cadre			Remarks
					Permanent	Contract	Casual	Permanent	Contract	Casual	
1 Director General of Irrigation- වාරිමාර්ග අධ්‍යක්ෂ ජනරාල්		Special	SL 3	Senior	1			1			
2 Additional Director General of Irrigation- අතිරේක වාරිමාර්ග අධ්‍යක්ෂ ජනරාල්	SLEgS	Special	SL 3	Senior	4			4			
3 Additional Director General- අතිරේක අධ්‍යක්ෂ ජනරාල්	SLAS	Special	SL 3	Senior	1			1			
4 Chief Financial Officer- ප්‍රධාන මූල්‍ය නිලධාරී	SLAcS	Special	SL 3	Senior	1			0			acting 01
5 Chief Engineer (Civil)- ප්‍රධාන ඉංජිනේරු (සිවිල්)	SLEgS	I	SL 1	Senior	40			20			acting 14
6 Director of Irrigation (Civil)- වාරිමාර්ග අධ්‍යක්ෂ (සිවිල්)	SLEgS	I	SL 1	Senior	36			36			
7 Director of Irrigation (Mechanical)- වාරිමාර්ග අධ්‍යක්ෂ(යාන්ත්‍රික)	SLEgS	I	SL 1	Senior	3			3			
8 Chief Engineer (Mechanical)- ප්‍රධාන ඉංජිනේරු (යාන්ත්‍රික)	SLEgS	I	SL 1	Senior	3			3			
9 Engineer (Civil)- ඉංජිනේරු (සිවිල්)	SLEgS	III/II	SL 1	Senior	229			186			Transfer 3
10 Earth Resource Engineer- භූ සම්පත් ඉංජිනේරු	SLEgS	III/II	SL 1	Senior	40			38			
11 Engineer (Mechanical)- ඉංජිනේරු (යාන්ත්‍රික)	SLEgS	III/II	SL 1	Senior	25			22			

12	Engineer (Electronic)- ඉංජිනේරු (ලුහු විදුලි)	SLEgS	III/II	SL 1	Senior	1			0			
13	Engineer (Electrical)- ඉංජිනේරු (බැර විදුලි)	SLEgS	III/II	SL 1	Senior	1			0			
14	Director (Administration)- අධ්‍යක්ෂ (පරිපාලන)	SLAS	I	SL 1	Senior	2			2			
15	Assistant Director/Deputy Director (Administration)- සහකාර අධ්‍යක්ෂ / නියෝජ්‍ය අධ්‍යක්ෂ (පරිපාලන)	SLAS	III/II	SL 1	Senior	2			0			
16	Assistant Director/Deputy Director (Land)- සහකාර අධ්‍යක්ෂ / නියෝජ්‍ය අධ්‍යක්ෂ (ඉඩම්)	SLAS	III/II	SL 1	Senior	1			0			
17	Assistant Director (ICT)- සහකාර අධ්‍යක්ෂ (තොරතුරු හා සන්නිවේදන තාක්ෂණ)	SLICTS	I/III	SL 1	Senior	1			0			
18	Chief Accountant- ප්‍රධාන ගණකාධිකාරී	SLAcS	I	SL 1	Senior	1			1			
19	Chief Accountant (Accounts & Estimates)- ප්‍රධාන ගණකාධිකාරී (ගිණුම් හා ඇස්තමේන්තු)	SLAcS	I	SL 1	Senior	1			1			
20	Chief Internal Auditor- ප්‍රධාන අභ්‍යන්තර විගණක	SLAcS	I	SL 1	Senior	1			1			
21	Accountant- ගණකාධිකාරී	SLAcS	III/II	SL 1	Senior	20			18			Transfer 1
22	Director (Land Use)- අධ්‍යක්ෂ (ඉඩම් පරිහරණ)	SLSS	I	SL 1	Senior	1			0			acting 01
23	Hydrological Data Superintendent- ජල විද්‍යා දත්ත අධිකාරී	SLSS	III/II	SL 1	Senior	1			0			
24	Hydrological Field Superintendent- ජල විද්‍යා ක්ෂේත්‍ර අධිකාරී	SLSS	III/II	SL 1	Senior	1			0			
25	Engineering Materials Superintendent- ඉංජිනේරුමය ද්‍රව්‍ය අධිකාරී	SLSS	III/II	SL 1	Senior	1			0			
26	Civil Engineering Materials Survey Superintendent- සිවිල් ඉංජිනේරුමය ද්‍රව්‍ය සමීක්ෂක අධිකාරී	SLSS	III/II	SL 1	Senior	1			0			
27	Hydrological Superintendent- ජලශක්ති අධිකාරී	SLSS	III/II	SL 1	Senior	1			0			

28	Land Use Superintendent- ඉඩම් පරිහරණ අධිකාරී	SLSS	III/II	SL 1	Senior	3			0		
29	Chief Drawing Office Assistant- ප්‍රධාන සැලසුම් කාර්යාල සහකාර	SLSS	III/II	SL 1	Senior	1			0		
30	Specialist Officer (Land Use)- විශේෂඥ නිලධාරී (ඉඩම් පරිහරණ)	SLSS	III/II	SL 1	Senior	2			0		
31	Assistant Soil Chemist- සහකාර පස් රසඥ	SLSS	III/II	SL 1	Senior	5			1		
32	Research Officer (Land Use)- පර්යේෂණ නිලධාරී (ඉඩම්) (පරිහරණ)	SLSS	III/II	SL 1	Senior	1			0		
33	Instrument Superintendent- උපකරණ අධිකාරී	SLSS	III/II	SL 1	Senior	1			1		
34	Geologist- භූ විද්‍යාඥ	SLSS	III/II	SL 1	Senior	2			2		
35	Legal Officer- නීති නිලධාරී	Departmental	III/II/I	SL 1	Senior	1			0		
36	Drilling Superintendent- විදුම් අධිකාරී	Departmental	III/II	SL 1	Senior	1			0		
	<b>Total of Senior level</b>					<b>437</b>			<b>341</b>		
37	Divisional Assistant (Mechanical)- කොට්ඨාශ සහකාර (යාන්ත්‍රික)	SLTS	Special	MN 7	Tertiary	6			0		
38	Drawing Office Assistant- සැලසුම් කාර්යාල සහකාර	SLTS	Special	MN 7	Tertiary	31			3		
39	Assistant Drilling Superintendent- සහකාර විදුම් අධිකාරී	SLTS	Special	MN 7	Tertiary	3			2		
40	Senior Hydrological Assistant- ජ්‍යෙෂ්ඨ ජල විද්‍යා සහකාර	SLTS	Special	MN 7	Tertiary	2			0		
41	Senior Hydrological Field Assistant- ජ්‍යෙෂ්ඨ ජල විද්‍යා ක්ෂේත්‍ර සහකාර	SLTS	Special	MN 7	Tertiary	3			0		
42	Senior Research Assistant (Civil Engineering, Materials)- ජ්‍යෙෂ්ඨ පර්යේෂණ සහකාර (සිවිල් ඉංජිනේරුමය ද්‍රව්‍ය)	SLTS	Special	MN 7	Tertiary	2			0		

43	Senior Civil Engineering Materials Surveyor- ජ්‍යෙෂ්ඨ සිවිල් ඉංජිනේරුමය ද්‍රව්‍ය සමීක්ෂක	SLTS	Special	MN 7	Tertiary	4			0		
44	Assistant Instrument Superintendent- සහකාර උපකරණ අධිකාරී	SLTS	Special	MN 7	Tertiary	1			0		
45	Senior Research Assistant (Hydraulics)- ජ්‍යෙෂ්ඨ පර්යේෂණ සහකාර (ජල ශක්ති)	SLTS	Special	MN 7	Tertiary	1			0		
46	Senior Research Assistant (General)- ජ්‍යෙෂ්ඨ පර්යේෂණ සහකාර (සාමාන්‍ය)	SLTS	Special	MN 7	Tertiary	1			0		
47	Senior Soil Cartographer- ජ්‍යෙෂ්ඨ පාංශු ප්‍රස්ථාරක	SLTS	Special	MN 7	Tertiary	1			0		
48	Senior Soil Surveyor- ජ්‍යෙෂ්ඨ පස් සමීක්ෂක	SLTS	Special	MN 7	Tertiary	3			0		
49	Administrative Officer- පරිපාලන නිලධාරී	PMAS	Supra	MN 7	Tertiary	22			11		
50	Divisional Assistant- කොට්ඨාශ සහකාර	EgAS	Special	MN 7	Tertiary	65			0		
51	Translator- භාෂා පරිවර්තක	TS	II/I	MN 6	Tertiary	3			2		
52	Information & Communication Technology Officer- තොරතුරු හා සන්නිවේදන තාක්ෂණ නිලධාරී	SLICTS	III/II/I	MN 6	Tertiary	1			1		
53	Institutional Development Officer- ආයතන සංවර්ධන නිලධාරී	Departmental	II/I	MN 5	Tertiary	16			8		
	<b>Total of Tertiary level</b>					<b>165</b>			<b>27</b>		
54	Development Assistant- සංවර්ධන සහකාර	Asso. Officer	III/II/I	MN 4	Secondary	-			-		
55	Budget Assistant- අයවැය සහකාර	Asso. Officer	III/II/I	MN 4	Secondary	1			1		
56	Development Officer- සංවර්ධන නිලධාරී	DOS	III/II/I	MN 4	Secondary	258			223		
57	Engineering Assistants + Training- ඉංජිනේරු සහකාර + පුහුණු	EgAS	III/II/I	MN 3	Secondary	636			547		

58	Draftsman- සැලසුම් ශිල්පී	SLTS	III/II/I	MN 3	Secondary	266			150			
59	Drilling Assistant- විදුම් සහකාර	SLTS	III/II/I	MN 3	Secondary	27			23			
60	Research Assistant (General)- පර්යේෂණ සහකාර (සාමාන්‍ය)	SLTS	III/II/I	MN 3	Secondary	6			4			
61	Civil Engineering Materials Surveyor- සිවිල් ඉංජිනේරුමය ද්‍රව්‍ය සමීක්ෂක	SLTS	III/II/I	MN 3	Secondary	38			20			
62	Soil Cartographer- පාංශු ප්‍රස්ථාරක	SLTS	III/II/I	MN 3	Secondary	5			4			
63	Hydrological Assistant- ජල විද්‍යා සහකාර	SLTS	III/II/I	MN 3	Secondary	19			11			
64	Hydrological Field Assistant- ජල විද්‍යා ක්ෂේත්‍ර සහකාර	SLTS	III/II/I	MN 3	Secondary	32			29			
65	Research Assistant (Engineering Material)- පර්යේෂණ සහකාර (ඉංජිනේරුමය ද්‍රව්‍ය)	SLTS	III/II/I	MN 3	Secondary	16			12			
66	Soil Surveyor- පස් සමීක්ෂක	SLTS	III/II/I	MN 3	Secondary	28			21			
67	Research Assistant (Hydraulics)- පර්යේෂණ සහකාර ජල ) (ශක්ති	SLTS	III/II/I	MN 3	Secondary	15			12			
68	Librarian- පුස්තකාලයාධිපති	SLGLS	III/II/I	MN 3	Secondary	2			0			
69	Mechanical Foreman- යාන්ත්‍රික මූලික	SLTS	III/II/I	MN 3	Secondary	22			9			
70	Management Service Officer- කළමනාකරණ සේවා නිලධාරී	MSOS	III/II/I	MN 2	Secondary	759			601			
71	Assistant Librarian- පුස්තකාල සහකාර	Departmental	III/II/I	MN 1	Secondary	2			0			
72	Store Keeper- ගබඩා භාරකරු	Departmental	III/II/I	MN 1	Secondary	81			68			
73	Typist- යතුරු ලේඛක	Departmental	III/II/I	MN 1	Secondary	4			4			

74	Clerk- ලිපිකරු	Departmental	III/II/I	MN 1	Secondary	2			2		
75	Technical Aide (Irrigation)- තාක්ෂණ සහායක (චාරිමාර්ග)	Departmental	III/II/I	MT 1	Secondary	463			451		
76	Technical Aide (Mechanical)- තාක්ෂණ සහායක (යාන්ත්‍රික)	Departmental	III/II/I	MT 1	Secondary	32			15		
77	Information & Communication Technology Assistant- තොරතුරු හා සන්නිවේදන තාක්ෂණ සහකාර	SLICTS	3-III/3-II/3-I	MT 1	Secondary	2			0		
	<b>Total of Secondary level</b>					<b>2716</b>			<b>2207</b>		
78	Driver- රියදුරු	DS	III/II/I/Sp	PL 3	Primary	300			282		
79	Operator- ක්‍රියාකරු	Departmental	III/II/I/Sp	PL 2	Primary	125			66		
80	Tractor Operator- ට්‍රැක්ටර් ක්‍රියාකරු	Departmental	III/II/I/Sp	PL 2	Primary	100			87		
81	Electrician- විදුලි කාර්මික	Departmental	III/II/I/Sp	PL 2	Primary	18			9		
82	Mechanic- කාර්මික ශිල්පී	Departmental	III/II/I/Sp	PL 2	Primary	83			49		
83	Welder- පැස්සුම්කරු	Departmental	III/II/I/Sp	PL 2	Primary	20			17		
84	Tinker- බෙලෙක් වැඩකරු	Departmental	III/II/I/Sp	PL 2	Primary	20			1		
85	Painter- පින්තාරුකරු	Departmental	III/II/I/Sp	PL 2	Primary	13			4		
86	Lathemen- ලියවන පට්ටල්කරු	Departmental	III/II/I/Sp	PL 2	Primary	6			4		
87	Fitter- සවිකරන්නා	Departmental	III/II/I/Sp	PL 2	Primary	7			0		
88	Machinist- යන්ත්‍රකරු	Departmental	III/II/I/Sp	PL 2	Primary	8			3		

89	Blacksmith- කම්මලේකරු	Departmental	III/II/I/Sp	PL 2	Primary	7			2			
90	Maintenance & Operating Labourer- නඩත්තු හා මෙහෙයුම් කම්කරු	Departmental	III/II/I/Sp	PL 2	Primary	870			448			
91	Pump Operator- ජල පොම්ප ක්‍රියාකරු	Departmental	III/II/I/Sp	PL 2	Primary	26			11			
92	Air Condition Repairer- වායු සමීකරණ අලුත්වැඩියාකරු	Departmental	III/II/I/Sp	PL 2	Primary	1			1			
93	Mason- පෙදරේරු	Departmental	III/II/I/Sp	PL 2	Primary	18			10			
94	Carpenter- වඩු කාර්මික	Departmental	III/II/I/Sp	PL 2	Primary	18			14			
95	Plumber- ජල නල කාර්මික	Departmental	III/II/I/Sp	PL 2	Primary	1			0			
96	Instrument Artificer- උපකරණ ශිල්පී	Departmental	III/II/I/Sp	PL 2	Primary	2			2			
97	Instrument Repairer- උපකරණ අලුත්වැඩියාකරු	Departmental	III/II/I/Sp	PL 2	Primary	4			1			
98	Hydrological Survey Labourer- ජලවිද්‍යා මිනුම් සහායක	Departmental	III/II/I/Sp	PL 2	Primary	110			78			
99	Circuit Bunglow Keeper- සංචාරක බංගලා භාරකරු	Departmental	III/II/I/Sp	PL 2	Primary	23			16			
100	Store Aide- ගබඩා සහායක	Departmental	III/II/I/Sp	PL 2	Primary	96			67			
101	Watch Repairer- හෝරාමාපක අලුත්වැඩියාකරු	Departmental	III/II/I/Sp	PL 2	Primary	1			1			
102	Fitter- වැද්දුම්කරු	Departmental	III/II/I/Sp	PL 2	Primary	7			3			
103	Laboratory Attendant- පර්යේෂණාගාර සහායක	Departmental	III/II/I/Sp	PL 1	Primary	67			36			
104	Plan Printer/ Helper- සැලසුම් මුද්‍රණකරු/ උදව්කරු	Departmental	III/II/I/Sp	PL 1	Primary	20			17			
105	Greaser- ශ්‍රීසර්	Departmental	III/II/I/Sp	PL 1	Primary	50			22			

106	Cleaner/ Helper	Departmental	III/II/I/Sp	PL 1	Primary	30			26			
107	Laboratory Labourer- රසායනාගාර කම්කරු	Departmental	III/II/I/Sp	PL 1	Primary	40			24			
108	KKS- කාර්යාල කාර්ය සහායක	OES	III/II/I/Sp	PL 1	Primary	197			150			
109	Field Watcher- ක්ෂේත්‍ර මුරකරු	Departmental	III/II/I/Sp	PL 1	Primary	96			61			
110	Irrigator- ජල පාලක	Departmental	III/II/I/Sp	PL 1	Primary	12			12			
111	Work Supervisor (On the acting basis)- වැඩ පරිපාලක කාර්යය නියුක්ත පදනම මත)	Departmental	III/II/I/Sp	PL 1	Primary	2			2			
112	Labourer- කම්කරු	Departmental	III/II/I/Sp	PL 1	Primary	122			122			
113	25/2014 Labourer **- 25/2014 අනුව කම්කරු	Departmental	III/II/I	PL 1	Primary	1159			1159			
114	Field Assistant	Departmental	III/II/I/Sp	PL 1	Primary	40			0			
	<b>Total of Primary Level</b>					<b>3719</b>			<b>2807</b>			
	<b>Total</b>					<b>7037</b>			<b>5382</b>			