



ADMINISTRATION REPORT 2022

Part II

PREPARED BY

PROGRAMME MANAGEMENT BRANCH

11 Regional Directors of Irrigation

11.1 Ampara Region

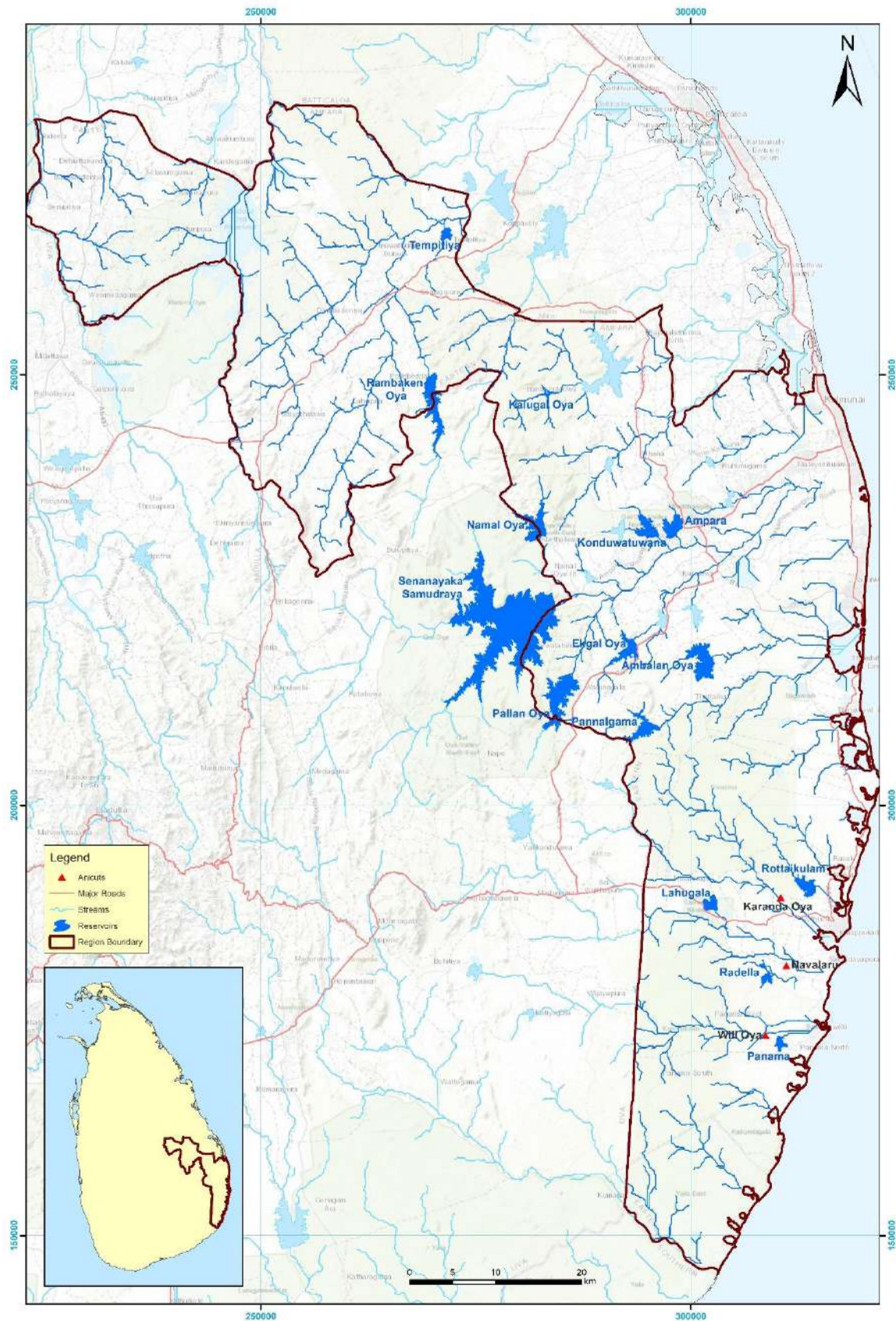


Figure 11-1: Scheme Map of Ampara Region

11.1.1 Introduction

Ampara region covers the administration area of Ampara district and it consists of 06 Divisional Irrigation Engineer's Divisions as Ampara, Akkaraipattu, Kalmunai, Sammanthurai, Mahaoya, and Pottuvil.

Total Irrigable extent under the Ampara region is 63,308 ha and maintaining 10 major tanks, 03 medium tanks and 03 anicuts. 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. The command area of Senanayake Samudraya scheme covered by the divisions of Ampara, Akkaraipattu, Sammanturai, and Kalmunai are as illustrated in below Table 11-1.

Table 11-1: Scheme details of Ampara region under Senanayake Samudra

Division	LB canal / (ha)	RB canal / (ha)	River Division / (ha)	Total / (ha)
Ampara	14,297	4,201	-	18,498
Akkaraipattu	-	11,929	2,218	14,147
Kalmunai	-	-	6,180	6,180
Sammanturai	3,827	-	5,994	9,821
Total	18,124	16,130	14,392	48,646

11.1.2 Divisions come under the Region

Ampara Division

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

Akkaraipattu Division

It covers 04 units under Senanayake Samudraya namely, Ilukkuchenai, Deegawapi, Akkaraipattu, and Veerayadi units. 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 such as, Ilukkuchenai tank, Neethai tank, Karadikulam tank, Padarakulam, Irakkamamkulam. All these tanks were mainly fed by Senanayake RBMC. Although, Irakkamam tank has its own catchment and it can get water from both options such as, fed by RBMC and Catchment flow.

There is permanent sugarcane cultivation under this unit and these units are highly sensitive to droughts.

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 and Lower Kurunalkanji unit. There are 05 retention tanks such as, KalladikKulam, ThalayadikKulam, UppukKulam, SinnakKulam and PeriyakKulam under Lower Kurunalkanji unit.

Sammanthurai Division

Sammanthurai Divisional Irrigation Engineer's office covers 06 units under Senanayake Samudraya namely Block J, Paddampitty, Unit 26, Upper Weerayadi, Moravil I and Moravil II. In this division

Block J unit and Unit 26 are fed by LBMC of Senanayake samudraya and the other units are fed by Galoya River division. The total Irrigable area under this division is 9,821 ha.

Main water source for the main divisions such as Ampara, Akkaraipattu, Sammanthurai and Kalmunai is Senanayake Samudraya.

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

Unit	Irrigable Extent (ha)		
	Paddy	Sugarcane	Total
Ampara Division			
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
Total	16,572	1,926	18,498
Akkaraipattu Division			
Akkaraipattu	3,151	170	3,321
Illukucheanai	3,966	754	4,720
Deegavapi	2,595	1,293	3,888
Veerayadi	2,218	-	2,218
Total	11,930	2,217	14,147
Kalmunai Division			
Upper kurunal Kanji	2,048	-	2,048
Lower kurunal kanji	813	-	813
Sengapadai RB	1,443	-	1,443
Sengapadai LB	1,876	-	1,876
Total	6,180	-	6,180
Sammanthurai Division			
Moravil-I	1,252	237	1,489
Moravil -II	1,898	-	1,898
Pattampitty& Upper Veerayadi	2,607	-	2,607
Block "J"	3,077	-	3,077
Unit 26	750	-	750
Total	9,584	237	9,821
Grand Total	44,266	4,380	48,646

Mahaoya Division

There are two irrigation schemes maintained under Divisional Irrigation Engineer's office, Mahaoya namely, Rambukanoya and Tempitiya.

Pottuvil Division

There are seven irrigation schemes under Divisional Irrigation Engineer's office, Pottuvil. There are four tanks namely, Panama, Lahugala, RottaiKulam, and Radelle tank and there are three anicut schemes, namely, Naavalaru, Karandoya and Willoya schemes belong to this division.

11.1.3 The Details of the Irrigation Schemes under the Region

Following table describes the water usage, irrigable area and the cultivated extent in 2022 seasons and the capacity of the tanks under the schemes in the Ampara Region.

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

Division	Schemes	Capacity At FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the sluice (MCM)	
				Maha 2021/2022	Yala 2022	Maha 2021/2022	Yala 2022
	Senanayake Samudra	949.78	48,646	46,180	45,054	258.64	391.31
Ampara	Namaloya	52.73	1,497	1,497	1,497	18.40	23.26
	Ambalanoya	44.34	2,125	2,125	2,125	9.24	17.37
	Pallanoya	115.64	1,416	1,416	1,416	18.43	26.51
	Ekgaloya	28.99	1,012	1,012	1,012	11.37	11.56
	Pannalgama	34.04	1,862	1,862	1,862	12.39	15.20
	Kalugaloya	10.09	455	455	364	7.75	11.13
Potuvil	Radella	2.49	517	507	306	1.15	1.51
	Rottai	6.29	578	578	578	4.51	4.67
	Lahugala	3.29	355	360	364	1.01	1.51
	Panama	3.56	210	103	225	1.71	2.53
	Will oya	Anicut schemes	221	221	133	1.71	No cultivation for Yala, however farmers did the cultivation on their own risk
	Karandoya		1,643	1,643	712	4.51	
	Naval aru		1,692	1,692	912	4.51	
Mahaoya	Rambukanoya	56.12	909	909	909	17.18	24.67
	Tempitiya	2.43	170	121	170	0.66	1.65
Total			63,308	60,681	57,639		

11.1.4 Major Works done during the year

a. Galgekandiya tank project

Galgekandiya tank project area is located in the Gallodai River basin at Padiyatalawa DS division in Ampara District. This tank is a minor irrigation scheme sited across the Thalapita Oya in Padiyathalawa area.

About 800 m length of ancient tank bund seems to be breached and dilapidated. Hence, construction of Galgekandiya tank was initiated to store water in order to promote paddy and other field crop cultivation in this area and also to serve for the domestic needs of the people. It has been expected to

provide irrigation facilities to 1000 acres of irrigable land belonging to Thalapitta oya Right, Thalapitta oya left and Saranagama Gramasevaka Division.

Following Works were carried out in the year of 2022 and the project was halted due to the economic crisis.

1. Providing access road with necessary structures : Access road stage 01, earth works have been carried out.
2. Survey for tank bund : Initial work of survey was carried out
3. LB & RB Canal survey : Proposed LB & RB canal survey work was carried out



Figure 11-2: Galgekandiya tank access road

b. Essential Rehabilitation of Major Medium Irrigation Schemes (ERRMI)

Repair to DR 02 Morning Glory spill in pooling section in RB Main channel of SenanayakeSamudraya

DR 02 Morning Glory spill is located in a pooling section at stn 23+100 in RB Main channel of Senanayake Samudraya. This spill has leaked through the collar joints. Because of the leak the bund had been scoured. If the bund breached, about 29,000 Acs of paddy and sugar cultivation would be difficult to cultivate.

Table 11-4: Block vote allocation

Division	Scheme	Allocation Rs. ('000')	Expenditure Rs. ('000')	Physical Progress %
Ampara	Damana	5,321	3,033	100



Figure 11-3: Construction of Morning glory spillway

11.1.5 Divisional wise Allocation Distribution

Table 11-5: Divisional wise allocation distribution

Description / Vote No	Allocation (Rs.) '000					
	Ampara	Akkaraipattu	Kalmunai	Mahaoya	Pottuvil	Sammanthurai
Departmental Votes						
O & M Gravity Works 282-2-2-1-2001-11-2	22,240	8,658	5,214	3,121	5,212	6,915
Essential Rehabilitation of select Major Medium Irrigation Scheme 282-2-2-4-2001-11	3,033	835	2,044	-	11,975	2,280
Construction of Kalmunai DIE Office (Balance work) 282-2-2-0-2104-11-8	-	-	178	-	-	-
Embankment protection 282-2-2-5-2105-11-6	573	-	265	-	-	-
Flood Damage Repairs & Other Repairs due to Natural Disaster 282-2-2-0-2001-11-9	-	-	38	-	-	-
Mundeni Aru river basin development project 282-2-3-19-2105-17	-	-	-	4,762	-	-
Land & Legal Matters 282-2-2-0-2507-010-11-6		25	-	-	-	-
Management Supporting Facilities 282-2-2-0-2001-11-12		25	-	-	-	-
Establishment & Improvements of Unit Office 282-2-2-1-2001-11-1	-	-	-	-	24	-
Maintenance of Department circuit Bungalow 282-2-2-0-2001-11-15	132	-	-	-	-	-
O & M Gravity Irrigation Works (wages) 282-2-2-0-2001-11-2	25	-	-	-	-	-
FOD & Farm productivity & profitability 282-2-2-0-2001-11-8	25	-	-	-	-	-
Feasibility studies for major medium irrigation project & survey/soil/geo technical investigation 282-2-2-0-2507-8-1	5,185	-	-	-	-	-
Community Awareness 282-2-2-5-2105-5	385	-	-	-	-	-

Vote No and Description	Allocation (Rs.) '000					
	Ampara	Akkaraipattu	Kalmunai	Mahaoya	Pottuvil	Sammanthurai
Ministry Votes						
'Wari Saubhagya National programme' for rehabilitation of rural tanks & Anicut 198-2-15-004-2506-11	6,956	-	682	4,747	-	-
'Wari Saubhagya National programme' for rehabilitation of rural tanks & Anicut 198-2-3-52-2506-11	8,811	1,680	6,568	2,327	4,122	260
Wari Saubhagya National programme for rehabilitation of rural tanks & Anicut 429-2-3-002-2506-11	3,745	-	2,451	1,167	2,207	-
Wari Saubhagya National programme for rehabilitation of rural tanks & Anicut 429-2-3-004-2506-11	-	-	172	-	-	-
Wari Saubhagya National programme for rehabilitation of rural tanks & Anicut 429-2-3-004-2506-11	9,264	-	-	2,217	-	-
Wari Saubhagya National programme for rehabilitation of rural tanks & Anicut 429-2-3-004-2506-11	-	-	-	-	1,986	-
Clearing of drainage canal 198-2-3-52-2506-11	-	4,594	4,512	-	3,588	-
Clearing drainage canal system 198-2-3-8-2506-11	-	488	-	-	-	195
Gamasamaga pilisadara 198-2-3-52-2506-11	-	-	-	360	-	-
PEISEIP - 2017 198-2-3-52-2506-11	-	-	-	2,038	232	-
PEISEIP - 2017 198-2-3-21-2506-11	-	-	-	872	-	-

11.1.6 Projects Implemented under other source of funds

a. Wari Saubhagya - Rural tank Rehabilitation

This programme is expected to use the men and machinery already available with implementing organizations.

After selecting priority by District Coordination Committee and District Agriculture Committee, Technical staff of implementing agencies were completed investigation and estimation work, it is expected that renovation works can be completed in 2022.

Table 11-6: Progress of the programme

		Rs. ('000)
No. of Works Started	49	315,500.00
No. of works Completed	38	174,935.73
No. of Works Halted	08	24,183.24
No. of Works to be Revote + Liability	03	

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

Under this project headworks improvement works were selected in Senanayake Samudraya in Ampara division.

Name of Work : Improvements to Rip-Rap in Senanayake Samudraya Tank Bund

Scheme : Ampara

Note : All the Procurement works completed in 2022.

c. Climate Resilience Multi-phase Programmatic Approach Project (CResMPA)

This is a World Bank funded project proposed at the later part of 2022 and the following number of works were selected. Works under this project were categorized such as Mechanical components were carried out under Lot 01 and civil works were carried out under Lot 02.

Table 11-7: CResMPA Project details

Project	Approved Amount Rs. ('000)	No of works selected	Proposal submitted Amount / Rs. ('000)
Lot 01	50,000	06	55,000
Lot 02	480,000	78	573,580

Table 11-8: CResMPA project procurement plan – Lot 02

Division	No of Packages					Total	Total Value Rs. ('000)
	Community Procurement	Direct Contract	Shopping	National Competitive Bidding			
Ampara	11	5	8	3	27	236,380.00	
Akkaraipattu	0	1	10	0	11	113,100.00	
Sammanthurai	1	3	3	1	8	74,970.00	
Kalmunai	3	2	11	0	16	74,050.00	
Pottuvil	6	0	3	0	9	54,950.00	
Mahaoya	5	1	1	0	7	20,130.00	
Total	26	12	36	4	78	573,580.00	

26 numbers of estimates were submitted to head office and the project is under construction stage and no any allocation distributed in 2022.

11.1.7 'Wap Haula' Programme

Table 11-9: Wap Haula Programme

Nature of the Activity	Ampara	Akkaraipattu	Kalmunai	Sammanthurai	Pottuvil	Mahaoya
Number of Schemes	06	01	02	03	07	01
1.Cutivation meetings						
1.1 Pre cultivation meeting	12	02	04	06	14	02
1.2 Cultivation meeting	12	02	02	02	06	02
2. Organization Activities						
2.1 Conducting FO Election	10	-	-	-	15	01
2.2 Conducting FO Annual General meetings	12	01	06	03	15	01
2.3 Conducting PMC meetings	16	-	02	08	07	01
2.4 Preparation of FO Final Accounts	-	03	02	08	07	01
3. Capacity building						
3.1 Financial Management	08	-	-	-	-	-
3.2 Income Management etc.	04	-	-	-	-	-
4. Participatory Management						
4.1 Shramadana for clearing canal bunds	10	-	-	02	01	-
4.2 Maintenance of Farm Roads	04	-	-	-	01	04
4.3 Maintenance of drainage canals	08	03	-	-	01	05
5.Awareness programme						
5.1 Home gardening	07	-		04	01	-
5.2 OFC Cultivation	06	-	01	04	01	01
6.Other Activities						
6.1 Deva Puja, Pirith etc.	11	-	-	-	-	02
6.2 Surakimu ganga	-	-	-	-	-	-



Figure 11-4: Cultivation Meeting at Namaloya Scheme



Figure 11-5: Deva puja at River at Ampara Divisions



Figure 11-6: Maintenance of Drainage Canals of Kunchanodai Anicut



Figure 11-7: OFC Cultivation

11.1.8 Drinking water Extraction

Following water supply schemes are extracting water from the Irrigation schemes.

Table 11-10: Drinking water extraction

Water supply Scheme	Reservoir	Extract Amount	
		m ³ 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 as at 31.12.2022

Designation	Director of Irrigation Office		Divisional Irrigation Engineer's office											
			Ampara		Kalmunai		Sammanthura		Akkaraipattu		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	4	3	2	1	1	1	1	1	1	1	1	1	1	1
Earth Resources Engineer		1												
Drawing Officer Assistant	1	-												
Accountant	1	1												
Administrative Officer	1	1												
Development officer	2	3	10	8	4	8	2	7	4	3	3	2	2	1
Divisional Assistant			1	1	1	1	1	1	1	1	1	1	1	1
Engineer Assistant			20	15	9	6	9	7	10	6	9	7	6	4
Draughtsman	5	4	3	2	3	1	3	1	3	1	3	1	2	1
Management Service Officer	15	15	7	6	7	4	7	6	7	8	7	5	7	2
Store keeper	1	-	1	1	1	1	1	1	1	1	1	1	1	1
Technical Assistant			16	15	12	11	10	9	2	10	10	6	6	7
Driver	3	2	5		5	1	5		5		5	-	5	2
Operator	10			1										
Tractor Operator	10			2				5				2		1

Designation	Director of Irrigation Office		Divisional Irrigation Engineer's office											
			Ampara		Kalmunai		Sammanthura		Akkaraipattu		Pottuvil		Mahaoya	
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Labourer (maintenance)		3				4		9		9		9		3
Laborer (25-2014)	3	3	40	55	30	9	30	12	30	15	30	5	22	14
O & M Labourer		-						2		2		2		
Mason	2			2										
Carpenter	2			1								1		
Plan Printing /Helper	1	1												
Greaser	1													
Lorry Cleaner /Helper	8													
K.K.S.	4	1	2		2		2	1	2		2	2	2	1
Field Watcher	1		1	1	1		1		1		1		1	1
Store Aide (Stores Labourer)	1	1	1	1	1		1		1		1		1	
Irrigator						1		1						

11.2 Anuradhapura Region

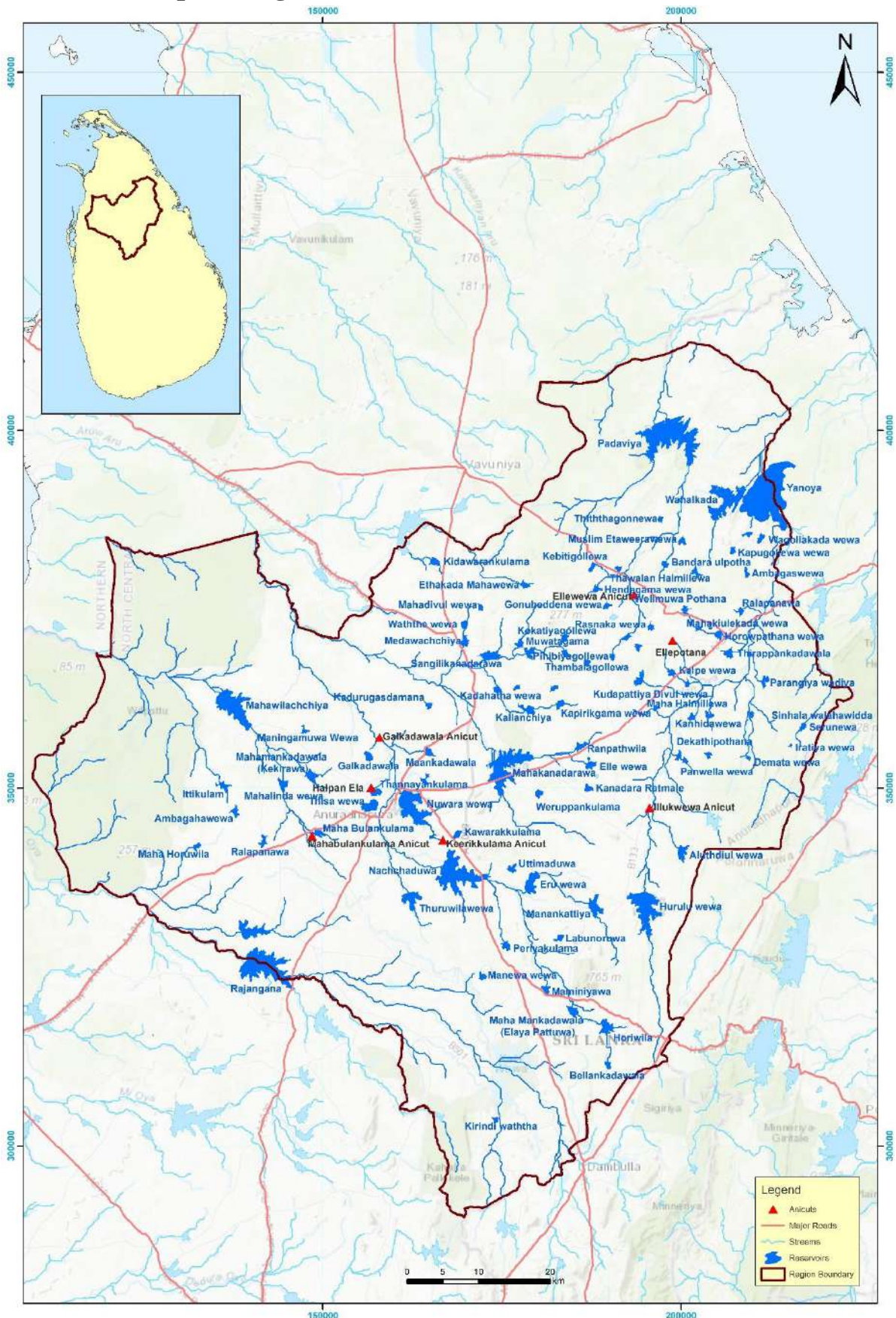


Figure 11-8: Scheme Map of Anuradhapura Region

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

11.2.3 The Details of the Irrigation Schemes under the Regions

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)	
				2021/22 Maha	2022 Yala	2021/22 Maha	2022 Yala
Anuradhapura	Thissawewa	4.32	365	361	361	3.77	3.97
	Nuwarawewa	44.5	1,053	1,053	1,053	12.17	16.53
	Mahawilachchiya	40.1	1,079	1079	1079	20.88	25.65
	Mahakanadarawa	44.7	2470	2470	2470	21.20	31.43
	Basawakkulama	2.1	156	156	156	2.73	3.60
	Keerikkulama	0.53	112	112	112		
	Kawarakkulama	1.1	88	88	88		
	Thannayankulama	0.62	83	83	83		
	Periyakulama	1.7	142	117	45		
	Mahalindawewa	1.6	184	184	-		
	Kendewa	0.86	95	95	26		
	Maningamuwa	1.1	85.5	85.5	75.33		
	Uttimaduwa	1.6	141.75	141.75	62.205		
	Thambalagollewa	0.57	85.05	85.5	78.97		
	Pihimbiyagollewa	1.2	112.59	66.825	66.825		
	Kapiriggama	2.2	145.8	145.8	58.725		
	Kadurugasdamana	0.86	87.48	87.48	87.48		
Mahabulankulama	Anicut	102.06	102.06	-			
Mahabulankulama Wewa	1.6	85.86	85.86	85.86			

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the Sluice (MCM)	
				2021/22 Maha	2022 Yala	2021/22 Maha	2022 Yala
Anuradhapura	Kokatiyagollewa	1.2	85.05	85.05	56.7		
	Maminiyawa	1.8	202.5	202.5	202.5		
	Kadahathawewa	1.5	170.1	162	162		
	Thalgahawewa	0.5	121.095	121.095	121.095		
	Mankadawala	1.4	105.3	105.3	105.3		
	Mahamankadawala (Ela)	2.5	253.125	253.125	253.125		
	Mahamankadawala (keki.)	1.7	1155.925	155.925	155.925		
	Weruppankulama	1.0	109.35	109.35	109.35		
	Labunoruwa	3.2	194.4	81	81		
	Kallanchiya	2.4	251.1	251.1	251.1		
	Eruwewa & Feeder Canal	4.7	92.34	92.34	92.34		
	Galkadawala Wewa	0.83	141.75	141.75	141.75		
	Karambewa Yoda ela			-	-		
	Halpanela	Anicut	259.2	259.2	259.2		
Huruluwewa	Huruluwewa	67.84	4,209	4210.52	4210.52	33.31	29.6
	Mannankattiya	6.02	425	425.10	425.10		
	Aluthdiulwewa	8.6	115	114.97	114.97		
	Kiulekada	10.4	325	325.10	101.21		
	Ranpathwila	2.6	108	108	108		
	Kanadara Rathmale	1.2	153	153	153		
	Mahahalmillewa	0.59	154	125.25	47.36		
	Ellewewa	3.0	103	161.94	103.23		
	Moragahadigiliya	Anicut	113	112.95	112.95		
	Rasnakawewa	0.38	91	91	27.12		
	Sinhala Walahawiddawewa	0.71	168	168	37.38		
	Welimuwapothana	1.2	113	112.95	112.95		
	Wagollakada	2.0	146	146.15	145.74		
	Wahagahapuwewa	0.55	81	80.97	71.65		
	Mahakiulekada	0.4	81	80.97	40		
	Maradanmaduwa	1.3	89	89.06	89.06		
	Thawalanhalmillewa	1.6	101	101.21	101.21		
	Kudapattiya Diulwewa	3.3	214	214.17	190.28		
	Pethiyannekada	0.83	88	87.85	87.85		
	Mahawewalkadawewa	1.6	101	101.21	24.29		
	Panwella	1.5	52	51.82	30.76		
	Kalpewewa	2.2	91	91	91		
Kapugollewa	1.5	121	121	121			
Pandarallewa	1.1	104	104	34.81			
Horiwila	4.71	287	287	287			
Bellankadawalawewa	0.65	85	85	85			
Parangiyawadiya	1.9	293	293.11	293.11			

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the Sluice (MCM)	
				2021/22 Maha	2022 Yala	2021/22Maha	2022 Yala
Huruluwewa	Serunewa Mahawewa	2.16	17	17	17		
	Muslim	0.4	89	16.19	16.19		
	Kanhindawewa	0.46	194	40.48	40.48		
	Tirappankadawala	1.5	89	89	89		
	Wadigawewa	0.5	142	101.21	101.21		
	Dematawewa	0.4	45	26.31	26.31		
	Dekathipotha	1.1	146	33.19	33.19		
	Horowpothana	0.76	194	70.85	70.85		
	Ambagaswewa	0.6	89	89	89		
	Ralapanawa	0.72	175	80.97	80.97		
Padaviya	Padaviya	104.84	3,521	3521	3521	21.2	68.1
	Wahalkada wewa	53.04	809	850	850	7.42	17.19
	Yan Oya	169	4,501	2832.8	2832.8	43.20	60.50
	Muwaetagama	1.0	104	105	105	1.26	1.595
	Kidwarankulama	1.4	151	121.4	151.7	1.45	2.39
	Sangilikanadarawa	3.9	340	262.6	74.86	3.15	1.13
	Gonuhathdena wewa	1.0	103	102	69	1.088	1.054
	Mahadiulwewa	0.74	113	112	40.46	11.334	0.61
	Kirigollewa	0.68	108	119	24.28	1.43	0.36
	Ellewewa Anicut	Anicut	162	29	81	1.535	1.234
	Bandaraulpotha	1.2	162	167	49	0.782	0.747
	Handegama	1.0	136	148	49	1.579	1.783
	Waththewewa	0.76	84	87	51	0.928	0.775
	Aiyathigewewa	0.56	92	162	53	0.728	0.808
	Ethakada Wewa	2.5	105	91.05	40.46	1.09	0.61
	Medawachchiya	1.5	81	42.43	36.4	0.86	0.55
	Kebithigollewa	1.2	101	109	61	1.163	0.930
	Marakkala Etaweera	0.79	87	192	69	1.075	1.055
Thittagonewa	1.9	81	121	61	1.291	0.930	
Rajangana	Rajangana	100.65	6400	6400	6400	104.03	98.87
	Abagahawewa	0.37	91	91	91		
	Kiridiwatta	0.57	219	120	120		
	Ralapanawa	0.56	89	89	48		
	Manewa	1.4	91	91	44		
	Maha Horuwila	0.56	92	92	80		
	Ittikulama	0.52	97	97	89		
Nachchaduwa	Nachchaduwa	55.69	2,833	2835	1282	50.2	32.05
	Thuruwila & Nachchaduwa F'canal	10.1	551	550	377	-	-

11.2.4 Major Works done during the year

a. Yan Oya Reservoir Project

The project is located in the Anuradhapura and Trincomalee districts, about 300 km from Colombo. The irrigation water resource for this project comes from Yan Oya River starting from Sigiriya traveling 90 Km through Hurulu wewa and Allupathana anicut to YORP Main Dam and finally drop into Sea after traveling 48 km from YORP with a 1,500km² catchment area. The project area belongs to the tropical marine climate zone with a distinct rainy season and dry season.

Project Approved Revised Estimate Rs.48,455.3Mn

Total Expenditure up to 31/12/2022 Rs.36,889.35 Mn



Figure 11-9: RBMC & Malporuwa Resettlement



Figure 11-10: Main Dam



Figure 11-11: Issanwewa new Paddy land 2022/2023 Maha



Figure 11-12: Omarakada new paddy land 2022/2023 Maha



Figure 11-13: Issanwewa Spillway



Figure 11-14: Issanwewa D Canal lining

11.2.5 Divisional Wise Allocation Distribution

Table 11-13: Divisional wise allocation distribution

Description / Vote No.	Allocation (Rs.) '000					
	DI Office	Anuradhapura	Padaviya	Huruluwewa	Rajanganaya	Nachchaduwa
Departmental Votes						
Improvements to Vehicles 282-1-1-0-2003		-	-		53	-
Conducting Efficiency Bar Exams and other Programmes related to SOR of Relevant service 282-1-1-0-2401-11-3	112	-	-	-	-	-
Maintenance & Improvement to Building 282-2-2-0-2001-1		-	-	-	545	-
O & M of Gravity Irrigation Works 282-2-2-0-2001-2	33	45	-	47	-	-
Lift & Micro Irrigation Project 282-2-2-0-2001-3		-	-	-	135	-
Maintenance of Departmental Roads 282-2-2-0-2001-5		228	-	-	-	-
Farmer Organization Development and Farm Productivity & Profitability 282-2-2-0-2001-8		1	-	-	58	-
Flood Damage Repairs 282-2-2-0-2001-9		480	378	-	-	-
Improvements to Head Works of Tanks for Additional Safety 282-2-2-0-2001-10		1,195	-	-	-	-
Management Support Facilities 282-2-2-0-2001-12	30	-	-	-	15	-
Protection of upper catchment & watershed 282-2-2-0-2001-14		-	198	-	-	-
Maintenance of Department circuits bungalows 282-2-2-0-2001-15		188	204	18	71	92
Improvements to Mechanical Workshop 282-2-2-0-2001-17	31	-	-	-	-	-

Repairs to plant Machinery Equipment 282-2-2-0-2002-1	8,327	-	-	-	-	-
Maintenance and Improvements to model farm Technical Investigation 282-2-2-0-2001-20		-	-	-	49	-
Repairs to Vehicle 282-2-2-0-2003	2,491	-	-	-	-	-
Feasibility Studies for Major, Medium Irrigation Projects and Surveys/Soil/GeoTechnical Investigation 282-2-2-0-2507-8-1		-	-	100	-	-
Surveying & Investigation of Existing Schemes 282-2-2-1-2507-8-3		557	-	151	-	40
Calibration and Water management Studies 282-2-2-0-2507-9-5		-	-	299	-	-
Land and Legal Matters 282-2-2-0-2507-10-6		-	-	-	-	-
Establishment & Improvement of Unit Office 282-2-2-1-2001-1		-	356	-	-	-
O & M Gravity Irrigation Works 282-2-2-1-2001-2	62	12,869	8,661	10,345	7,259	3,436
Improvements to Water Management and conveyance efficiency 282-2-2-1-2001-3		-	1,235	1,655	84	742
Essential Rehabilitation of Major Medium Irrigation Scheme (ERMMIS) 282-2-2-4-2001	2,135	37,482	104	11,788	7,118	1,763
Establishing River Profile in Major Rivers 282-2-2-5-2105-2		-	920	-	-	-
Community Awareness 282-2-2-5-2105-5		65	-	-	-	-
Embankment Protection 282-2-2-5-2105-6		2,357	-	-	-	-
Establishment of new Hydrological Gauging station in Major Rivers 282-2-2-5-2105-3		-	-	-	25	-
River Basin Management 282-2-2-5-2105-9		425	-	-	3,656	73

Yan Oya Reservoir Project 282-2-3-5-2105	5,194	-	27,915	-	-	-
Kudavilachchiya Project 282-2-3-30-2506	4,770	4,269	-	-	-	-
Ministry & Other Votes						
Rehabilitation of Major, Medium Irrigation Schemes including emergency infrastructure rehabilitation works-Infrastructure 198-2-3-52-2506	191	-	294	1,273	98	57
Rehabilitation of Major, Medium Irrigation Schemes including emergency infrastructure rehabilitation works-Infrastructure 198-2-3-8-2506		-	16,460	982	1,829	-
"Wari Saubhagya" National Programme for Rehabilitation of Rural Tanks and Anicuts 198-2-3-52-2506		20,736	4,420	7,303	1,691	-
."Wari Saubhagya" National Programme for Rehabilitation of Rural Tanks and Anicuts 198-2-15-4-2506	5	86,318	11,335	23,601	443	-
"Wari Saubhagya" National Programme for Rehabilitation of Rural Tanks and Anicuts 198-2-15-2-2506		-	1,432	100	2,630	118
Gama samaga Pilisadara 198-2-3-52-2506		-	23,638	-	-	-
PEISEIP 198-2-3-52-2506		16,314	1,723	4,269	-	-
The Pilot Land consolidations study project 198-2-3-52-2506		-	-	-	-	12,035
PEISEIP (IIRC) 198-2-3-21-2506		121	-	5,400	-	-
Land consolidations pilot project 198-2-3-49-2506		-	-	-	-	42,645
Repairs to building (IMD) 198-2-3-0-2001		-	-	-	-	63
Healthy Landscape Project 160-2-3-138-2509-13		-	-	16,500	-	-
Water for all Programme 166-2-5-97-2201		111,094	-	-	6,184	-
"Wari Saubhagya" National Programme for Rehabilitation of Rural Tanks and Anicuts 429-2-3-4-2506		70,903	9,019	21,496	443	-
"Wari Saubhagya" National Programme for Rehabilitation of Rural Tanks and Anicuts 429-2-3-2-2506		-	1,432	-	2,630	118

11.2.6 Projects implemented under the other source of funds

a. Mahakanadarawa IFF

NWS&DB has made arrangement for the provision of funds amounting to 381Mn from the GOSL fund to the ID. Under this, it is about to finish the construction works of Feeder Canal which was proposed for water conveying to Mahakanadarawa through Eruwewa and construction works of canal lining of Distributary canals in LBMC & RBMC are in progress. This is as a solution to the water scarcity problem of existing Mahakanadarawewa project and to take the short term demand of domestic water for Anuradhapura North Water Supply Project of NWS&DB.

Table 11-14: Expenditure

No	Division	Total Expenditure in 2022 (Rs.)	Liabilities (Rs.)
1	Anuradhapura	78,467,368.19	7,917,561.05
2	Rajanganaya	6,184,204.00	
	Total	84,651,572.19	7,917,561.05



Figure 11-15: construction work of feeder canal

b. Gamasamaga Pilisandararak

Padaviya and Wahalkada irrigation schemes are located in Padaviya division. The schemes had not undergone adequate rehabilitation and modernizations during past years.

Therefore, the whole irrigation system is under deteriorated condition includes canal systems, operation systems, agriculture road network etc.

During the programme of “Gamasamaga Pilisandararak” held at Kebithigollewa in Anuradhapura district, this issue was raised. According to the instructions received from there, this program was initiated in 2021 and a total of 12% of the overall plan which has scheduled to be accomplished within 3 years had been achieved up to now.



Figure 11-16: Rehabilitation works of Padaviya and Wahalkada Irrigation Schemes

c. Healthy Landscape Project

Table 11-15: Breakdown of the approved estimate

S.I. No	Description	Amount (Rs.)	Planned & Actual Progress (%)			
			31-Oct	15-Nov	30-Nov	15-Dec
Tank and Dam Embankment Works – Bellankadawala Scheme						
A	Improvements to tank bund	1,069,033	0.0	1.2	1.2	1.2
	Actual			0.0		3.5
B	Improvements to the LBMC	15,933,006	14.0	16.3	16.7	2.6
	Actual			31.7		20.4
C	Improvements to the RBMC	6,481,230	0.0	4.8	7.1	7.1
	Actual			6.1		15.3
25.1	Engineering Administration 6%	1,407,212	0.8	0.8	0.8	0.8
	Actual			0.0		2.4
25.2 to 4	Other	5,159,724	0.0	5.7	0.0	5.7
	Actual			0.0		2.6
25.5	Quality control 1%	234,535	0.0	0.3	0.0	0.3
	Actual			0.0		0.0
	Total	30,255,000				

Table 11-16: Progress at 31.12.2022

Estimate Amount (Rs.)	Expenditure (Rs.)	Liability (Rs.)	Physical Progress
30,255,000.00	16,500,000.00	12,330,479.50	95



Figure 11-17: Works done under Healthy Landscape Project

d. Land Consolidation

Table 11-17: Expenditure during year 2022

No	Description/Estimate	Approved Estimate Amount (Rs.)	Vote	Received Allocation in 2022 (Rs.)	Total Expenditure in 2022 (Rs.)
1	Development of FC 8 & FC 9 in Nachchaduwa Irrigation scheme under land consolidation pilot project, changing the road number	2,900,000	Fund provided by JIID	2,900,000	2,900,000
			Total	2,900,000	2,900,000
2	Provide for all labour materials & transport necessary for development of FC 8 & FC 9 under changing road no. 03 in Nachchaduwa Irrigation Scheme under the farmLand Consolidation Study Project. (Land Improvement)	19,719,000	Fund provided by JIID	1,700,000	1,700,000
			198-2-3-49-2506 (11)	6,640,610	5,799,024
			198-2-3-52-2506 (11)	11,587,030	11,587,030
			Total	19,927,640	19,086,054
3	Development of FC 9 & FC 8 in Nachchaduwa Irrigation Scheme under the Farmland Consolidation Study Pilot Project (canal and other Infrastructure Development)	96,734,000	198-2-3-52-2506(11)	457,369	457,369
			198-2-3-49-2506(11)	37,209,409	23,630,959
			Total	37,666,778	24,088,328

e. CRIWMP - Wewgam Pubuduwa Project

This project mainly focuses on upgrading the village irrigation systems with a cascade based approach and is funded by Green Climate Fund. Nine (9) minor tanks located in the Medawachchiya Divisional Secretariat area in three cascades which are Diwulwewa, Veehen-Karabawewa and Aluth Halmillewa is rehabilitated.

Table 11-18: Progress of the work

Division	Name of the cascade	Tank Name	Surveying Estimate Amount	Imprest received for surveying estimate amount	Recast Estimate Amount	Advanced Payment Received	Physical Progress
Anuradhapura	Diwul wewa	Yoda wewa	47,200	47,200	38,389,000	7,601,400	80%
		Gal wewa	29,400	29,400	28,197,000	5,839,400	85%
		Helamba wewa	41,500	41,500	-	-	-
		Bulu wewa	28,300	28,300	-	-	-
Huruluwewa	Veehen-Karabawewa	Palukola wewa	138,700	138,700	-	-	-
		Karamba wewa	87,900	87,900	25,156,000	-	-
		Divulgaha wewa	142,000	142,000	23,944,000	4,883,600	80%
Padaviya	Aluth Halmillewa	Palugollawa wewa	74,000	74,000	20,282,000	3,994,200	85%
		Puhudivula wewa	128,000	128,000	35,374,000	-	15%
Total			717,000	717,000		22,318,600	



Figure 11-18: Rehabilitation of Palugollewa Tank



Figure 11-19: Rehabilitation of Diulgahawewa Tank

f. Agricultural Modernization Project (Banana cluster)

It is an Agricultural Modernization Project under the Ministry of Agriculture. Irrigation Department, Anuradhapura plays the consultant role in this project. 20% of the total work has been completed up to now.

Scope - Farmers attached to the Banana cluster transport their harvest using the gravel paved roads in the area. All of these roads are maintained by the Department of Irrigation and it is important to repair the gravel roads to transport some of their harvest safely and efficiently.



Figure 11-20: Gravel roads repaired under Agricultural Modernization Project (Banana cluster)

g. Wari Saubhagya - Rural tank Rehabilitation

Selected 53 minor tanks were rehabilitated under the project and around 415 Mn was spent for the work by Irrigation Department - Anuradhapura region in 2021. 160 million has been spent to pay the liability for the entire remaining work in the year 2022.

11.2.7 “Wap Haula” Program

Table 11-19: “Wap Haula” Program

Nature of the Activity	Division				
	Anuradhapura	Huruluwewa	Padaviya	Nachchaduwa	Rajanganaya
Number of Schemes	25	36	16	02	06
1.Cultivation Meetings					
1.1 Pre Cultivation meeting	50	72	32	02	10
1.2 Cultivation Meeting	50	72	32	02	12
2.Organizational Activities					
2.1 Conducting FO Election	25	-	01	-	-
2.2 Conducting FO Annual General meetings	25	19	07	01	01
2.3 Conducting PMC meetings	60	72	18	05	04
2.4 Preparation of FO Final Accounts	25	-	-	-	01
3. Capacity building					
3.1 Financial Management	-	-	-	-	-
3.2 Income Management etc.	-	-	-	-	-
4. Participatory Management					
4.1 Shramadana for clearing canal bunds	50	6	2	-	08
4.2 Maintenance of Farm Roads	03	-	1	-	02
4.3 Maintenance of Drainage canals	03	-	5	-	01
5. Awareness programme					
5.1 Home gardening	-	-	01	-	01
5.2 OFC Cultivation	-	2	-	-	01
6 . Other Activities					
6.1 Deva Puja, Pirith etc..	-	3	11	-	03
6.2. Compost Production (M.Ton)	-	-	2.00	-	-

11.2.8 Drinking water Extraction

Table 11-20: Drinking water extraction

Water Supply Scheme	Reservoir	Extracted Amount	
		m ³ 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	9,000	3.285
Angamuwa (TGDWSP) (NWS&DB)	Angamuwa	Proposed	
Eruwewa (RID Project)	Eruwewa	Proposed (500 m ³ per Day) temporarily suspended	
Jayanthiwewa (Padaviya)	Jayanthiwewa	Proposed	

11.2.9 Social Activities



Figure 11-21: Annual Pirith



Figure 11-22: Dansala

11.2.9 Staff Position

Table 11-21: 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	-	-	1	1	1	1	1	1	1	1	1	1
Irrigation Engineer	5	4	-	-	-	-	-	-	-	-	-	-
Accountant	1	1	-	-	-	-	-	-	-	-	-	-
Administrative Officer	1	-	-	-	-	-	-	-	-	-	-	-
Draughtsman Office Assistant	1	-	-	-	-	-	-	-	-	-	-	-
Divisional Assistant	-	-	1	1	1	1	1	1	1	1	1	1
Institutional Development officer	1	1	-	-	-	-	-	-	-	-	-	-
Engineering Assistant	-	-	14	21	10	12	10	10	8	9	6	8

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
Development Officer	1	2	6	4	6	4	6	6	2	2	5	3
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	4
Technical Assistant	-	-	17	12	10	6	12	6	9	7	6	2
Plan Printer	1	1	-	-	-	-	-	-	-	-	-	-
Store Keeper	-	-	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

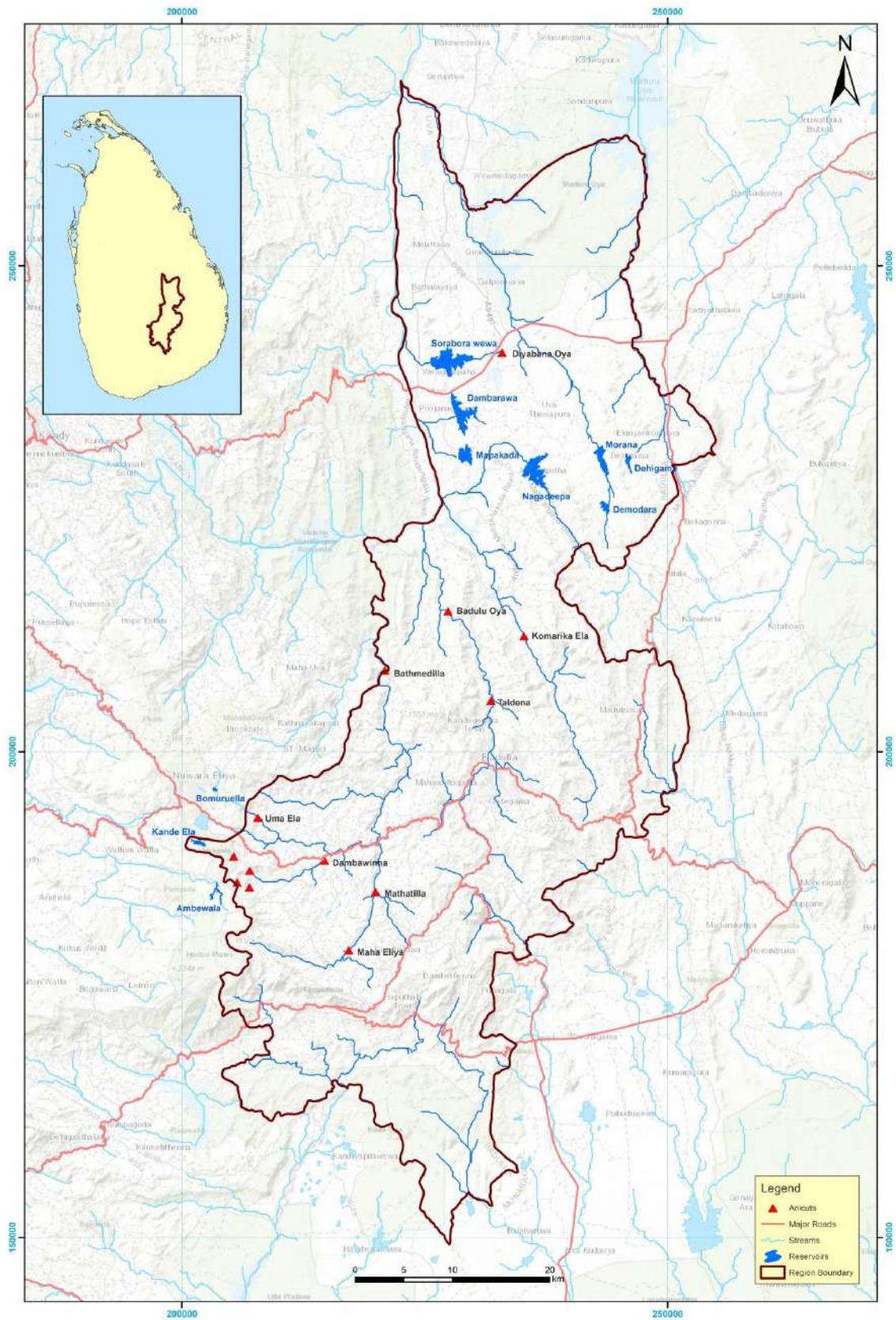


Figure 11-23: Scheme Map of Badulla Region

11.3.1 Introduction

Director of Irrigation, Badulla consists of three Divisional Irrigation Engineer's Offices, namely Badulla, Kandaketiya & Mapakadawewa.

There are 17 irrigation schemes maintained by the Irrigation Department, out of which 9 reservoir schemes and 8 Anicut schemes. All schemes fall into Mahaweli river basin. Largest reservoir maintained by the department is Nagadeepa reservoir, which has a capacity of 23,833 ac.ft.

Total Surface Water Storage in the region is 86 MCM and Command area under 17 irrigation Schemes is 9,284.0 Ha.

11.3.2 Divisions come under the Region

There are three Divisions that come under Badulla region 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 Region

Table 11-22: Details of the Irrigation Schemes under the region

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha.)	Cultivated Extent (Ha)	
				Maha	Yala
Badulla	Ambewela	2.42	407	407	244
	Kande ela	2.17	932	932	932
	Bomuru ella/ Uma ela	1.35	812	812	812
	Mathatilla	N/A	202	202	202
	Thaldena	N/A	142	142	142
	Mahaeliya	N/A	220	220	220
	Dambawinna	N/A	101	101	101
Kandaketiya	Badulu oya	N/A	718	718	718
	Bathmedilla	N/A	567	567	386
	Komarika ela	N/A	850	850	774
Mapakada	Mapakadawewa	9.5	608	608	608
	Dambarawa	15.92	608	608	608
	Sorabora	20.72	810	810	810
	Nagadeepa	29.39	1700	1700	255
	Dehigama	2.20	101	101	Not Cultivate
	Demodara	2.28	182	182	117
	Diyabana oya	N/A	324	324	324

11.3.4 Major Works done during the year

a. Wilakandiya Reservoir Project

Wilakandiya was an abandoned tank in “Ebbera” 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 2016.

Allocation of Rs. 40 million was received for the year 2022 and 94% of the work has been completed.



Figure 11-24: construction of D canal trough extension of Wilakandiya project

b. Works carried out under Block Votes



Figure 11-25: Construction of 40m long canal lining at RBMC FC 07 in Mapakadawewa scheme



Figure 11-26: Construction of canal lining at 0+970 of main canal in Maha Eliya scheme

11.3.5 Divisional wise Allocation Distribution

Table 11-23: Divisional wise allocation distribution

Vote No. & Description	Allocation (Rs) '000			
	Badulla	Mapakada	Kandaketiya	DI's Office
Departmental Votes				
282-2-2-0-2001(11) -1 Maintenance and Improvements to Building	24			741
282-02-2-0-2001(11)-2 O&M Gravity Irrigation Works (Wages)	32			
282-2-2-0-2001-5 Maintenance of Department Roads	990			
282-02-2-0-2001-(11)-07 Electrical & Electromechanical Installation		321		
282-02-2-0-2001(11)-10 Flood Damage Repairs	1,512	215	432	
282-02-02-0-2001-(11)-11 Improvement to head works of tanks for additional safety	423			
282-2-2-0-2001-18 Maintenance of Department Circuits	351			55
282-2-2-1-2001(11)-1 Establishment and improvement of unit Office		275		
282-2-2-0-2001(11)-8 Farmer organization Development & Farm Productivity	17	15	10	
282-02-2-4-2001(11)-2 Essential Improvements & Rehabilitation of Major & Medium Irrigation Schemes (ICIM Area)	4,291	15,780	10,730	
282 - 02 - 02-01 – 2001(11) – 2 Gravity Irrigation Works	6,592	12,318	3,572	1,022
282-02-04-44-2105 (11) Wilakandiya Reservoir Project		39,999		

282-02-2-0-2001(11)-16 Improvements to Spill Tail canal and Drainage System		156		
282-2-2-0-2507-(11)008-5 Land Use Studies		590		
282-2-2-0-2507(11)-10-6 Land and Legal Matters	32			
282-2-2-5-2105(11)-08 Clean River Programme	4,458			
282-2-2-5-2105(11)-6 Embankment Protection	268			
282-2-2-1-2001-11-3 Water Management		2,987		
282-02-03-13-2105(11) Morana Reservoir Project		9,048		
Ministry Votes				
198-02-03-52-2506(11) Infrastructure Development	1,529	25		
198-02-03-8-2506(11) Dimbulatta	3,121			
198-2-03-21-2506 Productivity Enhancement & Irrigation System Efficiency (IIRC)	525	1,476		
198-0-03-52-2506 Productivity Enhancement & Irrigation System Efficiency (IIRC)	258			
198-02-15-02-2506 Wari Saubhagya National Programme for Rehabilitation of Rural Tanks and Anicuts	8,599		3,624	
198-02-15-004-2506(11) Wari Saubhagya National Programme for Rehabilitation of Rural Tanks and Anicuts	9,025	173	1,038	
198-02-15-004-2506(11) Wari Saubhagya National Programme for Rehabilitation of Rural Tanks and Anicuts	6,759	177		
198-02-15-002-2506(11) Wari Saubhagya National Programme for Rehabilitation of Rural Tanks and Anicuts	640			

11.3.6 Projects implemented under other source of funds

a. Integrated Watershed and Water Resources Management Project (IWRMP)

Table 11-24: IWRMP Progress

Division	Work Description	Physical Progress
Mapakada	Improvements to Arawaththa Tank Bund in Nagadeepa Scheme	22%

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

Table 11-25: Overall Progress of wari saubhagya

Name	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress
Wari Saubhagya National Programme for Rehabilitation of Rural Tanks and Anicuts	30,170,000	30,169,000	100%

c. Works carried out under Wari Saubhagya National Programme for Rehabilitation of Rural Tanks and Anicuts



Figure 11-27: Iththanilla kandura anicut and canal lining



Figure 11-28: Panangala main canal

11.3.7 “Wap Haula” Program

Table 11-26 : “Wap Haula” Program

Division	Badulla	Mapakada	Kandaketiya
Nature of the Activity			
Number of schemes	7	3	1
1. Cultivation Meetings			
1.1 Pre cultivation meeting	14	6	2
1.2 Cultivation Meeting	14	6	2
2. Organizational Activities			
2.1 Conducting FO Election	22	4	8
2.2 Conducting FO Annual General meetings	10	5	16
2.3 Conducting PMC meetings	38	1	5



Figure 11-29: PMC meeting Ambewela scheme- Badulla Division

11.3.8 Drinking water Extraction

Table 11-27: Drinking water extraction

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

11.3.9 Social Activities

a. Awareness Program for School Children

Awareness program about Sorabora Tank for school children was held on November 9th 2022 at Soraborawewa unit office



Figure 11-30: Awareness program for school children

11.3.10 Staff Position

Table 11-28: Staff position of the region

Designation	Director of irrigation Office		Divisional Irrigation Engineer's Office					
	Approved	Actual	Badulla		Kandaketiya		Mapakada	
			Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1	-	-	-	-	-	-
Chief Engineer	1	1	-	-	-	-	-	-
Irrigation Engineer (Civil)	3	2	1	1	1	1	1	1
Earth Resources Engineer		1	-	-	-	-	-	-
Accountant	1	1	-	-	-	-	-	-
Administrative Officer	1	1	-	-	-	-	-	-
Drawing Office Assistant	1		-	-	-	-	-	-
Divisional Assistant	-	-	1	1	1	1	1	1
Engineering Assistant	-	-	8	6	9	3	9	7
Draughtsman	5	2	3	1	3		3	2
Institutional Development Officer	1	-	-	-	-	-	-	-
Development Officer	2	5	7	7	3	2	5	3
Senior Work Supervisor	1	-	-	-	-	-	-	-
Public Management Assistant	15	20	5	7	5	3	5	4
Store Keeper	-	-	1		1	1	1	
English Typist	-	1	-	-	-	-	-	-
Technical Aide (Civil)	-	-	6	10	6	6	6	8
Drivers	3	3	3	5	3	4	3	6
Operator	*12	-	-	4	-	1	-	2
Tractor Operator	*7	1	-	3	-	-	-	10
Greaser	*3	-	-	2	-	-	-	1
Plan Printer/ Helper	*1	1	-	-	-	-	-	-
Circuit Bungalow Keeper	*1	1	-	1	-	-	-	-
Carpenter	*1	2	-	1	-	-	-	-
Meson	*1	1	-	-	-	-	-	-
Store Aide	-	2	1	3	1	1	1	1
Cleaner/ Helper	*2	1	-	-	-	-	-	1
Electrician	-	1	-	-	-	-	-	-
KKS	2	4	1	1	1	1	1	2
Field Watcher	1	1	1	3	1	2	1	-
Laborer	-	10	-	28	-	17	-	23
Maintenance & Operating Laborer	-	2	12	5	9	7	9	9
Laboratory Laborer	-	-	-	1	-	-	-	-
Laboratory Attendant	-	1	-	-	-	-	-	-

“*” Marked numbers indicate the total approved cadre for the region

11.4 Batticaloa Region

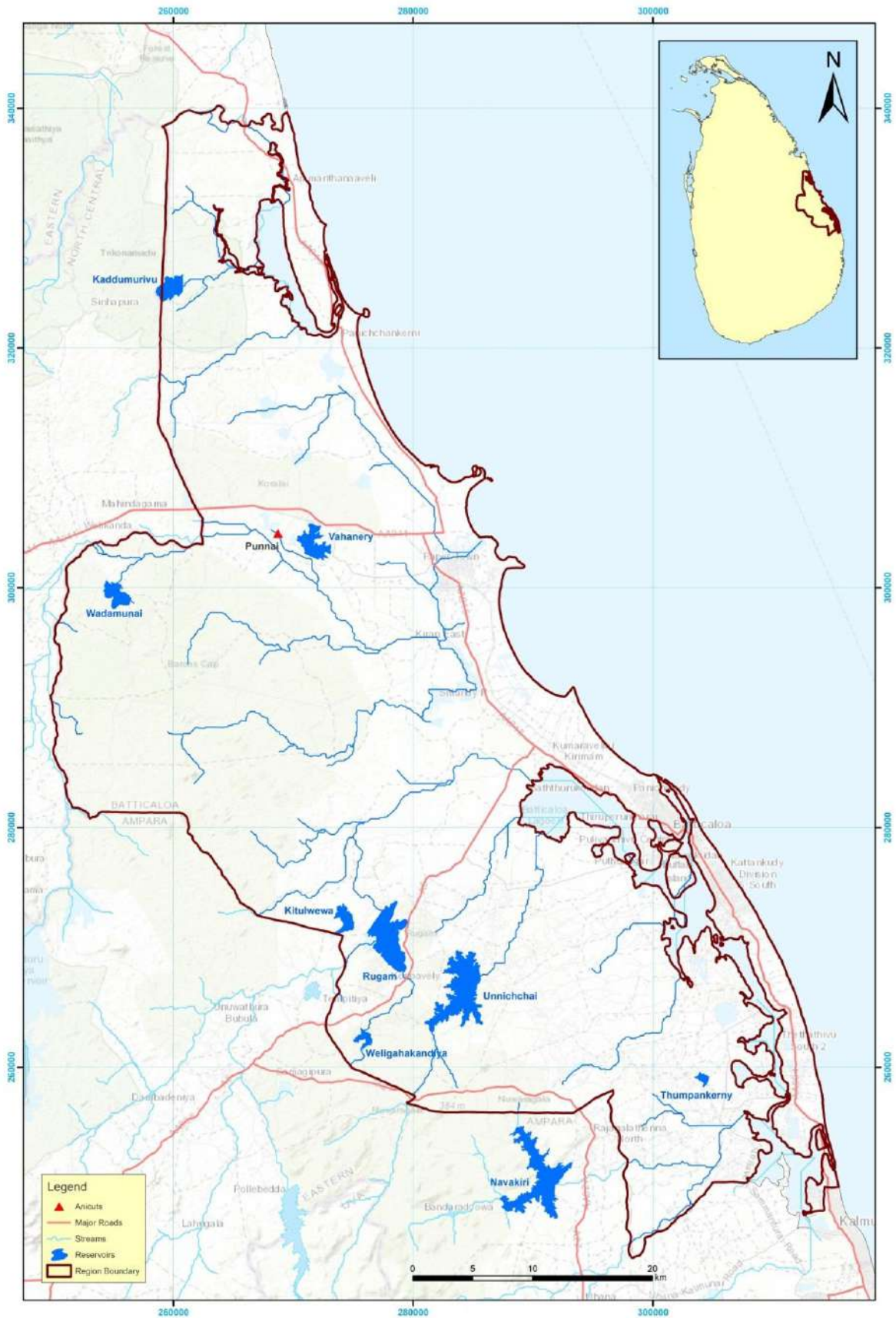


Figure 11-31: Scheme Map of Batticaloa Region

11.4.1 Introduction

Office of the Director of Irrigation, Batticaloa is responsible for maintaining six major and four medium schemes including an anicut scheme. There are two divisions functioning under Batticaloa region namely Rugam division and Navakiri division.

11.4.2 Divisions come under the Region

Rugam Division

Office of the Divisional Irrigation Engineer, Rugam Division is responsible for Maintaining Six major schemes including an anicut scheme and two medium schemes. Unnichai Scheme, Rugam Scheme, Vahanery Scheme, Kaddumurivu Scheme, Kithulwewa Scheme & Punanai anicut scheme are six major schemes under Rugam division. Wadamunai Scheme and Welihagakandiya Scheme are falling under medium schemes.

Navakiri Division

Office of the Divisional Irrigation Engineer, 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 The Details of the Irrigation Schemes under the Region

Table 11-29: 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 21/22	Yala 22	Maha 21/22	Yala 22
Unnichchai	67.84	6228	6,271	4,807	9.0	54.2
Rugam	22.93	3947	3,116	3,234	1.9	15.9
Vahanery	16.65	3983	3,975	3,636	6.3	22.2
Kaddumurivu	5.80	445	425	361	0.1	5.4
Wadamunai	5.55	214	89	61	0.2	1.1
Kithulwewa	5.18	405	487	202	-	1.8
Welihagakandiya	1.83	186	200	186	0.1	2.5
Punnai Anicut	-	1204	1,157	1,042	2.7	3.2
Navakiri	65.41	7446	7,446	6,497	39.9	50.3
Thumpankerny	1.47	271	271	109	0.2	0.4

11.4.4 Major Works done during the year

a. Construction of Jeyapalan Anicut in Unnichchai scheme in Rugam Division, Batticaloa

Jeyapalan Anicut was constructed across the Karaveddy River in Manmunai west DS division. Work is completed under Essential Rehabilitation of Major Medium Irrigation Schemes vote in Rugam division. Earlier, there was a sand dam & farmers faced difficulties in the sudden floods. Estimated Cost the work was 38.00 Mn and the construction work was started on 28th February 2022 & completed on 4th November 2022. 80 No's of farmer families benefited by this Anicut.



Figure 11-32: Construction of Jeyapalan Anicut

b. Construction of Bridge at stn 0+450 in Mathurayadi channel in Vahanery scheme in Rugam Division, Batticaloa

The bridge was constructed across the maruthaiyadi channel in Koralaipattu south DS division in Batticaloa district. Transportation is very much difficult to the other side due to the spread of flood water. Therefore, 508 farmer families of that area faced difficulties in their routine daily life. The work is completed under Essential Rehabilitation of Major Medium Irrigation Schemes vote and the Estimated Cost was 4.740 Mn



Figure 11-33: Construction of Bridge across the Maruthaiyadi channel

c. Widening & straightening of Karavetti River (Mullamunai River) from 7+500 to 11+450 in Unnichchai scheme

This is requested by farmers and proposed under Clearing of Drainage Canals vote in Rugam division and estimated Cost was 17.810 Mn. The location is situated in Manmunai west DS division, and work was started on 26th May 2022 and 98% work is completed and balance work is continuing as a revote in 2023. 90 farmer families are benefited by this work.



Figure 11-34: Widening & straightening of Karavetti river

d. Widening and straightening in Mavalai River from stn.0 + 000 to 5+425 in Unnichchai scheme

This work was proposed under Clearing of Drainage Canals vote in Rugam division and estimated cost was 33.520 Mn. The location is situated in Manmunai west DS division, Batticaloa district. The work was started on 29th August 2022 and 60% work is completed and balance work is continuing as a revote in 2023. Additional 120 acres of agricultural land is irrigated & 503 farmer families benefited by this work.



Figure 11-35: Widening and straightening in Mavalai River

f. Reconstruction of D/S spillway (LB) in Unnichchai tank in Unnichchai scheme in Rugam Division

Unnichchai tank spillway is located in Manmunai west DS division, Batticaloa district. Heavily damaged spillway structure causes difficulties to irrigate through LB main channel. It affects a huge number of farmer families in the Unnichchai scheme. The work is proposed under RMMIS vote and 946 Nos of farmer families benefited due to this.



Figure 11-36: Reconstruction of D/S spillway (LB) in Unnichchai tank

11.4.5 Divisional wise Allocation Distribution

Table 11-30: Divisional wise allocation distribution

Description / Vote No	Allocation (Rs. '000)		
	DI Office	Rugam	Navakiri
Departmental votes			
O & M Gravity Irrigation Works 282-02-2-1-2001- 2 (11)	936	18,989	12,542
Maintenance of Department Circuit 282-02-2-0-2001-(11)-15	43	-	-
Essential Rehabilitation of Major Medium Irrigation Schemes. 282-02-2-4-2001-1 (11)		57,108	2,757
Maintenance of Departmental Road 282-02-2-0-2001(11)-5		3,600	1,034
Management Supporting Facilities 282-2-2-0-2001-12 (11)		12	13
O & M Gravity Works (Wages) 282-02-2-0-2001-2 (11)		28	28
Establishing River Profile in Major Rivers 282-2-2-5-2105-(11)-2		3,579	-
Embankment Protection 282-2-2-5-2105-(11)-6		1,500	-
Feasibility studies for major, medium irrigation projects & surveys 282-2-2-0-2057-(11)-8-1		-	2,159

Repairs to plant, machinery & equipment 282-02-2-0-2002(11)-1		-	550
Repairs to Vehicles 282-02-2-0-2003-(11)		-	-
Ministry & other votes			
Clearing of Drainage Canals 198-02-03-52-2506(11)		79,623	5,007
Rehabilitation of Major Medium Irrigation Scheme including Emergency Infrastructure Rehabilitation Work Infrastructure Development 198-02-03-08-2506(11)		26,358	-
Wari Saubhagya National Program for Rehabilitation of Rural Tanks & Anicuts 429-02-03-002-2506(11)		537	3,610
Wari Saubhagya National Program for Rehabilitation of Rural Tanks & Anicuts 198-02-03-52-2506(11)		18,757	8,041
Wari Saubhagya National Program for Rehabilitation of Rural Tanks & Anicuts 429-02-03-004-2506(11)		14,919	18,583
Wari Saubhagya National Program for Rehabilitation of Rural Tanks & Anicuts 198-02-15-004-2506(11)		7,266	7,631

11.4.6 Projects implemented under other source of funds

a. PEISEIP

Table 11-31: Progress of the work

S.No	Division	Scheme	Allocation (Rs.) '000	Expenditure (Rs.) '000	Physical Progress
1	Rugam	Welighakandiya	6,666	6,666	100%

Construction of Bridge at stn.3+655 in Welighakandiya channel in Welighakandiya scheme in Rugam Division, Batticaloa

The above work was completed under the PEISEIP project and the bridge was constructed across the Welighakandiya channel in Eravurpattu DS division, Batticaloa district. There was no path to reach the paddy field directly from the other side for agricultural purposes. The construction work was started on 18th November 2022 and completed on 25th November 2022. Within 7 days the irrigation department completed the work and 150 farmer families benefited by this bridge.

Estimated Cost- 7.406 Mn



Figure 11-37: Construction of Bridge in Weligahakandiya channel

b. Wari Saubhagya - Rural tank Rehabilitation

Table 11-32: Progress of the work done under Wari Saubhagya

No	Name of the Scheme	TEC (Rs. 000 ['])	Expenditure up to end of 2022 (Rs.000 ['])	Physical Progress %
1	Kalkerny anicut	34,353	17,241	100%
2	Uppuvatti Kulam	11,670	6,134	95%
3	Vatti Kulam	8,018	1,589	100%
4	Thamarai Kulam	2,625	1,820	92%
5	Vilawadivattai Anicut	18,670	5,855	95%
6	Milathu Kulam	14,570	10,734	100%
7	Malayarkattu Anicut	16,333	11,393	100%

Reconstruction of Kalkerny anicut in Punanai

Kalkerny Anicut is located in Koralaipattu south DS division, Batticaloa district. Earlier there was an anicut which was merely damaged and had less opening with 9 bays. Irrigation department proposed the reconstruction of this anicut with 14 bays under Wari saubhagya program and the work was started on 1st August, 2021 and completed on 29th November, 2022. Additional 150 acres agricultural land is irrigated & 255 farmer families benefited by this kalkerny anicut.

Estimated Cost- 34.353 Mn



Figure 11-38: Reconstruction of Kalkerny anicut in Punanai

Improvements to Vatti Kulam

Vatti kulam is located in Vellavelly DS division in Batticaloa district. Tank bund was renovated & channel lining was constructed under this work. Therefore, Additional 50 acres were included to the agricultural land & 25 farmer families benefited due to the Rehabilitation of Vatti kulam.

Estimated Cost- 8.018 Mn



Figure 11-39: Improvements to Vatti Kulam tank bund

Improvements to Malayarkattu Anicut in Navakiri Division

The Malayarkattu Anicut was constructed across the Moongilaru river in Poraithivu pattu DS division in Batticaloa district. Earlier, planks were used as gates for this anicut and it was very difficult to remove those planks during the flood time. It causes more adverse effects to the farmers. Therefore, steel gates & other improvements were suggested.

Construction was completed in 2022. Therefore, 700 acres of agricultural land as well as 285 farmer families benefited due to the improvements of this anicut.

Estimated Cost- 16.333 Mn



Figure 11-40: Improvements to Malayarkattu Anicut

11.4.6 “Wap Haula” Programme

Table 11-33: “Wap Haula” Programme

Nature of the Activity	Division	Rugam	Navakiri
Number of Schemes		08	02
1.1 Pre Cultivation meeting		06	02
1.2 Cultivation Meeting		06	02
2.1 Conducting FO Election		03	-
2.2 Conducting FO Annual General meetings		61	03
2.3 Conducting PMC meetings		14	02



Figure 11-41: “Wap Haula” programme

11.4.7 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 11-34: Drinking water Extraction

Water Supply Scheme	Reservoir	Extracted Amount	
		m ³ per Day	Annual MCM
Unnichchai Water supply Scheme	Unnichchai Reservoir	30,188	11

11.4.8 Social Activities



Figure 11-42: Almsgiving arranged for Ayithiyamalai Shrine of our lady perpetual church feast

11.4.9 Other Works

a. Gardening works carried out in Rugam Division



Figure 11-43: Gardening work carried out in Rugam division

b. Peanut cultivation program in Thumbankerny unit office, Navakiri Division



Figure 11-44: Peanut cultivation program in Thumbankerny unit office

c. Gardening Works carried out in DI's office



Figure 11-45: Gardening Works carried out in DI's office

11.4.10 Staff Position

Table 11-35: Staff position of the region

No	Designation	Director of Irrigation		Divisional Irrigation Office				Project	
		Approved	Actual	Rugam		Navakiri		Approved	Actual
				Approved	Actual	Approved	Actual		
1	Director of Irrigation	1	1						
2	Chief Engineer	1	1						
3	Divisional Irrigation Engineer			1	1	1	1		
4	Engineer(Civil)	3	1						1
5	Engineer(ER)		1						1
7	CEMS		1						
8	Accountant	1	1						
9	Administrative Officer	1	1						

No	Designation	Director of Irrigation		Divisional Irrigation Office				Project	
		Approved	Actual	Rugam		Navakiri		Approved	Actual
				Approved	Actual	Approved	Actual		
10	Drawing Office Assistant	1	1 (Act)						
11	Divisional Assistant			1	1 (Act)	1	1 (Act)		
12	Engineering Assistant			14	8	8	4		
13	Institute Development officer	1							
14	Development Officer	1	6	5	5	4	9		4
15	Draughtsman	5	1	3	3	3	2		
16	Management Service Officer	14	14	5	5	5	6		
17	Technical Aide			12	9	12	10		4
18	Plan Printer	1							
19	Store Keeper			1	1	1	1		
20	Store Assistant			1	1	1	1		
21	Driver	3		3	1	3			
22	Operator	5			1		2		
23	Tractor Operator	5					4		
24	Labour	-	7	-	17	-	9		
25	Maintenance Labour		6	33	13	34	13		
26	Lab Assistant	2	2						
27	Mason	1							
28	Carpenter	1					1		
29	K.K.S	2	3	1		1			
30	Watcher	1		1		1			
31	Lorry Assistant	1			1				
32	Greaser	1							

11.5 Colombo Region

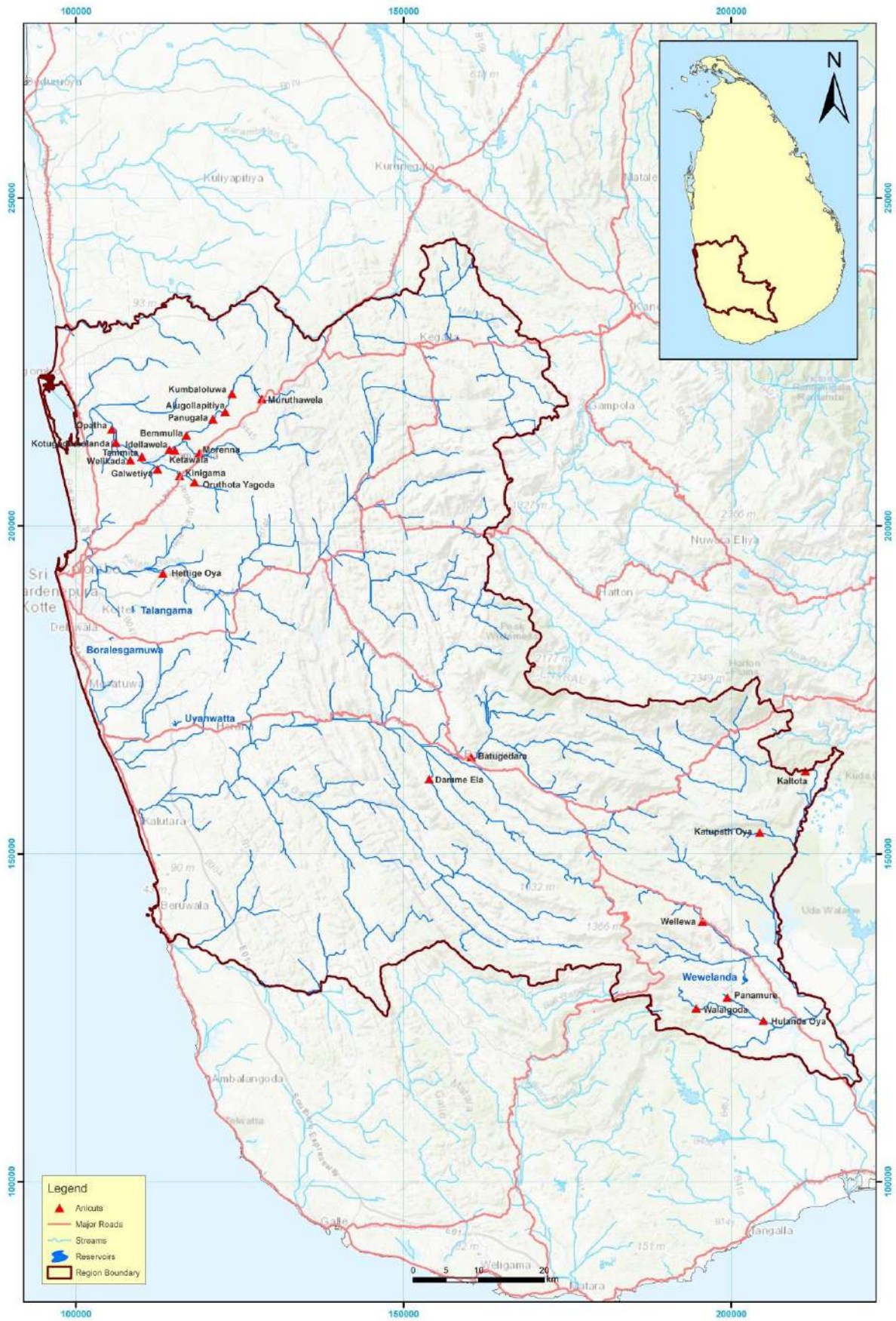


Figure 11-46: Scheme Map of Colombo Region

11.5.1 Introduction

Colombo Region covers five administrative districts Colombo, Gampaha, Kaluthara, Rathnapura, and part of Kegalle. One of the main responsibilities of the region is providing irrigation facilities to 34,860 acres under major and medium Irrigation schemes. 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 are the other main responsibilities. These are undertaken by four Divisional Irrigation Engineer's offices, those are mentioned below which are scattered over the region.

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 23 MFP structures with gates and minor flood protection bunds at the left bank of Kelani River. In addition to this, three Gravity Irrigation Schemes have an irrigable area of more than 2138 ha.

Gampaha Division

This office covers all medium irrigation schemes in Gampaha district. It consists of 14 irrigation schemes which all are anicut schemes in Attanagalu Oya and this is the IE division that have the higher number of irrigation schemes in Colombo region. The total extents of those schemes are 2987 ha. Generally, it is possible to cultivate both Yala and Maha seasons in those schemes without facing severe water scarcity. In addition to above, there are 20 Minor Flood Protection (MFP) schemes in Kelani Ganga RB side.

Kaluthara Division

Kaluthara division is responsible for the operation and maintenance of major and minor flood protection schemes in Kalu River and drainage and Salt Water Extrusion schemes in Benthara Ganga Right Bank. In addition, Uyanwatta Tank comes under the responsibility of Divisional Irrigation Engineer, with an irrigable area of 171 ha.

Rathnapura Division

Irrigation works of the Ratnapura District and part of Kegalle District (Yatinyanthota, 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. Total extents of those schemes are 2570 ha.

11.5.3 Details of Irrigation Schemes under the Region

Table 11-36: 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
Colombo	Boralesgamuwa	0.177	232	110	110	*	*
	Thalangama	0.062	206	145	145	*	*
	HettigeOya	Drainage	1700	1350	520	**	**
Rathnapura	Kalthota	Anicut	915	915	915		
	Katuppathoya	Anicut	404	404	404		
	Panamura	850.0	456	456	456		
	Walalgoda	Anicut	223	223	223		
	Hulandaoya	Anicut	99	99	99		
	Wellawa	Anicut	139	139	139		
	Batugedra	Anicut	87	28	01		
	Damme Ela	Anicut	144	76	60		
	Wewelanda	1.28	103		36		
Kaluthara	Uyanwatta wewa	454.00	142	85	59	0.112	0.123
	Benthara RB	SWE and Drainage & flood protection schemes	830	86	69	*	*
	Kaluwamodara		647	-	-		
	Bolgoda		2424	-	-		
	Kaluganga LB		1530	-	-		
	Kaluganga RB		1506	-	-		
	Dummalamodara		607	-	-		
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 the main canals. Water is issued from sluice whenever necessary.

** Drainage scheme

11.5.4 Major Works done during the year

a. Flood Mitigation Projects in Kelani Ganga, Mundeni Aru Basin, Kalu Ganga Basin, Nilwala Ganga basin and Gin Ganga

Table 11-37: Progress of the work done

Description of work	Allocation Rs.'000	Physical Progress
Improvements to Kahaunge Ela bund	5916.3	100%
Improvements to Korale Ela 1+700 to 4+7000	759.2	40%
Improvements to Kapu Ela from 1+800 to 3+600	3708.5	40%
Improvements to Dummalamodara ela from 5+000 to 6+000 & Pambe Ela from 1+400 to 1+900	681.3	40%
Improvements to Minor flood protection in Rada ela	3,645.71	90%
Flood mitigation works in Kelani flood protection scheme for year 2022	2,446.17	50%



Figure 11-47: Bolgoda bund after gravelling



Figure 11-48: After the improvements to Kahaunage MFP bund

b. Kelani Bund Protection Project

Kelani Bund Protection Project has been introduced to rehabilitate Kelani Ganga flood protection schemes. It 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. 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 progress of work items carried out under the above project during 2022 is given below.

Table 11-38: Progress of work done under Kelani River Bund Protection Project

Description of work	Allocation Rs '000	Physical Progress
Construction of RB U/S of Flank bund from 47.2m to 95.3m at Yabalaruwa anicut under Kelaniya scheme	996	100%
Construction of flood protection wall at pattiwila in Kelaniya MFP scheme	1,175	100%
Construction of 13.0m long flood protection wall at Pattiwila in Kelaniya MFP scheme	363	100%
Flood damage repairs to U/S canal bund slop protection at Pattiwila anicut in Kelaniya MFP scheme	1,107	100%
Driving sheet piles in breached section at Pethiyagoda from 1678m to 1718 m (Stage II)	-	100%
Improvements to Kelani north bund at 1+690 to 2+540	20,061	30%
Improvements to Kelani north bund at 5+000 to 5+530	23,303	85%
Improvements to Kelani north bund at 5+530 to 6+050	17,472	65%
Construction of Additional MFP structure at Bomiriya	9,507	97%



Figure 11-49: After the improvements in Kelani north bund from 5+530 to 6+050



Figure 11-50: After the construction of flood protection wall at Pattiwala

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



Figure 11-51: Constructed flank bund from 47.2m to 95.3m at Yabalaruwa anicut

Improvements to Canal Section of KanapothuAra at 11+250 km RB Main Canal in Kaltota Scheme

The total estimated cost for the work is Rs 1,636,000.00 and Rs1, 372,063.97 expended with 100% physical progress. 400 farmer families could get benefits from this construction.



Figure 11-52: Before Construction



Figure 11-53: After construction

Improvements to D1 Modara Ela 0+202km - 0+319 km in Damme Ela Scheme

The total estimated cost for the work is Rs. 1,856,000.00 and Rs. 1,500,338.38 spent with 100% physical progress. 35 farmer families could get benefits from this construction.



Figure 11-54: Before construction



Figure 11-55: After construction

Construction of 90.0m long lining in Thambalawela RBMC in Panamura Scheme

The estimated cost for the work is Rs. 1,833,000.00 and Rs.1,411,911 expended with 100% physical progress.40 farmer families could get benefits from this construction.



Figure 11-56: Before, during and after construction

Construction of Tractor crossing across the Kumbaloluwa middle canal at 0+140

The estimated cost for the work is Rs. 256,500.00 and Rs. 256,500.00 has been spent.



Figure 11-57: Before the construction of Tractor crossing



Figure 11-58: During the construction of Tractor

11.5.5 Divisional wise Allocation Distribution

Table 11-39: Divisional wise Allocation Distribution

Description /Vote No	Allocation (Rs.) '000				
	DI's Office	Colombo	Gampaha	Kaluthara	Rathnapura
Departmental Votes					
Construction of Staff Grade Quarters 282-02-2-0-2104(11)-5	4,258				
Rehabilitation of Ratmalana Housing scheme 282-1-1-2001-11-03	597				
Irrigation Secretariat 282-1-1-2001-11-01	3				
Operation and Maintenance of Gravity Irrigation Works 282-02-02-0-2001(11)-2		17	17	17	8
Flood Damages repairs and other repairs due to natural Disasters 282-02-02-0-2001(11)-9			145		
Management Supporting Facilities for O & M 282-02-02-0-2001-12		9	17	9	8
Operation and Maintenance of Gravity Irrigation works 282-02-02-01-2001(11)-2	186	2,333	12,888	1,807	6,693
Essential Rehabilitation in selected Major Irrigation Schemes 282-02-02-04-2001(11)-1	315	12,046	11,208	469	12,248
Surveying & Investigation of existing Schemes 282-02-02-0-2507(11)-8-3	9				
Maintenance of Circuit Bungalows 282-2-2-0-2001(11)-15					83.167
Wari Saubhagya Programme 429-02-03-004-2506(11)		24,283	7,866	10,406	3,225
Operation and Maintenance of Drainage & Flood Protection works 282-2-2-0-2001(11)-4	100	912	683	1,305	
Kelani River Bund Protection 282-02-03-23-2105	2,195	144,569	7,324		

Flood Mitigation Projects in Kelani ganga, Mundeni Aru basin, Kalu ganga basin, Nilwala ganga basin & Gin ganga 282-02-03-26-2105(11)		7,837		19,137	
Farmer Organization Development and Farm Productivity & Profitability 282-02-02-0-2001(11)-8				37	
Establishment & Improvement of Unit Offices 282-02-02-1-2001-1			82		
Activities related to Water day 282-02-2-0-2507-11-010-7		100			
Facilities for data analysis & documentation for investigation works 282-2-2-0-2505-11-1	1,359				
Establishing River Profile in Major rivers 282-2-2-5-2105-(11)-2		2,031	590	6,894	
Clean River Programme 282-2-2-5-2105-(11)-8				504	
Embankment Protection 282-2-2-5-2105(11)-6	1,625	20,137	2,361		
Improvement to Vehicles 282-1-1-0-2003(11)		392			
Improvements to Plant, Machinery & Equipment 282-1-1-0-2002(11)		71			
Ministry & Other Votes					
Rehabilitation of Major Medium Irrigation schemes 198-02-03-08-2506				6,140	60
Clearing of Drainage canals 198-02-03-52-2506		8,166	14,394	20,462	
Allocation for Urgent Repairs in Flood Protection structures & Clearing Drainage canal system 198-02-03-08-2506		1,410	2,790		
Wari Saubhagya Programme 198-02-15-004-2506(11)	100	18,653	10,429	7,228	2,194
Wari Saubhagya Programme 429-02-03-004-2506(11)		24,283	7,866	10,406	3,225

11.5.6 Projects implemented under other source of funds

a. Wari Saubhagya - Rural tank Rehabilitation

Table 11-40: Progress of the work done under Wari Saubhagya

No	Name of the Scheme	TEC (Rs. 000')	Expenditure up to end of 2022 (Rs.000')	Physical Progress %
1	Improvements of Chamlipura wewa at Moranthuduwa	1,081	522	80
2	Improvements of Gorakagahawela Amuna at Nagoda	1,874	324	45
3	Improvements of Narawila gal Amuna at Mathugam	2,390	1,867	80
4	Anicut in Danwatta	25,097	25,677	80
5	Maththegoda Maha wewa	13,671	10,202	100
6	Improvements to Wewekumbura kuda anicut	3,714	3,216	100
7	Improvements to Dorakada anicut	1,658	1,342	100
8	Improvements to Dahapela anicut	1,918	1,479	100
9	Improvements to Lunethota/Maguruwela amuna	3,191	2,799	100
10	Improvements to Gamawela anicut	523	360	100
11	Improvements to Danapala anicut	2,672	899	80
12	Desiyapatha wewa	4,282	2,169	100
13	Construction of silt ejector at 0+060 km in Karadakeiya scheme	1,826	1,467	100
14	Desilting bund forming Katupathoya MC 0+000 km to 5+060 km	5,218	4,233	100
15	Desilting bund forming Katupathoya MC 5+146 km to 6+632 km	1,540	527	80
16	Rehabilitation Manikdola anicut	3,619	514	100
17	Repairs to Galamuna anicut Rathnapura	1,530	1,000	100
18	Damme ela	6,973	6,218	100
19	Diyapotha Gal amuna	1,967	1,754	100
20	Palanthiya amuna	967	294	100
21	Hoopitigala amuna	658	452	100
22	Walawita amuna	3,790	272	10
23	Improvements to Puwakgasdeniya Tank	1,892	29	60
24	Rehabilitation of Paulusiya anicut in Welikada scheme	3,436	2,487	95
25	Improvements to Bodapelliya anicut in Donagaha canal	3,560	2,413	95
26	Improvements to Ketakala amuna using chemical anchoring system retaining wall	1,557	872	80
27	Rehabilitation of Punchimaeliya anicut in Welikada scheme	14,075	4,767	5
28	Improvements to Panugala	17,603	9,695	80

11.5.7 “Wap Haula” Programme

Table 11-41: “Wap Haula” Program

Nature of the Activity	Division			
	Rathnapura	Kaluthara	Colombo	Gampaha
Number of Schemes	9	6	3	14
1.Cultivation Meetings				
1.1 Pre-Cultivation meeting	14	2		10
1.2 Cultivation Meeting	13	2	2	2
2.Organizational Activities				
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 11-59: Pre Kanna meeting Uyanwatta Scheme



Figure 11-60: Kanna 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 11-42: Drinking Water Extraction

Water Supply Scheme	Reservoir/River	Extracted Amount	
		m ³ per Day	Annual MCM
Weediyawaththa (Yakkala) - Gampaha	Aththanagalu oya	7,500	2.74
Mangalathiriya – Gampaha	Aththanagalu oya	7,500	2.74
Ranpokunugama – Gampaha	Aththanagalu oya	10,000	3.65
Ambathale – Colombo	Kelani River	55,000	20.08
Biyagama – Colombo	Kelani River	180,000	65.70
Pugoda – Colombo	Kelani River	9,000	3.29
Avissawella – Colombo	Kelani River	12,000	4.38
Kurugammodara – Ratnapura	Kalu Ganga	3,300	1.21
Atigala Mawatha – Ratnapura	Kalu Ganga	13,200	4.82
Kuttapitiya – Ratnapura	Kirindiella	5,500	2.01
Weliharanawa – Ratnapura	Walawe Ganga	7,700	2.81
Doloswala – Ratnapura	Hangamuwa Ganga	5,500	2.01
Koswatta- Ratnapura	Koswatta Ganga	5,500	2.01
Dandeniya – Ratnapura	Way Ganga	5,500	2.01
Puwakwatta – Ratnapura	Kuru Ganga	11,000	4.01

11.5.9 Staff Position

Table 11-43: Staff Position

Designation	Director of Irrigation Office		Divisional Irrigation Engineer's Office							
	Approved	Actual	Colombo		Gampaha		Kaluthara		Ratnapura	
			Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1	-	-	-	-	-	-	-	-
Chief Engineer	1	1								
Engineer	4	3	1	1	1	1	1	1	1	1
Accountant	1	1								
Admin. Officer	1	1 (Act)								
DOA	1	1								
Divisional Assistant			1	1	1	1	1	1(Act)	1	1
Development Officer	1	1	4	1	5	3	4	2	2	4
Draftsmen	5	3+1 (Cov-up+1* (Deptment))	3	1	3	1	3	2	3	3
Engineering Assistant	-	-	9	7	8	8	9	7	9	8
Management service officer	14	10+3* (Cov.up)	6	6	5	8	6	4+2* (Cov. up)	6	7
Store Keeper	1		1		1		1		1	
Technical Aide (Irrigation)			8	6	6	4	6	3+*1 (Cov. up)	6	8

Field Assistant							1			
Driver	3	2+1 (Relief Driver)		3	3	4	3	3	3	3+2* (25/2014 Labour)
Operator	6	-	-		-	2	3	1	-	
Tractor Operator	5	-	-	1	-	1 (Temporary)		1	-	
O & M Labourer		2	8	8	8	12	6	6	6	8
A/C Operator			1							
Mason	2									
Carpenter	2									
Store Assistant	1	1	1	-	1	1	1	1	1	
Drawing Office Helper	1	-	-	-	-	-	-	-	-	-
C.B. Keeper										1
KKS	4	1	1	-	1	-	1	1	1	3
Labourer 25/2014		4	13	13	-	19	-	7	-	2
Painter, Welder, Electrician	3									
Field Watcher	2	-	1	1	1	1	1	1	1	
Lab Aide		1								

11.6 Galle Region



Figure 11-61: Scheme Map of Galle Region

11.6.1 Introduction

Galle Region comprises three Divisional Irrigation Engineer's offices: Matara, Ginganga, and Ambalangoda and one Regional workshop at Halpatota. These three divisions carry out the Operation and Maintenance work of 34 schemes as 16 Schemes from Matara, 11 Schemes from Ginganga, and 07 Schemes from Ambalangoda.

11.6.2 Divisions Comes under the Region

Matara Division

There are 16 Irrigation schemes (11 Gravity, 1 lift and 04 Drainage) in Matara division.

Ginganga Division

There are 11 irrigation schemes (1 Gravity and 10 Drainage) schemes in Ginganga division. Ten pump houses are in operation in Ginganga drainage scheme including sub drainage areas.

Ambalangoda Division

There are 07 Irrigation schemes (1 Gravity and 6 Drainages) in Ambalangoda Division.

11.6.3 Details of the Irrigation Schemes under Region

Table 11-44: Details of the Irrigation Schemes under 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	0.48	0.55
	Denagama	1.29	343	343	343	0.500	0.732
	Kekanadura	2.87	445	182	182	1.424	1.529
	Hali Ela	3.79	100	100	100	3.319	2.328
	Ellewela	1.05	528	528	528	0.488	0.465
	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	-	-
	Diyalape	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	951	882	882	-	-

11.6.4 Major works done during the year

a. Flood Mitigation Project

- **Rehabilitation of Thudawa, Magallagoda & Thalgahagoda pump Houses -Nilwala River**
Mainly consist of 4 pump houses with 22 fixed pumps (Magallagoda 14 nos, Thudawa 06 nos & Thalgahagoda 02 nos) and one mobile pump in Akuressa.

Mechanical works done by Halpatota workshop

1. Overhauling axial flow pumps
Thudawa - 02 Nos (Pump No 3 & 5)
Magallagoda - 02 Nos (Pump No 6 & 13)
2. Periodic services of caterpillar engines at Nilwala pump hoses.
3. Electrical repairs of Nilwala pump hoses.
4. Repair of radial gates at Magallagoda gravity outlet.
5. Repairs of fuel supply system and supply of grease & battery chargers for Thalgahagoda pump house.

Civil works done by Matara Division

1. Improvements to Magallagoda pump house building.
 2. Improvements to Thudawa pump house electrical system.
 3. Improvements of Magallagoda fuel store.
- **Rehabilitation of flood bunds and other essential flood mitigation works-Nilwala River**
Bund improvements works, canal clearing & desilting were done under this.
 - **Strengthening of flood protection bunds -Gin River**
Filter arrangement for BL 12 flood bund in Hammeliya scheme

Total expenditure for year 2022 was Rs. 59,985,005.79

11.6.5 Divisional wise Allocation Distribution

Table 11-45: Divisional wise Allocation Distribution

Description /Vote No.	Allocation (Rs.) '000			
	DI Office	Matara	Ginganga	Ambalangoda
Departmental Votes				
Drainage and Flood Protection 282-2-2-0-2001-11-4	85	1,130	1,778	511
Flood Mitigation 282-02-03-26-2105 (11)	339	23,981	10,377	-
Management Supporting Facilities 282-2-2-0-2001(11)-14		-	20	-
O & M Gravity Works 282-2-2-1-2001(11)-2	14,583	10,967	2,277	1,179
Maintenance and Improvements to Buildings 282-2-2-0-2001(11) – 1	-	18	18	-
Flood Damage Repairs & Other Damage Repairs due to Disaster 282-2-2-0-2001(11) - 10	-	284	317	-
Maintenance of Departmental Roads in Irrigation Schemes 282-2-2-0-2001(11)-5	-	128	-	-
Imp.to spill tail canal and drainage system in Irrigation schemes 282-2-2-0-2001(11)-16	-	-	39	-
ERRIMIS 282-2-2-4-2001(11) – 1	-	13,266	1,442	4,256
O & M Gravity (Wages) 282-2-2-0-2001(11) – 2	58	-	-	-
Maintenance of Department Circuit 282-2-2-0-2001(11) – 18	-	20	72	-
Unit Office 282-2-2-1-2001(11) – 1	-	-	7	-
Improvements to Mechanical Workshop 282-2-2-0-2001(11)-17	-	-	103	-

Plant Machinery & Equipment 282-2-2-0-2002(11) -1	-	70	-	-
Repairs to Vehicles 282-2-2-0-2003(11)	-	15	-	-
Community Awareness 282-2-5-2105-(11)-05	-	20	-	-
Establishing River Profile in Major Rivers 282-2-5-2105(11)-02	-	2,683	-	-
River Basin Management 282-2-5-2105-(11)-09	-	-	168	-
Embankment Protection 282-2-5-2105(11)-06	-	1,438	-	-
Water quality monitoring of Reservoirs & Rivers 282-2-2-0-2507-008-10	1,142	-	-	-
Establishment of 04 nos. of water quality monitoring unit 282-2-2-2507-11-009-9	-	2,297		
Ministry & Other Votes				
PEISEIP 198-2-3-21-2506	-	1,677	86	-
State Ministry of Urban Development Coast Conservation 411-2-3-7-2506	-	299	200	250
Wari Saubagya 429-02-03-6-2105	-	8,509	4,798	-
Wari Saubagya 198-2-3-52-2506(11)	-	5,760	2,986	-
198-02-03-18-2506 Gin Nilwala Project	3,895	-	-	-
Infrastructure Development (RMMIS) 198-2-3-8-2506	-	1,752	2,512	1,325
Clearing of Drainage Canals 198-02-03-52-2506(11)	10,505	7,047	7,452	4,958

11.6.6 Project implemented under other Source of funds

a. PEISEIP

Table 11-46: Allocation Distribution & Expenditure

Division	Scheme	Allocation Rs. '000	Expenditure Rs. '000
Matara	Diyalape	1,677.21	1,677.21
Matara	Kekanadura		
Ginganga	Holuwagoda /Administration / O&M Expenses	86.36	86.36

11.6.7 “Wap Haula” Program

Table 11-47: “Wap Haula” Program

Nature of the Activity	Division		
	Matara	Ginganga	Ambalangoda
Number of Schemes	16	11	7
1. Cultivation Meetings			
1.1 Pre Cultivation Meeting	22	22	2
1.2 Cultivation Meeting	22	4	14
2. Organizational Activities		-	
2.1 Conducting FO Election	-	-	-
2.2 Conducting FO Annual General Meetings	-	-	-
2.3 Conducting PMC Meetings	12	11	7

11.6.8 Other works

- Gardening was done in the office premises to get maximum productivity from the land.



Figure 11-62: Gardening in the office premises

11.6.9 Staff Position

Table 11-48 : Staff Position of the Region

Designation	Office of the Director of irrigation		Divisional Irrigation Engineer's Office					
	Approved	Actual	Matara		Ginganga		Ambalangoda	
			Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1	-	-	-	-	-	-
Chief Engineer	1	1	-	-	-	-	-	-
Irrigation Engineer	4	3	1	1	1	1	1	1
Earth Resource Engineer	-	1	-	-	-	-	-	-
Accountant	1	1	-	-	-	-	-	-
Administrative Officer	1	1	-	-	-	-	-	-
Drawing Office Assistant	1	-	-	-	-	-	-	-
Senior Work Supervisor	1	-	-	-	-	-	-	-
Institutional Dev. Officer	1	1	-	-	-	-	-	-
Divisional Assistant	-	-	1	1	1	1	1	1
Engineering Assistant	-	-	9	11	9	9	6	9
Development Officer	1	9	5	8	1	3	1	2
Management Service Officer	14	14	6	5	6	6	6	6
Draughtsman	5	4	3	2	3	2	3	1
Store Keeper	-	-	1	1	1	0	1	1
K. K. S.	2	2	1	4	1	1	1	1
Driver	4	3	3	6	3	3	3	2
Operator	11	-	-	2	-	1	-	1
Technical Aid	-	-	10	8	10	9	8	7
Tractor Operator	5	-	-	-	-	-	-	-
Labour 25/2014	-	4	-	49	-	16	-	15
Machine Operator	-	-	-	-	-	2	-	-
Pump Operator	-	-	8	5	18	1	-	-
Mason	1	-	-	-	-	1	-	-
Carpenter	1	-	-	-	-	1	-	-
Maintenance Labor	-	-	16	9	16	20	13	1
Mechanic	-	-	-	1	-	-	-	-
Circuit Bungalow Keeper	1	1	1	1	-	-	-	-
Field Watcher & Watcher	2	-	1	1	1	-	1	-
Greaser	2	-	-	-	-	-	-	-
Store Aid	-	-	1	0	1	-	1	-
Cleaner / Helper	1	-	-	-	-	-	-	-
Plan Printer / Helper	1	-	-	-	-	-	-	-

11.7 Hambanthota Region

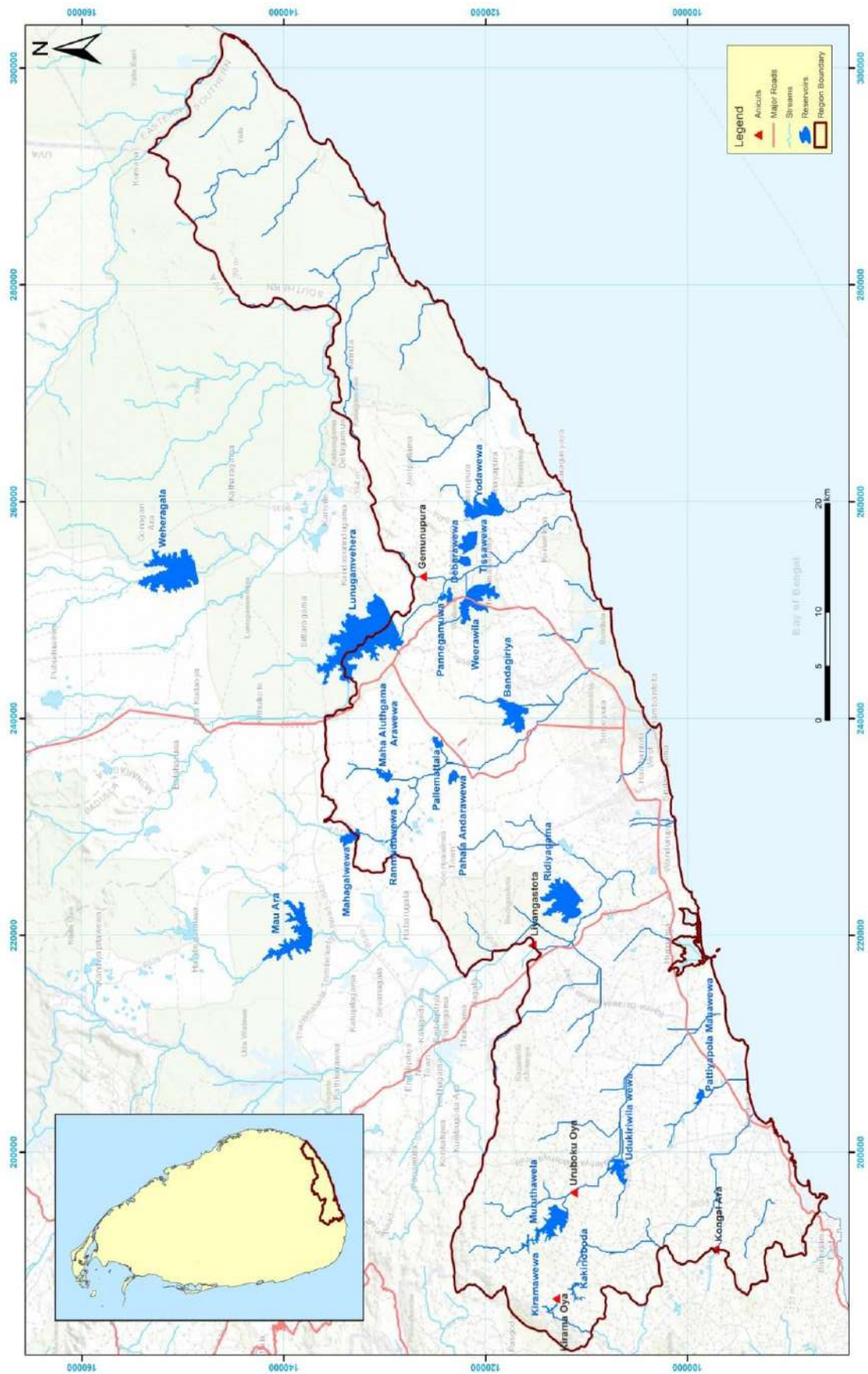


Figure 11-63: Scheme Map of Hambanthota Region

11.7.1 Introduction

Hambantota is a part of the ancient Ruhunu kingdom that is blessed with fertile fields and a stupendous irrigation network. Currently, it is a highly developing area that contains an international airport, harbor, and a developed road network. The area features a tropical dry climate, when there is less rain from January to March and from June to August. Irrigation Department plays a great role in the region since the area is very much suitable for cultivation. There are several major rivers such as Walawa, Kirindi Oya, Menik ganga, Uruboku Oya, Kirama Oya are flowing through the area, providing water for cultivation.

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 11-49: The 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	667.7	708	80	15.90	9.23
	Debarawewa	0.96	382.4	382	382	5.54	5.06
	Gemunupura	-	97.1	101	142	-	-
	Lunugamwehera	226.70	5,429.7	5,431	5,431	57.90	87.28
	Pannegamuwa	1.23	220.6	221	221	-	-
	Tissawewa	4.33	1,112.9	1,113	1,113	4.87	5.23
	Weerawila wewa	14.37	934.8	935	1052	8.90	12.30
	Yodawewa	10.33	1,297.8	1,298	1,298	5.02	8.55
	Veheragala	75.24	-			53.00	60.16
Hambantota	Mahaaluthgam Ara	2.10	222.6	223	190	-	-
	Mahagal wewa	3.40	161.9	162	139	-	-
	Mau Ara	40.99	296.6	OFC 2020	2,024	13.62	18.00
	Pahala Andara wewa	1.66	97.1	98	98	-	-
	Pallemattala Wewa	1.26	133.5	134	152	-	-
	Ranmuduwewa	0.80	80.9	80	80	-	-

	Walawe LB (Ridiyagama)	31.56	3,438.6	3,440	3,440	60.90	50.72
	Walawe RB	-	3,260.5	3,265	3,265	-	-
	Minor Tanks 1	-		680	680	-	-
	Minor Tanks 2	-		397	397	-	-
Weeraketiya	Kirama Oya (Kekiriobada wewa)	3.95		2,127	1249	-	-
	Kongal Ara	-	2,610.2			-	-
	Muruthawela	47.95	1,821.1	1,709	1,661	49.50	30.97
	Urubokuoya	-	2,565.7	2,449	1,705	-	-

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 done during the year

a. Kochchipathana Feeder canal

It is proposed to construct a feeder canal from Detagamuwa tank to Kochchipathana tank under this project. There were 8 projects under canal infrastructure constructions and Rs. 6,166,446.67 was received for 2022.

b. Wari Saubhagya Programme

The total estimation cost was Rs. 186,824,000.00 and the amount of Rs. 246,759,148.37 allocation was received under 3 votes. Progress of the work is 90 %. There were 35 activities continued under the program for the year of 2022. Total expenditure was Rs. 140,573,960.29.

11.7.5 Divisional wise Allocation Distribution

Table 11-50: Division wise Allocation Distribution

Vote No. / Description	Allocation (Rs.'000)			
	DI Office	Tissamaharama	Hambantota	Weeraketiya
282-02-02-0-2001-(11)-2 O&M Gravity Works	1,161	17,873	13,492	12,186
282-2-2-0-2001(11)-16 Improvements to spill tail canal & Drainage system		329		
2822-2-0-2001(11)-1 Maintenance & Improvements to Building				705
282-2-2-4-2001(11) ERMMIS		18,479	34,160	11,897
282-2-2-0-2001(11)-5 Maintenance of Departmental Roads		11		
282-2-2-0-2001(11)-19 Improvements to Feeder canals		2,144		
282-2-2-0-2001(11)-12 Management Supporting Facilities	35		19	7
282-2-2-0-2001(11)-15 Maintenance of Department Circuits		180	26	13
282-2-2-0-2001(11)-2 Operation & Maintenance Gravity Works (Wages)		30	26	21
282-2-2-5-2105(11)-6 Embankment protection			21	3,572
282-2-2-5-2105(11)-2 Establishing river profile in Major rivers				1,529
282-02-2-0-2001(11)3 Lift & Micro Irrigation Project		164	50	

282-02-2-0-2507-11-010-6 Land and Legal matters			50	
282-02-2-0-2001(11)8 Farmer Organization Development & Farm productivity & Profitability	29			7
282-2-2-1-2001(11)-3 Improvements to water Management and Conveyance efficiency			1,500	4,958
282-2-2-1-2001(11)1 Establishment and Improvements of unit office			1,501	627
198-02-03-52-2506(11) Clearing of Drainage canals		1,052	1,809	4,80
282-2-2-0-2001(11)20 O&M Works in Model Farm				52
Ministry & Other Votes				
198-02-03-21-2506 PEISEIP		1,040		
198-02-03-52-2506 PEISEIP		37	17	
198-02-03-52-2506(11) Clearing of Drainage canals		1,052	1,809	4,80
198-2-3-8-2506 (11) Rehabilitation of Major Medium Irrigation Schemes including Emergency		6,166		
285-02-02-15-2507 Department of Agriculture			800	
285-02-02-0-2105 Department of Agriculture			1,037	
198-02-03-52-2506(11) “Wari Saubhagya” National Programme		50,264	40,275	22,735
198-02-15-02-2506 “Wari Saubhagya” National Programme		28,310	13,293	17,315
198-02-15-004-2506(11) “Wari Saubhagya” National Programme		31,111	24,621	18,836

11.7.6 Project implemented under other sources of funds

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

The work is carried out jointly under the Irrigation Department, Department of Agriculture, Agrarian Services Department and Irrigation Management Division. Following are the allocation distribution among the selected scheme for the year 2022 for irrigation canal system improvement works and rehabilitation of small scale irrigation structures.

Table 11-51: Progress of work under PEISEIP

Division	Scheme	Allocation Rs.'000	Expenditure Rs.'000	Physical Progress
Thissa	Bandagiriya	1,094	1,064	100%

b. IWPIP

It is proposed to modernize irrigation schemes under the Kirindi Oya cascade system. A sample project of a buried pipe system is also proposed in the Lunugamwehera scheme. After the preliminary survey, DC5 canals of track 1 & track 2 in LBMC, Lunugamwehera was selected for the pilot project. The canal surveying was done and levels were sent to the project team.

c. IWWRMP

Several modernization and rehabilitation works are proposed for the Kirindi oya basin under this project. The engineering estimate for Lunugamwehera headwork improvement has sent to the head office.

11.7.7 “Wap Haula” Program

Table 11-52: 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		
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

National Water Supply and Drainage Board proposed and implements several drinking water supply projects such as the Lunugamwehera water supply project, Ridiyagama, etc. Water extraction details are presented below.

Table 11-53: Drinking water extraction of Reservoirs in Hambantota Region

Water Supply Scheme	Reservoir	Extracted Amount	
		m ³ per Day	Annual MCM
Lunugamwehera	Lunugamwehera	12,000	4.38
Kirindi oya		4,200	1.53
Kataragama		8,500	3.10
Kirama oya, Nalagama		9,000	3.29
Kirama oya, Walasmulla		400	0.15
Muruthawela	Muruthawela	5,500	2.01
Uruboku oya, Wakamulla		1,500	0.55
Kattakaduwa		13,500	4.93
Walawa RB		3,000	1.10
Ridiyagama	Ridiyagama	17,500	6.39

11.7.9 Social Activities



Figure 11-64: Shramadana campaigns done for growing vegetables and crops in the office premises



Figure 11-65: Tree planting campaign

11.7.10 Staff Position

Table 11-54: Staff Position of the Region

Designation	Office of the Director of Irrigation		Office of the Divisional Irrigation Engineer					
			Hambantota		Weeraketiya		Tissamaharama	
	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
Earth Resources Engineer		1						
Accountant	1	1						
Administrative Officer	1	1						
Drawing Office Assistant	1	-						
Senior work supervisor	1	-						
Divisional Assistant			1	1	1	1	1	1
Institutional Development Officer	1	1						
Development Officer	1	5	7	7	5	8	7	4
Engineering Assistant	-	-	10	10	8	9	10	8
Draughtsman	5	5	3	3	3	3	3	1
Mechanical Foreman								
Management Service Officer	14	11	5	6	5	6	5	5
Store Keeper	-	-	1	-	1	-	1	1
Technical Aide (Irrigation)			8	9	8	7	8	8
Driver	4	3	3	6	3	6	3	7
Operator	5	-		1		2		2
Tractor Operator	7			1		1		1
Operation & Maintenance Labour		1	26	5	26	8	26	8

Designation	Office of the Director of Irrigation		Office of the Divisional Irrigation Engineer					
	Approved	Actual	Hambantota		Weeraketiya		Tissamaharama	
			Approved	Actual	Approved	Actual	Approved	Actual
Labourer		} 2		} 26		} 23		} 38
Labourer (25/2014)								
Mason	1							
Carpenter	1							1
Circuit Bungalow Keeper	1						1	1
Store Aide			1	1	1	1	1	1
Plan Printer Helper	1	1						
Greaser	4	-		1	1	1		
KKS	2		2		1	2	1	-
Watcher	1		1	-	1		1	
Lorry helper				1				
Cleaner						1		1

11.8 Kandy Region

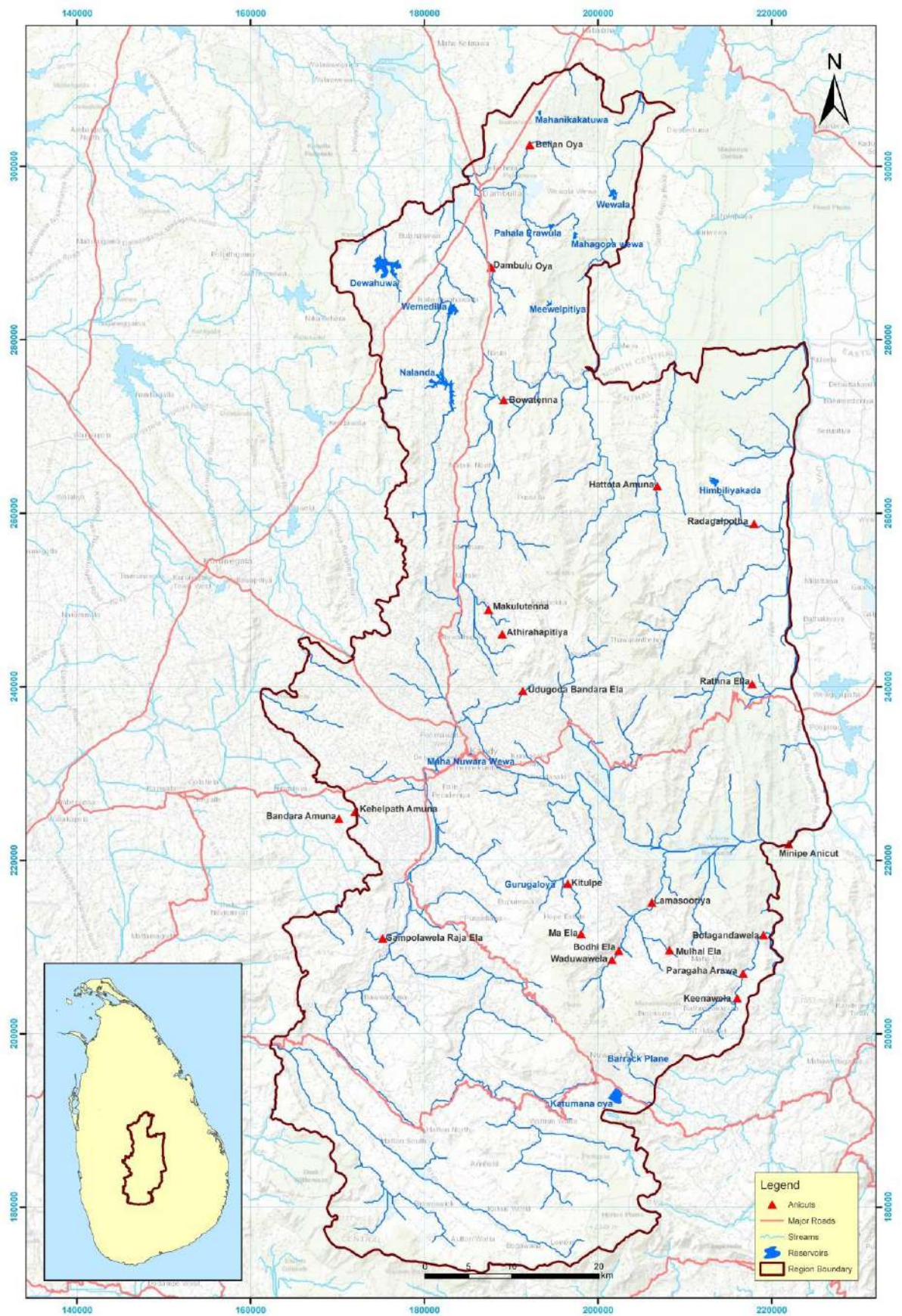


Figure 11-66: Scheme Map of Kandy Region

11.8.1 Introduction

Kandy Region in the Irrigation Department is responsible for maintaining and rehabilitation of all major and medium schemes in the entire Central Province which includes administrative districts of Kandy, Matale, Nuwaraeliya, and part of Kegalle.

11.8.2 Divisions come under the Region

This region comprises five Irrigation Engineer divisions.

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

11.8.3 The Details of the Irrigation schemes

Further variation of irrigable area in scheme wise is described in below table.

Table 11-55: Details of Irrigation Schemes

Division	Scheme	Capacity at FSL / (MCM)	Irrigable Extent / (Ha)	Cultivated Extent / (Ha)		Total Water issue from the sluice (MCM)	
				Maha	Yala	Maha	Yala
Minipe	Minipe L B	-	7,987	7,987	7,984	165.93	155.91
	RathnaElla	-	110	110	110	1.86	1.91
	Radagalpotha	-	86	86	86	1.11	1.18
	Himbiliyakada	2.30	155	155	*	0.772	0.70
Kandy	Gurugaloya (Murapola)	0.16	486	486	324	1.405	0.99
	BandaraAmuna	-	97	89	81	0.86	1.40
	KehelpathAmuna	-	100	87	89	0.94	1.30
	Udugoda Bandaraela	-	164	164	140	1.57	1.54
	Bodhiela	-	154	154	146	1.59	1.49
	Gampolawela Rajaela	-	164	153	80	1.49	1.85
	Kitulpe Ela	-	137	137	137	1.40	0.95
	Maela	-	654	654	654	6.97	4.01
Lamasooriya	-	186	186	166	2.55	2.16	
Dambulla	Dewahuwa	13.57	1,215	1,215	1,215	20.90	16.58
	Wemedilla	5.67	810	810	810	18.99	8.28
	Bellanneoya	Anicut	87	87	87	0.90	1.10
	Pahala Eraula	0.42	142	142	142	4.36	4.32
	Dambuluoya	Anicut	243	243	243	2.50	3.20
	Nalanda	15.86	62	62	62	3.70	3.70
	Wewalawewa	1.67	97	97	97	2.71	2.10
	Mahanikakatuwa	0.19	87	87	87	0.15	0.17

Matale	HattotaAmuna	-	448	429	448	7.31	7.84
	Makuletanna	-	121	116	117	1.14	1.14
	Bowatenna	-	134		134	1.90	1.90
	Meewalpitiya	0.42	85	85	85	0.40	0.55
	Athirahapitiya	-	85	85	85	0.85	0.85
Nuwara Eliya	ParagahaArawa	-	132	132	132	2.14	1.29
	Keenawala	-	102	102	102	1.39	1.05
	Mulhalela	-	208	208	182	1.36	1.49
	Waduwwela	-	194	168	117	1.64	1.19
	Bolagandawela	-	144	144	108	1.86	1.24

* Cultivation was not done because to the lack of rain water.

11.8.4 Major Works done during the year

a. Mahagonawewa Project

Project Description

Mahagona wewa is an ancient tank in the Dambulla area in Matale district. The dam was constructed across Mahagona Oya. The construction works of this tank were already completed in 2017. But the right bank main canal system has been continued to the year 2022. RB main canal and the earth works of field canals were completed. But few structures were not constructed due to lack of allocation.



Figure 11-67: Construction of field canals

b. Godigamuwa wewa Project

Godigamuwa tank is an existing tank in Naula area. The existing tank was constructed during the latter part of the 1970's and opened in March of the 1980's, this tank was maintained under the Provincial Irrigation Department at present. The tank capacity is very much less compared to the irrigable area. The existing spill has been undermined and water leaks through the bund were observed. The tank bund was damaged by wild elephants in several places. This tank was selected for rehabilitation to overcome all these issues under the local funds.

Construction works were started in 2019 and overall physical progress up to the end of the year 2022 was 77%. A new dam section was formed by slightly shifting the dam axis due to the leakages through the existing dam and the dam height was raised by 4m to increase the storage by 160 acft.

After the completion of rehabilitation works, the capacity of the tank will increase up to 202 acft and it can irrigate 165 acres of land. Additional water is proposed to divert from adjoining catchment by the construction of weir and the diversion canal.



Figure 11-68: Tank Bund



Figure 11-69: Spill

c. Barrakplane Project

Barrak Plane tank is a small tank or the man-made lake situated in Nuwaraeliya Divisional Secretariat area and tank storage is about 0.12 MCM. It provides a great service throughout the year supplying irrigation water facility to farmers under Bomburuella Irrigation schemes to cultivate paddy and year-round vegetable crops. This tank replenishes with surface runoff of its watershed due to rains and springs.

At present this tank is totally covered with extensive growth of invasive plant “Alligator” covering the entire water body and filled with sediments. As a consequence of both events, the estimated reduction of tank storage is about 40 % of its actual capacity.

This project is implemented by Divisional Irrigation Engineer Nuwara Eliya. The allocation is granted under the ministry vote and the coordinate through the Major Construction branch. Total estimated cost of the project was Rs. 230.0 million and allocation given for the year 2022 was Rs. 83.98 million. Physical progress of the project is 38% by the end of the year 2022.



Figure 11-70: Desilting work at Barrack plane tank

d. Kandy Lake

Moat

Renovation of Moat in Sri Dalada Maligawa was started in the year 2019 according to the proposal of his Excellency the president. This Project estimated amount was Rs. 76,547,000.00 and at present 78% of the work has been completed.



Figure 11-71: Construction work of moat

Retaining Wall

Retaining wall in Front of Vishnu Dewalaya in the moat at Sri Dalada Maligawa has failed due to heavy rain in 2021. The project was launched in the year 2021 and estimated Rs. 119 M. Thereafter at the end of 2022, 55% of the work has been completed.



Figure 11-72: Construction work of retaining wall

11.8.5 Division wise Allocation Distribution

Table 11-56: Allocation distribution in 2022

Description /Vote No.	Allocation Rs ('000)					
	Kandy	Dambulla	Matale	Minipe	Nuwaraeliya	DI office
Departmental Votes						
Maintanance and Improvements to Buildings 282-02-02-00-2001(11)-1	1,099					
Operation and Maintanance of Gravity Irrigation Works (Wages) 282-02-02-00-2001(11)-2	10					
Improvement to Kandy Lake 282-02-02-00-2001(11)-6	28					
Flood Damaged Repairs (FDR) 282-02-02-00-2001(11)-9	139				710	
Management Supporting Facilities 282-02-02-00-2001(11)-12	19	34			50	124
Maintenance of Deapartment Circuit Bangalow 282-02-02-00-2001(11)-15	26		40		107	
Construction of Central Zonal Office 282-02-02-00-2104 (11)-9	2,694					
Operation and Maintanance of Gravity Irrigation Works 282-02-02-01-2001 (11) -2	4,086	6,011	11,158	1,711	2,641	
ERMMIS 282-02-02-04-2001(11)	1,320	13,701	6,875	5,818	10	
Rehabilitation of Major Medium Irrigation Schemes Including Emergency Infrasructure Rehabilitation Works - Infrastructure Development 198-02-03-08-2506(11)	59,397					
Farmer organization Development under waphaula programme (FOD) 282-02-02-0-2001(11)-8	17				21	
Establishment and Improvement of Unit offices 282-02-02-1-2001-1	178					

Calibration & Water Management 282-02-02-0-2507-009-7			208			
Improvement to water management and conveyance Efficiency 282-02-02-01-2001-3			177			
Feasibility studies for Major, Medium Irrigation project and Surveys/Soils / Geotechnical Investigation 282-02-02-2507(11)-008-1	440					
Establishing river profiles in major rivers 282-02-02-05-2105-2					2	
Establishment of New Hydrological Guaging Stations in Major Rivers 282-02-02-05-2105-3	586					
River Basin Management 282-02-02-05-2105-9			45			
Mahagaona Tank 282-02-03-09-2105 (11)		12,999				
Godigamuwa Tank 282-02-03-25-2105 (11)				36,829		
Plant, Machinery and Equipment – Repairs 282-02-02-00-2002						2,466
Repair to Vehicle 282-02-02-00-2003 (11)						1,920
Ministry & Other Votes						
Rehabilitation of Major Medium Irrigation Schemes Including Emergency Infrasructure Rehabilitation Works - Infrastructure Development 198-02-03-52-2506		164				
Wari Saubagya National Programme 198-02-03-52-2506	7,933	2,485	6,760	849	5,046	
Wari Saubagya National Programme 198-2-15-004-2506	29,749	2,075	12,246	4,828	10,639	
Wari Saubagya National Programme 198-2-15-02-2506	607		20	5,937	224	
Barrack Plane Tank 198-02-03-45-2506 (11)					53,580	
PEISEP 198-02-03-21-2506	60					
PEISEP 198-02-03-52-2506	174					25

11.8.6 Projects implemented under other sources of funds

a. Wari Saubagya National Programme for Rehabilitation of Rural Tanks and Anicuts



Figure 11-73: Moragahamula Anicut in Kandy Division



Figure 11-74: Thunekotuwa Canal in Minipe Division



Figure 11-75: Kalugahakandura Anicut in Matale Division



Figure 11-76: Canal system improvement in Puwakpitiya, Dambulla Division



Figure 11-77: Canal system improvement in Ambokka Tank, Dambulla Division



Figure 11-78: Before and after flood damage repair work in Mahagasthota minor tank, Nuwaraeliya Division

11.8.7 “Waphaula” Programme

Table 11-57: “Waphaula” Programme

No	Nature of Activity	Mathale	Kandy	Nuwara Eliya	Dambulla	Minipe
	Number of schemes	5	8	5	6	3
1	Cultivation Meeting					
1.1	Per Cultivation Meeting	7	14	10	12	6
1.2	Cultivation Meeting	4	6	14	11	5
2	Organization Activities					
2.1	Conducting FO Election	-	-	06	3	1
2.2	Conducting FO Annual General Meeting	-	-	13	3	1
2.3	Conducting PMC Meeting	4	4	05	6	5
3	Capacity building					
3.1	Financial Management	-	-	-		-
4	Participatory Management					
4.1	Shramadana for clearing canal bunds	-	25	10		-
5	Awareness Programme					
5.2	OFC Cultivation	-	2		-	-
6	Other Cultivation		1			
6.1	Arecanut/ tree planting	-	-		-	-
6.2	Deva puja pirith etc			01		



Figure 11-79: Project committee meeting in Minipe Division



Figure 11-80: Project committee meeting in Nuwaraeliya Division

11.8.8 Special Activities

a. Implementation of tree planting programme

Dambulla Division held Implementation of tree planting programme to protect catchment area of reservoir with Cristal Martin (Sri Lanka) Group



Figure 11-81: Tree planting programme

b. Waga Sangramaya Programme



Figure 11-82: DI Office and Irrigation Quarters in Kandy



Figure 11-83: Kandy Lake in Kandy Division



Figure 11-84: Dambulla IE Office



Figure 11-85: Quarters, Dambulla Division



Figure 11-86: Quarters, Nuwaraeliya Division

11.8.9 Drinking Water Extraction

Table 11-58: Drinking Water Extraction

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

11.8.10 Staff Position

Table 11-59: Staff Position

NO	Designation	Office of the Director of Irrigation		Office of the Divisional Irrigation Engineer										Approved	Total
				Minipe		Kandy		Dambulla		Matale		NuwaraEliya			
		Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual		
1	Director of Irrigation	1	1	-	-	-	-	-	-	-	-	-	-	1	1
2	Chief Engineer	1	-	-	-	-	-	-	-	-	-	-	-	1	0
3	Divisional Irrigation Engineer	-	-	1	1	1	1	1	1	1	1	1	1	5	5
4	Engineer	4	3	-	-	-	-	-	-	-	-	-	-	4	3
6	Accountant	1	1	-	-	-	-	-	-	-	-	-	-	1	1
7	Administrative Officer	1	1	-	-	-	-	-	-	-	-	-	-	1	1
8	Drawing office Assistant	1	-	-	-	-	-	-	-	-	-	-	-	1	0
9	Divisional Assistant	-	-	1	1	1	1	1	1	1	1	1	-	5	4
10	Engineering Assistant	-	1	11	7	9	7	8	7	4	4	4	4	36	30
11	Institute Development Officer	1	1	-	-	-	-	-	-	-	-	-	-	1	1
12	Development Officer	1	3	6	6	5	5	5	6	2	4	1	1	20	27
13	Draughtsman	5	4	3	1	3	1	3	2	3	2	3	1	20	11
14	Management Service Officer	14	15	6	2	6	6	6	6	5	5	5	5	42	40
16	Technical Assistant (Civil)	-	-	10	12	8	10	6	5	6	5	6	5	36	37
17	Plan Printer	1	1	-	-	-	-	-	-	-	-	-	-	1	1
18	Store Keeper	-	-	1	1	1	1	1	1	1	1	1	1	5	5
19	Store Assistant	-	-	1	1	1	1	1	0	1	1	1	1	5	4

20	Driver	4	3	3	4	3	3	3	3	3	5	3	1	19	19
21	Operator	7	-	-	2	-	2	-	-	-	1	-	-	7	5
22	Tractor Operator	7	-	-	3	-	1	-	-	-	-	-	2	7	6
23	O&M Labourer	-	1	8	4	10	14	8	7	8	3	8	3	42	32
24	Mason	1	-	-	-	-	-	-	-	-	-	-	-	1	0
25	Carpenter	1	-	-	-	-	1	-	-	-	-	-	-	1	1
28	Relief Driver	-	-	-	-	-	-	-	-	-	-	-	1	0	1
30	K.K.S.	3	2	1	1	1	1	1	1	1	1	1	1	8	7
31	Greaser	3	-	-	-	-	-	-	-	-	-	-	-	3	0
32	Lorry Assistant	2	-	-	-	-	-	-	-	-	-	-	-	2	0
33	Circuit Bungalow Keeper	-	-	2	2	1	-	-	-	-	-	1	1	4	3
35	Labourer (25/2014)	-	2	-	14	-	24	-	23	-	10	-	6	0	79
36	Field Watcher	1	-	1	2	1	2	1	-	-	-	1	0	5	4
37	Labourer	-	-	-	1	-	-	-	-	-	1	-	-	0	2
	Hibilyakada														
38	Management Service Officer	-	-	-	1	-	-	-	-	-	-	-	-	0	1
39	Driver	-	-	-	1	-	-	-	-	-	-	-	-	0	1

11.9 Kurunegala Region

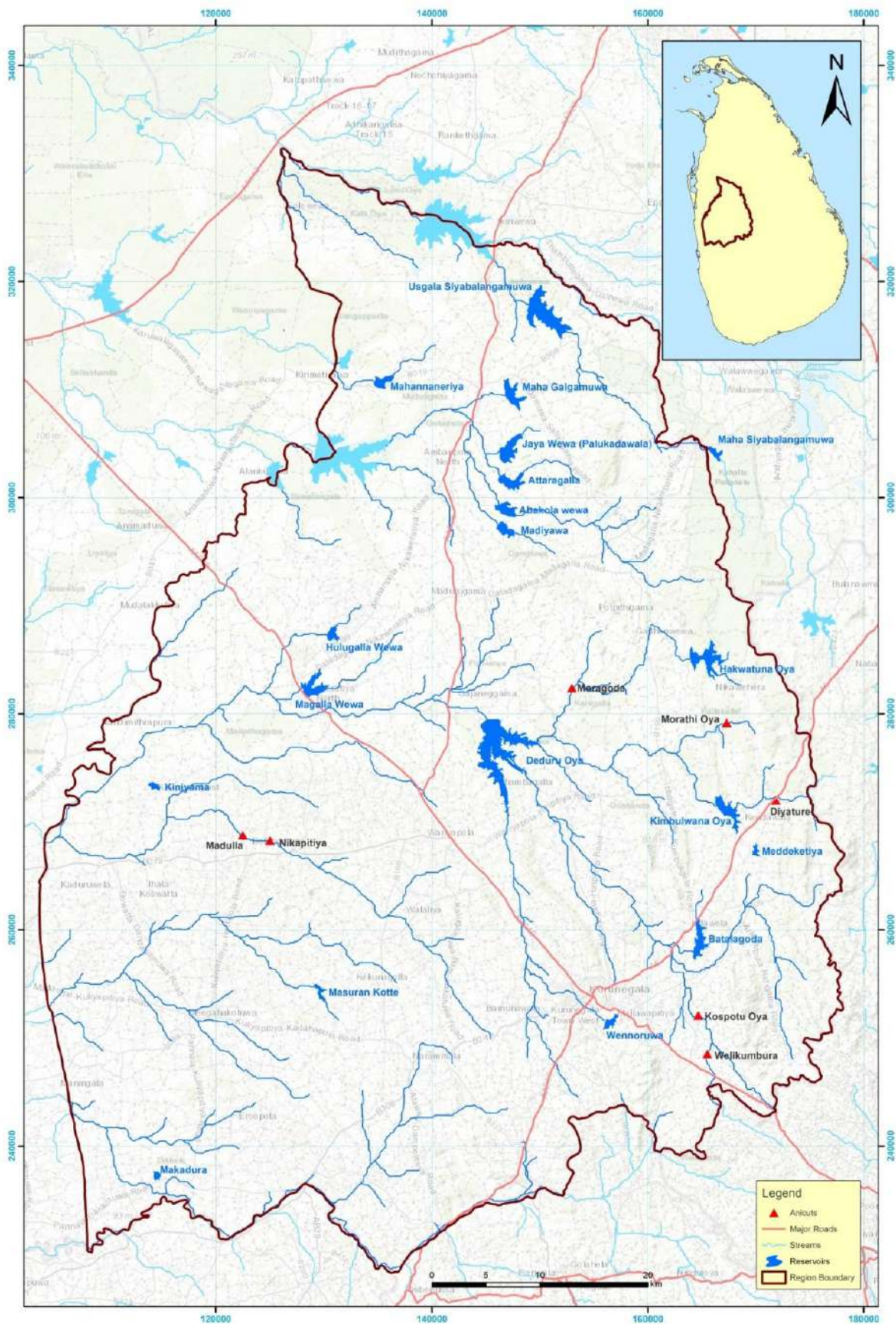


Figure 11-87: Scheme Map of Kurunegala Region

11.9.1 Introduction

Kurunegala Region covers the whole area in Kurunegala District of the North Western Province. Kurunegala has a very special historical background among other Districts and well irrigated lands consist of many minor to major irrigation schemes. Rainfall wise Kurunegala District belongs to the Dry Zone and the Intermediate Zone. Deduruoya, Mioya, Maoya are the main river basins in Kurunegala District.

11.9.2 Divisions come under the Region

There are five divisions come under the region,

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

11.9.3 The Details of the Irrigation Schemes under Region

Table 11-60: Details of the Irrigation schemes under the regions

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	0.479	304	243	304	1.85	2.31
	Kiniyama	0.856	132	132	132	1.3	1.50
	Madulla	Anicut	140	140	101	1.7	1.5
	Nikapitiya	Anicut	91	91	73	1.2	1.2
	Wellangiriya	Lift Irrigation	81	81	81	1.0	1.0
	Masurankotte	0.701	111	111	111	1.01	1.35
Nikaweratiya	Magalla	9.151	2,832	2,833	2,833	7.81	7.26
	Mediyawa	3.192	583	583	283	1.00	0.42
	Hulugalla	1.765	97	97	-	-	2.12
Hiriyala	Bathalagoda	5.953	3,091	3,091	3,090	17.43	14.74
	Hakwatunaoya	24.264	2,579	2,579	1,485	8.60	5.25
	Kimbulwanaoya	24.264	992	992	810	6.79	6.57
	Wenaruwewa	8.487	190	142	142	0.52	0.57
	Meddeketiya	1.833	98	98	98	0.34	0.45
	Diyathure	Anicut	231	231	231	-	-
	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	-	-	

Division	Scheme	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the sluice (MCM)	
				Maha	Yala	Maha	Yala
Galgamuwa	UsgalaSiyambalangamuwa	26.74	850	850	850	5.95	7.64
	Atharagalla	4.55	419	419	101	1.03	2.21
	Palukadawala	9.491	972	972	567	1.84	2.71
	Ambakolawewa	8.27	340	340	172	1.12	3.26
	Mahagalgamuwa	7.733	163	163	163	-	1.23
	Mahananneriya	2.345	162	162	162	-	1.48
	Mahasiyabalangamuwa	3.209	166	165	121	-	0.52
Wariyapola	Deduruoya	75.00	2,631	2,428	2,631	25.68	44.07

11.9.4 Divisional wise Allocation Distribution

Table 11-61: Divisional wise allocation distribution

Description /Vote No.	Allocation (Rs.)'000					
	DI Office	Katugampola	Nikaweratiya	Hiriyala	Galgamuwa	Wariyapola
Departmental votes						
Improvements to vehicle 282-1-1-0-2003(11)	536	-	-	-	-	-
Efficiency Bar Exams & other Programmers related to SOR 282-1-1-0-2401-(11)-1	112	-	-	-	-	-
Maintenance & Improvements to Building 282-2-2-0-2001(11)-1	-	-	610	-	-	-
O&M Gravity Works (Wages) 282-2-2-0-2001(11)-2	-	-	-	25	-	72
Improvements to Department Roads in Irrigation Scheme 282-2-2-0-2001(11)-5	-	67	-	-	-	-
Farmer Organization Development & Farm Productivity & profitability 282-2-2-0-2001(11)-8	-	34	6	-	-	-
Flood Damage Repairs & other repairs due to natural Disasters 282-2-2-0-2001(11)-09	-	285	2,549	-	-	-
Improvements to Head works of tanks for addl. Safety 282-2-2-0-2001(11)-10	4	-	1,799	-	75	-
Management Supporting Facilities 282-02-02-0-2001(11)-12	43	-	-	-	-	-

Maintenance of Department Circuits Bungalows 282-2-2-0-2001(11)-15	-	-	-	17	-	-
Repairs to plant machinery & equipment 282-2-2-0-2002(11)-1	7,711	-	-	-	-	-
Repairs to Vehicle 282-2-2-0-2003(11)	1,899	-	-	-	-	-
Calibration & water Management studies. 282-2-2-0-2507(11)-9-7	-	390	-	-	-	-
Enhance & upgrade the Engineering & Management Processes 282-2-2-0-2507(11)-10-1	195	-	-	-	-	-
Land and Legal Matters 282-2-2-0-2507(11)-10-6	34	-	-	-	54	-
O&M Gravity Works 282-02-02-1-2001(11)-2	1,481	1,685	6,014	6,407	4,037	4,502
Improvements to Water Management & Conveyance efficiency 282-2-2-1-2001(11) -3	20	1,489	-	-	-	-
Essential Rehabilitation of Major Medium Irrigation ERMMIS 282-2-2-4-2001(11)	2,259	8,779	10,196	3,819	798	3,979
Establishing River Profile in Major Rivers 282-2-2-5-2105(11)-2	-	-	-	-	-	199
Improvements to Footpath in Galgamuwa Gauging Station 282-2-2-5-2105(11)-3	-	-	-	-	65	-
Embankment protection 282-2-2-5-2105-6	-	-	-	7,484	-	-
Clean River programme 282-2-2-5-2105(11) -8	-	135	-	-	-	-
River Basin Management 282-2-2-5-2105-(11)-9	-	3,195	304	-	-	-

Augmentation of Mahagalgamuwa Tank 282-2-4-47-2105(11)	-	-	-	-	16,989	-
Ministry & Other Votes						
PEISEIP Project 198-2-3-21-2506(11)	5,000	100	5,450	-	-	-
PEISEIP Project 198-2-3-52-2506(11)	285	-	1,660	-	-	-
Rehabilitation of Major Medium Irrigation Schemes-Infrastructure 198-2-3-52-2506(11)	-	76	-	-	1,089	243
Rehabilitation of Major Medium Irrigation Schemes-Infrastructure 198-2-3-8-2506(11)	75	-	-	2,586	-	-
For the Meeoyaresidencial Engineers quarters 198-2-3-0-2001(11)	-	-	-	-	217	-
WariSaubhagya National Programme 198-2-3-52-2506(11)	225	3,741	14,624	20,934	5,195	3,162
WariSaubhagya National Programme 198-2-15-02-2506(11)	23	688	28,033	5,354	300	2,474
WariSaubgya National Programme for Rehabilitation of Rural Tank and Anicuts 198-02-15-04-2506-11	483	73	64,082	4,806	9,262	12,495

11.9.5 Projects implemented under other source of funds

a. Wari Saubagya National Programme for Rehabilitation Tanks and Anicuts



Figure 11-88: Barubekethela in Hiriyala Division



Figure 11-89: Canal lining of Yakadapotha Tank in Wariapola Division



Figure 11-90: Polkatuwewa, Katugampola Division



Figure 11-91: Bulnewa Tank, Galgamuwa Division

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

The work is carried out jointly under the Irrigation Department, Department of Agriculture, Agrarian Services Department and Irrigation Management Division. Following are the allocation distribution among the selected schemes for year 2022 for irrigation canal system improvement works and rehabilitation of small scale irrigation structures.

Table 11-62: Progress of the work carried out under PEISEIP

Division	Scheme	Allocation Rs.'000	Expenditure Rs.'000	Physical Progress %
Katugampola	Nikapitiya	100.53	100.53	100
Nikaweratiya	Mediyawa	7109.92	7108.92	100
DI Kurunegala	APIC, OFDC, ICIMC	5284.63	5284.63	100

c. Mahagalgamuwa Feeder Canal

Table 11-63: Progress of Mahagalgamuwa Feeder Canal

Division	Scheme	Allocation Rs.'000	Expenditure Rs.'000	Physical Progress
Galgamuwa	Mahagalgamuwa.	16,988.93	13,450.10	61



Figure 11-92: 13+475 km Conduit Structure

11.9.6 “Wap Haula” Program

Table 11-64: “Wap Haula” Program

Nature of the Activity	Hiriyala	Galgamuwa	Nikaweratiya	Katugampola	Wariyapola
Number of Schemes	11	3	2	6	1
1. Cultivation Meetings					
1.1 Pre Cultivation meeting	18	6	4	05	2
1.2 Cultivation Meeting	18	6	4	12	2
2. Organizational Activities					
2.1 Conducting FO Election	9	1	-	-	-
2.2 Conducting FO Annual General meeting	-	-	2	6	1
2.3 Conducting PMC Meetings	25	7	22	5	2
2.4 Preparation of FO Final Accounts	20	-	-	-	-
3. Capacity Building	-	-	-	-	-
3.1 Financial Management	-	-	1	-	-
3.2 Income Management etc....	-	-	1	-	-
4. Participatory Management	-	-	-	-	-
4.1 Shramadana for clearing canal bunds	22	10	5	10	5
4.2 Maintenance of Farm Roads	-	-	-	-	2
4.3 Maintenance of drainage canals	-	-	-	6	-
5. Awareness programme	-	-	4	-	2
5.1 Home gardening	-	-	-	-	-
5.2 OFC Cultivation	-	-	-	-	-
6. Other Activities	-	-	-	-	-

11.9.7 Staff position

Table 11-65: Staff position of the region

Designation	Director of Irrigation Office		Divisional Irrigation Office									
			Nikaweratiya		Hiriyala		Galgamuwa		Katugampola		Wariyapola	
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1	-	-	-	-	-	-	-	-	-	-
Chief Engineer	1	1	-	-	-	-	-	-	-	-	-	-
Irrigation Engineer (Civil)	4	4	1	1	1	1	1	1	1	1	1	1
Engineer (ER)	0	1	-	-	-	-	-	-	-	-	-	-
Accountant	1	1	-	-	-	-	-	-	-	-	-	-
Administrative Officer	1	1	-	-	-	-	-	-	-	-	-	-
Senior work supervisor	1	0	-	-	-	-	-	-	-	-	-	-
Drawing Officer Assistant	1	1	-	-	-	-	-	-	-	-	-	-
Divisional Assistant	-	-	1	1	1	1	1	1	1	1	1	1
Engineering Assistant	-	-	9	9	8	5	7	7	6	6	10	8
Institutional Development Officer	1	0	-	-	-	-	-	-	-	-	-	-
Draughtsman	5	3	3	2	3	2	3	0	3	3	3	2
Development officer	1	8	5	5	5	6	3	4	2	3	0	7
Management Assistant	14	19	5	6	6	6	5	3	5	6	5	3
Store Keeper	-	-	1	1	1	1	1	1	1	1	1	1
Technical Service	-	-	7	8	8	6	7	7	5	5	8	9
Driver	4	4	3	2	3	2	3	4	3	3	3	6
KKS	3	3	1	1	1	1	1	1	1	1	1	2
Circuit Bungalow Keeper	1	0	-	-	0	1	-	-	-	-	-	-

Plan Printer Helper	1	1	-	-	-	-	-	-	-	-	-	-
Tractor Operator	5	0	-	-	-	-	-	-	-	-	0	1
Store Keeper Assistant			1	1	1	1	1		1	1	1	1
Mason	1	0	-	-	0	1	-	-	-	-	-	-
Electrician	-	-	-	-	-	-	-	-	-	-	0	1
Greaser	2	0	-	3	-	-	-	-	-	-	0	1
Lorry Assistant	2	0	-	-	-	-	-	-	-	-	-	-
Carpenter	1	0	-	1	-	-	-	-	-	-	-	-
Operator	13	0	-	2	-	1	0	3	-	-	0	2
O & M Labour			9	2			9		9		10	1
Maintenance Labour	-	-	-	6	9	1	-	1	-	3	-	1
Field Watcher	1	0	1	1	1	0	1	1	1	0	1	-
Labour	0	2	-	9	0	14	0	18	-	4	0	32

11.10 Mannar Region

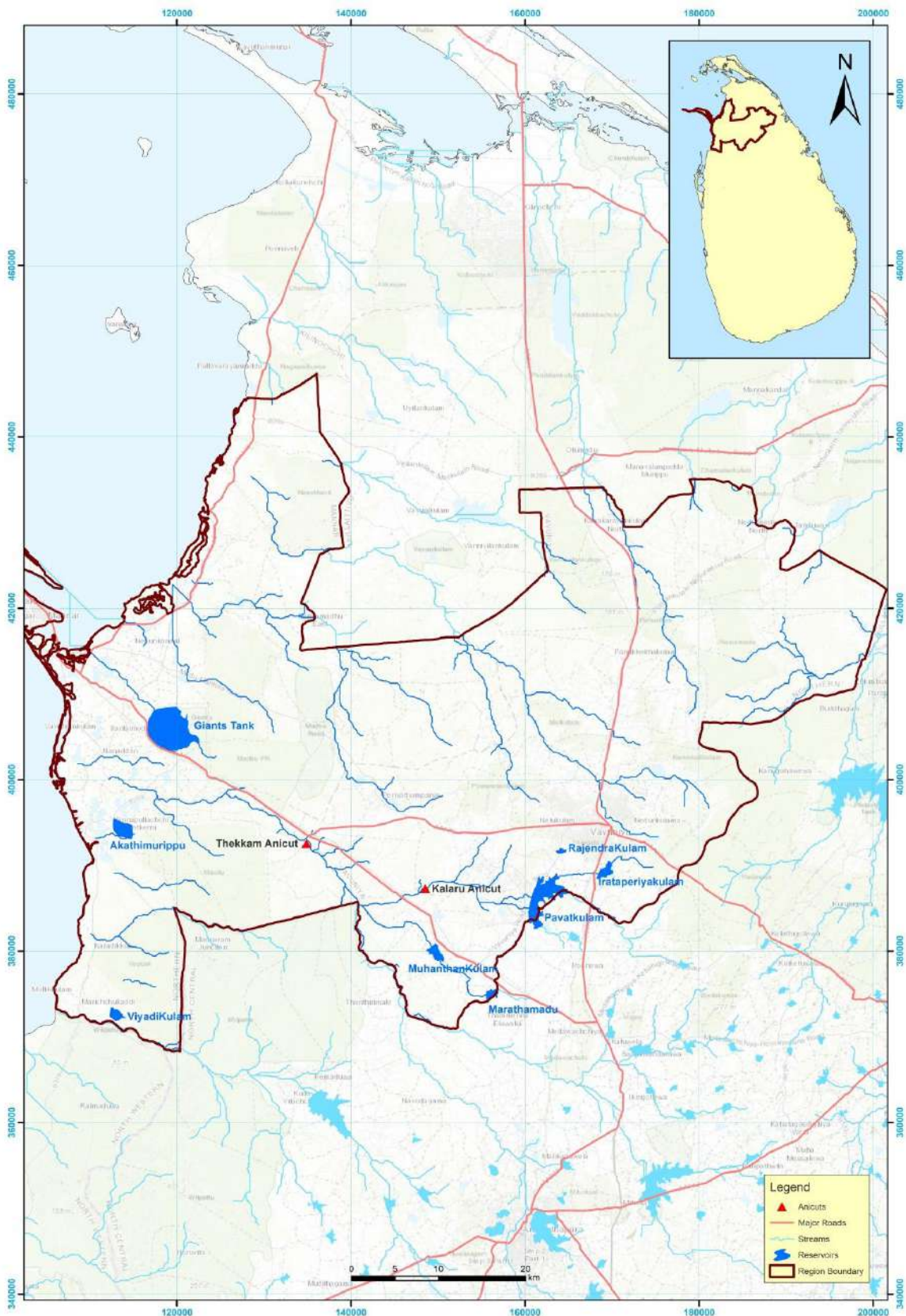


Figure 11-93: Scheme Map of Mannar Region

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 Region

- Murunkan Division
- Silawathurai Division
- Vavuniya Division

11.10.3 The Details of the Irrigation Schemes under the Region

Table 11-66: Details of the Irrigation schemes under the region

Division	Schemes	Capacity at FSL (MCM)	Extent (ha)	Cultivated Extent (ha)		Total Water usage (Main sluice issue) (MCM)	
				Maha	Yala	Maha	Yala
Murunkan	Giants Tank	38.00	12683	12747	910	87.97	35.31
Vavuniya	Pavatkulam	33.21	1673	1673	890	13.71	14.53
	Muhathankulam	2.95	342	342	93	1.73	0.54
	Irataperiyakulam	4.35	249	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	2570	2570	-	11.90	-
	Viyadikulam	3.04	628	994	501	14.18	9.78

11.10.4 Major works done during the year 2022

a. Potable water supply project in Jaffna peninsula (282-2-3-29-2105)

This project is basically a rain water harvesting project in a massive scale. It is formed to collect rainwater 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 the required amount and distribute it. The total estimated cost of the project is 13,300 million and the total expenditure for 2021 is Rs. 4.61 Mn and the cumulative expenditure up to 2021 is Rs. 20.97 Mn.

Due to many land problems, in construction area and borrow areas which comes under Forest department, cause to stop still condition of the project, with support of many construction difficulties.

b. Other major work done in Mannar region



Figure 11-94: Thapasweliya



Figure 11-95: Pavatkulam



Figure 11-96: Awaranthulawa



Figure 11-97: Vilaththikulam

11.10.5 Divisional wise Allocation Distribution

Table 11-67: Divisional wise allocation distribution

Description /Vote No.	Allocation (Rs. '000)				
	Vavuniya	Murunkan	Silawathurai	DI's Office	PD's Office
O & M Gravity Works 282-2-2-1-2001(11)-2	5,231	13,044	6,250	1,086	-
Establishment & Improvements of Unit Office 282-2-2-1-2001(11)-1	-	1,886	-	84.61	-
Essentials Improvements Rehabilitation of Major Medium Irrigation Schemes. 282-02-02-04-2001(11)-1	12,336	5,415	16,772	546	-
Essentials Improvements Rehabilitation of Major Medium Irrigation Schemes. 282-02-02-04-2001(11)-2	-	149	-	-	-
O&M Wages 282-2-2-0-2001(11)-2	-	24.7	-	-	-
Improvements to Water Management & Conveyance Efficiency 282-2-2-1-2001(11)-3	1,000	-	-	-	-
Flood Damage Repairs & other repairs due to natural disasters 282-2-2-0-2001(11)-9	421	420	-	-	-
Est. of New Hydrological Gauging Station in Major Rivers 282-2-2-5-2105(11)-3			1291		-
Maintenance of Department Circuit 282-2-2-0-2001-(11)-18)	19.9	-	-	-	-
Jaffna Portable Water Supply Project 282-02-03-29-2105					95
Ministry & Other Votes					
RMMIS - Infrastructure Development 118-02-13-8-2506	-	-	3,669	-	-
PEISEIP Project 118-02-13-21-2506	15,039	-	2,457	-	-

11.10.6 Projects Implemented Under Other Source of Funds

a. PEISIEP

This is a pivotal rehabilitation project, concerning the productivity and efficiency of schemes. Under this project, following activities will be implemented.

Total Allocation for year 2022 - Rs. 17.496 Mn

Total Expenditure for year 2022 - Rs. 17.496 Mn

Table 11-68: Progress of work done under PEISIEP

Division	Scheme	Allocation in 2022 (Rs. '000)	Cum. Expenditure (Rs. '000)	Physical Progress
Vavuniya	Pavatkulam	13,601	13,601	100 %
	Muhthankulam	1,438	1,438	-
	Irataiperiyakulam	-	-	-
Silawathurai	Akaththimurippu	1,990	1,990	100 %
	Viyadikulam	467	467	100 %
Total		17,496	17,496	

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

Under this programme 55 numbers of tanks are selected as of now for the rehabilitation in Mannar and Vavuniya districts under Irrigation Department. Total estimated cost of the work is Rs. 353.85 Mn and the expenditure during year 2022 was Rs. 62.06 Mn.

c. IWWRMP

This project is to improve watershed and water resource planning and enhance the functionality of water resource infrastructure. Functionality refers to improved safety of dams and improved water distribution networks of irrigation.

Table 11-69: Details of IWWRMP

Projects	Approved Amount / TEC (Mn)	Present Status
Improvements to Muhathankulam main canal from 0+000 to 4+400	230.69	Under procurement Process
Improvements to Akathimurippu tank bund from 0+000 to 6+450	536.37	Under procurement Process

11.10.7 “Wap Haula” Program

Table 11-70: “Wap Haula” Program

	Nature of the Activity	Division	Murunkan	Silawathurai	Vavuniya
	Number of Schemes		00	02	06
1.0	Cultivation Meetings				
1.1	Pre-Cultivation Meetings	-		04	12
1.2	Cultivation Meeting	-		04	12
2.0	Organizational Activities				
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
3.0	Capacity Building				
3.1	Financial Management	-	-		-
3.2	Income Management	-	-		-
4.0	Participatory Management				
4.1	Shramadana for clearing canal bunds	-		04	12
4.2	Maintance of Farm Roads	-	-		12
4.3	Maintance of Drainage Canals	-		06	12
5.0	Awarness Programms				
5.1	Home Gardening	-	-		-
5.2	OFC Cultivation	-		55 Acres	-
6.0	Other Activities				
6.1	Deva Puja, Pirith etc.	-	-		06

11.10.8 Staff Position

Table 11-71: Staff position of the region

No	Designation	Director of Irrigation Office		Divisional Irrigation Engineer's Office						Total	
				Vavuniya		Murunkan		Silawathurai			
		Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
01	Director of Irrigation	1	1	-	-	-	-	-	-	1	1
02	Chief Engineer	1	0	-	-	-	-	-	-	1	-
03	Divisional Irrigation Engineer	-	-	1	1	1	1	1	1	3	3
04	Irrigation Engineer	3	3	-	-	-	-	-	-	3	3
05	ER Engineer	1	0	-	-	-	-	-	-	1	-
06	Accountant	1	1	-	-	-	-	-	-	1	1
07	Administrative Officer-Acting	1	1	-	-	-	-	-	-	1	1
08	Drawing Officer Assistant	1	-	-	-	-	-	-	-	1	-

09	Institutional Development Officer	1	1	-	-	-	-	-	-	1	1
10	Development Officer	4	6	2	2	2	7	2	6	10	21
11	Divisional Assistant	-	-	1	1	1	1	1	1	3	3
12	Engineering Assistant	-	-	6	5	9	5	6	3	21	13
13	Technical Aide	-	-	10	8	20	10	10	5	40	23
14	Draughtsman	4	2	3	1	3	1	3	1	13	5
15	Civil Engineering Materials Surveyor	1	-	-	-	-	1	-	-	1	1
16	Chief Management Service Officer	2	1	1	1	1	1	1	1	5	4
17	Management Service Officer	12	2	6	2	6	1	6	-	30	5
18	Store Keeper	1	-	1	1	1	1	1	1	4	3
19	Store Keeper Assistant	1	-	1	-	1	-	1	-	3	-
20	Design Printer Helper	1	1	-	-	-	-	-	-	1	1
21	Clerk (Labor)	-	2	-	2	-	1	-	-	-	5
22	T.S. (Labor)	-	-	-	2	-	6	-	1	-	9
23	Maintenanace Labour	-	-	8	6	10	3	2	-	20	9
24	Driver	4	-	5	-	5	-	5	2	19	2
25	Driver (Labor)	-	2	-	1	-	4	-	-	-	7
26	Relief Driver (ML)	-	-	-	-	-	1	-	-	-	1
27	Labor	3	1	18	5	65	25	20	6	103	37
28	Watcher	2	-	2	-	2	-	2	-	8	-
29	Field Watcher	-	-	-	1	-	-	-	1	-	2
30	Tractor Operator	-	-	2	2	4	-	2	1	8	3
31	Lorry Assistant	-	-	-	-	-	-	-	1	-	1
32	K.K.S	4	2	2	1	2	-	2	-	10	3
33	Carpenter	-	-	1	1	1	-	1	-	3	1
34	Irrigator	-	-	-	1	-	-	-	-	-	1
35	Engineering Assistant – Trainee	-	-	-	1	-	1	-	-	-	2
36	CB Keeper	-	-	1	1	1	-	-	-	2	1

11.11 Monaragala Region

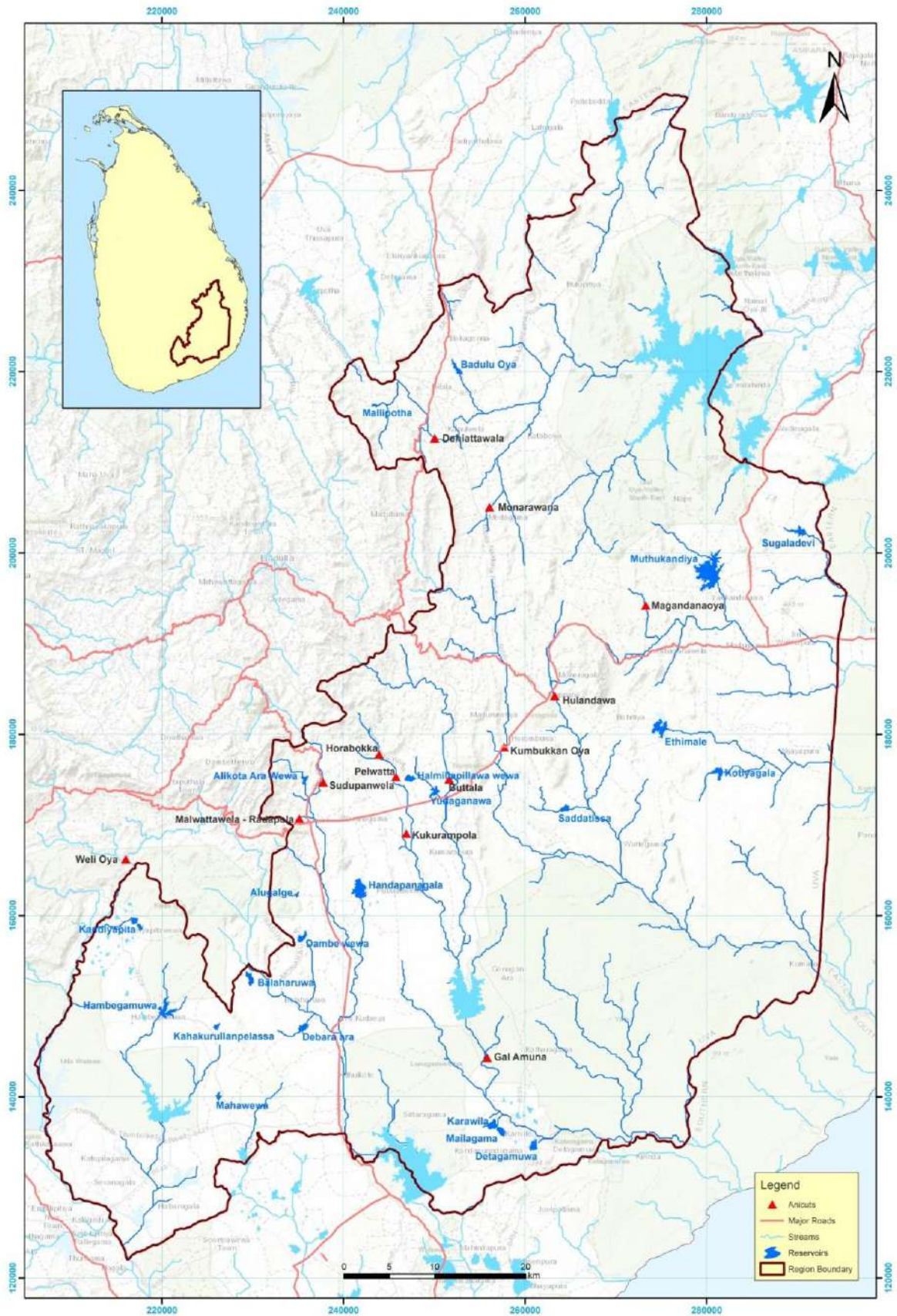


Figure 11-98: Scheme Map of Monaragala Region

11.11.1 Introduction

Monaragala District is the second-largest district in the country. There are 21 numbers of major and medium reservoirs and 13 numbers 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
- Welioya Division

11.11.3 Details of the Irrigation Schemes under the Region

Table 11-72: The details of the Irrigation schemes under the region

Division	Schemes	Full Capacity (MCM)	Irrigable Extent (ha)	Cultivated Extent (ha)		Total Water usage (Main sluice issue) (MCM)	
				Maha	Yala	Maha	Yala
Monaragala	Buttala	Anicut	811	811	811	6.94	12.3
	Ethimale	6.8	406	406	406	4.95	2.32
	Hulandawa LB	Anicut	91	91	70	0.78	0.43
	Kotiyagala	2.6	182	182	0	2.22	0
	Kumbukkan Oya	Anicut	850	850	432	10.37	8.47
	Muthukandiya	30.3	810	771	558	9.41	11.92
	Saddathissa	1.4	171	0	87	0	1.59
	Yudaganawa	1.0	184	183	90	2.24	1.38
	Sugaladewi	2.9	182	72	72	0.88	1.32
Wellawaya	Alugalge	0.7	63	63	0	0.58	0.96
	Balaharuwa	1.08	178	178	178	1.63	2.72
	Dambe Wewa	1.4	132	131	69	1.2	1.05
	Debara Ara	1.2	85	85	85	0.78	1.3
	Gal Amuna	Anicut	320	Cultivated by the Agrarian department			
	Halmillapillewa	2.5	85	85	85	0.78	1.3
	Horabokka	Anicut	142	142	121	1.3	1.85
	Karawila,	0.42	85	76	76	0.69	1.15
	Mailagama,	0.43	105	105	105	0.96	1.6
	Detagamuwa	0.88	66	65	65	0.59	0.99
	Kukkurampola	Anicut	223	223	223	2.04	3.4
	Pelwatta	Anicut	172	172	172	1.57	2.62
	Radapola	Anicut	98	98	98	0.89	1.59
	Sudupanawela	Anicut	156	156	156	1.43	2.38
Handapanagala (Under Uma Oya)	18.5 (After the renovation)	1,538	688	688	10.9	16.37	

Weli Oya	Hambegamuwa	5.1	238	238	238	4.14	4.63
	Kahakurullan pellessa	0.4	101	34	0	0.6	0
	Maha we	0.8	81	81	32	0.86	0.514
	Kandiyapita	1.4	165	164	164	2.1	2.66
	Weli Oya (New) Irrigable Area	Anicut	587	587	0	26.26	37.06
Bibila	Badulu Oya	2.7	214	214	142	0.48	2.16
	Dehiattawela	Anicut	300	299	154	2.74	2.34
	Magandana Oya	Anicut	81	32	32	0.37	0.49
	Monarawana	Anicut	93	40	12	0.48	0.19

11.11.4 Major work done during the year

a. Lower Uva Minor Irrigation Rehabilitation Project (LUMP)

Development of water resources in the upper zone of Kirindi Oya was discouraged during the last few decades owing to the water shortage experienced in the Lunugamvehera reservoir. When the augmentation of the Lunugamvehera was proposed by diverting water from Manik Ganga, the farmer community in the Monaragala district made a strong request that long outstanding water resources development issues in the Lower Uva also be considered in parallel to the Manik Ganga diversion works. A memorandum of understanding was signed between Irrigation Department and District Secretary (Monaragala) to carry out identified irrigation works.

The tentative allocation for the project was Rs. 1250 million. Total expenditure up to the end of 2022 was Rs. 701 Mn and 25 nos of items were already completed and physical progress is 88%.

Total allocation for the year 2022 - 127.943 Mn

Expenditure during the year 2022 - 59.99 Mn



Figure 11-99: Debara Ara Feeder Canal

b. Wellassa Nawodaya Project

Wellassa Nawodaya project is formulated to uplift the living standard of farmers in the district by improving agricultural productivity. The increasing of the cropping intensity by construction and

rehabilitation of Medium and Minor irrigation systems and infrastructure facilities in Monaragala district is the main task, Initially, the project was started as Accelerated Irrigation Development Project in Monaragala Region 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 Nawodaya.

Under that project mainly minor tank schemes, anicut schemes, farm ponds as recharge wells, access roads, and canal systems were rehabilitated.

Total Allocation for the year 2022 - Rs. 187.18 Mn

Total Expenditure for the year 2022 - Rs. 141.33 Mn

Table 11-73: The financial progress of some items under Wellassa Navodaya

Description of Work	Allocation (Rs.)	Expenditure (Rs.)	Liability (Rs.)
Improvements to the tank bund of Mahapelessa	3,780,496.00	1,511,372.00	1,894,537.00
Construction of earthen canal from Weli Oya m/c to Eleke tank	14,967,084.67	8,452,419.94	
Rehabilitation of Pailegama tank	35,114,770.54	26,020,708.85	112,000.00
Rehabilitation of Moragolla tank	16,458,708.77	14,463,168.46	200,000.00
Rehabilitation of Uraula tank	31,981,760.59	26,913,790.31	1,157,336.00
Improvements to Dewliya tank	4,851,461.00	2,522,059.31	
Improvements & Modification of Detagamuwa tank in Katharagama scheme	46,071,141.12	36,894,074.81	11,173,292.37
Clearing works of rain water ponds in dry farm Muthukandiya	4,820,601.78	2,809,847.00	
Improvements to tank bund road in Muthukandiya scheme	4,243,600.00	2,620,875.00	
Earth filling & Gravelling tank bund of Saddathissa	2,236,991.64	1,406,815.82	
Improvements of M/C bund road from stn 0+000 to 1+890 in Yudaganawa	2,280,495.00	1,478,895.00	

11.11.5 Divisional Wise Allocation Distribution

Table 11-74: Divisional wise allocation distribution

Description /Vote No	Allocation (Rs.'000)				
	Monaragala	Wellawaya	Bibile	Welioya	DI's Office
Departmental Votes					
Maintenance & Improvements to Buildings 282-2-2-0-2001 (11) -1	447	-	-	7,812	-
Maintenance of Departmental Roads 282-2-2-0-2001 (11) -5	-	-	-	100	-
Flood Damage repairs and other Repair due to Natural Disasters 282-2-2-0-2001 (11) -9	94	32	193	220	-
O & M Gravity works wages 282-2-2-0-2002 (11) -2	83	25	8	17	-
Farmer Organization Development and Farm Productivity & Profitability 282-2-2-0-2001 (11) -8	-	-	-	400	-
Maintenance of Department circuit bungalow 282-2-2-0-2001 (11) -15	-	17	-	-	-
Improvements to Feeder canal 282-2-2-0-2001 (11) -19	45	-	-	-	-
Surveying & Investigation in Existing scheme 282-2-2-0-2507(11) -008-3	17	-	-	-	-
Feasibility Studies for Major, Medium Irrigation Projects and surveys / soil / Geo Technical Investigations 282-2-2-0-2507 (11) -008-1	85	-	-	-	-
Land and Legal Matters 282-2-2-0-2507 (11) – 11	354	-	-	-	-
Repairs to Vehicles 282-2-2-0-2003	2,402	-	-	-	-
Repairs to plant machinery and equipment 282-2-2-0-2002	-	-	4,500	-	-
Establishment & Improvements of Unit Offices 282-2-2-1-2001 (11) -1	115	-	-	-	-
O & M Gravity works 282-2-2-1-2001 (11) -2	9,096	10,262	2,320	6,095	440
Essential Rehabilitation Major Medium Irrigation schemes 282-2-2-5-2105 (11) -9	15,851	12,771	14,771	21,927	15,851
Clean River Program 282-2-2-5-2105 (11) -8		195			
River Basin Management 282-2-2-5-2105(11)- 9		1,391			

11.11.6 Projects Implemented under other Source of Funds

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

The project was completed in 2022 and division wise details are summarized as follows.

Table 11-75: Divisional wise details

Division	Allocation (Rs. Mn)			Expenditure (Rs. Mn)	Physical Progress
	OFDC	APIC	ICIMC		
Bibile	-	0.098	-	0.098	100%
Monaragala	1.313	1.678	0.213	2.262	100%
Wellawaya	-	0.2945	1.687	0.529	100%
Welioya	-	4.907	0.855	1.0772	100%
Total	1.313	6.9865	2.755	3.9662	

b. Wari Saubhagya project

Table 11-76: Progress of work under Wari Saubhagya project

No	Division	Total Allocation	Total Expenditure	Liabilities	Physical Progress
1	Monaragala	24,413,902.56	7,104,909.26	-	100%
2	Bibile	8,882,952.53	5,679,601.22	-	100%
3	Welioya	32,897,438.58	19,553,854.29	-	100%
4	Wallawaya	34,242,910.23	17,991,937.28	7,143.32	53%
	Total	100,437,203.90	60,330,302.05	87143.32	100%

11.11.7 “Wap Haula” Progarmme

Table 11-77: “Wap Haula” Progarmme

Division Nature of the Activity	Moneragala	Wellawaya	Bibile	Weli Oya
	8	15	4	05
Number of schemes	16	32	8	13
1.1 Pre-Cultivation Meeting	16	32	8	13
1.2 Cultivation Meeting	10	18	2	06
Organizational Activities				
2.1 Conducting FO Election	-	-	-	-
2.2 Conducting FO Annual General meetings	-	-	-	-
2.3 Conducting PMC meetings	26	32	16	16
2.4 Preparation of FO final Accounts	-	-	-	-
Capacity building				
3.1 Financial Management	-	-	-	-
3.2 Income Management etc.	-	-	-	-
Participatory Management				
4.1 Shramadana for clearing canal bunds	18	26	8	15
4.2 Maintenance of Farm Roads	-	-	-	-
4.4 Maintenance of Drainage canals	-	-	-	-
Awareness Program				
5.1 Home gardening	-	-	-	-
5.2 OFC Cultivation	-	2	-	3
Other Activities				
6.2 Deva Puja, Pirith etc.	3	4	2	5



Figure 11-100: “Wap Haula” programme

11.11.8 Staff Position

Table 11-78: Staff position of the region

Designation	Director of Irrigation Office		Divisional Irrigation Office								Kumbukkan oya project	
			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	-	-	-	-	-	-	-	-	-	-
Irrigation Engineer	4	1	1	1	1	1	1	1	1	1	-	-
Mechanical Engineer	-	-	-	-	-	-	-	-	-	-	-	1
CEMS	1	-	-	-	-	-	-	-	-	-	-	-
Accountant	1	1	-	-	-	-	-	-	-	-	-	-
Administrative Officer	1	1	-	-	-	-	-	-	-	-	-	-
Drawing Office Assistant	1	-	-	-	-	-	-	-	-	-	-	-
Divisional Assistant	-	-	1	1	1	1	1	-	1	-	-	-
Engineering Assistant	-	-	9	5	9	6	8	4	8	5	-	6
Institute Development Officer	1	1	-	-	-	-	-	-	-	-	-	-
Development Officer	1	1	4	5	5	6	2	2	2	2	-	-
Draughtsman	4	1	3	1	3	1	3	1	3	1	-	-
Management service officer	14	12	5	4	5	5	5	3	5	4	-	1
Aquatic science field assistant	-	-	-	2	-	-	-	-	-	-	-	-
Technical Assistant (Civil)	-	-	6	8	6	9	6	1	6	7	-	7
Plan Printer	1	1	-	-	-	1	-	-	-	-	-	-
Store Keeper	-	-	1	-	1	1	-	-	1	1	-	1

Designation	Director of Irrigation Office		Divisional Irrigation Office								Kumbukkan oya project	
			Monaragala		Wellawaya		Welioya		Bibile			
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Store Helper	-	-	1	1	1	2	-	1	1	2	-	-
Driver	4	4	3	6	3	3	3	1	3	3	-	-
Operator	7	-	-	-	-	-	-	-	-	-	-	-
Tractor Operator	5	-	2	2	-	4	-	1	-	4	-	-
Labourer	-	1	7	10	7	9	7	12	-	7	-	1
Maintenance & operation	-	-	7	5	-	2	-	-	7	2		
Mason	1	-	-	-	-	-	-	-	-	-	-	-
Carpenter	1	1	-	-	-	-	-	-	-	-	-	-
Cleaner	-	-	-	1	-	-	-	-	-	-	-	-
K.K.S	2	5	2	2	2	3	-	-	2	1	-	-
Grasser	-	-	-	1	-	1	-	-	-	-	-	-
Watcher	1	-	-	-	1	-	-	-	-	-	-	-
Lorry Assistant	-	-	-	-	-	-	1	-	-	1	-	-
Circuit Bungalow Keeper	-	-	1	-	-	-	-	-	-	-	-	-
Field Watcher	1	-	1	1	-	-	-	1	1	-	-	-
Relief Driver	-	-	-	-	-	-	1	-	-	-	-	-
Hydraulic Field Assistant	-	-	-	2	-	-	-	-	-	-	-	-

11.12 Polonnaruwa Region

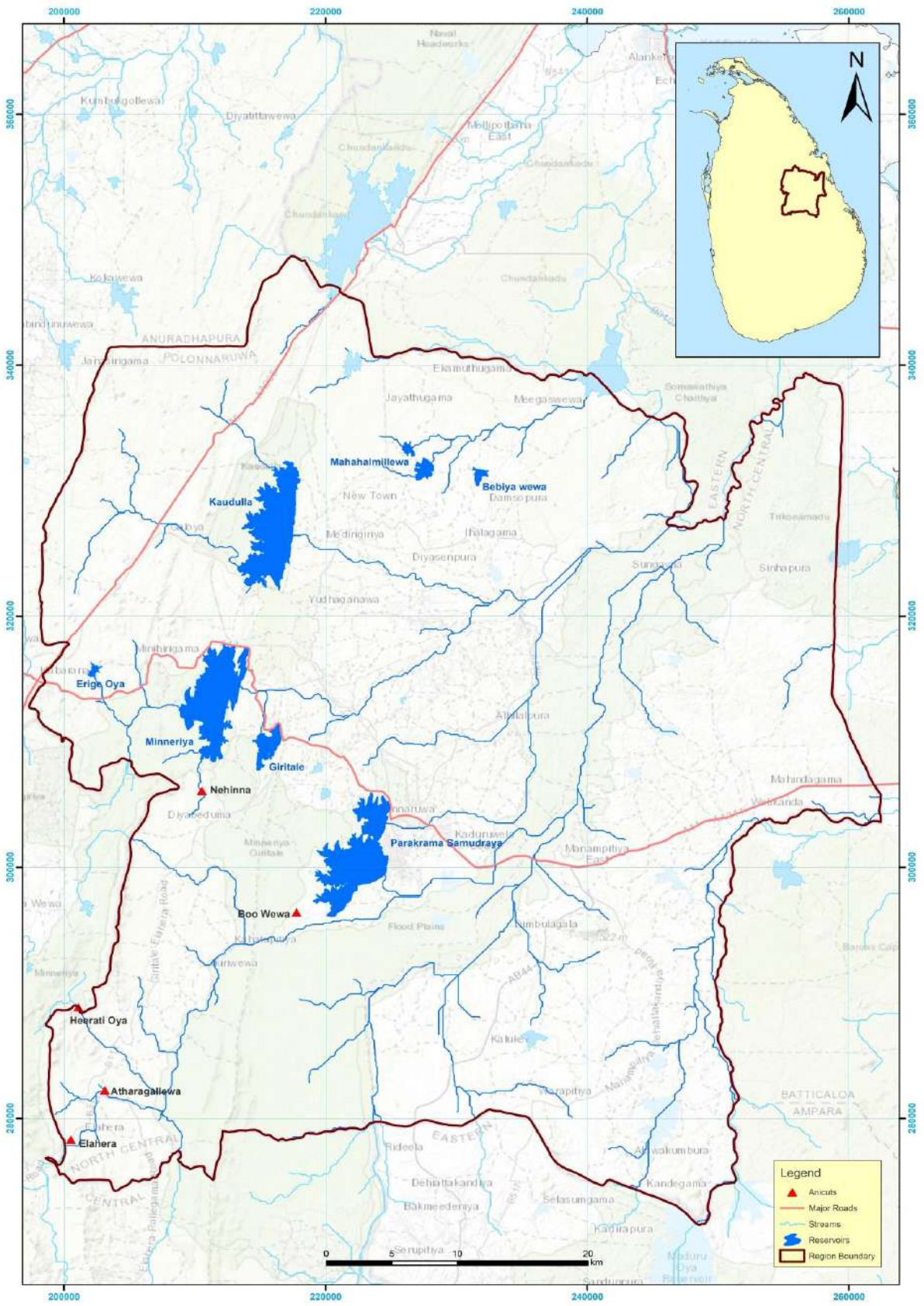


Figure 11-101: Scheme Map of Polonnaruwa Region

11.12.1 Introduction

Office of the Director of Irrigation – Polonnaruwa Region 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.

11.12.2 Divisions come under the Region

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

11.12.3 Details of the Irrigation Schemes under the Region

Table 11-79: 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	143.15	10,204	10,121	10,121	100.15	142.72
	Boo Wewa	Anicut Scheme	95.14	95	95	N/A	N/A
Minneriya	Minneriya	135.74	10,040	9,099	9,099	57.72	90.61
	Giritale	26.77	3,108	3,077	3,077	44.96	49.33
	Erige Oya	1.29	107	106	-	N/A	N/A
Kaudulla	Kaudulla	128.33	4,898	4,274	4,274	29.01	58.44
	BebiyaWewa	1.16	95	94		N/A	N/A
	MahahalmillaWewa	1.14	157	142		N/A	N/A
Elahara	System ‘G’	Anicut Scheme	6,700	6,700	Paddy – 6,069 OFC- 631	18.73	89.46
	Atharagllewa	Anicut Scheme	242.9	243	Paddy – 161.9 OFC- 81	N/A	N/A
	Heeratioya	Anicut Scheme	89	86	86	N/A	N/A
	Nehinna	Anicut Scheme	330	330	330	N/A	N/A

11.12.4 Divisional Wise Allocation Distribution

Table 11-80 : Divisional wise Allocation Distribution

Description / Vote No.	Allocation (Rs.'000)			
	Polonnaruwa	Minneriya	Kaudulla	Elahera
Departmental Votes				
Operation & Maintenance of Gravity Irrigation Works (Wages) 282-2-2-0-2001-2	25			32
FOD & FP & PI 282-2-2-0-2001-11-8			18	
Maintenance of Department circuits 282-2-2-0-2001-15	41	40		
Remedial Measure to safeguard crop during emergency 282-2-2-0-2001-13				100
Improvements to water Management and conveyance efficiency 282-2-2-1-2001-3			240	
Establishment & Improvement of Unit Offices 282-2-2-1-2001-1				498
O & M Gravity Works 282-2-2-1-2001-2	13,211	13,401	7,550	11,249
Polonnaruwa District Irrigation Development Project 282-2-3-21-2105	8,281	3,387	20,857	13,630
ERMMS 282-2-2-4-2001	13,116	4,876	7,145	3,358
Establishment of New Hydrological Gauging Station in Major Rivers 282-2-2-5-2105-3	1,344			
Embankment Protection 282-2-2-5-2105-6		860		
River Basin Management 282-2-2-5-2105-9	2,894	10,790	1,282	
Ministry & Other Votes				
RMMIS 198-2-3-8-2506				62
RMMIS 198-2-3-52-2506	1,344	2,523		1,178
RMMIS- Canal for Bebiyawewa tank to Meegaswewa tank 198-2-3-52-2506			4,984	
Gamasamaga Pilisandarak-Pekkulama Tank (Pekkulama Tank) 198-2-3-9-2507			1,737	
Gamasamaga Pilisandarak-Kumara Ella anicut 198-2-3-52-2506				6,215
Gamasamaga Pilisandarak 198-2-3-52-2506		17,415	16,532	
PEISEIP 198-2-3-21-2506			2,800	115
PEISEIP 198-2-3-52-2506				194

11.12.5 Projects implemented under other source of funds

a. Polonnaruwa Irrigation Development Project

This Project was approved by cabinet (cabinet paper No: MIWRM/IRR/DEV/13/01-CB) with the objective of flood mitigation and improving 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. 77 million was allocated for year 2022 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 11-81: Main components of the project

No.	Main Activity	Allocation Rs. Mn	Expenditure Rs. Mn	Physical Progress (%)
1	Rehabilitation and Improvements of in Parakrama Samudraya scheme	8.281	8.281	100%
2	Rehabilitation and Improvements in Minneriya & Girithale scheme	3.387	3.387	100%
3	Rehabilitation and Improvements in Kaudulla scheme	20.856	20.856	100%
4	Rehabilitation and Improvements in System 'G' & Nehinna scheme	13.63	13.63	100%

b. Gama Samaga Pilisandarak Project

Under the Gama Samaga Pilisandark project Rs. 118 Mn. was allocated and the expenditure was Rs.77 Mn. with Rs. 36 Mn. liabilities

Table 11-82: Progress of the Gama Samaga Pilisandarak Project

No.	Main Activity	Allocation Rs. Mn	Expenditure Rs. Mn	Physical Progress (%)
1	Construction of feeder canal from Girithale tank to Kiritipitiya Tank and agricultural roads in Madirigiriya area	35.185	35.185	100%
2	Construction of Kumara Ela Anicut	6.216	6.216	100%



Figure 11-102: Construction of flood bund along Ambagaswewa spill tail canal from 2+790 to 3+900



Figure 11-103: Improvements in D1 canal bundroad from stn. 0+000 to 4+100 in tract 08 Samagi DCO

c. Wari Saubhagya National Programme

Under the Wari Saubhagya National Programme for Polonnaruwa district in 2022 continuation works were carried out and liabilities were settled. Total allocation was 84.9 Mn. Expenditure was Rs. 53 Mn. with liabilities Rs.3.84 Mn.



Figure 11-104: Improvements Nawashakthi Anicut & canal system

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

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

Table 11-83: Progress of work under PEISEIP

Division	Scheme	Allocation Rs.'000	Expenditure Rs.'000	Physical Progress
Kaudulla	Ambagas Wewa	115	115	100%
	Bebiya Wewa	2,684	2,684	100%
	Heerati Oya	309	309	100%

11.12.6 “Wap Haula” Programme

Table 11-84: “Wap Haula” programme

Name of the Activity	Polonnaruwa	Minneriya	Kaudulla	Elahera		
	Boowewa	Erigeoya	Babiya wewa	Attaragall ewa	Heerati Oya	Nehinna
1. Cultivation Meetings						
1.1 Pre cultivation Meeting	2	2	2	2	2	2
1.2 Cultivation meeting	2	2	1	2	2	2
2. Organizational Activities	-	-		-		
2.1 Conducting FO Election	-	-	2	-	2	5
2.2 Conducting FO Annual General Meetings	-	1	1	1	1	6
2.3 Conducting PMC Meetings	-	04	-	2	3	1
2.4 Preparation of FO Final Accounts	Yes	Yes	Yes	Yes	Yes	Yes
3. Participatory Management	-	-		-		-
3.1 Shramadana for cleaning canal bunds	-	2	1	-	1	1
3.2 Maintenance of Farm roads	-	-	-	-	1	-
4. Awareness Programmes	-	-	-	-		-
4.1 Home gardening	-	-	-			-
4.2 OFC Cultivation – chilli	-	1	0.25 ac	1 ac	1 ac	-
5. Other Activities	-	-	-			-
5.1 Devi Puja	-	02	-	1	1	1
6. Crops -Rich Gourd & Bitter Gourd, Brinjal	-	-	0.75 ac	-		-
7. Dragon Fruit Cultivation			0.25 ac	-		-

11.12.7 Drinking water extraction

Table 11-85: Drinking water extraction

Water supply scheme	Reservoir/Location	Extracted Amount	
		m ³ Per Day	Annual MCM
NWSDB of Polonnaruwa	D2 main canal Parakrama Samudraya	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 Photographs of work done in year 2022



Figure 11-105: Renovation to Diyabeduma unit office in Elahera division



Figure 11-106: Providing Recreation facilities around the Angamidilla anicut area Polonnaruwa Division



Figure 11-107: Construction of new canal for Bebiyawewa Tank to Meegas wewa tank from stn.0+000 to stn. 1+560



Figure 11-108: construction of new canal for Bebiyawewa Tank to Meegas wewa tank from stn.0+000 to stn. 1+560

11.12.9 Staff Position

Table 11-86: Staff Position of the Region – 2022

SI. No	Designation	Director of Irrigation's Office		Divisional Irrigation Office - Polonnaruwa		Divisional Irrigation Office - Minneriya		Divisional Irrigation Office - Kaudulla		Divisional Irrigation Office - Elahera		Unit Work Shop - Minneriya	
		Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
1	Director of Irrigation	01	01	-	-	-	-	-	-	-	-	-	-
2	Chief Engineer	01	01	-	-	-	-	-	-	-	-	-	-
3	Senior Engineer	-	01	-	-	-	-	-	-	-	-	-	-
4	Divisional Irrigation Engineer	-	-	02	01	02	01	02	01	01	01	-	-
5	Engineer	04	02	-	-	-	-	-	-	-	-	-	-
6	Mechanical Engineer	-	-	-	-	-	-	-	-	-	-	01	01
7	Accountant	01	01 *	-	-	-	-	-	-	-	-	-	-
8	Administrative Officer	01	01	-	-	-	-	-	-	-	-	-	-
9	Drawing Office Assistant	01	01	-	-	-	-	-	-	-	-	-	-
10	CEMS	01	-	-	-	-	-	-	-	-	-	-	-
11	Divisional Assistant	-	-	01	01	01	01	01	01	01	01	-	-
12	Engineering Assistant	-	-	12	08	10	06	08	06	08	06	-	--
13	Development Officer	05	04	02	03	02	06	02	-	02	03	-	-
14	Draughtsman	05	03	03	02	03	-	03	01	03	01	-	-
15	Public Management Assistant	15	14	05	06	05	05	05	04	05	04	01	01
16	Technical Aied (Civil)	-	-	12	08	08	03	08	04	08	06	-	-

17	Plan Printer	01	01	-	-	-	-	-	-	-	-	-	-
18	Store Keeper	-	-	01	01	01	01	01	01	01	01	01	01
19	Store Helper	-	-	01	-	01	-	01	01	01	01	01	01
20	Driver	04	02	03	03	03	04	03	03	03	01	01	01
21	Operator	07	-	-	01	-	-	-	02	-	-	-	01
22	Tractor Operator	07	-	01	01	01	01	-	-	-	01	-	01
23	O & M labor	-	-	31	11	22	15	22	09	22	11	-	-
24	Mason	01	-	-	01	-	-	-	-	-	-	-	-
25	Carpenter	01	-	-	-	-	01	-	-	-	-	-	-
26	Cleaner	-	-	-	-	-	01	-	-	-	-	-	-
27	Mechanic	-	-	-	-	-	-	-	-	-	-	02	02
28	K.K.S	04	04	02	03	02	02	02	02	02	-	-	-
29	Greaser	04	-	-	-	01	01	-	-	-	-	-	-
30	Lorry Assistant	01	01	01	-	-	-	-	-	-	-	-	-
31	Circuit Bungalow Keeper	-	-	-	-	01	-	-	-	-	-	-	-
32	Field Watcher	01	-	01	-	01	-	01	-	01	-	02	02
33	Labour	06	06	15	11	10	04	14	10	18	13	03	03

11.13 Puttalam Region

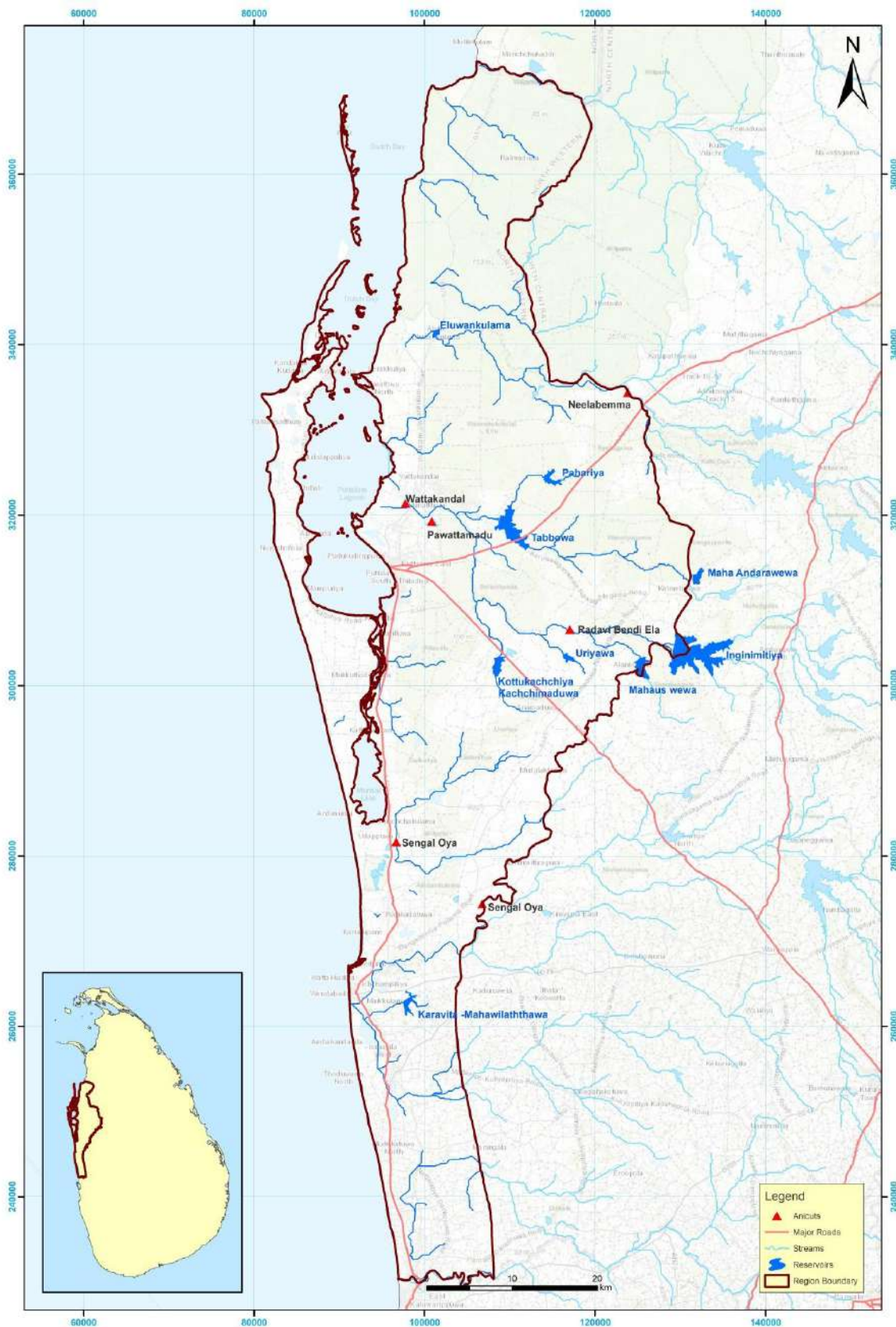


Figure 11-109 : Scheme Map of Puttalam Region

11.13.1 Introduction

Puttalam Region is located in North Western Province and bounded by Kala oya in the northern side and Mahaoya in the southern side. Western side is in the Arabian Sea and the eastern side is bound by Anuradapura and Kurunegal districts. Many rivers reach the sea from this region. Kala oya, Mee oya, Deduru oya, Maha oya are the major rivers. In addition to the above there are 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 in the Region.

11.13.2 Divisions come under the Region

There are two divisions under Puttalam Region. They are Puttalam division and Inginiitiya division.

11.13.3 The Details of the Irrigation Schemes

Table 11-87: The 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	19.00	847	906	778	10.55	10.94	
	Pawaddamadu		192	192	192	*	2.92	
	Pahariya	2.20	146	81	146	*	2.22	
	Kottukachiya and Kachimadu	3.34	388	371	371	*	5.64	
	Sengaloya complex 8 tanks in series							
	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		729	690	288	*	10.50	
Karavitawewa	2.66	400	402	402	*	6.11		
Eluwankulamwewa	0.26	220	263	263	*	4.00		
Wattakandal anicut		202			*	*		
Inginiitiya	Inginiitiyawewa	72.60	2430	2416	3225	170.61	242.42	
	Mahauswewa	4.20	364	397	-	5.47	7.24	
	Mahaandarawewa	2.20	375	152	375	2.04	2.31	
	Uriyawe	1.30	119	132	-	1.47	2.41	
	Radavi Bendi Ela	*	800	324	800	*	*	
	Galkissa anicut							

11.13.4 Major works done in 2022

a. Works done under ERMMS



Figure 11-110: Construction of canal lining in Eluwankulam Scheme

b. Works done under River Basin Management



Figure 11-111: Removing aquatic plants along Neelabemma feeder canals in Neelabemma scheme

11.13.5 Divisional wise Allocation Distribution

Table 11-88: Divisional wise Allocation Distribution

Vote Description / Vote No.	Allocation (Rs.'000)	
	Puttalam Division	Inginimitiya Division
O & M Gravity Works 282-02-2-1-2001(11)-2	10,336	8,036
Maintenance of Departmental Road in Irrigation Scheme 282-02-02-0-2001(11)-5	10	-
Maintenance of Department Circuits 282-02-2-0-2001(11)-18	41	-

Vote Description / Vote No.	Allocation (Rs.'000)	
	Puttalam Division	Inginimitiya Division
Flood Damage Repairs and Other Repairs due to Natural Disaster 282-02-02 -0-2001(11)-10	495	981
O & M Gravity Works (Wages) 282-2-2-0-2001(11)-2	95	10
Essential Rehabilitation of Major Medium Irrigation Schemes 282-02-02-04-2001(11)-1	14,775	14,396
Lift & Micro Irrigation Project 282-02-2-0-2001(11)-3	-	150
Electrical Electromechanical Installation 282-02-2-2-2001 (11)-7	-	379
Unit Office 282-02-2-1-2001(11)-1	284	-
Geo Information Studies 282-02-02-2507(11)-008-9	-	133
Repairs to Plant Machinery & Equipment 282-02-2-0-2002	25	-
Farmer Organization Development & Farm Productivity & Profitability 282-02-2-0-2001(11)-8	9	30
River basin management 282-2-2-5-2105(11)-9	262	-
Repairs to Vehicles 282-02-2-0-2003	88	-
Improvements to Mechanical Workshop 282-02-2-0-2001-17	160	-
Ministry & Other Votes		
Clearing of Drainage canals 198-02-03-08-2506 (11)	1,486	-
Clearing of Drainage canals 198-02-03-52-2506 (11)	6,468	-
Rehabilitation of Major Medium Irrigation Schemes Including Emergency Infrastructure Rehabilitation works - Infrastructure Development 198-02-3-08-2506	199	2,001
Gamasamaga Pilisadarak 198-2-3-52-2506	201	-

11.13.6 Projects implemented under other source of funds

a. Wari Saubhagya - Rural tank Rehabilitation

25 numbers of work items had been selected to rehabilitate the major / minor tanks, bunds, and structures under the Wari Saubhagya programme. 18 numbers of work items had been completed. 08 numbers of works have been completed during the year, 2022.



Figure 11-112: Construction of Spill structure for Bogahawewa in Inginiyitiya Division



Figure 11-113: Construction of sluice and Improvement of spill in Wattukaweli in Puttalam Division

11.13.7 Wap Haula” Programme.

Table 11-89: “Wap Haula” Programme.

Nature of the Activity	Division	Extraction amount	
		Puttalam	Inginimittiya
Number of Schemes		06	01
1.1 Pre Cultivation meeting		12	02
1.2 Cultivation Meeting		12	02
2.1 Conducting FO Election		-	-
2.2 Conducting FO Annual General meetings		-	01
2.3 Conducting PMC meetings		33	05
2.4 Preparation of FO Final Accounts		-	01
3.1 Financial Management		-	01
3.2 Income Management etc..		-	-
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

11.13.8 Drinking water Extraction

Table 11-90: Drinking water Extraction

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

11.13.9 Staff Position

Table 11-91: 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	1	1	1	1	1
Engineer (Mechanical)	1	1				
Accountant	1	1				
Administration Officer	1	-				
Drawing Office Assistant	1	1				
Senior Work Supervisor	1	-				
Divisional Assistant	-	-	1	1	1	1
Development Officer/Assistant	1	4	3	2	3	4
Engineering Assistant	-	-	8	5	8	5
Draftsman	4	2	3	-	3	1
Management Service Officer	10	7	6	3	6	3
Department Clerk	-	1	-	1	-	-
Store Keeper	-	-	1	1	1	-
Technical Aide (Irrigation)	-	-	6	4	6	6
Driver	3	2	3	3	3	-
Operator	2	-	-	-	-	1
Tractor Operator	6	-	-	3	-	1
O & M Labour	-	-	11	3	11	4
Mason	1	-	-	-	-	-
Carpenter	1	-	-	-	-	1
Circuit Banglow Keeper	-	-	1	-	1	-
Store Labour /Aide	-	-	1	-	1	-
Labour	-	8	-	7	-	11
Plane Printer/Helper	1	-	-	-	-	-
Greaser	1	-	-	1	-	-
KKS	2	-	1	1	1	-
Electrician	-	-	-	1	-	-
Irrigator	-	-	-	-	-	1

11.14 Trincomalee Region

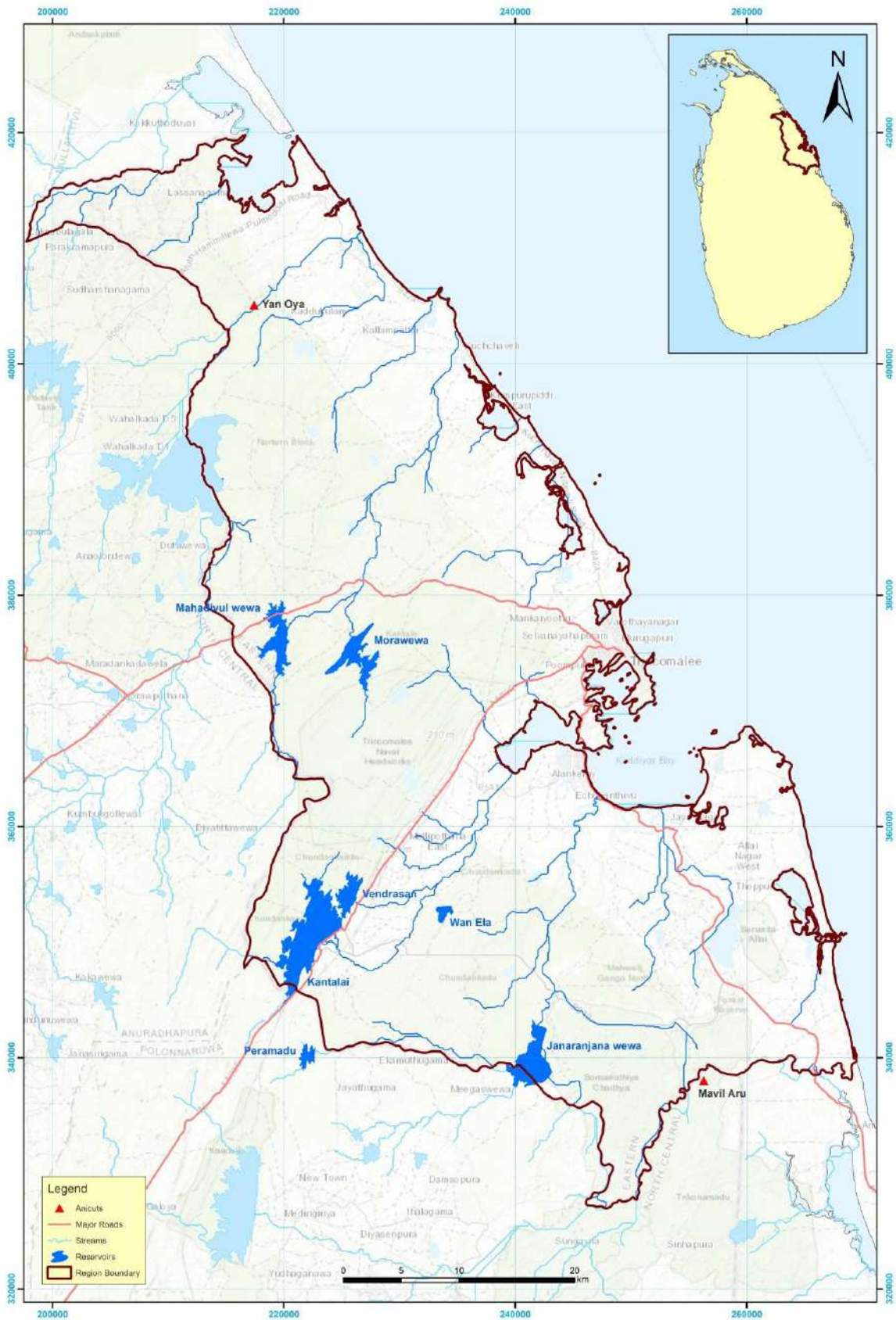


Figure 11-114: Scheme Map of Trincomalee Region

11.14.1 Introduction

There are ten irrigation schemes in Trincomalee region, which includes six major irrigation schemes, one medium scheme, two major anicut schemes, and the Right Bank main channel of the Yan Oya reservoir. The Right Bank Main canal of Yan Oya reservoir feeds ten different small tanks that are presently maintained by the Trincomalee Region. Total storage facility is 455.79 MCM and whereas anicut schemes utilizes 200 MCM of water per season. Total irrigable extent in Trincomalee region is 25,278 Hectares. Presently, 26,500 numbers of farm families are identified as beneficiaries in the region. There are three Irrigation Engineer's Divisions and Base Mechanical Workshop located in the Trincomalee district for the operation and maintenance of these schemes.

11.14.2 Divisions under the Purview of Region

- Kanthale Division
- Muthur Division
- Morawewa Division

11.14.3 The Details of the 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 issue from the Sluice (MCM)	
				Maha	Yala	Maha	Yala
Kanthale	Kanthale	140.6	7,511	7,511	7,511	53.84	100.08
	Vendrasan	25.0	708	708	708	10.44	17.58
	Wan-Ela	2.9	656	656	656	1.75	3.76
	Peramaduwa	4.1	304	304	304	2.40	3.18
	Janaranjana	8.51	809	809	809	-	
Morawewa	Morawewa	42.9	1,943	1,943	1,635	15.95	24.59
	Mahadivulwewa	24.6	850	850	850	8.64	12.72
	Yan Oya Anicut	-	842	842	712	-	
	Yan Oya RB	167.55	1,538	769	712	-	6.65
Muthur	Allai	-	10,117	10,117	9,611	-	
Total		416.16	25,278	24,509	23,508	93.02	168.56

11.14.4 Major Works done during the year

a. Mavil Aru 1000ft Causeway

Mavil Aru Anicut headwork maintained by Divisional Irrigation Engineer Muthur, to irrigate 10,117 ha extent of paddy land falling under Allai extension Scheme. Allai extension is the only major Irrigation scheme; giving benefits to farmers living in Muthur, Seruwila, and Verugal Divisional Secretariat areas. Mavil Aru Anicut has 4.8 km of earthen bund and following three spillways at three different locations.

1. 1000 ft spillcum causeway
2. Four numbers of 6.10 m x 3.05 m radial gate spillway.
3. Scour gated spillway.

The Left bank abutment of spillcum causeway damaged during the flood in 2014 and temporary earthen cofferdam was constructed immediately after damage, to divert water to the Allai extension scheme. Reconstruction works of Left bank abutment was started in 2021 under Wari Saubhagya programme and completed in year 2022.



Figure 11-115 : Mavil Aru 1000ft Causeway before Construction



Figure 11-116: Mavil Aru 1000ft Causeway after Construction

b. Kottal Aru Drainage Channel

The Kottal Aru Drainage Channel is flowing through Padavisiripura Divisional Secretariat Division. Kottal Aru Drainage Channel originates from the Spillway of Olugolla Wewa and Conveys water from the local catchment, and irrigation drainages. Overflowing Water damages 400 acres of paddy land located at both sides of Kottal Aru drainage.

It was suggested to widen the drainage channel from stn 0+000 to stn 9+300 under the Wari Sawbhagya Rural Tanks Development Project. Width of the Kottal Aru drainage channel has been widened to prevent flooding of 400 acres of paddy land. The construction work of the drainage channel was commenced in 2021 and completed in 2022.



Figure 11-117: KottalAru Drainage Channel before Construction



Figure 11-118: KottalAru Drainage Channel after Construction

c. Kanthale Spill Tail Canal

Kanthale Spill Tail Canal is 33 km long and runs through Kanthale and Thambalagamuwa Divisional Secretariat Area. This Spill tail canal is the primary drainage canal in Kanthale scheme, and it originates from the spillway of Kanthale Reservoir and conveys water from local catchment and irrigation drainage.

Design width of the spill tail canal is 14m, however water overflowing in several places and flooding nearby areas due to the narrow width of the canal. Therefore, widening of the spill tail canal in section by section is commenced in year 2018 and Construction of widening from Stn 1+950 to Stn 4+100 is started in 2022 under ERMMIS allocation.

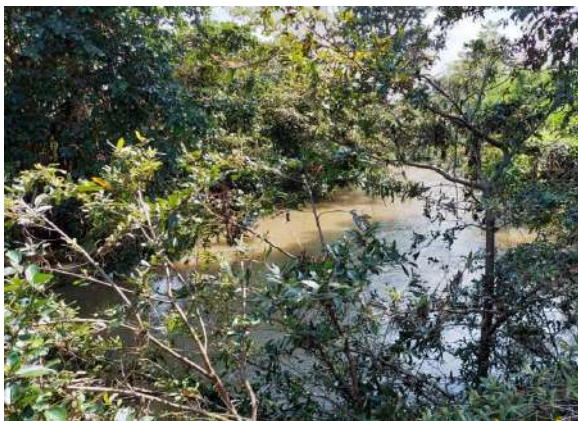


Figure 11-119: Kanthale Spill Tail Canal before Construction



Figure 11-120: Kanthale Spill Tail Canal after Construction

d. Nathanodai Flood Protection Bund

Reconstruction of Nathanodai Bund has proposed to improve the livelihood of the farmers of Verugal Divisional Secretariat area and to prevent the divisions of Verugal Divisional Secretariat area from flood damages. Verugal Aru conveys considerably huge quantity of water from Mahaweli River. Hence, left bank flood protection bund breaches during heavy floods and existing breached portion to a length of 110m was breached in 2011 during North-East Monsoon. Reconstruction works of flood protection bund was commenced in 2021 and give benefits to 1471 houses and 2653 Acres of paddy land in Verugal.



Figure 11-121 Nathanodai Flood Protection Bund

e. Climate Resilient Integrated Water Management Project (CRIWMP) - Wewgam Pubuduwa Project

A request was made to rehabilitate following tanks and anicut under Wewgam Pubuduwa Project.

- Rehabilitation of Illuppikkulam Lokuwewa,
- Rehabilitation of Ulpathwewa Tank, and
- Reconstruction of Gated Regulator in Paniketiya Anicut

The aforementioned tanks/ anicut are located in the Morawewa Divisional Secretariat Division. The above works were commenced in 2022 and completed in the same year by Divisional Irrigation Engineer, Morawewa.

The total estimated cost is Rs. 38 Mn and expenditure for 2022 is Rs. 21.9 Mn.

11.14.5 Allocation Distribution among Divisions

Table 11-93: Divisional wise Allocation distribution

Description / Vote No.	Allocation (Rs.) '000			
	DI Office	Kanthale	Muthur	Morawewa
Departmental Votes				
O&M Gravity Works 282-2-2-1-2001-2	1,068.92	19,105.36	13,251.83	5,451.59
O&M Gravity works –Wages 282-2-2-0-2001-2	58.16	-	-	-
Feasibility Studies for Major Medium Irrigation Projects and Surveys/ Soil/ Geotechnical Investigation 282-2-2-2507-11-008	925.01	-	-	-
Survey & Investigation of existing scheme 282-2-2-0-2507-8-3	-	-	-	1,000.00
Essential Rehabilitation of Selected Major Medium Irrigation Scheme 282-2-2-4-2001-1	-	16,774.90	11,776.38	9,850.43
Flood Damage Repairs & Other Repairs to Natural Disasters 282-2-2-0-2001-9	-	869.33	-	-
Maintenance of Department Circuits 282-2-2-0-2001-15	-	39.77	-	-
Improvements to Spill Tail canal & Drainage System in Irrigation Scheme 282-2-2-0-2001-16	-	786.49	-	-
Yan Oya Reservoir Project 282-2-3-5-2105	-	-	-	33,260.60
Establishment and Improvements of Unit Office 282-2-2-1-2001-1	-	-	-	6,089.00
Ministry Votes & other votes				
198-2-3-8-2506 Rehabilitation of Major Medium Irrigation Schemes - Infrastructure Development		1,649.56	4,851.37	-
198-2-3-52-2506 PEISEIP		-	-	1,036.20
198-2-3-52-2506 GamasaMagaPilisadara		33,768.12	-	27,701.08



Figure 11-122: Widening and Improvements to Nelu Oya Feeder Canal in Morawewa Scheme

11.14.6 Projects Implemented under Other Source of Funds

a. Wari Sawbhagya – Rehabilitation of Rural Tanks and Anicuts

Initially, 103 tanks were selected to implement in 2021 and these tanks were allocated to Irrigation Department. Due to the constraints allocation, only 35 numbers of tanks have been implemented by Irrigation Department. Totally 8,300 Acs of Paddy lands and nearly 3,450 beneficiary families are coming under these 35 tanks. Out of the 35 tanks, we have completed 34 numbers of tanks. An allocation of Rs. 441.9Mn was received under 6 votes and the total expenditure with liability is Rs. 392.5 Mn



Figure 11-123 : Mangala Wewa and Murugan Kulam after Rehabilitation



Figure 11-124: Pammanda Kulam after Rehabilitation



Figure 11-125: Kanthi Wewa after Rehabilitation



Figure 11-126: Jayanthigama Ekamuthu after Rehabilitation



Figure 11-127: Maha Wewa after Rehabilitation



Figure 11-128: Olugollawa Wewa after Rehabilitation

b. Gama Samaga Pilisanthara (GSP)

Table 11-94: Progress of Gama Samaga Pilisadhara

S. N.	Division	Description of item	Allocation Rs. '000	Expenditure with liability Rs. '000	Physical Progress
1	Kanthale	Construction work under Peramaduwa Tank	108,768.12	53,301.70	60%
2	Morawewa	Construction of Pan Oya Anicut	67,701.08	46,617.84	65%
Total			176,469.20	99,919.54	



Figure 11-129: Pan Oya Anicut



Figure 11-130 : Peramaduwa tank

c. Yan Oya Project

The total allocation of LKR 33.3 Mn was received under this project and the Expenditure including liability up to the end of 2022 is LKR 33.26Mn. Nineteen items of work identified for 2022 and among those 13Nos of items completed in the year 2022. Totally 1000 numbers of farmer families are benefited by this project.

11.14.7 Drinking Water Extraction

Table 11-95 : Drinking water extraction

Water Supply Scheme	Reservoir	Extracted Amount	
		m ³ per Day	Annual MCM
Water Board	Kanthale	39,000	14.24
Water Board	Neelapola	8,500	3.1
Water Board	Eachilampattu (Verugal)	3,500	1.3

11.14.8 Social Activities

a. World Water Day – 2022

World Water Day celebrated at Divisional Irrigation Engineer’s Office, Muthur on 22nd March 2022 and an awareness made by the Divisional Irrigation Engineer about the importance of water.



Figure 11-131: World Water Day – 2022

b. World River Day – 2022

Highlighting the world river day is an event emphasizing the theme of “A River can make all the Differences” conducted at Divisional Irrigation Engineer’s Office, Muthur on 29th of September 2022.



Figure 11-132: World River Day - 2022

c. Role of Irrigation Department during Flood

On 21st December 2022, Divisional Irrigation Engineer of Muthur division presented the presentation on “Role of the Irrigation Department during Floods” to the security Forces.



Figure 11-133: Role of Irrigation Department during Flood

11.14.9 Staff Position of the Region

Table 11-96 : Staff Position of the Region

S.N.	Designation	Director of Irrigation Office		Divisional Irrigation Engineer's Office					
				Kantale		Muthur		Morawewa	
		Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
1	Director of Irrigation	1	1	-	-	-	-	-	-
2	Chief Engineer	1	1	-	-	-	-	-	-
3	Accountant	1	1	-	-	-	-	-	-
4	Engineer	4	3	1	1	1	1	1	1
5	Earth R. Engineer	-	1	-	-	-	-	-	-
6	Administ. Officer	1	1	-	-	-	-	-	-
7	Drawing Office Asst.	1	-	-	-	-	-	-	-
8	Senior Works Supervisor	1	-	-	-	-	-	-	-
9	Divisional Assistant	-	-	1	-	1	-	1	-
10	Engineering Assistants	-	-	10	8	10	6	8	8
11	Institutional Development Officer	1	-	-	-	-	-	-	-
12	Development Officer	1	7	5	3	5	4	2	3
13	Draughtsman	4	3	3	-	3	-	3	-
14	Management Service Officer	14	9	6	2	5	-	5	-
15	Store Keeper	-	-	1	1	1	1	1	1
16	Technical Assistant	-	1	10	5	10	7	8	6
17	Work Supervisor	-	-	-	1	-	-	-	-
18	KKS	2	2	1	1	1	-	1	-
19	Drivers	3	1	3	3	3	-	3	1
20	Maintenance & Operation Labours	-	-	14	-	14	4	14	-
21	Store Attendant	-	-	1	-	1	-	1	-
22	Operators	6	-	-	1	-	-	-	-
23	Tractor Operators	5	1	-	-	-	-	-	-
24	Maintenance Labours	-	1	-	9	-	17	-	2
25	Carpenters	1	-	-	-	-	-	-	-
26	Circuit Bungalow Keeper	1	-	1	1	-	-	-	-
27	Design Printer Helper	1	1	-	-	-	-	-	-
28	Greaser	2	-	-	-	-	1	-	1
29	Field Watchers	1	-	1	-	1	-	1	-
30	Mason	1	-	-	-	-	-	-	-
31	Labour	-	5	-	32	-	5	-	9
33	Cleaner	-	-	-	1	-	-	-	-
34	Irrigator	-	-	-	3	-	-	-	-
35	Lorry Helper Attendant	-	-	-	-	-	1	-	-

12 Zonal Offices

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

The Central Zone has been established to cover the regional planning and design works in the Kandy, Kurunegala and Puttalam Regions. Designs and drawings of some proposals in Ampara region too were carried out by this office.

12.1.1 Objectives and Functions

- Promoting new and restoration, expansion or rehabilitation of water resources development projects proposed by the Director of irrigation (Region), Divisional Irrigation Engineer, Politician, Public and any other organization according to the feasibility of the proposal.
- Preparation of PIR, initiating full investigation surveys, and preparation of firm proposals, design, and preparation of 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 and Engineering Materials and Land use divisions for investigation of Major & Medium Irrigation schemes.
- Execution of operation studies and flood studies, framing firm proposals, designing and preparation of construction drawings for Major & Medium Irrigation schemes.
- Initiating EIA/IEE studies with the assistance of the Environmental Studies Branch for Major & Medium Irrigation schemes.
- Collecting water samples from irrigation schemes & other important locations 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 2022

Table 12-1: Work Progress during 2022

New Projects								
No	Project	Preliminary Investigation	F.I. Survey	Baseline Survey	Pre-Feasibility Report	Detail Design	EIA Approval	Land Matters
01	Kotapathdamana Tank	Completed	Completed	-	Completed	In Progress	-	-
02	Kalamaduwa Tank	Completed	Completed	-	-	In Progress	-	-
03	Wattegedara Tank	N/A	N/A	N/A	N/A	In Progress	N/A	N/A
04	Lower Kimbulwana Oya reservoir	Field inspection done & initial studies are in progress						

Rehabilitation Projects								
05	Helawa Tank	Completed	Completed	-	Completed	In Progress	-	-
06	Balagala tank	Initial report completed						
07	Dewahuwa Tank sluice	N/A	N/A	N/A	N/A	Completed	N/A	N/A
08	Closed conduit for Heelpa Kandura	N/A	N/A	N/A	N/A	Completed	N/A	N/A
09	Maha Siyambalagamuwa RBMC trough	N/A	N/A	N/A	N/A	Completed	N/A	N/A
10	Canal Spill at 2+350 in Batalagoda Feeder Canal	N/A	N/A	N/A	N/A	Completed	N/A	N/A
11	Regulator at 3+000 in Batalagoda Feeder Canal	N/A	N/A	N/A	N/A	Completed	N/A	N/A

12.1.3 Performance

a. Proposed Kotapathdamana tank

Region: Ampara, Division: Ampara

This is a continuation from previous year and work completed within the year 2022:

- FI survey and Pre-feasibility report completed
- Hydraulic design of sluice was completed

b. Proposed Kalamaduwa tank

Region: Kurunegala, Division: Hiriyala

This is a continuation from previous year and work completed within the year 2022:

- Sluice and Spill design & drawings were completed

c. Himbilyakada Irrigation Infrastructure Improvement Project

Region: Kandy, Project: HIIP

This project has been started few years back and sluice design for the Wattegedara tank was done in 2021. Spill design for the Wattegedara tank was completed during 2022

d. Proposed Lower Kimbulwana Oya reservoir

Region: Kurunegala, Division: Hiriyala

This project has proposed under the “Water Resources Development and Management in 10 Districts Projects”, and carry out Pre-feasibility study. Proposal is to construct a reservoir across Deduru Oya, upstream to the Deduru Oya reservoir and downstream to Kimbulwana oya tank. Proposed location is sited in Polpithigama and Ganewatta Divisional Secretariat divisions in Kurunegala District in the

North Western Province. It is intended to study the possibility of supplying water for cultivation purposes and domestic water demand in Maho area.

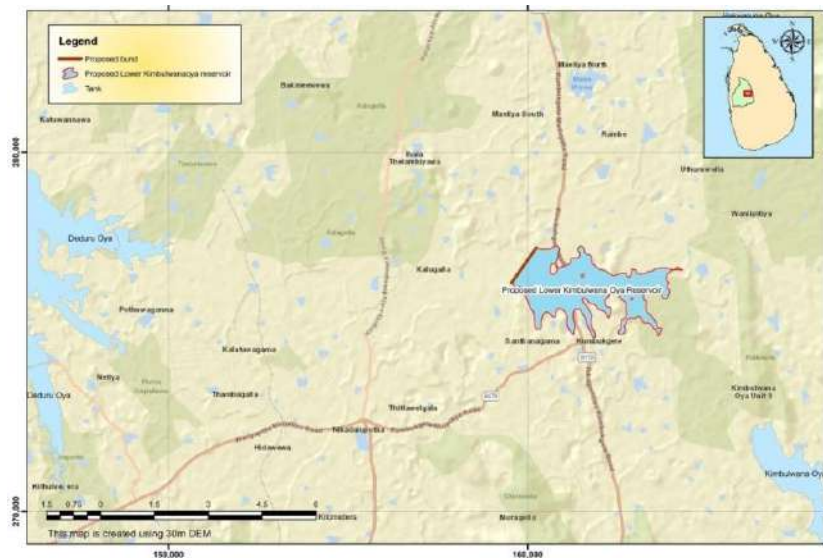


Figure 12-1: Proposed Lower Kimbulwana Oya reservoir

e. Helawa tank

Region: Ampara, Division: Pottuvil

This is a continuation from previous year and work completed within the year 2022:

LB & RB Sluice designs & drawings were completed and submitted, amended Pre-Feasibility Report completed.

f. Balagala tank

Region: Batticaloa, Division: Navakiri

Balagala is a breached tank which was constructed in 1950s across Balagala stream, which is a tributary of Navakiri Aru. It is located upstream to the Navakiri reservoir. Balagala tank is said to be breached due to heavy floods in 1957 and left abandoned since then.

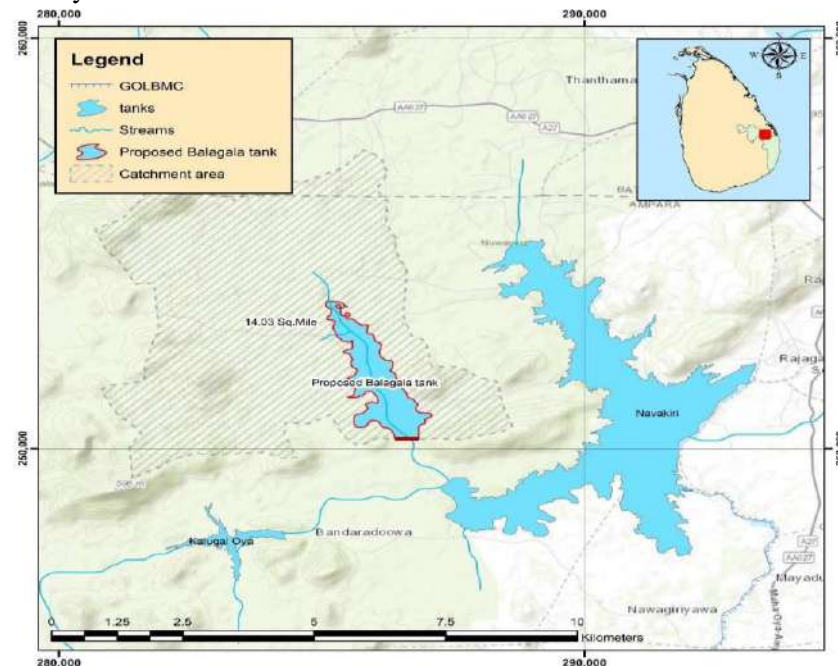


Figure 12-2: Proposed Balagala tank

Proposal has been forwarded by the NWSDB to restore this tank to fulfill daily domestic drinking water demand of 20,000 m³ in Batticaloa district. Operation study was carried out and some facts to be clarified to finalize the proposal.

Planning and Design works are in progress and 30m DEM used for studies. General details and main design parameters of the project are as follows.

Table 12-2 : Details of Balagala tank

Province	Eastern
District	Ampara
Divisional Secretary's Division	Uhana
GN Division	Bandaradoowa
Coordinates (at river section)	286739 E, 250174 N
Divisional Irrigation Engineer	Nawakiri
Director of Irrigation	Batticaloa
Hydrology	
Stream	Balagala oya
Net Catchment area	14.2 Sq. Miles
Reservoir (Proposed)	
Capacity	8270 (Acft)
FSL	45.45 m MSL
Area at FSL	236 Ha
Embankment (Existing)	
Bund type	Earthen
BTL	47.35* m MSL
Bund length	550 m
Maximum bund height	11.91* m
Bund top width	4.0* m
Sluice (Existing)	
Sluice type	Tower
Sluice opening	1.50 m x 1.65m
Spill (Existing)	
Spill type	CO
Spill length	80.0* m

*Details received from DIE (Navakiri)

g. Dewahuwa tank sluice

Region: Kandy, Division: Dambulla

Proposal for repairing existing sluice of the Dewahoowa tank was forwarded to this office by the DIE (Dambulla) requesting a design for the same. This work is included under IWWRMP project.

Table 12-3: Details of Dewahuwa tank

Province	Central
District	Matale
Divisional Secretary's Division	Galewela
Coordinates (at sluice)	175609E, 289296N
Divisional Irrigation Engineer	Dambulla
Director of Irrigation	Kandy
Reservoir Capacity	11000 (Acft)
FSL	599.30 (ft MSL)
HFL	600.15 (ft MSL)
Sluice type	Tower
Sluice opening	3.0 ft
Sluice sill	570.00 (ft MSL)

Design works were performed and drawings were prepared according to the requirements. Therefore, the design was carried out only for sluice tower and sluice house without changing existing sluice barrel and approach canal.

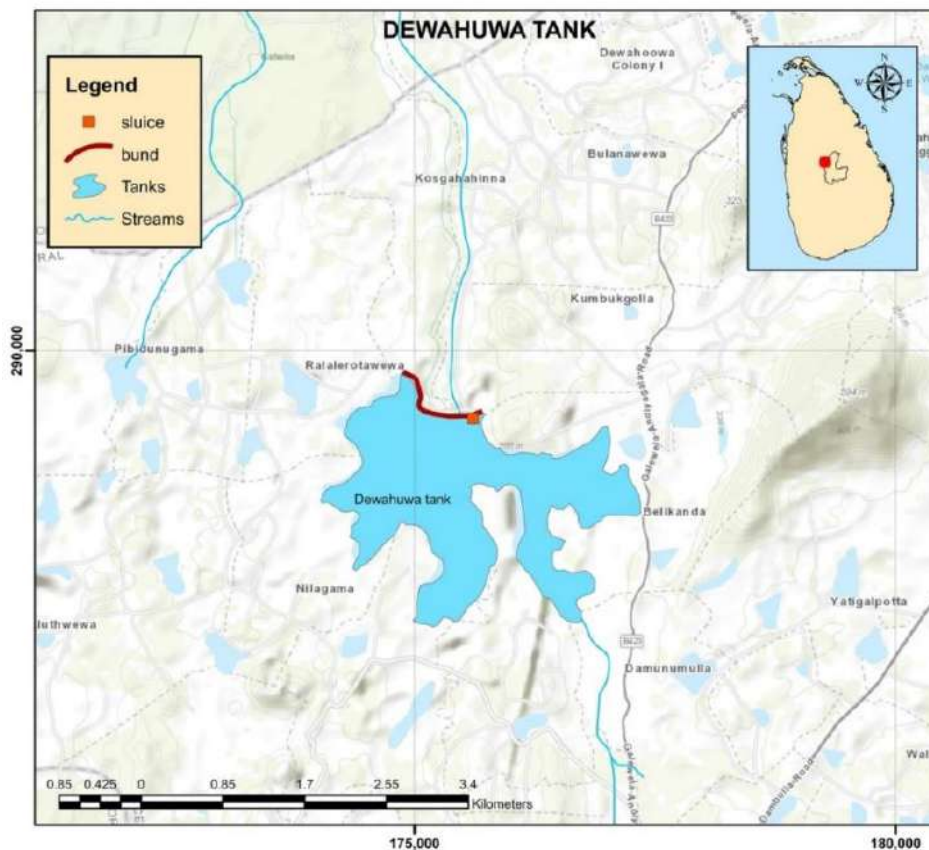


Figure 12-3: Dewahuwa tank

h. Closed conduit for Heelpan Kandura in Wewsiripitiya

Region: Kandy, Division: Kandy

During a field inspection on 30-01-2022, instructions were given by the Director General of Irrigation to design a closed conduit for Heelpan Kandura stream just after the Wewsiripitiya silt trap in front of the Kandy lake maintenance office. Design works & drawings completed and submitted.

i. Mahasiyambalagamuwa RBMC trough

Region: Kurunegala, Division: Galgamuwa

Maha Siyambalangamuwa scheme is under the purview of DIE Galgamuwa. Maha Siyambalangamuwa tank consists of two main canals which cater 400 Acs of irrigable area whereas 160 Acs lay under RBMC. However, the trough structure located at 0+366 in RBMC appeared to be weakened. Proposal to construct a new trough structure at the location and designing works of the new structure and drawing works were carried out at this office.

j. Canal spill at 2+350 km in Bathalagoda Feeder Canal and Canal Regulator at 3+000 km in Bathalagoda Feeder Canal

Region: Kurunegala, Division: Hiriya

Bathalagoda feeder canal was breached at the canal spill at 2+350 during a flood in 2022 and the location was temporarily filled by earth. DI (Kurunegala) submitted a design and requested a review of the design. Design was reviewed and the submitted set of drawings with structure consists of 03 nos. of 0.90m Dia. gates including lifting arrangements and bridge to lay carriage way above the spill.



Figure12-4: Proposed location (temporarily filled breach) for the canal spill in Bathalagoda Feeder Canal

DI (Kurunegala) requested to design a canal regulator at 3+000 km in Bathalagoda Feeder Canal, as instructed by the Dam Safety branch. Accordingly, design was done for the regulator and the structure consists of 04 bays each having 1.60m x 2.70m gates with lifting arrangements.



Figure 12-5: Proposed location for the canal regulator in Bathalagoda Feeder Canal

12.1.4 Water quality monitoring and Environmental studies

Assessment of the 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 all rivers and reservoirs under the Irrigation Department. As a result, water samples were obtained twice or three times a year approximately from 135 tanks and anicuts and finally prepared a water quality annual report in each year.

However, we had concerns about the validity of the water quality test reports sent to the divisions and discussed about this matter with the Director of Land Use about adding the signature of a Land Use Division chemist to improve the quality of that reports. DI - Central Zone shall handle all other expenses, current equipment maintenance, and sample collecting operations.

Zonal Director (Central)'s responsible areas were Kandy, Badulla, Kurunegala, and Trincomalee for the water quality inspection as per the discussion. As a result, samples of 45 tanks and anicuts have to be collected. But, samples were collected from 36 tanks and 4 anicuts in 2022. Also, the Annual Report for the year 2021 was completed.

Furthermore, due to a lack of fuel and chemicals, only one round of samples from reservoirs in Kandy, Badulla, and Kurunegala could be collected in 2022.

12.1.5 Allocation Distribution and Expenditure

Table 12-4: Financial progress of P&D (Central Zone) office for year 2022

Vote Description / Particulars	Allocation (Rs.)	Expenditure (Rs.)	Physical Progress (%)
Management Supporting Facilities 282-2-2-0-2001-12	125,000.00	124,190.35	100%
Feasibility studies for M/M Irrigation project 282-2-2-0-2507-8-1	900,000.00	825,406.61	100%
Water Quality Monitoring of Reservoirs 282-2-2-0-2507-8-10	1,382,000.00	1,358,342.91	100%
Ancient Irrigation Heritage Studies 282-2-2-0-2507-9-9	200,000.00	199,985.00	100%
Total	2,607,000.00	2,507,942.87	

12.1.6 Staff Position

Table 12-5: Staff Position of P&D (Central Zone) office for year 2022

Position	Approved Cadre	Present Cadre	Deficit / Excess
Director of Irrigation	1	1	-
Chief Engineer	1	1	-
Irrigation Engineer	3	5	(2)
Engineer Assistant	3	2	1
DOA	1	-	1
Management Assistant	5	2	3
Development Officer	-	2	(2)
Draughtman	3	1	2
Research Assistant	-	1	(1)
Store keeper	1	-	1
Technical Aide	2	-	2
Assistant Draughtman (Contract Basis)	-	1	(1)
Laboratory Assistant (Contract Basis)	-	1	(1)
Driver	3	3	-
KKS	1	0	1
Permanent Labour	0	2	(2)
Store Labour	1	-	1
Watcher	1	-	1
Total	26	22	

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 Objectives

- 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 schemes in Northern & North Central zone.
- Improvement, modernization, and preparation of proper water management plan for selected irrigation schemes 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 (Region) 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, Region and Design Branch in head office.
- Assisting DI (Region) to prepare rate analysis of the regional 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 reporting 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

Following activities carried out by the Office of Director of Irrigation (P&D), Northern and North Central Zone during the year 2022.

a. Hydrological Analysis

Hydrological analysis for raising of Mahakanadarawa tank spillway

Mahakanadarawa tank is a water deficient tank and the cropping intensity is usually around 1. For many years, farmers were unable to cultivate the full extent in both seasons. In some years, farmers started the season a few months later than usual and it depends on the availability of water.

Anuradhapura North Water Supply Project proposed by the National Water Supply and Drainage Board (NWSDB) is being implemented under JICA funding. Farmers have suggested to increase the spill crest level of Mahakanadarawa tank by 1 foot and store additional water and supply this additional water to the NWSDB.

Hydrological analysis for raising of Nuwarawewa tank spillway

The cropping intensity in Nuwarawewa tank is usually around 2. For many years, farmers were able to cultivate the full extent in both seasons. But so far, they have not been able to cultivate the third season fully. The National Water Supply and Drainage Board (NWSDB) extract 18 acft per day from Nuwarawewa tank.

The combined Farmers' Organization has proposed to increase the spill crest level of the Nuwarawewa tank by 2 feet to store extra water and reserve this extra water for the third season's cultivation, fulfill the future demand of NWSDB, cultivate highland crops and safeguard the reservation lands from encroachment.

b. Designs

Design of spill structure to Maradhamaduwa tank

Maradhamaduwa tank provides water to 247 acres of paddy fields. The spillway in this tank was built in the 1970s. In December 2021, the lower part of this spillway was scoured and eroded during the monsoon season. Therefore, the gated spillway structure is designed for this particular location.

Design of spill structure, RB Canal and Culvert structure to Mottapetthawa tank under Wewgam Pubuduwa Project

It is proposed to renovate the Mottapetthewa tank including 2 anicuts under the Wewgam Pubuduwa program. After field inspection, it is proposed to provide irrigation facilities directly from RBMC instead of renovating these 2 anicuts. There is a semi - permanent hume pipe culvert immediately downstream of the spill and it acts as a bottleneck to spill discharge. RBMC and Box culvert across the spill tail canal are designed and construction drawings prepared.

Design of RB main canal at Lower Malwathuoya Multi Sector Development Project

Lower Malwatu Oya Reservoir is being constructed across Malwatu Oya immediately downstream the confluence of Malwatu Oya and Kanadara Oya at Kappachchi village. The project includes several main components. One of the components is to provide irrigation facilities to new lands. 2.54 km length of RBMC is designed to supply irrigation facilities to 182 ha of paddy land and 310 ha of high land.

Design of Trough structure and Culvert at Kudawilachchiya Main Canal

In this proposal, a supply canal trace has been located downstream of the Kiralpatiyawa tank. The ground level elevation at this location is lower than the proposed canal bed level and the soil condition is also boggy. To overcome these issues a trough structure had been proposed and designed directly downstream of Kiralpatiyawa tank.



Figure 12-6: Proposed Trough Structure of Kudawilachchiya Main Canal

12.2.4 Map preparation

Preparation of GIS map for Malwathuoya river basin for proposed Smallholder Agribusiness and Resilience Project (SARP)

The project will be implemented to build the resilience and market participation of 40,000 rural smallholder households in the project area. Selected tanks under the Irrigation Department, Provincial Irrigation Department and Department of Agrarian Development are mapped.

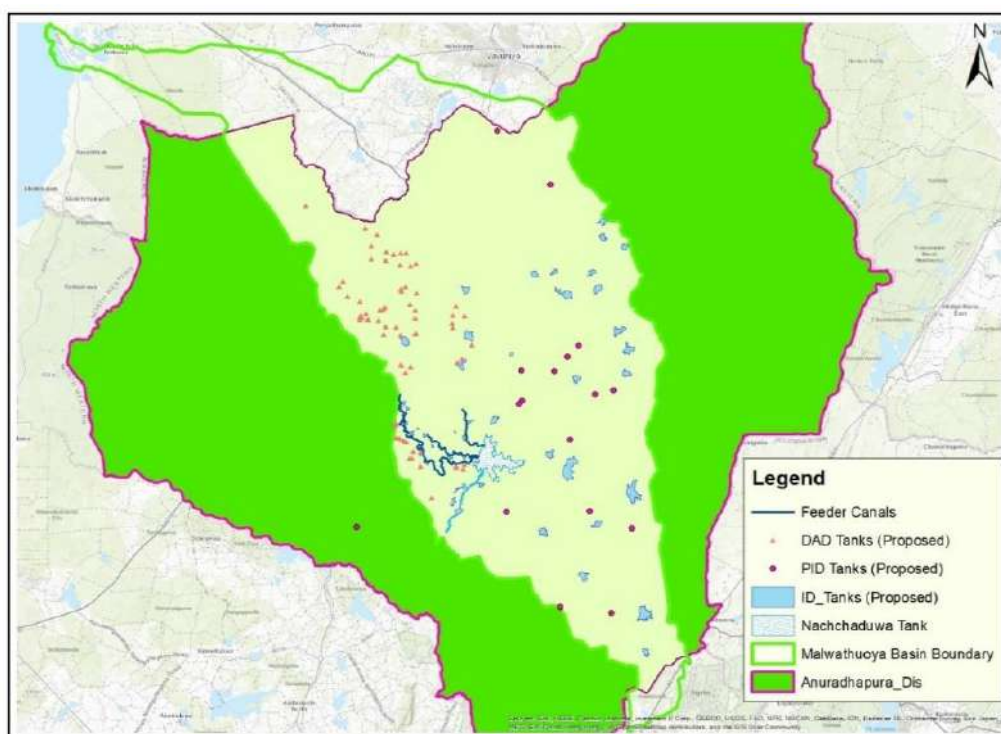


Figure 12-7: GIS map of proposed Smallholder Agribusiness and Resilience Project (SARP)

12.2.5 Allocation Distribution and Expenditure

Table 12-6: Regional wise Allocation Distribution and Expenditure

Region	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress %
Northern & North Central Zone	948	948	100

12.2.6 Staff Position

Table 12-7: Staff Position

No.	Designation	Approved cadre	Present Cadre	Deficit / Excess
1	Director of Irrigation	1	1	-
2	Chief Engineer	1	1	-
3	Irrigation Engineer	3	2	1
4	DOA	1	-	1
5	EAA	3	1	2
6	Draughtsman	3	1	1
	Working as draughtsman appointed under 25/2014		1	
7	Management Service Officer	5	1	4
8	SK	1	-	1
9	FA	2	-	2
10	Driver	3	1	2
11	Store labor	1	-	1
12	KKS	1	-	1
13	Watcher	1	-	1

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

12.3.1 Objectives

- Preparation of master plans for the river basin in Uva & Eastern provinces 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 schemes in Uva.
- Improvement, modernization, and preparation of proper water management plan for selected irrigation schemes in Uva 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.

12.3.2 Functions

- Preparing preliminary investigation reports, Design and construction drawings for medium and minor irrigation schemes within the Zone.
- Initiation of investigation and engineering surveys of irrigation projects with support from DI (Dist/ Prov)
- Preparing feasibility reports for the medium and minor irrigation projects.
- Assist DI (Dist/ Prov) to carry out water management models in the zone.
- 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 assisting DI (Dist/ Prov) to maintain irrigation schemes in an eco-friendly manner.
- Carry out research on construction technologies to be adopted in the field.
- Assist to prepare rate analysis of zones.
- Facilitating required training within the zone
- Updating the ID Website with respect to Uva & East zone.

12.3.3 Performance

a. Uma Oya Down Stream Development Project

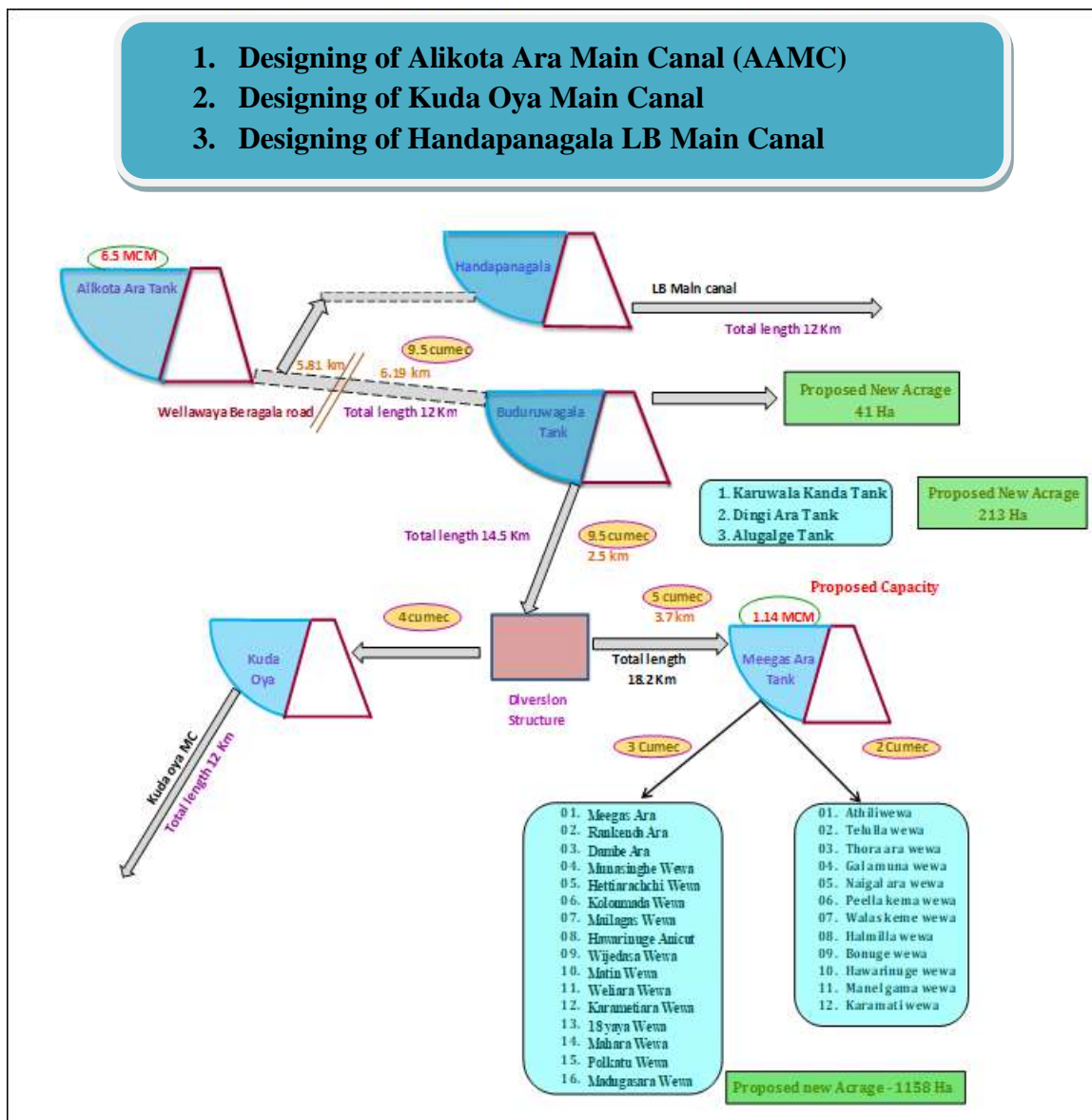


Figure 12-8: Schematic diagram of UDDP

Water Resource Planning and Designs of Alikota ara – Kuda Oya Transfer Canal

- Design of Buduruwagala Trough (10.890-11.325km) - Design has been completed and submitted.

Technical Details of the section:

Length	- 435 m	Free Board	- 0.55m
Discharge	- 10 m ³ /s	Gradient (s)	- 0.001
Bed width	- 2.8m	Pier Spacing	- 8.0m
Full Supply depth	- 1.8m		



Figure 12-9: Construction Progressing

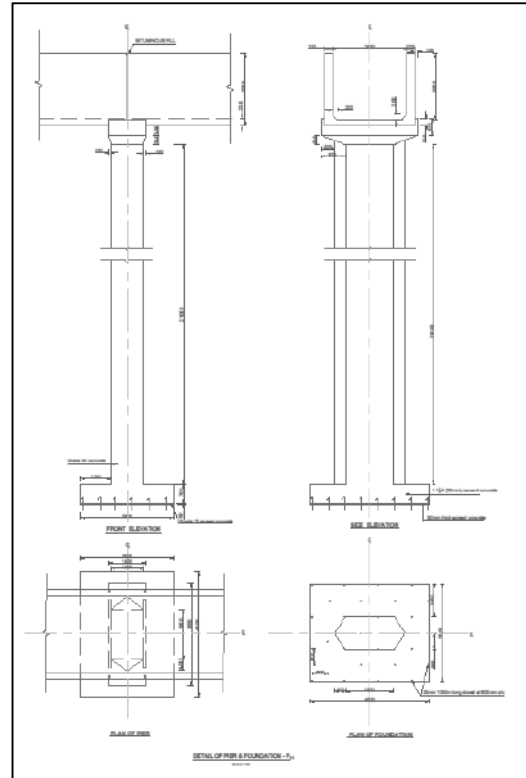


Figure 12-10: Design Section

- Design of under crossing (11.47km) - Design completed
- Design of under crossing (11.57km) - Design completed
- Design of under crossing (11.9km) - Design completed
- Design of close conduit (13.875 – 14.825km-950m length) - Investigation Completed
- Design of Meegas Ara Sluice cum Spill - Conceptual Design has been completed and submitted.

Proposed Design:

03 nos lifting gates (4ftx4ft) to be provided for the new spill of Meegas ara tank to discharge water with 808 cusec. And 25ft clear overfall spill was proposed to discharge 234 cusec water.

Existing full supply level - 166.67 m MSL

Proposed full supply level- 171.70 m MSL

Design high flood level - 172.30 m MSL

- Construction of Trough Structure across Kuda Oya Stream (21+850-22+300) -Design has been completed and submitted

Total inflow of Kuda Oya at the point of interest - 132.99 m³/s

High flood level at the point - 145.275 m MSL

Flume bed level - 158.81 M msl

Length of the Trough - 450m

Design discharge of the canal - 5 cumec

Maximum height of the pier - 15m

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

- Nugamandiya anicut (Kumbukkan Oya Reservoir Project) - Design has been completed and submitted

The proposed anicut (Amuna) is to be constructed across Kumbukkan oya Reservoir and feeder canal from Nugamandiya anicut to Bindunukada tank.

District - Monaragala
 Co-Ordinates - 257646.14E, 178615.82N
 Anicut Length - 9 km
 Catchment Area - 300.8 sq km

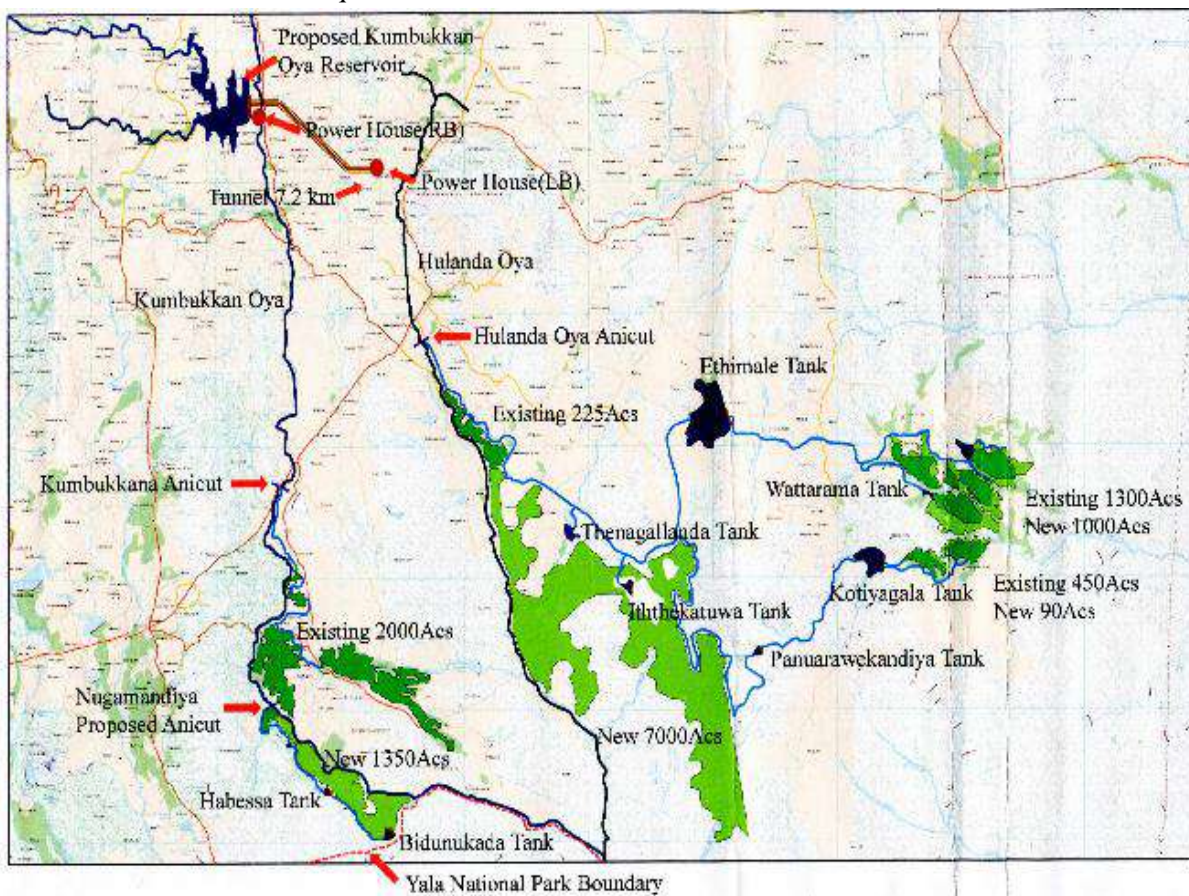


Figure 12-11: General Arrangement of proposed Nugamandiya Anicut

- Improvements to Keena Aththa wewa : Pre- feasibility study has been Completed and submitted
- Constructions of Sandaganawa Tank, Monaragala District : Pre- feasibility Studies - Work progressing
- Construction of Anicut across Heda Oya and feeder canal to Muthukandiya Scheme, Monaragala District : Pre- feasibility Studies - Work progressing
- Capacity enhancement of Puhulwatta Reservoir (passara) : Design proposal has been completed and submitted.

- Rehabilitation of Arawatta tank under IWWRM Project
: Proposal has been submitted
- Kolellawatta Tank
: Pre-feasibility report has been submitted.
- Studying of water management plan for Kande Ela & ambewela irrigation Scheme for allocate water for NWS & DB for drinking purpose
: Proposal has been submitted

12.3.4 Allocation Distribution and Expenditure

Table 12-8: Allocation Distribution and Expenditure

Vote	Allocation (Rs.)	Expenditure (Rs.)	Physical Progress(%)
Management Supporting Service 282-2-2-0-2001(11)-14	165,000.00	144,732.13	75%
Uma Oya 282-2-3-32-2506(11)	605,000.00	498,737.33	82.5%
Uma Oya 282-2-3-52-2506(11)	200,000.00	165,232.06	83%
Feasibility Studies for Major, Medium Irrigation Projects and Survey /Soil/Geo/T thechnical Investigation 282-2-2-2507-11-8	1,025,000.00	744,112.91	73%

12.3.5 Staff Position

Table 12-9: Staff Position

No	Designation	Approval Cader	Present Cader	Deficit/Excess
1	Director of Irrigation	1	1	0
2	Chief Engineer		1	0
3	Irrigation Engineer	4	4	0
4	DA		1	
5	DOA	1	0	1
6	Development Officer	1	0	1
7	Enginring Assistant	4	0	4
8	Draftsman	3	0	3
9	Management Service Officer	2	2	0
10	Driver	2	1	1
11	Office employee	1	1	0
12	Labour (Data Analyst)		1	0
13	Labour (Draftsman)		1	0
14	Labour (Office & Field watcher)	1	1	0
15	Assistant draftsman (Monthly Contract Basis)		2	0

13 Irrigation Training Institute

13.1.1 Introduction

Irrigation Training Institute at Galgamuwa conducts the Diploma in Irrigation Engineering (three year full time) course in order to fulfill the staff requirement of Engineering Assistants of the irrigation department, as well as many other in-service training programs and efficiency bar examinations of many categories of officers of the irrigation department regularly and simultaneously.

13.1.2 Objective

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

13.1.3 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

13.1.4 Performance

a. In service Training Programme for Department officers -2022

Totally 07 numbers of in-service training programs were conducted. There are, Training Programme for Survey Helpers of Hydrology & Disaster Management Branch of Irrigation Department, Two number of training programs on Training of Modern Irrigation system Design for Engineers in Irrigation Department conducted by ADB, Training Programme for preparing Construction Schedule using MS Project was conducted in September and Training programme for Newly Recruited Engineers and Scientific officers of Irrigation Department was conducted via ZOOM Technology. Following Technical examinations and Efficiency bar exams were conducted during the year.

- Junior Technical Examination (Practical) for Engineering Assistants – 2021
- Senior/Junior Technical Examination (Practical) for Engineering Assistants - 2021
- Efficiency Bar Examination for Engineering Assistants in Grade II – 2022
- Efficiency Bar Examination for Technical Aids in Grade III – 2021
- Efficiency Bar Examination for SLSS officers in Class III – 2021
- First Efficiency Bar Examination for Engineers in SLES Grade III – 2022

b. Outside training programmes conducted in 2022

1. Training Program for officers of Climate Smart Irrigated Agriculture Project (CSIAP) from 07th January 2022.
2. Training Program for officers of Agriculture Sector Modernization Project from 08th January 2022.
3. Training Program on Preparation of estimates for Tank Rehabilitation for officers of Climate Smart Agriculture Project (CSIAP) from 24th to 28th January 2022.
4. Providing Facilities for Survey camp for Civil Engineering Students of University of Sri Jayawardhanapura from 04th to 19th February 2022.
5. Awareness Programme for officers of ESCAMP Project from 03rd March 2022.
6. Awareness Programme with Provincial Department of Agriculture officers – NWP from 21st April 2022.
7. Discussion on “sustainable electric Elephant fence” conducted by Agriculture sector modernization project from 03rd of May 2022.
8. Training Program for government officers under the WAWUGAM PUBUDUWA Program, Mahaweli Development Ministry from 26th to 27th May 2022.
9. Workshop of Climate Smart Irrigated Agriculture Project - NWP from 07th to 09th June 2022.
10. Training Program for Agriculture Facilities from 1st to 02nd September 2022.
11. Survey Camp for CINEC Campus, Faculty of Engineering and Technology students from 30th August to 03rd Sep 2022.
12. Workshop of Climate Smart Irrigated Agriculture Project for government officers and CSIAP officers of - NWP from 13th September 2022.
13. TOT Program on seasonal cultivation fence for DAD officers and safeguard officers in CSIAP officers from 31st October to 03rd of November 2022.
14. Training Program of Irrigation works for TOO of Puttalam Kachcheri from 09th to 11th November 2022.
15. Training Program on Performing Hydrological studies using software models or the Engineering NWP from 14th to 18th November.
16. Second training program on performing Hydrological studies using software models or the Engineering NWP from 28th of November 02nd of 2022.



Figure 13-1: Training Programme for Survey Helpers of Hydrology & Disaster



Figure 13-2: Training of Modern Irrigation system Design for Engineers in Irrigation Department conducted by ADB



Figure 13-3: Training Program on Irrigation works for TOO of Puttalam Kachcheri



Figure 13-4: Training Programme for preparing Construction Schedule using MS Project

13.1.5 Allocation Distribution and Expenditure

Table 13-1: Allocation Distribution and Expenditure

No	Vote	Allocation Rs.'000	Expenditure Rs.'000	Physical Progress %
1	Operation & Maintenance & service of training and other equipment at ITI Galgamuwa 282-02-02-0-2002(11)-2	5,000	4,988	100%
2	Maintenance & Improvements to Building 282-02-02-0-2001-(11)-1	1,650	1,649	100%
3	Conducting Efficiency Bar Exams and other programmers related to SOR of Relevant services 282-01-01-0-2401-11-(3)	1,419	1,114	100%
4	Improvement to Vehicles 282-01-01-0-2003(11)	42	42	100%
5	Maintenance & Improvements to Model farm 282-02-2-0-2001-(11)-20	250	248	100%
6	Training at Galgamuwa ITI, Kothmale, Regional, Zones. 282-02-02-2401-11-(1)	1,629	1,609	100%
7	O & M Gravity Irrigation Works 282-02-2-1-2001-(11) -2	750	746	100%
	Total	10,740	10396	

13.1.6 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	2	1	1
3	Irrigation Engineer	6	3	-3
4	Divisional Assistant	1	1	-
5	Engineering Assistant	4	3	-1
6	Development Officer	1	3	+2
7	Draughtsman	1	0	1
8	Management Service officer	3	3	-1
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	0	-2
15	Lab Assistant	1	1	-
16	Laborer (25/2014)	-	11	-
17	Labourer	-	1	-

14 Other Projects Implemented by the Irrigation Department

14.1 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 – 2021
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 no.of Farmer families.
- Improved canal systems.
- Main canal – 110km, D canals – 280km, Field canals – 480 km in selected project area
- Improved farm roads of 320km.
- Establishing a flow measurement network.
- Establishing GIS database project monitoring system & effective irrigation scheme performance assessment programme.
- Improved farm products with value added mechanisms and marketing facilities.

The project was funded by local consolidation funds and started in 2017 with Rs. 300Million. In 2018, 2019, 2020 and 2021 Rs. Million 500, 1000, 366 and 231 allocations were granted respectively. Most of the initial activities such as farmers and officers' awareness, baseline survey, and preparation of Joint Action Plans (JAP) and field surveys were carried out during the first two years of the project in addition to the physical work progress.

In 2022, only the continuation works of the project were carried out. All the activities are formulated with the participation of farmers and having a series of meetings at scheme level. As entire project progress was disturbed due to the several external factors such as fuel and fertilizers problem limited allocation of about Rs.139 Million was received. But, all the essential works proposed by the farmer organization in previous year were fulfilled by the given allocation. As a result overall successful cultivation performance was achieved in the project area.

14.2 Wari Saubhagya National Programme for Rehabilitation of Rural Tank and Anicut

This project is basically implemented to strengthen the rural lives and local agriculture in Sri Lanka by enhancing the irrigable area through rehabilitation of tanks enhancing their capacities. About 250,000 families in all districts are benefited by this project.

Expected outcomes of this program are,

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

The total estimated cost of the project is Rs. 5141 million and project duration is 2 years (2021-2022). The allocation for 2022 is Rs. 1323.9 million.

Table 14-1: Summary of the work carried out updated on 31.12.2022

No.	Region	No. of Projects	No. of Completed Projects	Expenditure (Rs.)	
				End of 2021	End Of 2022
1	Ampara	49	46	137,924,023.52	60,971,181.72
2	Anuradhapura	53	36	266,726,573.99	160,023,015.20
3	Badulla	37	37	71,135,950.56	20,291,090.00
4	Batticaloa	23	20	225,035,835.41	86,412,485.41
5	Colombo	12	9	37,310,323.01	19,423,330.14
6	Gampaha	12	6	11,545,416.42	13,443,847.74
7	Rathnapura	20	20	30,091,805.49	935,446.00
8	Kalutara	12	8	20,852,567.16	11,524,096.53
9	Galle	53	46	26,317,555.30	18,909,752.60
10	Matara	70	68	46,824,896.00	15,523,441.67
11	Hambantota	40	18	166,728,093.16	140,173,960.29
12	Kandy	35	34	68,653,155.55	46,252,194.47
13	Matale	19	12	66,905,237.86	20,109,854.35
14	Nuwaraeliya	8	8	25,453,169.64	15,908,640.64
15	Kegalle	6	6	7,399,950.90	7,046,978.02
16	Kurunegala	78	71	217,072,517.03	175,218,080.14
17	Mannar	36	17	112,085,559.04	37,572,440.32
18	Vavuniya	17	16	94,105,970.26	24,490,604.00
19	Monaragala	24	21	112,359,819.42	80,368,323.64
20	Polonnaruwa	29	20	88,023,814.90	53,042,801.94
21	Puttalam	25	25	101,075,078.34	37,149,517.98
22	Trincomalee	37	35	313,220,339.00	60,125,682.46
23	Mullativu	6	6	27,171,382.65	4,563,926.02
24	Kilinochchi	5	5	4,519,060.97	2,766,217.23
25	Jaffna	33	8	4,711,057.50	5,727,204.39
Total		739	598	2,283,249,153	1,117,974,113

14.3 World Bank Funded Integrated Watershed & Water Resources Management Project (IWRMP)

The main objective of the IWRMP is to restore priority Watersheds, enhance functionality of Water Resources Infrastructure, and strengthen institutional capacity of Water resources Management. IWRMP consists of 04 components. The present total allocation for the Irrigation Department is US\$ Mn 6.42 under 2nd component of the project. The estimates, Social Screening Reports, Environmental Screening Reports and Bidding documents were prepared to show the readiness of the project. Accordingly, 29 nos. of items were planned under the Irrigation Department. Then the position of the IWRMP Project items at the end of 2022 is as follows.

Project initiated at end of 2018

Project agreement signed in May 2021

Total number of packages included from ID- 29 Packages

Approved allocation at present - 6.42 US\$ Mn

First priority - 6.42 US\$ Mn (Rs. 2311.2 Mn)
 No of packages - 13
 Construction in progress (02 Packages) - Rs. 88.059 Mn
 Awarding stage (02 Packages) - Rs. 702.16 Mn
 Called for Bid (04 Packages) - Rs. 979.24 Mn
 Estimate preparation stage (05 Packages) - Rs. 541.741Mn
 Purchasing of Drilling machine - In progress
 Senanayaka Samudraya Feasibility study (Consultancy Package) - In progress

Details for second priority items

Allocation - 4.32 US\$ Mn

No of packages - 12

Table 14-2: Position of works under IWRMP up to end of 2022

Item No	Description	Approved Estimated cost (LKR million)	Status of item
01	Improvement to Arawatta tank bund in Nagadeepa scheme	41.20	Construction in Progress (Physical progress- 35% Financial progress =4%)
02	Rehabilitation of tank bund (1.5 km) including Rip Rap and sluice of Mahalindawewa Tank	54.63	Construction in Progress (Physical progress- 80% Financial progress =20.8%)
03	Improvement to Bund (1 km), rip rap Protection, Instrumentation and Toe filter & drain of Senanayaka Samudraya Reservoir	597.22	Letter of acceptance is given
04	Rehabilitation of Dewahuwa Scheme	104.94	Contract awarding stage
05	Rehabilitation of D1, D2, D4 canals in Bathalagoda Scheme	123.97	TEC evaluating the bid documents

06	Rehabilitation of D5, D7, D7 RB canals in Bathalagoda Scheme	88.24	TEC evaluating the bid documents
07	Rehabilitation of Muhathankulam Scheme	230.69	TEC evaluating the bid documents
08	Rehabilitation of Akathimurippu Tank	536.34	Bid documents issued to bidders
09	Improvements to Main Canal (LB) of Huruluwewa Scheme	-	Preparing revised estimate at division
10	Improvements to Huruluwewa Main Canal (RB)	-	Preparing revised estimate at division
11	Rehabilitation of Nagadeepa Tank (Rehabilitation of tank bund, sluice & spill of Nagadeepa Tank)	-	Preparing revised estimate at division
12	Rehabilitation of Hattota Anicut Scheme (from 0+000 to 5+000 of main canal)	-	Estimate is checking at Kandy Regional office
13	Rehabilitation of Hattota Anicut Scheme (From 5+000 to 10+175 main canal)	-	Preparing revised estimate at division

Annex 01: Financial Performance

Financial performance

Programme 01 - Operational Activities

Rs. '000

Project	Object Code	Description	2021 Estimate	2021 Actual	2022 Estimate	2022 Actual	Increase/ Decrease Over 2021 Expenditure	Increase/ Decrease based on Actual Expenditure 2021 %
1		Recurrent Expenditure	737,475	707,272	809,000	775,231	67,959	9.61
		Personal Emoluments	610,500	587,250	661,500	632,027	44,777	7.62
	1001	Salaries and Wages	433,000	420,352	440,000	413,593	(6,759)	(1.61)
	1002	Over Time and Holiday Payments	8,500	7,642	7,500	7,500	(142)	(1.86)
	1003	Other Allowances	169,000	159,256	214,000	210,934	51,678	32.45
		Travelling Expenses	5,000	4,091	5,000	3,516	(575)	(14)
	1101	Domestic	5,000	4,091	5,000	3,516	(575)	(14.06)
	1102	Foreign	-	-	-	-	-	-
		Supplies	32,900	32,852	42,900	46,758	13,906	42.33
	1201	Stationery and Office Requisites	10,500	10,478	9,400	9,131	(1,347)	(12.86)
	1202	Fuel	22,000	21,979	33,000	37,380	15,401	70.07
	1203	Diets and Uniform	400	395	500	247	(148)	(37.47)
		Maintenance Expenditure	17,700	17,670	17,600	18,967	1,297	7.34
	1301	Vehicles	15,500	15,470	15,000	14,678	(792)	(5.12)
	1302	Plant and Machinery	2,200	2,200	2,600	4,289	2,089	94.95
		Contractual Services	65,975	60,399	76,500	63,687	3,288	5.44
	1401	Transport	12,000	11,859	12,000	12,150	291	2.45
	1402	postal and Communication	15,000	12,996	12,500	12,209	(787)	(6.06)
	1403	Electricity & Water	18,650	15,364	22,500	15,399	35	0.23
	1404	Rents and Local Taxes	3,125	3,123	3,500	3,123	-	-
	1408	Lease rental for Vehicle Procured	-	-	-	-	-	-
	1409	Other	17,200	17,057	26,000	20,806	3,749	21.98

Project	Object Code	Description	2021 Estimate	2021 Actual	2022 Estimate	2022 Actual	Increase/ Decrease Over 2021 Expenditure	Increase/ Decrease based on Actual Expenditure 2021 %
1		Transfer	5,400	5,010	5,500	6,668	1,658	33.10
	1502	Retirements Benefits	-	-	-	-	-	-
	1505	Subscriptions and contributions Fees	2,100	1,970	2,100	3,168	1,198	60.81
	1506	Property Loan Interest to Public Servants	3,300	3,040	3,400	3,500	460	15.13
		Other Recurrent Expenditure	-	-	-	3,608	3,608	-
	1701	Losses & Write off	-	-	-	3,608	3,608	0
		Capital Expenditure	83,000	81,360	40,000	37,912	(43,448)	(53.4)
		Rehabilitation and Improvement of Capital Assets	75,000	73,896	38,000	36,375	(37,521)	(50.77)
	2001	Building and Structures	50,000	50,000	20,000	20,459	(29,541)	(59.08)
	2002	Plant Machinery and equipment	5,000	5,000	3,000	2,834	(2,166)	(43.32)
	2003	Vehicles	20,000	18,896	15,000	13,082	(5,814)	(30.77)
		Acquisition of Capital Assets	2,000	2,000	-	-	(2,000)	(100)
	2102	Furniture and Office Equipment	2,000	2,000	-	-	(2,000)	(100)
		Human Resource Development	6,000	5,464	2,000	1,537	(3,927)	(71.87)
2401	Staff Training	6,000	5,464	2,000	1,537	(3,927)	(71.87)	
	Total Expenditure	820,475	788,632	849,000	813,143	24,511	3.11	

Programme 02 - Development Activities

Project	Object Code	Description	2021 Estimate	2021 Actual	2022 Estimate	2022 Actual	Increase/ Decrease Over 2021 Expenditure	Increase/ Decrease based on Actual Expenditure 2021 %
2		Recurrent Expenditure	2,562,435	2,506,295	2,793,693	2,778,740	272,445	10.87
		Personal Emoluments	2,369,600	2,318,508	2,580,082	2,568,942	250,434	10.8
	1001	Salaries and Wages	1,710,000	1,682,475	1,693,000	1,686,322	3,847	0.23
	1002	Over Time and Holiday Payments	24,600	24,512	20,500	20,484	(4,028)	(16.43)
	1003	Other Allowances	635,000	611,521	866,582	862,136	250,615	40.98
		Travelling Expenses	16,000	15,890	16,600	16,426	536	3.37
	1101	Domestic	16,000	15,890	16,600	16,426	536	3.37
		Supplies	95,410	92,415	98,718	98,531	6,116	6.62
	1201	Stationery and Office Requisites	8,000	7,992	7,918	7,867	(125)	(1.56)
	1202	Fuel	86,000	83,022	89,400	89,276	6,254	7.53
	1203	Diets and Uniform	1,410	1,401	1,400	1,388	(13)	(0.93)
		Maintenance Expenditure	14,000	13,925	22,998	22,859	8,934	64.16
	1301	Vehicles	13,000	12,955	20,744	20,684	7,729	59.66
	1302	Plant and Machinery	1,000	970	2,254	2,175	1,205	124.23
		Contractual Services	59,025	57,471	66,695	63,734	6,263	10.90
	1401	Transport	1,800	1,800	2,450	2,450	650	36.11
	1402	Postal and Communication	16,000	15,831	17,000	14,906	(925)	(5.84)
	1403	Electricity & Water	38,000	36,668	43,645	43,073	6,405	17.47
	1404	Rents and Local Taxes	2,825	2,807	3,300	3,284	477	16.99
	1405	Other	-	-	-	-	-	-
	1408	Lease rental for Vehicle Procured	-	-	-	-	-	-
	1409	Other	400	365	300	21	(344)	(94.25)

Project	Object Code	Description	2021 Estimate	2021 Actual	2022 Estimate	2022 Actual	Increase/ Decrease Over 2021 Expenditure	Increase/ Decrease based on Actual Expenditure 20201 %
2		Transfer	8,400	8,086	8,600	8,248	162	2
	1505	Subscriptions and Contribution Fees	400	400	600	481	81	20.25
	1506	Property Loan Interest to Public Servants	8,000	7,686	8,000	7,767	81	1.05
		Other Recurrent Expenditure	-	-	-	-	-	-
	1703	Implementation of the Official Languages Policy	-	-	-	-	-	-
		Capital Expenditure	11,685,590	8,798,384	6,126,000	5,197,749	(3,600,635)	(40.92)
		Rehabilitation and Improvement of Capital Assets	656,500	627,529	145,500	139,729	(487,800)	(77.73)
	2001	Building and Structures	511,500	496,448	50,000	49,614	(446,834)	(90.01)
	2002	Plant Machinery and equipment	110,000	97,186	70,500	66,786	(30,400)	(31.28)
	2003	Vehicles	35,000	33,895	25,000	23,329	(10,566)	(31.17)
		Acquisition of Capital Assets	311,000	279,679	67,500	59,428	(220,251)	(78.75)
	2101	Vehicles	-	-	-	-	-	-
	2102	Furniture and Office Equipment	5,000	1,738	-	-	(1,738)	(100.00)
	2103	Plant Machinery and equipment	240,000	214,638	52,000	43,950	(170,688)	(79.52)
	2104	Building and Structures	66,000	63,303	15,500	15,478	(47,825)	(75.55)
		Human Resource Development	10,000	9,326	4,000	3,945	(5,381)	(57.70)
	2401	Staff Training	10,000	9,326	4,000	3,945	(5,381)	(57.70)
		Other Capital Expenditure						
	2503	Contingency Services	7,000	6,721	-	-	(6,721)	(100.00)
	2505	Procurement Preparedness	7,500	6,756	10,000	8,569	1,813	26.84
	2507	Research & Development	101,300	95,513	75,000	73,264	(22,249)	(23.29)

Project	Object Code	Description	2021 Estimate	2021 Actual	2022 Estimate	2022 Actual	Increase/ Decrease Over 2020 Expenditure	Increase/ Decrease based on Actual Expenditure 2020 %
	2001	Gravity Irrigation Works	700,000	679,237	474,000	470,148	(209,089)	(30.78)
		Building & Structures	700,000	679,237	474,000	470,148	(209,089)	(30.78)
	2001	Improvements to major Irrigation Works					-	-
		Building & Structures	-	-	-	-	-	-
	2001	Additions and Improvements to Existing Irrigation Works					-	-
		Irrigation Works	-	-	-	-	-	-
	2001	Essential Rehabilitation in selected Major Irrigation Schemes	800,000	760,700	500,000	478,908	(281,792)	(37.04)
		Essential Rehabilitation	800,000	760,700	500,000	478,908	(281,792)	(37.04)
	2105	River Basin Development & Management	400,000	355,573	100,000	98,293	(257,280)	(72.36)
		River Basin Development & Management	400,000	355,573	100,000	98,293	(257,280)	(72.36)
	2105	Lands and Land Improvement	7,701,000	5,316,238	2,048,000	1,485,577	(3,830,661)	(72.06)
	2506	Infrastructure Development	991,290	661,112	2,702,000	2,379,888	1,718,776	259.98
		Total Expenditure	14,248,025	11,304,679	8,919,693	7,976,489	(3,328,190)	(29.44)

Annex 02: Committed Expenditure 2022

Head – 282

Programme 01 - Operational Activities

Project - 01 -Administration & Establishment Services

Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Revised Budget Allocation (Rs.'000)	Expenditure up to end of December 2022 (Rs'000)	Financial Progress %
1					Capital Expenditure			
					Rehabilitation and Improvements of Capital Assets	38,500	36,375	94
1	2001	11			Buildings and Structures	20,500	20,459	100
			1		Irrigation Secretariat	13,500	13,496	100
			2		Expansion of facilities at ITI Galgamuwa	-	-	-
			3		Rehabilitation of Ratmalana Housing Scheme	7,000	6,963	100
			4		Improvements to Laboratories in HeadOffice	-	-	-
1	2002	11			Plant Machinery & Equipment	3,000	2,834	94
1	2003	11			Vehicles	15,000	13,082	87
					Acquisition of Capital Assets	-	-	-
1	2102	11			Furniture and Office Equipment	-	-	-
					Capacity Building	2,000	1,537	77
1	2401	11			Staff Training	2,000	1,537	77
			1		Attending Training programmes, International events , bi lateral agreements and Funding programmes	250	-	-
			2		Attending Local Training programmes	-	-	-
			3		Conducting Efficiency bar exams and other programmes related to SOR of relevent services.	1,750	1,537	88
					Total Expenditure – Project 1	40,500	37,911	94

Head – 282

Programme 01 - Operational Activities

Project - 02 - Administration & Maintenance of Irrigation Schemes

Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Revised Budget Allocation (Rs.'000)	Expenditure up to end of December 2022 (Rs'000)	Financial Progress %
2					Capital Expenditure			
	2001	11			Rehabilitation and Improvement of Capital Assets	145,500	139,729	96
					Buildings and Structures	50,000	49,614	99
			1		Maintenance and Improvements to Buildings	7,105	7,104	100
			2		Operation and Maintanance of Gravity Irrigation Works	1,000	993	99
			3		Operation and Maintanance of Lift Irrigation Works	500	500	100
			4		Operation and Maintenance of Drainage and Flood Protection Works	7,295	6,995	96
			5		Maintenance of Departmental Roads in Irrigation Schemes	6,162	6,162	100
			6		Maintenance & Improvements to Mahanuwara Wewa	999	999	100
			7		Electrical / Electro Mechanical Installations	700	700	100
			8		Farmer Organization Development and Farm Productivity & Profitability	500	444	89
			9		Flood Damage repairs and other repairs due to natural Disasters	13,610	13,610	100
			10		Improvements to Head Works of Tanks for Additional Safety	4,066	4,066	100
			11		Recovery of Possession and Safeguarding of Departmental Lands and Reservations	-	-	-
			12		Management supporting facilities for O&M	1,053	1,038	99
			13		Remedial measures to safeguard crops during emergency situations	214	214	100
			14		Protection of upper catchment and water shed management	198	193	97
			15		Maintenance of Department Circuits	1,908	1,908	100
			16		Improvements to spill tail canal & Drainage system in Irrigation schemes	1,310	1,310	100
			17		Improvements to Mechanical Workshops	500	500	100
			18		Improvements and maintenance of Hydrological Gauging Stations	192	189	99
			19		Improvements to feeder canals	2,189	2,189	100
			20		Maintenance and Improvements to model farms	499	499	100

Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Revised Budget Allocation (Rs.'000)	Expenditure up to end of December 2022 (Rs'000)	Financial Progress %
	2002	11			Plant, Machinery and Equipment	70,500	66,786	95
			1		Plant, Machinery and Equipment	65,500	62,122	95
			2		Operation & Maintenance & Service of training & other equipment at ITI Galgamuwa	5,000	4,664	93
	2003	11			Vehicles	25,000	23,330	93
					Acquisition of Capital Assets	67,500	59,428	88
	2102	11			Furniture and Office Equipment	-	-	-
	2103	11			Plant, Machinery and Equipment	52,000	43,950	85
			1		Purchase of Machinery	40,000	39,950	100
			2		Purchase of Equipment for ITI Galgamuwa	-	-	-
			3		Purchase of Instruments and required tools for LUD, Hydraulics lab, Geology lab, Engineering Materials lab, Hydrology and GIS divisions.	12,000	4,000	33
			4		Purchase of Communication Equipment	-	-	-
			5		Purchases of O&M Machinery & field Equipment	-	-	-
			6		Purchase of equipments for Mechanical Workshop	-	-	-
			7		Purchase of Engineering, Administration and Management software and updates	-	-	-
	2104	11			Buildings and Structures	15,500	15,478	100
			1		Construction of bachelor's quarters for EAA(Ladies) in Pottuvil DIE office	-	-	-
			2		Construction of bachelor's quarters for EAA(Gents) in Pottuvil DIE office	-	-	-
			3		Construction of Geological Workshop building at Ratmalana (New)	-	-	-
			4		Balance work of Construction of quarters in Kurunegala DI office	-	-	-
			5		Balance work of Construction of senior officers quarters in Jawaththa	12,628	12,607	100
			6		Construction of new Workshop building for Ratmalana Mechanical workshop (New)	-	-	-
			7		Construction of Drivers Quarters and Record room in Lot 34	-	-	-
			8		Balance work of Construction of Kalmunai DIE's offices	178	178	100
			9		Balance work of Construction of Central Zonal offices	2,694	2,694	100

Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Revised Budget Allocation (Rs.'000)	Expenditure up to end of December 2022 (Rs'000)	Financial Progress %
			10		Construction of Kataragama circuit Bungalow	-	-	-
			11		Construction of Workshop building for Rambewa Mechanical workshop (New)	-	-	-
	2401	11			Capacity Building	4,000	3,945	99
					Staff Training	4,000	3,945	99
			1		Training at Galgamuwa ITI,Kotmale, Regional & Zones	4,000	3,945	99
			2		Training programme conducted with the collaboration of foreign institute	-	-	-
	2505	11			Other Capital Expenditure	85,000	81,833	96
					Procurement Preparedness	10,000	8,569	86
			1		Facilities for data analysis and Documentation for Investigation works	5,890	5,330	90
			2		Arbitration Fees	440	130	30
			3		Tender Evaluation and Publicity of Major Contracts	1,600	1,600	100
			4		Publicity and Registration of Suppliers for Procurement of Machinery and Equipment	2,070	1,509	73
	2507	11			Research & Development	75,000	73,264	98
			008		Feasibility Studies	53,000	52,883	100
			1		Feasibility Studies for Major ,Medium Irrigation Projects and surveys/soil/Geo Technical Investigations	13,274	13,273	100
			2		Environmental Impact Assessment Studies (EIA)	2,052	2,048	100
			3		Surveying & Investigation of existing Schemes	2,431	2,430	100
			4		Hydrological Studies and data Collection	22,106	22,104	100
			5		Land Use Studies	2,137	2,133	100
			6		Geological Studies	3,897	3,795	97
			7		Hydraulic Model Studies	1,384	1,383	100
			8		Engineering Material Studies	2,329	2,328	100
			9		Geo informatics studies	805	805	100
			10		Water quality monitoring of Reservoirs and Rivers	2,587	2,583	100

Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Revised Budget Allocation (Rs.'000)	Expenditure up to end of December 2022 (Rs'000)	Financial Progress %
001	2001	11	009		Specialized Studies	13,000	12,940	100
				1	Hydrological Studies and data Collection	8,745	8,742	100
				2	Land Use Studies	60	57	95
				3	Geological Studies	791	738	93
				4	Hydraulic Model Studies	100	98	98
				5	Engineering Material Studies	999	999	100
				6	Geo informatics studies	-	-	-
				7	Calibration & Water management Studies	1,818	1,818	100
				8	Research Support & Process Improvement	-	-	-
				9	Establishment of water quality monitoring units	487	487	100
			10	Demonstration Irrigation systems on new technology at ITI Galgamuwa	-	-	-	
			010		Enhancing & Upgrading the Irrigation Department IT & other Capabilities	9,000	7,441	83
				1	Computerization and networking of the Irrigation Department to enhance and upgrade the Engineering and Management Processes	2,417	1,628	67
				2	Improving and Upgrading the Hydrological Monitoring and Flood Warning capabilities of the Hydrology Division	750	750	100
				3	Management supporting facilities for Human Resources Development	2,035	1,699	83
				4	Publicity related Activities,Project Monitoring and Evaluation	60	47	78
				5	Welfare facilities	800	482	60
				6	Land & Legal Matters	826	732	89
				7	Activities related to water day	2,112	2,103	100
				8	Activities related to River day	-	-	-
					Gravity Irrigation Works	474,000	470,148	99
				1	Establishment & Improvement of Unit Offices	9,180	8,370	91
				2	Gravity Irrigation works	450,820	447,983	99
3	Improvements to water Management and conveyance efficiency	14,000		13,796	99			

Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Revised Budget Allocation (Rs.'000)	Expenditure up to end of December 2022 (Rs'000)	Financial Progress %
004	2001	11			Essential Rehabilitation in selected Major Irrigation Schemes	500,000	478,908	99
005	2105	11			River Basin Development and Management	100,000	98,293	98
				1	Sediment transport studies & data collection	-	-	
				2	Establishing river profiles in major rivers	16,976	16,975	100
				3	Establishment of new hydrological gauging station in major rivers	7,126	7,126	100
				4	Hydraulic Model Studies for Riverine Management	-	-	
				5	Community awareness	494	494	100
				6	Embankment Protection	45,228	43,522	96
				7	Water Quality Monitoring	-	-	
				8	Clean river programme	5,255	5,255	100
				9	River Basin Management	24,921	24,921	100
					Total Expenditure – Project 2	1,376,000	1,332,284	97

Programme 02 – Development Activities

Project 03–Major Irrigation Schemes

Name of the Project	Revised Budget Allocation (Rs'000)	Cumulative Expenditure up to end of December 2022 (Rs'000)	Progress Against Allocation %
Yan Oya Project 282-02-03-05-2105-11	800,000	616,282	77
Lower Uva Project 282-02-03-07-2105-11	60,000	60,000	100
Mahagona Wewa Project 282-02-03-09-2105-11	13,000	12,999	100
Morana Reservoir 282-02-03-13-2105-11	130,000	82,483	63
Ellawewa Reservoir 282-02-03-14-2506-11	100,000	93,199	93
Kumbukkanoya Reservoir 282-02-03-17-2105-11	127,000	98,894	78
Rugam-Kitulgama Reservoir (Mundeni Aru Basin Development Project) 282-02-03-19-2105-11	253,000	49,780	20
Polonnaruwa District Irrigation Development project 282-02-03-21-2105-11	50,000	47,297	95
Accelerated Irrigation Development Project in Monaragala District (Wellassa Navodaya) 282-02-03-22-2105-11	150,000	148,993	99
Kelani River Bund Protection 282-02-03-23-2105-11	145,000	95,782	66
Development and Improvement of Godigamuwa Tank in Matale District 282-02-03-25-2105-11	50,000	36,829	74
Flood Mitigation Projects in Kelaniganga, Mundeni aru basin , Kaluganga basin, Nilwala ganga basin & Ginganga 282-02-03-26-2105-11	100,000	84,496	84
Rehabilitation of Kudawilachchiya Reservoir 282-02-03-30-2506-11	86,000	56,753	66
Rehabilitation of Dematagalla Tank 282-02-03-31-2506-11	10,000	1,653	17
Uma Oya Down Stream Development Project (Construction of Alikota Ara storage Reservoir & Kuda Oya Storage Reservoir) 282-02-03-32-506-11	2,060,000	2,006,672	97
Himbiliyakada Waththegedara Irrigation Infrastructure Development Project 282-02-03-34-2506-11	271,000	221,610	82
Water Resources Development 10 Districts 282-02-03-35-2506-11	150,000	-	-
Total Expenditure – Project 3	4,555,000	3,713,723	82

Programme 02 – Development Activities
 Project 04– Medium Irrigation Schemes

Name of the Project	Revised Budget Allocation (Rs'000)	Cumulative Expenditure up to end of December 2022 (Rs'000)	Progress Against Allocation %
Wilakandiya Reservoir 282-02-04-44-2105-11	40,000	39,999	100
Augmentation of Mahagalgamuwa Tank 282-02-04-47-2105-11	30,000	13,450	45
Construction of Pethiyagoda Pump House 282-02-04-48-2506-11	25,000	-	-
Total Expenditure – Project 4	95,000	53,449	56

Annex 03: Cadre Position of the Department

	Designation	Service	Grade / Class	Salary Code	Service Level	Approved Cadre	Existing Cadre as at 01/01/2023	Vacant
1	වත්මන් අධ්‍යක්ෂ ජනරාල් - Director General of Irrigation		Special	SL 3	Senior	1	1	0
2	අතිරේක වත්මන් අධ්‍යක්ෂ ජනරාල් - Additional Director General of Irrigation	SLEgS	Special	SL 3	Senior	4	1	3
3	අතිරේක අධ්‍යක්ෂ ජනරාල් - Additional Director General	SLAS	Special	SL 3	Senior	1	0	1
4	ප්‍රධාන මූල්‍ය නිලධාරී - Chief Financial Officer	SLAcS	Special	SL 3	Senior	1	1	0
5	වත්මන් අධ්‍යක්ෂ (සිවිල්) - Director of Irrigation (Civil)	SLEgS	I	SL 1	Senior	36	34	2
6	වත්මන් අධ්‍යක්ෂ (යන්ත්‍රික) - Director of Irrigation (Mechanical)	SLEgS	I	SL 1	Senior	3	3	0
7	ප්‍රධාන ඉංජිනේරු (සිවිල්) - Chief Engineer (Civil)	SLEgS	I	SL 1	Senior	40	23	17
8	ප්‍රධාන ඉංජිනේරු (යන්ත්‍රික) - Chief Engineer (Mechanical)	SLEgS	I	SL 1	Senior	3	0	3
9	ඉංජිනේරු (සිවිල්) - Engineer (Civil)	SLEgS	III/II	SL 1	Senior	229	198	31
10	භූ සම්පත් ඉංජිනේරු - Earth Resource Engineer	SLEgS	III/II	SL 1	Senior	40	38	2
11	ඉංජිනේරු (යන්ත්‍රික) - Engineer (Mechanical)	SLEgS	III/II	SL 1	Senior	25	22	3
12	ඉංජිනේරු (ලුහු විදුලි) - Engineer (Electronic)	SLEgS	III/II	SL 1	Senior	1	0	1
13	ඉංජිනේරු (බච් විදුලි) - Engineer (Electrical)	SLEgS	III/II	SL 1	Senior	1	0	1
14	අධ්‍යක්ෂ (පරිපාලන) - Director (Administration)	SLAS	I	SL 1	Senior	2	2	0
15	සහකාර අධ්‍යක්ෂ/ නියෝජ්‍ය අධ්‍යක්ෂ (පරිපාලන) - Assistant Director/Deputy Director (Administration)	SLAS	III/II	SL 1	Senior	2	0	2
16	සහකාර අධ්‍යක්ෂ/ නියෝජ්‍ය අධ්‍යක්ෂ (ඉඩම්) - Assistant Director/Deputy Director (Land)	SLAS	III/II	SL 1	Senior	1	0	1
17	සහකාර අධ්‍යක්ෂ (තොරතුරු භාෂණ විද්‍යාත්මක) - Assistant Director (ICT)	SLICTS	I/III	SL 1	Senior	1	0	1
18	ප්‍රධාන ගණකාධිකාරී - Chief Accountant	SLAcS	I	SL 1	Senior	1	1	0
19	ප්‍රධාන ගණකාධිකාරී (ගිණුම් භාෂණ මේන්තු) - Chief Accountant (Accounts & Estimates)	SLAcS	I	SL 1	Senior	1	1	0
20	ප්‍රධාන අභ්‍යන්තර විගණක - Chief Internal Auditor	SLAcS	I	SL 1	Senior	1	1	0
21	ගණකාධිකාරී - Accountant	SLAcS	III/II	SL 1	Senior	20	19	1
22	අධ්‍යක්ෂ (ඉඩම් පරිහරණ) - Director (Land Use)	SLSS	I	SL 1	Senior	1	0	1
23	ජල විද්‍යාදත්ත අධිකාරී - Hydrological Data Superintendent	SLSS	III/II	SL 1	Senior	1	0	1
24	ජල විද්‍යාත්මක අධිකාරී - Hydrological Field Superintendent	SLSS	III/II	SL 1	Senior	1	0	1

25	ඉංජිනේරුමය ද්‍රව්‍යමය අධිකාරී - Engineering Materials Superintendent	SLSS	III/II	SL 1	Senior	1	0	1
26	සිවිල් ඉංජිනේරුමය ද්‍රව්‍යමය සමීක්ෂක අධිකාරී - Civil Engineering Materials Survey Superintendent	SLSS	III/II	SL 1	Senior	1	0	1
27	ජලශක්ති අධිකාරී - Hydrological Superintendent	SLSS	III/II	SL 1	Senior	1	0	1
28	ඉඩම් පරිහරණ අධිකාරී - Land Use Superintendent	SLSS	III/II	SL 1	Senior	3	0	3
29	ප්‍රධාන සලසුම් කාර්යාල සහකාර - Chief Drawing Office Assistant	SLSS	III/II	SL 1	Senior	1	0	1
30	විශේෂඥ නිලධාරී (ඉඩම් පරිහරණ) - Specialist Officer (Land Use)	SLSS	III/II	SL 1	Senior	2	0	2
31	සහකාර පස් රසඥ - Assistant Soil Chemist	SLSS	III/II	SL 1	Senior	5	2	3
32	පර්යේෂණ නිලධාරී (ඉඩම් පරිහරණ) - Research Officer (Land Use)	SLSS	III/II	SL 1	Senior	1	0	1
33	උපකරණ අධිකාරී - Instrument Superintendent	SLSS	III/II	SL 1	Senior	1	1	0
34	භූ විද්‍යඥ - Geologist	SLSS	III/II	SL 1	Senior	2	2	0
35	නීති නිලධාරී - Legal Officer	Dept.	III/II/I	SL 1	Senior	1	1	0
36	විදුම් අධිකාරී - Drilling Superintendent	Dept.	III/II	SL 1	Senior	1	1	0
	Total of Senior level					437	351	86
37	කෙටිදින සහකාර (යන්ත්‍රික) - Divisional Assistant (Mechanical)	SLTS	Special	MN 7	Tertiary	6	0	6
38	සලසුම් කාර්යාල සහකාර - Drawing Office Assistant	SLTS	Special	MN 7	Tertiary	31	3	28
39	සහකාර විදුම් අධිකාරී - Assistant Drilling Superintendent	SLTS	Special	MN 7	Tertiary	3	1	2
40	ජ්‍යෙෂ්ඨ ජල විද්‍යාසහකාර - Senior Hydrological Assistant	SLTS	Special	MN 7	Tertiary	2	0	2
41	ජ්‍යෙෂ්ඨ ජල විද්‍යාක්ෂේත්‍ර සහකාර - Senior Hydrological Field Assistant	SLTS	Special	MN 7	Tertiary	3	0	3
42	ජ්‍යෙෂ්ඨ පර්යේෂණ සහකාර (සිවිල් ඉංජිනේරුමය ද්‍රව්‍ය) - Senior Research Assistant (Civil Engineering, Materials)	SLTS	Special	MN 7	Tertiary	2	0	2
43	ජ්‍යෙෂ්ඨ සිවිල් ඉංජිනේරුමය ද්‍රව්‍ය සමීක්ෂක - Senior Civil Engineering Materials Surveyor	SLTS	Special	MN 7	Tertiary	4	0	4
44	සහකාර උපකරණ අධිකාරී - Assistant Instrument Superintendent	SLTS	Special	MN 7	Tertiary	1	0	1
45	ජ්‍යෙෂ්ඨ පර්යේෂණ සහකාර (ජල ශක්ති) - Senior Research Assistant (Hydraulics)	SLTS	Special	MN 7	Tertiary	1	0	1
46	ජ්‍යෙෂ්ඨ පර්යේෂණ සහකාර (සාමාන්‍ය) - Senior Research Assistant (General)	SLTS	Special	MN 7	Tertiary	1	0	1
47	ජ්‍යෙෂ්ඨ පාඨ ප්‍රස්ථාපක - Senior Soil Cartographer	SLTS	Special	MN 7	Tertiary	1	0	1
48	ජ්‍යෙෂ්ඨ පස් සමීක්ෂක - Senior Soil Surveyor	SLTS	Special	MN 7	Tertiary	3	0	3
49	පරිපලන නිලධාරී - Administrative Officer	PMAS	Supra	MN 7	Tertiary	22	14	8
50	කෙටිදින සහකාර - Divisional Assistant	EgAS	Special	MN 7	Tertiary	65	0	65
51	භාෂාපරිවර්තක - Translator	TS	II/I	MN 6	Tertiary	3	2	1

52	තොරතුරු භාෂණීයවේදන තාක්ෂණ නිලධාරී - Information & Communication Technology Officer	SLICTS	III/II/I	MN 6	Tertiary	1	0	1
53	ආයතන සංවර්ධන නිලධාරී - Institutional Development Officer	Dept.	II/I	MN 5	Tertiary	16	6	0
	Total of Tertiary level					165	26	139
54	සංවර්ධන සහකාර - Development Assistant	Asso. Officer	III/II/I	MN 4	Secondary	23	18	5
55	අයවැසි සහකාර - Budget Assistant	Asso. Officer	III/II/I	MN 4	Secondary	1	0	1
56	සංවර්ධන නිලධාරී - Development Officer	DOS	III/II/I	MN 4	Secondary	243	364	0
57	ඉංජිනේරු සහකාර - Engineering Assistants	EgAS	III/II/I	MN 3	Secondary	636	526	110
58	සලසුම් ශිල්පී - Draftsman	SLTS	III/II/I	MN 3	Secondary	266	135	131
59	විදුම් සහකාර - Drilling Assistant	SLTS	III/II/I	MN 3	Secondary	27	23	4
60	පර්යේෂණ සහකාර (සාමාන්‍ය) - Research Assistant (General)	SLTS	III/II/I	MN 3	Secondary	6	3	3
61	සිවිල් ඉංජිනේරුමය ද්‍රව්‍ය සමීක්ෂක - Civil Engineering Materials Surveyor	SLTS	III/II/I	MN 3	Secondary	38	19	19
62	පෘථු ප්‍රසිඨක - Soil Cartographer	SLTS	III/II/I	MN 3	Secondary	5	4	1
63	ජල විද්‍යා සහකාර - Hydrological Assistant	SLTS	III/II/I	MN 3	Secondary	19	11	8
64	ජල විද්‍යා ක්ෂේත්‍ර සහකාර - Hydrological Field Assistant	SLTS	III/II/I	MN 3	Secondary	32	29	3
65	පර්යේෂණ සහකාර (ඉංජිනේරුමය ද්‍රව්‍ය) - Research Assistant (Engineering Material)	SLTS	III/II/I	MN 3	Secondary	16	12	4
66	පස් සමීක්ෂක - Soil Surveyor	SLTS	III/II/I	MN 3	Secondary	28	20	8
67	පර්යේෂණ සහකාර (ජල ගැස්සීම්) - Research Assistant (Hydraulics)	SLTS	III/II/I	MN 3	Secondary	15	11	4
68	පුස්තකාල ධිපති - Librarian	SLGLS	III/II/I	MN 3	Secondary	2	0	2
69	යන්ත්‍රික මූලික - Mechanical Foreman	SLTS	III/II/I	MN 3	Secondary	22	8	14
70	කළමනාකරණ සේවනිලධාරී (Management Service Officer)	PMAS	III/II/I	MN 2	Secondary	759	580	179
71	පුස්තකාල සහකාර - Assistant Librarian	Dept.	III/II/I	MN 1	Secondary	2	0	2
72	ගබඩාභාරකරු - Store Keeper	Dept.	III/II/I	MN 1	Secondary	81	67	14
73	යතුරු ලේඛක - Typist	Dept.	III/II/I	MN 1	Secondary	4	4	0
74	ලිපිකරු - Clerk	Dept.	III/II/I	MN 1	Secondary	2	2	0
75	තාක්ෂණ සහයක (වර්මාදායක) - Technical Aide (Irrigation)	Dept.	III/II/I	MT 1	Secondary	463	445	18
76	තාක්ෂණ සහයක (යන්ත්‍රික) - Technical Aide (Mechanical)	Dept.	III/II/I	MT 1	Secondary	32	14	18
77	තොරතුරු භාෂණීයවේදන තාක්ෂණ සහකාර - Information & Communication Technology Assistant	SLICTS	3-III/3-II/3-I	MT 1	Secondary	2	0	2
	Total of Secondary level					2724	2295	429

78	රියදුරු - Driver	DS	III/II/I/Sp	PL 3	Primary	300	281	19
79	ක්‍රියකරු - Operator	Dept.	III/II/I/Sp	PL 2	Primary	125	66	59
80	ට්‍රැක්ටර් ක්‍රියකරු - Tractor Operator	Dept.	III/II/I/Sp	PL 2	Primary	100	87	13
81	විදුලි කණ්ණාඩි - Electrician	Dept.	III/II/I/Sp	PL 2	Primary	18	8	10
82	කණ්ණාඩි ශිල්පී - Mechanic	Dept.	III/II/I/Sp	PL 2	Primary	83	48	35
83	පණ්ණාඩිකරු - Welder	Dept.	III/II/I/Sp	PL 2	Primary	20	16	4
84	බෙලෙක් වඩකරු - Tinker	Dept.	III/II/I/Sp	PL 2	Primary	20	1	19
85	පින්තකරු - Painter	Dept.	III/II/I/Sp	PL 2	Primary	13	4	9
86	ලියවන පට්ටේකරු - Lathemen	Dept.	III/II/I/Sp	PL 2	Primary	6	4	2
87	සවිකරන්නා - Fitter	Dept.	III/II/I/Sp	PL 2	Primary	7	0	7
88	යන්ත්‍රකරු - Machinist	Dept.	III/II/I/Sp	PL 2	Primary	8	3	5
89	කම්මල්කරු - Blacksmith	Dept.	III/II/I/Sp	PL 2	Primary	7	2	5
90	නඩත්තු භාමෙහෙයුම් කම්කරු - Maintenance & Operating Labourer	Dept.	III/II/I/Sp	PL 2	Primary	870	440	430
91	ජල පෙම්ප ක්‍රියකරු - Pump Operator	Dept.	III/II/I/Sp	PL 2	Primary	26	11	15
92	ව්‍යුහ සමීකරණ අලුත්වඩියකරු - Air Condition Repairer	Dept.	III/II/I/Sp	PL 2	Primary	1	1	0
93	පෙදරේරු - Meson	Dept.	III/II/I/Sp	PL 2	Primary	18	9	9
94	වඩු කණ්ණාඩි - Carpenter	Dept.	III/II/I/Sp	PL 2	Primary	18	14	4
95	ජල නල කණ්ණාඩි - Plumber	Dept.	III/II/I/Sp	PL 2	Primary	1	0	1
96	උපකරණ ශිල්පී - Instrument Artificer	Dept.	III/II/I/Sp	PL 2	Primary	2	1	1
97	උපකරණ අලුත්වඩියකරු - Instrument Repairer	Dept.	III/II/I/Sp	PL 2	Primary	4	1	3
98	ජලවිද්‍යාමිත්‍රී සහයක - Hydrological Survey Labourer	Dept.	III/II/I/Sp	PL 2	Primary	110	77	33
99	සංවහක බංගලාභකරු - Circuit Bungalow Keeper	Dept.	III/II/I/Sp	PL 2	Primary	23	16	7
100	ගබඩාසහයක - Store Aide (ගබඩකරු නනතුරු 06 ඇතුළත්ව)	Dept.	III/II/I/Sp	PL 2	Primary	96	67	29
101	හෙත්මපක අලුත්වඩියකරු - Watch Repairer	Dept.	III/II/I/Sp	PL 2	Primary	1	1	0
102	වද්දුම්කරු - Fitter	Dept.	III/II/I/Sp	PL 2	Primary	7	3	4
103	පර්යේෂණාගාර සහයක - Laboratory Attendant	Dept.	III/II/I/Sp	PL 1	Primary	67	36	31
104	සලසුම් මුද්‍රණකරු/උදව්කරු - Plan Printer/ Helper	Dept.	III/II/I/Sp	PL 1	Primary	20	17	3
105	ග්‍රීසර් - Greaser	Dept.	III/II/I/Sp	PL 1	Primary	50	22	28
106	ලෙණ් සහයක/ උදව්කරු - Cleaner/ Helper	Dept.	III/II/I/Sp	PL 1	Primary	30	26	4
107	රසායනාගාර කම්කරු - Laboratory Labourer	Dept.	III/II/I/Sp	PL 1	Primary	40	24	16

108	කර්මයල කාර්ය සහයක - KKS	OES	III/II/I/Sp	PL 1	Primary	197	146	51
109	ක්ෂේත්‍ර මුරකරු - Field Watcher	Dept.	III/II/I/Sp	PL 1	Primary	96	61	35
110	ජල පලක - Irrigator	Dept.	III/II/I/Sp	PL 1	Primary	12	12	0
111	වඩ පරිපලක (කාර්යය නියුක්ත පදනම මත) - Work Supervisor (On the acting basis)	Dept.	III/II/I/Sp	PL 1	Primary	2	2	0
112	කම්කරු - Labourer	Dept.	III/II/I/Sp	PL 1	Primary	122	122	0
113	25/2014 අනුව කම්කරු - Labourer - 25/2014	Dept.	III/II/I/Sp	PL 1	Primary	1159	1159	0
114	වඩබිම් සහයක - Field Assistant	Dept.	III/II/I/Sp	PL 1	Primary	40	0	40
	Total of Primary Level					3719	2788	931
	Total					7045	5460	1585

