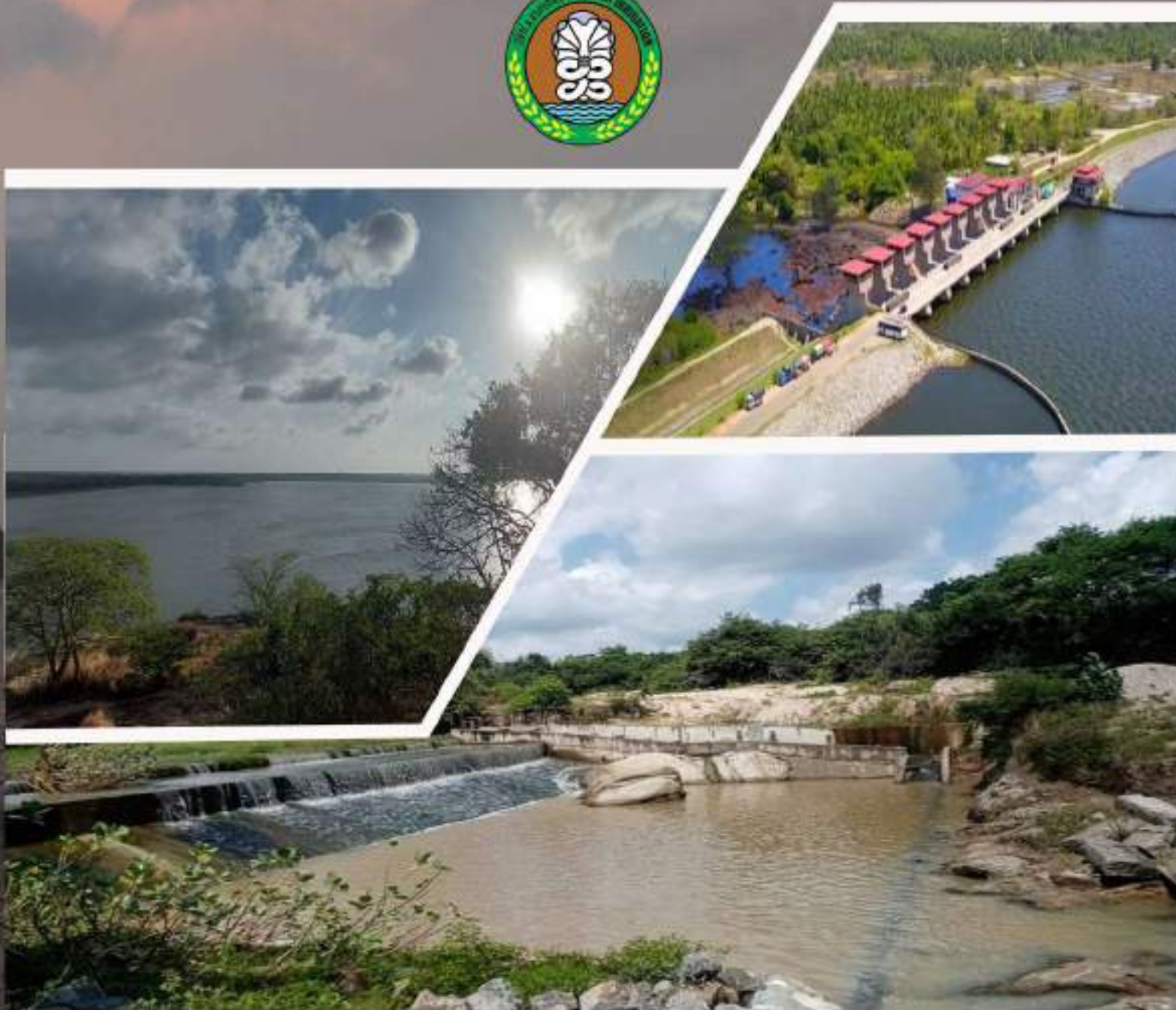


ADMINISTRATION REPORT



2024

IRRIGATION DEPARTMENT



ADMINISTRATION REPORT 2024

PREPARED BY

PROGRAMME MANAGEMENT BRANCH

DIRECTOR GENERAL OF IRRIGATION



Eng. Ajith Gunasekara

**Additional Directors General of Irrigation / Chief Financial Officer /
Additional Director General (Administration)**



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Addl. DGI
(Investigation, Planning & Design)



Eng. S.M.B.M. Azhar
Addl. DGI
(System Management)



Eng. (Ms.) B.A.K. Chandralatha
Addl. DGI
(Riverine Management)



Eng. M.S.U. Perera
Addl. DGI
(Construction & Development)



Ms. H.W.R. Weththasingha
Addl. DG
(Administration)



Ms. N.R.A.P. Ranathunga
CFO
(Chief Financial Officer)

List of Directorate 2024

Sri Lanka Engineering Service

No	Name	Designation
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2	Eng. S.M.B.M. Azhar	Addl. Director General of Irrigation (System Management)
3	Eng. (Ms) B.A.K. Chandralatha	Addl. Director General of Irrigation (Riverine Management)
4	Eng. M.S.U.Perera	Addl. Director General of Irrigation (Construction & Development)
5	Eng. L.L. Silva	Director of Irrigation (Engineering Materials)
6	Eng. N. Nagarathnam	Director of Irrigation (Batticaloa) up to 05.08.2024 Director of Irrigation (Assets Management) from 06.08.2024 up to 04.11.2024
7	Eng. B.A.M.S. Beligaswaththa	Director of Irrigation (Badulla)
8	Eng. (Ms) S.M.M.R.K. Samarakoon	Director of Irrigation (Major Construction)
9	Eng. (Ms) W.C.N. Wickramasinghe	Director of Irrigation (Water Resource Planning)
10	Eng. P.L.N. Puranegedara	Director of Irrigation (Colombo) up to 10.01.2024 Director of Irrigation (Works General & Building Services) from 11.01.2024
11	Eng. S.P.C. Sugeeshwara	Director of Irrigation (Hydrology)
12	Eng. (Ms) T. Batagoda	Director of Irrigation (Planning & Designs) – Central Zone
13	Eng. T. Thiruvarduchelvan	Director of Irrigation (Planning & Designs) – North & North Central up to 31.07.2024 Director of Irrigation (Mannar) from 01.08.2024
14	Eng. K. Subramaniam	Director of Irrigation (Trincomalee)
15	Eng. L.G.A. Edirisinghe	Director of Irrigation (Project Planning & Design)
16	Eng. L.M.W. Rathnasiri	Director of Irrigation (Polonnaruwa) up to 15.01.2024 Director of Irrigation (Water Management) from 16.01.2024
17	Eng. H.B.P Bandara	Director of Irrigation (Ampara)
18	Eng. A.K.A. Jabbar	Director of Irrigation (Monaragala) from 2024.01.03
19	Eng. (Ms) K.A.D.K. Dheera	Director of Irrigation (Kandy) up to 09.01.2024 Director of Irrigation (ITI) from 10.01.2024
20	Eng. S.P.H. Gamage	Director of Irrigation (Kandy) from 10.01.2024

No	Name	Designation
21	Eng. (Ms) I.S. Wickramasinghe	Director of Irrigation (Research Support, Process Improvement & Training)
22	Eng. (Ms) A.N.P. De Zoysa	Director of Irrigation (Contract & Procurement)
23	Eng. N. Yogarajah	Director of Irrigation (Regional Development)
24	Eng. L.S. Sooriyabandara	Director of Irrigation (Hydraulics)
25	Eng. H.A.J. De Silva	Director of Irrigation (Anuradhapura) & Director of Irrigation (Planning & Designs) – North & North Central Zone from 01.08.2024
26	Eng. H.R.W.J. Prematunga	Director of Irrigation (Hambantota)
27	Eng. J.D. Amarasekara	Director of Irrigation (Programme Management)
28	Eng. A.T.L.C. Samarasinghe	Director of Irrigation (Engineering Geology)
29	Eng. (Ms) M.P. Bamunawita	Director of Irrigation (Drainage & Flood Systems)
30	D.M.T.S.Disanayaka	Director of Irrigation (Planning & Designs) – Uva & Eastern Zone
31	Eng.(Ms) M.A. Jayakodi	Director of Irrigation (Asset Management) up to 14.07.2024
32	Eng. (Ms.) W.P. Sudarshani	Director of Irrigation (Water Management) up to 09.01.2024 Director of Irrigation (Colombo) from 10.01.2024
33	Eng. M.I.M.Z Ibrahim	Director of Irrigation (Mannar) up to 31.07.2024 Director of Irrigation (Batticaloa) from 01.08.2024
34	Eng.(Ms.) S.U.S.R. Siriwardhana	Director of Irrigation (EST & I,PE)
35	Eng. (Ms) M.G.T.P. Dasanayaka	Director of Irrigation (Kurunegala)
36	Eng. K.P.U.K. Thilakarathna	Director of Irrigation (Riverine & Environmental Studies) / Act.PD-Malwathuoya
37	Eng.B.A.W. Weerawardhana	Director of Irrigation (Galle)
38	Eng. G. Mugunthan	Director of Irrigation (ICT & GIS)
39	Eng. (Ms) S.D.S. Jayamanna	Director of Irrigation (Puttalam)
40	Eng. N. Krishnurupan	Director of Irrigation (Polonnaruwa)
41	Eng. H.M.P.S.D. Herath	Director of Irrigation (Asset Management) from 05.11.2024
42	Eng. D.P.N. Wijesiri	Director Mechanical (Central) up to 16.07.2024
43	Eng. H.K.D.W.T. Gajanayake	Director Mechanical (HQ & S)

Sri Lanka Administrative Service

No	Name	Designation
1	Ms. H.W.R.Weththasingha	Additional Director General (Administration)
2	Mr. M.B.L. Rahuman	Director (Administration) up to 22.01.2024
3	Ms. J.A.D.G.S. Ranasinghe	Director (Administration)
4	Mr. K.G.S.P. Kaluarachchi	Director (Administration) from 05.08.2024

Sri Lanka Accountants' Service

No	Name	Designation
1	Ms. N.R.A.P. Ranathunga	Chief Financial Officer (Acting) up to 30.06.2024 Chief Financial Officer from 01.07.2024
2	Mr. K.A.S.S. Piyanatha	Chief Internal Auditor
3	Mr. G.M.L. Chandima	Chief Accountant (Accounts & Estimates)
4	Ms. Rajika Karawita	Chief Accountant (Finance) – Acting

Sri Lanka Scientific Service

No	Name	Designation
1	Ms. G.P.R. Silva	Director (Land Use) up to 30.06.2024
2	Mr. J.A.P.S. Jayalath	Director (Land Use) – Duty Covering from 01.07.2024

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1 Overview of the Department

1.1 Introduction

Irrigation Department (ID) is the major organization which is responsible for water resources development in Sri Lanka. ID is the only department which carries out planning, designing and construction of water resources related infrastructure without having foreign or any other outside consultations. The Department is currently providing irrigation facilities for 323,963 ha of land for cultivation and has planned to increase the irrigable area to 350,000 ha by year 2030. Also, it provides technical services for all water-related stakeholders such as Mahaweli Authority, National Water Supply & Drainage Board, Agriculture Department, Department of Agrarian Development, Forest Department, Local Governments etc. The Irrigation Department has a huge database maintained over more than 100 years, enabling it to execute water resources development works within the department's own capacity.

The Irrigation Department efficiently handles 80 Major Reservoirs, 161 Medium Reservoirs, 113 Anicut Schemes, 8 Lift Irrigation Schemes, and 25 Drainage Schemes located around the country through a network of 14 Regional Offices headed by Directors and 52 Divisional Offices headed by Divisional Irrigation Engineers. 03 Zonal Director's Offices have also been established to provide services for maintenance and development works. The Galgamuwa Irrigation Training Institute provides in-service training programs for all staff categories.

To execute new development projects, 04 Project Director's Offices, 01 Deputy Project Director's Office, 02 Chief Resident Engineer's Offices and one Residential Engineer's office have been established.

In order to increase the effectiveness of the service provided and to have close communication with the major stakeholders, 348 Field Unit Offices have been established as at the end of 2024. This system enables us to attend to the issues of farmers' immediate requirements related to water distribution, and immediate maintenance & repairs of irrigation schemes.

During the 2023/24 Maha season and 2024 Yala season 298,855 ha and 271,816ha of irrigable extent were cultivated respectively with irrigation water from the major and medium schemes under the purview of the Irrigation Department. The cultivation performance of major irrigation schemes during Maha 2023/24 was 92% and during 2024 Yala it was 84% respectively.

The total allocation received for the capital and recurrent votes in the year 2024 was Rs.28,096.99 million and the expenditure for the capital and recurrent votes during the year 2024 was Rs. 17,411.40 million.

1.2 Vision

To optimize the returns of the water resources so as to ensure sustainable economic and social development while safeguarding the environment of the country, following the words of the King Parakramabahu the Great of “Not allowing a single drop of water falling from this sky to sea without serving the eco system and mankind.”

1.3 Mission

To harness, develop, conserve, regulate, allocate and manage water resources in the country to secure & enhance the returns it produces, directly in the sphere of agriculture and indirectly in other spheres such as environment domestic, industry and power in collaboration with other organizations.

1.4 Objectives

The main objectives of the Irrigation Department are as follows.

1. Development of land and water resources for irrigated agriculture, hydro power, flood control, domestic usage, industrial usage, and aquaculture development, while assuring environmental sustainability.
2. Provision of lift irrigation, irrigation drainage and salinity extrusion facilities for cultivable lands in irrigation and drainage projects. Provision of salinity exclusion schemes.
3. Provision of drinking water, flood protection and drainage facilities to lands affected by floods.
4. Alleviation of poverty in the rural farming community by increasing their farm income and raising their standard of living.
5. Management of water resources effectively for sustainable agriculture and other uses.
6. Productivity enhancement of land and water in major, medium, inter-provincial irrigation schemes.
7. Integrated water resources management and participatory management in major, medium, inter provincial irrigation systems.
8. Integrated water resources management and participatory management in river basins assigned to Irrigation Department.

1.5 Functions of the Irrigation Department

The functions of the Irrigation Department arising from the objectives are as follows.

1. Preparation of a Master Plan for the development of the different river basins for the optimum utilization of land and water resources, giving priority to environmental factors.
2. Project formulation and detailed designs of irrigation, hydro-power, flood control, and reclamation projects.
3. Construction of irrigation and settlement projects for the conservation, diversion and distribution of water under gravity and lift Irrigation of new and existing land for cultivation by farmers for enhanced food crop production and to upgrade their living conditions.
4. Construction of drainage, flood protection, and salt water extrusion projects for the protection of cultivable land to enable the cultivation of such lands for food crop production with minimized risk.
5. Providing drainage and flood protection facilities to minimize or mitigate the damage caused by floods.
6. Operation, maintenance, improvements, rehabilitation and water management of medium and major irrigation schemes, drainage and flood protection schemes, and saltwater extrusion schemes for optimum productivity, enlisting the participation of beneficiaries. Construction, maintenance and conservation of reservoirs for catering of water for inter-sectorial use, domestic, industrial use and environmental requirements.
7. Maintaining and upgrading the water infrastructure, including dams for sustainable water supply to agriculture and domestic purposes.
8. Research in Hydraulics, Hydrology, Engineering Geology, Geographic Information System (GIS), Engineering Materials and Land Use sections as applied to Water Resources Development Projects.
9. Human resources development for optimum utilization of human resources in Irrigation sector.
10. Operation and maintainanace of financial management system, accounting, reporting, and auditing systems of the Irrigation Department in accordance with the financial regulations of the Government of Sri Lanka.
11. Providing consultancy services to Government Departments, statutory boards / corporations, public and private institutions and individuals, in the fields of water resources development, geo-technical engineering, quality assurance and control of earthwork and concrete, hydraulic model testing and land use planning.
12. Management of Irrigation schemes based on the Integrated and participatory irrigation management approach in major and medium irrigation systems to enhance the productivity of irrigation systems in order to further strengthen the country's food security.

1.6 Sustainable Development Goals (SDGs)

1.6.1 Performance of the achieving Sustainable Development Goals (SDGs)

Table 1-1: Performance of the achieving Sustainable Development Goals (SDGs)

Goal / Objective	Targets	Indicators of the achievement	Progress of the Achievement up to 31.12.2024
Increased surface water storage capacity	1000 MCM by 2030	Increasing storage	26%
Increased Cropping Intensity	1.8 by 2030	Annual cropping intensity	100%
Increased Irrigable Area	150,000 acres by 2030	Extent of cultivation	30%

1.6.2 Achievements of the Sustainable Development Goals

- Storage capacity was increased by 216.7 MCM from 2018.
- Irrigation facilities were provided for 18,200 ha new and existing land from 2018.
- Annual cropping intensity was increased to 1.80.

2 Organization & Administration

The Director General of Irrigation (DGI) is the head of the department and there are four Additional Directors General of Irrigation In-charges of technical functions, one additional Director General In-charge of administration and a Chief Financial Officer to assist the DGI. Directors who are managing the Branches, Zones and Regions are functioning at the next managerial level. Key posts have been created for middle level Technical Officers to improve the efficiency of the system.

The main functions of the department are covered by the following Sub-Departments

1. Investigation, Planning and Design (I, P & D)
2. Construction and Development (C & D)
3. System Management (SM)
4. Riverine Management (RM)
5. Administration (Admin.)
6. Finance (F)

In addition, the following supporting functions are carried out separately under the direct supervision of the DGI.

1. Programme Management
2. Contract and Procurement
3. Internal Audit
4. Training
5. Works General & Building Services
6. Mechanical Branch
7. Irrigation Training Institute - Galgamuwa

There is a small Secretariat supporting DGI to manage the records and coordinate with the staff. This Secretariat manages confidential files and correspondence related with the Director's meeting in which DGI participates as an ex-officio member.

Except Jaffna, Kilinochchi and Mullativu Districts the whole Island has been divided into 14 Regions (Ampara, Anuradhapura, Badulla, Batticaloa, Colombo, Galle, Hambantota, Kandy, Kurunegala, Mannar, Monaragala, Polonnaruwa, Puttalam and Trincomalee) and these regions are managed by 14 Regional Directors of Irrigation. There are 14 numbers of Chief Engineers to support the Regional Directors. 52 Divisional Irrigation Engineer's Divisions cover the entire island in maintaining all major & medium and inter provincial irrigation schemes and rehabilitation activities. Accordingly, there are 387 number of schemes maintain by the Irrigation Department (241 tanks, 113 anicut, 25 drainage schemes and 8 lift irrigation schemes). In addition, there are 348 numbers of unit offices that have been established to increase participatory management role at grass root level to serve the farming community.

Three Zonal Director Offices (Central zone, Northern & North Central zone, Uva & Eastern zone) covering all parts of the island are set up to carry out planning and designing and to frame the new proposals including preparation of feasibility reports.

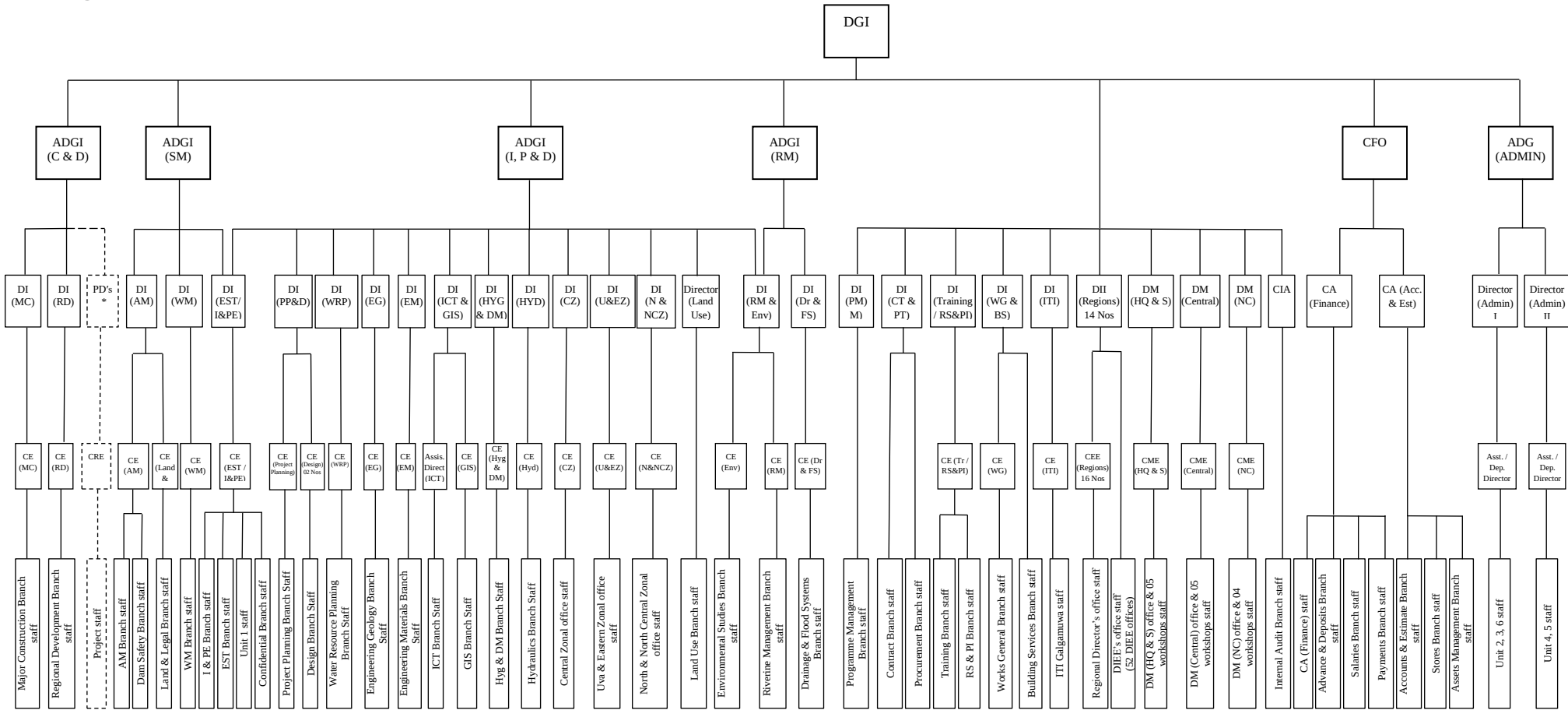
To manage the ongoing projects, 03 Project Directors have been appointed to Lower Malwathuoya Project, Thalpitigala Project and Mundeni Aru River Basin Development Project under departmental votes and 01 Project Directors have been appointed to Basnagoda Project under ministry votes. In addition, 01 Deputy Project Director has been appointed to Uma Oya Downstream Development Project and 02 Chief Resident Engineers have been appointed to Ellewewa and Himbiliyakada Waththegedara Irrigation Infrastructure Development Project. Also, 01 Residential Engineer has been appointed to Yan Oya project. The project office of Himbiliyakada Waththegedara Irrigation Infrastructure Development Project was closed as of 28th March 2024 according to the RAMP & NOR Committee decisions.

Irrigation Training Institute at Galgamuwa conducts pre-service and in-service training for the department staff as well as providing training for other agencies. The Irrigation Training Institute is headed by a Director.

The Mechanical section plays a vital role in the Irrigation Department. Three Mechanical Directors are supervising the Mechanical section under “North Central Zone”, “Central Zone”, and “Head Quarters & Southern Zone”. Also, three Mechanical Chief Engineers are supervising all Workshops around the country under the above mentioned zones.

There are five Main Mechanical Workshops at Rathmalana, Ampara, Rambewa, Halpathota and Lunugamwehera. In addition, there are nine Regional Mechanical Workshops at Kanthale, Minneriya, Batticaloa, Kurunegala, Puttalam, Mapakada, Kandy, Monaragala, and Head Office headed by Mechanical Engineers who are being supervised by Chief Mechanical Engineers in related Zone. The workshops have been established to attend mechanical work in Irrigation hydro-mechanical structures as well as all machinery and vehicles attached to the Department.

2.1 Organizational Chart



* Not a scheduled post. Appoint based on the requirement, within the approved 36 no. of civil cadre

Table 2-1: Abbreviations for the Organization Chart

Abbreviation	Description
DGI	Director General of Irrigation
ADDI DGI (I,P&D)	Additional Director General of Irrigation (Investigation, Planning & Design)
ADDI DGI (SM)	Additional Director General of Irrigation (System Management)
ADDI DGI (C&D)	Additional Director General of Irrigation (Construction & Development)
ADDI DGI (RM)	Additional Director General of Irrigation (Riverine Management)
CFO	Chief Financial Officer
ADD DG (Admin)	Additional Director General (Administration)
DI (PP & D)	Director of Irrigation (Project Planning & Designs)
DI (WRP)	Director of Irrigation (Water Resources Planning)
DI (EG)	Director of Irrigation (Engineering Geology)
DI (EM)	Director of Irrigation (Engineering Materials)
DI (ICT & GIS)	Director of Irrigation (Information Communication Technology & Geo Informatics System)
DI (HYG)	Director of Irrigation (Hydrology & Disaster Management)
DI (HYD)	Director of Irrigation (Hydraulics)
DI (CZ)	Director of Irrigation (Central Zone)
DI (U&EZ)	Director of Irrigation (Uva & Eastern Zone)
DI (N & NCZ)	Director of Irrigation (Northern & North Central Zone)
DI (MC)	Director of Irrigation (Major Construction)
DI (RD)	Director of Irrigation (Regional Development)
DI (AM)	Director of Irrigation (Assets Management)
DI (WM)	Director of Irrigation (Water Management)
DI (RM & Env)	Director of Irrigation (Riverine Management and Environmental Studies)
DI (Dr & FS)	Director of Irrigation (Drainage & Flood System)
DI (PM)	Director of Irrigation (Programme Management)
DI (CT & PT)	Director of Irrigation (Contract & Procurement)
DI (Training /RS & PI)	Director of Irrigation (Training / Research Support & Process Improvement)
DI (WG & BS)	Director of Irrigation (Works General & Building Services)
DI (EST / I & PE)	Director of Irrigation (Engineering, Scientific and Technological service / Irrigation & Productivity Enhancement)
Director (LU)	Director (Land Use)
CIA	Chief Internal Auditor
CA (Finance)	Chief Accountant (Finance)
CA (Acc. & Est.)	Chief Accountant (Accounts & Estimate)
Director (Admin)	Director (Administration)
DI (ITI)	Director of Irrigation (Irrigation Training Institute – Galgamuwa)
DI (Region)	Director of Irrigation (Region)
DM (HQ & S)	Director Mechanical (Head Quarters & Southern zone)
DM (Central)	Director Mechanical (Central zone)
DM (North Central)	Director Mechanical (North Central Zone)
CE	Chief Engineer
CME	Chief Mechanical Engineer
DIE	Divisional Irrigation Engineer

3 Overall Programme

The Sub Departments and other supporting branches carried out the functions of the department during the year 2024. These activities can be broadly categorized as follows.

1. Feasibility studies of major and medium irrigation schemes.
2. Activities of specialized divisions.
3. Major, medium construction projects under consolidated funds.
4. Rehabilitation and Modernization of major and medium existing schemes.
5. Major, medium construction projects under foreign funds.
6. Operation and maintenance of major, medium irrigation schemes and irrigation system management.
7. Related Mechanical Engineering works and maintenance of machinery and vehicles of the Department.
8. Work done by the department for other organizations.

Under consolidated funds, the following items were approved in the budget for Construction and Rehabilitation of Major and Medium Irrigation Schemes. Some of these schemes are new works, whereas some are improvements or rehabilitation of existing irrigation works.

The following projects were implemented by the respective officers given in the table under the supervision of the Major Constructions Branch, Regional Development Branch and Drainage & Flood Systems Branch.

3.1 Major and Medium Irrigation Projects executed under consolidated funds

Table 3-1: Major Medium Projects under consolidated funds

Project	Managed By
Yan Oya Project	RE (Yan Oya)
Morana Reservoir	DI (Badulla)
Ellawewa Reservoir	CRE (Ellawewa)
Rugam Kithul Reservoir (Mundeni Aru River Basin Development Project)	PD (Mundeni Aru River Basin Development Project)
Kelani River Bund Protection	DI (Colombo)
Development and Improvement of Godigamuwa tank in Matale District	DI (Kandy)
Uma Oya DownStream Development Project	DPD (Uma Oya)
Himbiliyakada Waththegedara Irrigation Infrastructure Development Project	CRE (Himbiliyakada)

Project	Managed By
Lower Malwathu Oya Multi- sector Development Project	PD (Lower Malwathu Oya)
Thalpitigala Reservoir Project	PD (Thalpitigala)
Barrack Plane Development Project	DI (Kandy)
Construction of the Canal from Eruwewa to Mahakanadarawa Reservoir	DI (Anuradhapura)

3.2 Major Projects under foreign funds

Table 3-2: Major projects under foreign funds

Project	Managed By
World Bank Funded Integrated Watershed & Water Resources Management Project (IWWRMP)	PD (IWWRMP) – Ministry
Climate Resilience Multi-Phase Programmatic Approach (CResMPA)	PD (CResMPA) – Ministry

3.3 Summary of the Expenditures of the Department Budget

Table 3-3: Summary of the Expenditures of the Department during 2024

Name of Project	Revised Allocation for 2024 (Rs. '000)	Cumulative expenditure up to end of December 2024 (Rs. '000)	Progress against Allocation 2024 (%)
Recurrent Expenditure			
Project 1 Administration and Establishment service	1,018,077	902,097	88.61
Project 2 Administration & Maintenance of Irrigation Schemes	3,649,413	3,461,068	94.84
Total Recurrent	4,667,490	4,363,165	93.48
Capital Expenditure			
Project 1 Administration and Establishment service	89,500	75,399	84.24
Project 2 Administration & Maintenance of Irrigation Schemes	6,866,000	6,299,514	91.75
Project 3 Major Irrigation Schemes	16,474,000	6,673,317	40.51
Project 4 Medium Irrigation Schemes	-	-	-
Total Capital	23,429,500	13,048,230	55.69
Total of Recurrent & Capital	28,096,990	17,411,395	61.97

3.4 Other Works

Table 3-4: Summary of the Expenditures for the works done by the Irrigation Department under ministry and other agencies' votes

Vote	Allocation (Rs.'000)	Allocation released	Expenditure as at 31.12.2024 (Rs.'000)	Financial Progress (%)
Ministry of Irrigation				
198-2-3-8-2001	1,368,731	1,368,731	828,866	60.56
198-2-3-0-2001	2,791	2,791	2,404	86.11
198-2-3-0-2003	2,940	2,940	2,787	94.79
198-2-3-0-1303	692	692	671	96.98
Total	1,375,154	1,375,154	834,728	60.70
Ministry of Environment				
160-2-3-124-2509	14,866	14,866	14,866	100
160-2-3-138-2509	3,709	3,275	3,275	99.99
Total	18,575	18,141	18,141	99.99
Ministry of Defence				
103-02-17-02-2509	12,298	12,298	12,297	99.99
Department of Agriculture				
285-02-02-08-2507	400	400	400	100
Election Commission				
020-01-01-7-1409	6,624	6,624	6,167	93.09

4 Investigation, Planning and Design Sub Department (I, P&D)

This sub department is mainly responsible for investigation, planning and design works of water related infrastructure development. There are 12 branches under this sub department. They are Hydrology and Disaster Management branch, Engineering Material Branch, Engineering Geology Branch, Hydraulics Branch, Water Resources planning branch, Project Planning and Design branch, Environment Studies Branch, Land Use branch, Engineering Scientific and Technical Service branch, Information & Communication Technology (ICT) branch, Geo Informatics Studies branch. Three Zonal Design offices are also functioning under this sub department.

4.1 Hydrology and Disaster Management Division (Hyg & DM)

Hyg & DM is a specialized division of the Irrigation Department which is responsible for maintaining the hydro-meteorological information system of the country. It was formed as a separate division in the year 1942, around 42 years after the formation of the Irrigation Department. However, the collection of hydro-meteorological data in major river basins started a few decades back. The river gauge at ‘Nagalagam Street’ on the Kelani River has been functioning since 1924.

4.1.1 Objectives

- Hydrological Data Collection and Management
- Hydrological Data Analysis
- Flood Forecasting and Early Warning
- Coordination with Disaster Management Authorities for better management of disasters.

4.1.2 Functions

- The operation, maintenance, and Hydro-meteorological data collection from 41 principal gauging stations, 66 peripheral stations, and 106 Automated Stations throughout the country.
- Collection of data from 56 rainfall and weather stations that are governed by some other parties.
- Processing hydro-meteorological data and converting them to useful information
- Archiving and dissemination of hydrological data and information
- Analyzing rainfall and river stage and issuing flood forecasting and early warning for major river basins of the country.
- Coordinate with disaster management authorities of the country such as DMC, District Administration, and Department of Meteorology (DOM) for better management of water-related disasters.
- Modeling of river basins for flood management.
- Establish new river gauging stations where necessary.

4.1.3 Performance

The key performances of the Hyg and DM division for the year 2024 in addition to successful operation and maintenance of Hydrological Stations around the country are;

- Data collection, achieving, and management
- Construction of new gauge houses
- Flood monitoring and early warning.
- Current metering for constructing and/or updating rating curves.
- Publishing Hydrological Annual for the water year 2022/2023.
- Taking discharge measurements in several Irrigation Schemes around the country for better water management as requested by Water Management Branch.

a. Data Collection, achieving, and management

41 Principal Hydrological Gauging Stations including 10 weather stations, 66 peripheral stations were successfully operated and maintained during the whole year. The data recording, primary screening, analyzing, and archiving have been carried out continuously throughout the year for the above stations.

Processed Hydro-meteorological data and information collected and archived are used not only by the ID but also by other institutions responsible for water-related infrastructure development for various purposes in the country. In addition, private consultants for their various consultancy works, academics, and students for their research works are used those data for their respective purposes.

b. Construction of New Gauge Houses (Improvements to existing Gauging Stations)

Construction of new building at Holombuwa Gauging Stations was started during this year. In addition, some repairs of Hydrological Stations were completed. 21 gauging stations were identified for improvement based on specific requirements. At the end of the year, improvements to 14 gauging stations have been completed, while construction is ongoing at 7 stations.

c. Flood monitoring and early warning

Flood monitoring and early warning activities were carried out for all major river basins of the country throughout the day and night during such events. Forecasting and early warning messages were issued to disaster management authorities and the general public during the flood events given in Table 4-1. Hyg and DM division participated in activities of the Disaster Management Center as Technical Advisor in managing flood disasters during response and recovery phases too.

Table 4-1: Flood Warnings issued in 2024

River Basin	Flood Events	Number of Warnings
Gal Oya	10 th to 11 th of Jan	2
Attanagalu Oya	20 th May to 29 th May	12
	02 nd Jun to 08 th Jun	
	11 th Oct to 16 th Oct	
Kalu Ganga	20 th May to 30 th May (Kuda Ganga)	23
	22 nd May to (Rathnapura, etc.- Flash Flood)	
	01 st Jun to 08 th Jun (Kuda Ganga)	
	01 st Jun to 08 th Jun	
	17 th Aug to 24 th Aug (Kuda Ganga)	
	02 nd Sep to 05 th Sep (Kuda Ganga)	

River Basin	Flood Events	Number of Warnings
Mahaweli Ganga	22 nd May to (Nuwara, Nuwara Eliya, Mathale- Flash Flood)	4
	26 th Nov to 30 th Nov	
Gin Ganga	02 nd Jun to 08 th Jun	5
	21 st Aug to 24 th Aug	
Nilwala Ganga	02 nd Jun to 08 th Jun	5
	24 th Oct to 26 th Oct	
Kelani Ganga	02 nd Jun to 08 th Jun	4
	11 th Oct to 13 th Oct	
Heda Oya	26 th Nov to 30 th Nov	2
Mundeni Aru	26 th Nov to 30 th Nov	2
Deduru Oya	26 th Nov to 01 st Dec	3
Malwathu Oya	27 th Nov to 01 st Dec	2
Kala Oya	27 th Nov to 30 th Nov	2

d. Current Metering (Updating the Rating Curves)

Current metering at many Gauging Stations during low, normal, and flood flows were carried out for verifying existing Rating Curves and constructing new Rating Curves. This list is given below.

Table 4-2: Current Metering Programme in 2024

River basin	Gauging station
Attanagalu Oya	Karasnagala, Ja Ela, Seeduwa, Wewaldeniya, Dunamale
Ddeduru Oya	Deduru Oya RB
Kalu Ganga	Putupaula (Anguruwathota), Halwathura, Millakanda, Kuruwita, Magura, Panapola, Wembiliyagoda, Magurugoda, Niriella, Panapola
Nilwala Ganga	Mahanama Bridge, Bandaththara
Gin Ganga	Baddegama
Kelani Ganga	Neluwaththuduwa, Algoda, Imbulana, Karavanella, Algoda New, Anguruwella
Kumbukkan Oya	Nakkala
Heda Oya	Siyambalanduwa
Gal Oya	Kotabowa
Maduru Oya	Padiyathalawa
Mundeni Aru	Maha Oya, Moranagala
Mahaweli Ganga	Weraganthota, Hebarawa
Kiridi Oya	Thanamalwila, Kuda Oya
Yan Oya	Horowpothana, Ellepothana, Medawala
Malwathu Oya	Manikfarm, Thanthirimale
Maa Oya	Moraoya, Yakawewa
Malwathu Oya	SinhaKanuwa
Boo Oya	Poonawa
Giants Tank Inlet Canal	Madu
Malwathu Oya	Veppankulam



Figure 4-1: Current Metering

e. Discharge Measurements in Irrigation Schemes for Water Management

Hyg and DM division has carried out extensive work for establishing Rating Curve in irrigation canals of selected irrigation schemes for Water Management purposes on request of the Water Management Division of ID. In most cases, canal gauges are installed by the officers of Hyg and DM division while in some other cases canal gauges were installed by the relevant irrigation division. All the requests were attended and a complete report including approved rating curves with key maps and locations were handed over to DI (WM) with copies to respective Regional Directors and Divisional Irrigation Engineers.

f. CResMPA Project

Table 4-3: Main components of the project

No.	Main Activity	Allocation Rs. Mn	Expenditure Rs. Mn	Physical Progress %
1	Installation of Manual River Gauges & Develop Rating Curves (Wewugam Pubuduwa)	10.46	5.48	52.34%
2	Inspection on Supplying flood levels for the Proposed Mini Breeding centers at Inginimitiya and Muthukandiya	0.119	0.11	90.52%
3	Taking discharge measurement and preparing rating curves D/S of Minipe anicut	0.136	0.082	60.39%
4	Flow rate data of Kohilawatta area of Kelani river Basin	0.631	0.209	33.20%

Benefits of the project (CResMPA) – Phase I

1. Procurement of Hydrological Measuring Equipment and Weather Instruments for Hydrology and Disaster Management Division
2. Procurement of Computers and UPS for Hydrology and Disaster Management Division
3. Refurbishment of the office space of the Hydrology & DM Division of ID
4. Improve Principle Hydrological Stations
5. Bathymetry and Lidar survey for 27 river basins
6. Investigation to identify locations for new Hydrology stations in 27 river basins
7. Supply and Installation of new Automatic Rain Gauges in newly identified locations
8. Installation of Automated 35 Water Level Gauges for reservoir monitoring
9. Purchasing 3 LiDAR Drones for real time flood mapping
10. Purchasing High Performance Computers for the numerical model simulation and Arc GIS
11. Purchasing High-Resolution DEM for Flood Modelling
12. Developing a cloud-based web portal for archiving and displaying data gathered from various systems
13. Supply and installation of ICT infrastructure for flood monitoring and operation room
14. Individual Consultant for Architectural design of flood warning room
15. Upgrading Three Numbers of Esri ArcMap Software to Esri ArcGIS Pro Desktop Advanced Software for Hydrology and Disaster Management Division of Irrigation Department
16. Development of Real Time Flood Forecasting Model / suite of Models for Twenty-two River Basins in Sri Lanka

Work done during year 2024 under CResMPA Project – Component 01

1. Construction and improvements to 14 gauging stations have been completed, while construction is ongoing at 7 stations of new Gauging Stations during this year. In addition, some repairs of Hydrological Stations were completed.
2. Investigation to identify locations for new Hydrology stations in 27 river basins - Procurement work is completed, and the project is awarded to the selected bidder. Consultants will initiate the work by the end of January 2025. The estimated project period is 4 months.
3. Supply and Installation of new Automatic Rain Gauges in newly identified locations - Document preparation work is completed, and the TEC has given conditional approval for the report.
4. Purchasing 3 LiDAR Drones for real-time flood mapping - The activity was done, and a 5-day training camp was conducted by the supplier. The officials from the Irrigation Department are trained to operate the Drones and process the results. Currently, these drones are utilized for flood monitoring and LiDAR surveying.



Figure 4-2: Purchasing 3 LiDAR Drones for real-time flood mapping

5. Purchasing High-Performance Computers for the numerical model simulation and Arc GIS - Specification for high-performance computers has been submitted to the Project
6. Purchasing High-Resolution DEM for Flood Modelling - TEC has given conditional approval for the bidding document.
7. Developing a cloud-based web portal for archiving and displaying data gathered from various systems - This activity is awarded to a consultant and currently, he is developing the web portal by collecting information from all other relevant agencies.
8. Supply and installation of ICT infrastructure for flood monitoring and operation room - A consultant was hired to develop the system, and he submitted the specifications for ICT infrastructure for the operation room.
9. Upgrading Three Numbers of Esri ArcMap Software to Esri ArcGIS Pro Desktop Advanced Software for Hydrology and Disaster Management Division of Irrigation Department - This work was completed and one software is fully updated with all tools and two software updated without tools.

g. Updating programme of hydrological monitoring network of CRIWMP

There were 25 automated stations have been installed in Anuradhapura, Puttalam, and Mannar districts under the CRIWM Project. This program will install manual gauge posts every 25 stations, measuring cross sections & measuring six discharge measurements at 20 stations, and prepare rating curves for 20 stations. This program was made few phases, and, in these phases, the following parts were done.

Phase 01

- Fixing manual gauge post or plate (to match the measuring stations) at 21 stations.
- Obtaining cross sections at 20 stations.
- Obtaining discharged measurement at existing water level at 17 stations

Phase 02

- Fixing manual gauge post or plate at 08 stations that could not be completed in the first phase.
- Obtaining discharged measurement at existing water level at 11 stations

Phase 03

- Fixing 01 manual gauge post with plate.
- Obtaining discharged measurement at existing water level at 13 stations.

4.1.4 Staff Position

Table 4-4: Staff Position in the Hydrology & Disaster Management branch

	Designation	Approved cadre	Present cadre	Dificit/Excess
1	Director of Irrigation	1	1	-
2	Chief Engineer	1	1	-
3	Irrigation Engineer	7	1	6
4	Earth Resources Engineer	2	-	2
5	Draughtsman	3	1	2
6	Development Officer	-	1	1
7	Management Service Officer	5	3	2
8	Hydrological Data Superintendent	1	1	-
9	Senior Hydrological Assistant	2	1	1
10	Hydrological Assistant	19	7	12
11	Hydrological Field Superintendent	1	1	-
12	Senior Hydrological Field Assistant	3	2	1
13	Hydrological Field Assistant	32	25	7
14	Hydrological survey Assistant	110	66	54
15	Stores Keeper	1	-	1
16	Stores Assistant	1	1	-
17	Office Assistant	5	1	4
18	Driver	5	1	4
19	Labours	-	10	10

4.2 Engineering Materials Branch

4.2.1 Objectives

The Engineering Materials Division provides a supporting service to the Irrigation Department as well as to other organizations such as Provincial Councils, Statutory Boards and Authorities, to assure the quality of civil engineering works in Planning, Designing, and Construction & Maintenance stages.

4.2.2 Functions

The main activities performed under the above stages are:

- Foundation investigation for earthen dams (new constructions as well as rehabilitation), anicuts and other irrigation related structures and buildings.
- Locating borrows areas for earth works and selecting sources of material for concrete works.
- Design of earth embankments and foundations.
- Performing quality assurance tests for concrete, cement, steel bars and earth works.
- Maintenance & troubleshooting and remedial measures
- Conducting research on the use of available construction materials and improved methodologies
- Providing consultancy services and Laboratory services to private sector and semi government organizations, for site investigations and quality assessment in concrete and earth works.

4.2.3 Performance

Quality control and quality assurance works of the following major construction projects, implemented by the Irrigation Department were carried out in addition to the routine works such as quality assurance work of Maintenance and rehabilitation work of Irrigation schemes done under block votes.

- Kuda oya Reservoir and Canal System under Uma Oya Downstream Development Project.
- Lower Malwathu oya Reservoir Project
- IWWRMP
- CResMPA

Field and Laboratory Tests Carried out during the year 2024

Table 4-5: Field and Laboratory Tests Carried out

Central Laboratory		Region/Project Laboratories	
Soil			
Particle Size Distribution Test	28	Hand Auguring	143
Index Properties Test	28	Excavation of test pits	258
Dry Density Moisture Content Relationship Test	6	Particle size distribution test	266
Tri-Axial Shear Test	8	Index properties test	236
Soil Permeability Test	6	In-situ density test	1799
CBR	3	Moisture content test	3777
Coarse Aggregate			
Gradation	14		
Specific Gravity and Water Absorption	14	Gradation test	556
Abrasion	11		
Impact Value	9		
Fine Aggregate			
Gradation	10	Gradation test	555
Specific Gravity	4		
Steel			
Tensile strength	30		
Bending test	30		
Concrete			
Extracting Core Samples	12	Slump test	3886
Non-Distractive Test	12		
Concrete Permeability Test	3	Compressive strength of test cubes	9521
Compressive Strength of Test cubes	65		
Compressive Strength of core Samples	12		
Calibration			
Calibration of Concrete Testing Machines	5		

4.2.4 Allocation Distribution and Expenditure

Table 4-6: Allocation Distribution and Expenditure

	Vote	Vote Particulars	Allocation (Rs. Mn)	Expenditure (Rs. Mn)
1	Engineering Materials Studies	282-02-02-2507-11-008-8	1.000	0.999
2	Engineering Materials Studies	282-02-02-2507-11-009-5	1.000	0.832
3	Vehicle	282-01-01-0-2003(11)	1.469	1.423

4.2.5 Staff Position

Table 4-7: Staff Position in the Engineering Materials branch

No	Designation	Approved Cadre	Present Cadre	Deficit/ Excess
01	Director of Irrigation	01	01	00
02	Chief Engineer	01	01	00
03	Irrigation Engineer	02	01	01
04	Earth Resources Engineer	02	01	01
05	Draughtsperson	02	00	02
06	Research Assistant	19	12	07
07	Civil Engineering Materials Surveyor	43	19	24
08	Technical Assistant	07	09	02 (Excess)
09	Management Service Officer	05	03	02
10	Storekeeper	02	01	01
11	Store Assistant	01	00	01
12	Driver	20	00	05
13	Relief Driver		15	
14	KKS	02	02	00
15	Laboratory Attendant	78	41	37
16	Laboratory Labourer			
17	Maintenance Labourer			
18	Labourer			
19	Field Watcher			

4.3 Engineering Geology Branch

Engineering Geology Branch is a specialized Division of the Irrigation Department which provides services such as Geotechnical & geophysical investigations, curtain grouting, consolidation grouting, rock nailing, shotcretings, mud grouting, ground water studies, piezo-meeter installation and issuing report advice on Geotechnical Engineering.

These services are not limited to the Irrigation Department, but, can be extended to other government & semi government organizations with necessary approvals and, thus Engineering Geology Branch plays an inevitable role in planning, designing, construction and maintenance phases of not only irrigation but also hydropower drinking water & sometimes agriculture projects.

4.3.1 Objectives

- To provide geotechnical recommendations for the most feasible, safest, economical and sustainable design and improvements, for newly proposed and existing watering storing, conveying and other hydro related structures
- To develop and carry out remedial measures of existing water storing, conveying and other hydro related structures in terms of seepage and stability
- To train the human resources on subsurface investigations, foundation treatment and hydro-geological analysis of the subsurface

4.3.2 Functions

- Planning & execution of Geotechnical and Geophysical Investigations
 - Geological mapping
 - Geophysical surveying
 - Subsurface explorations by drilling into subsurface and collecting samples
 - Monitoring ground water conditions
 - Performing field tests such as Standard Penetration Test (SPT), Permeability tests, Water pressure tests etc. while drilling into subsurface
 - Geological logging
 - Analyzing geophysical data, geological logs and field test results and submitting geotechnical investigation reports with recommendations
- Planning and execution of sealing dam foundation (curtain grouting)
- Planning and execution of strengthening dam foundations (consolidation grouting & rock nailing)
- Planning and execution of surface strengthening works (Shotcreting)
- Piezometer installations
- Assisting and guiding government and semi government organizations on geological and hydro-geological analysis of the subsurface
- Providing training on geotechnical investigations, foundation treatment and hydro-geological analysis of the subsurface
- Planning and execution of treatment for leaks and excessive seepage through existing dams (mud grouting)

4.3.3 Performance

a. Electrical Resistivity Surveys carried out in 2024

1. Thalapathkulama

Ground Electrical Resistivity Surveys (GERS) with four numbers of Electrical Resistivity Tomography (ERT) were carried out to optimize the number of bore holes at proposed Thalapathkulama Dam restoration site.



Figure 4-3: Resistivity survey at Thalapathkulama

2. Maussakele saddle dam (for CEB)

GERS was conducted by the Engineering Geology Division to capture the leakage path through the Maussakale saddle dam in response to a request made by CEB from the Director General of Irrigation.



Figure 4-4: Resistivity survey at Maussakele saddle dam

3. Ellewewa spillway location

GERS were conducted to study the spatial variation at the spillway site for proposed Ellewewa Reservoir.



Figure 4-5: Locations of the bore holes

4. Weerawila Tank (after grouting)

GERS were conducted before and just after grouting to identify high seepage zone and to study the resistivity variation within the dam body due to the clay-cement grouting.

5. Magallewewa reservoir

GERS was conducted to study the location of the leakage towards the sluice barrel.

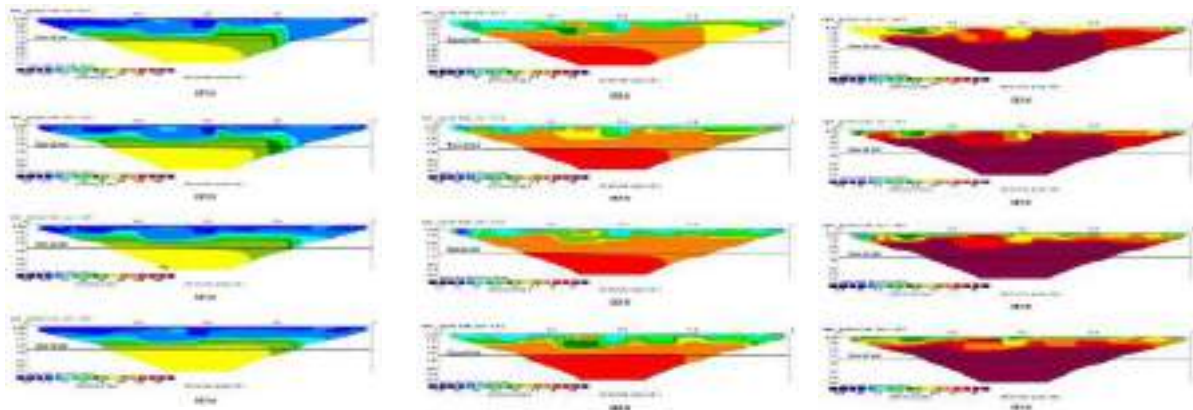


Figure 4-6: Results of the GERS at Magallewewa sluice

b. Geotechnical Investigations

1. Thalapathkulama

Thalapathkulama is a breached tank in Horowpathana jungles and it is proposed to restore this tank under “Weu Gam Pubuduwa” project to check the condition of old bund and to select suitable sites for sluice and spillway. Geotechnical investigations were carried out in 11 numbers of boreholes. The bore holes locations were selected based on the GERS results.



Figure 4-7: Geotechnical Investigations in Thalapathkulama

2. Wewelkadura Ara Reservoir

Geotechnical investigation for the proposed Wewalkandura Ara Reservoir was carried out by Engineering Geology branch to determine the suitability of the subsurface for the proposed construction. The investigation was carried out from October 2024 to December 2024, however it was completed in January 2025.



Figure 4-8: Geotechnical investigation for the proposed Wewalkandura Ara Reservoir

3. Weerawila

Four numbers of bore holes were carried out to investigate the existing bund condition of existing Weeravila Dam. The foundation treatments by clay-cement grouting were carried out based on the borehole results.

4. Ellewewa spillway

Bore holes were carried out along the spillway axis of the Ellewewa project to determine the subsurface profile to ensure the stability of rock supporting the tail structure of the spilway.

5. Yanoya

4 Nos Bore holes were carried out at the spill tail canal of Yan Oya Reservoir to provide information required for designing a new bridge.

c. Foundation treatments by grouting

1. Treatment for a Leakage through Weeravila Tank Bund in Thissamaharama Division

A high seepage stretch and a leakage were identified from the Weeravila Tank Bund and those were treated last year with clay- cement grouting. Not only the dam, even the foundation had to be grouted with controlled pressure to close the leak & take the seepage below allowable limits.



Figure 4-9: Treatment for a Leakage through Weeravila Tank Bund in Thissamaharama Division



Figure 4-10: Treatment for a Leakage through Weeravila Tank Bund in Thissamaharama Division

2. Foundation Sealing for Ellewewa Dam

Curtain grouting for the Ellewewa main dam was carried out in previous year as well, but the work should not be completed due to the delay in core trench excavation on left bank. The remaining parts were grouted in this year and while excavations, a thin weathered layer which extended deeper could be identified. Hence further investigations had to be carried out in order to identify the extent of that layer, was finally grouted.



Figure 4-11: Foundation Sealing for Ellewewa Dam

4.3.4 Staff Position

Table 4-8: Staff Position in the Engineering Geology branch

No	Designation	Approved Cadre	Present Cadre	Deficit/Excess
1	Director of Irrigation	01	01	-
2	Chief Engineer	01	01	-
3	Irrigation Engineer	01	01	-
4	Geo. Technical officer / Geologist	02	02	-
5	ERE	04	02	
6	Draft Person	01	01	-
7	Drilling Superintendent	01	01	01
8	A.D.S.	03	02	01
9	Drilling Assistant	27	18	09
10	Development officers		04	
11	Management Assistants	07	01	06
12	Storekeeper	05	01	04
13	Store Attendant	05	01	04
14	KKS	04	02	02
15	Drivers	11	03	08
16	Mechanics	03	02	01
17	Laboratory Labours	27	04	14
18	Maintenance Labours		02	
19	Labours		04	
20	Lab Attendant		03	
21	Watchers (Day & Night)	03	02	01
22	Cleaner (For Lorries)	02	01	01
23	KKS		01	

4.4 Hydraulics Research Laboratory

4.4.1 Objective

Hydraulics Research Laboratory (HRL) is entrusted with carrying out hydraulics model investigations, field inspections / investigations and to provide consultancy services to the other organizations with respect to hydraulics related issues. Also, it undertakes service & repair of survey & hydrological instruments, issuing conformity certificates for surveying and other precise instruments. In addition, it conducts hydraulics practical sessions for the students in universities and other technological institutions.

4.4.2 Functions

- Construction of hydraulics scalar models including installation of measuring apparatus and precise equipment for carrying out model tests, tabulating test results, preparing diagrams and reports.
- Field inspections on request, to provide technical recommendations and opinions for hydraulics issues.
- Fabrication, installation and calibration of measuring devices for flow measurement.
- Seepage studies in canal distribution systems.
- Calibration of sluice outlets and providing rating curves.
- Exhibition Models preparation and participation for national/international exhibitions.
- Conducting hydraulics practical sessions for students in universities & technological colleges.
- Assisting final year undergraduate students for their final year research project work.
- Service, repairing and calibration of survey & hydrological instruments.
- Issuing conformity certificates for survey & other precision instruments.

4.4.3 Performance in 2024

a. Physical Model Studies

The design of hydraulic structure is based on theoretical considerations in contrast to the actual physical conditions. Therefore, the results of model studies are essential to ensure the hydraulics behavior of structural design and recommending necessary modifications required to overcome the issues. To achieve the above goals the following model tests were conducted by the hydraulics research laboratory in the year 2024.

1. Model studies of Ellewewa uncontrolled chute spillway

The Hydraulics Research Laboratory of the Irrigation Department was entrusted with conducting the hydraulics model study for the Ellewewa uncontrolled chute spillway structure in November 2021.

The Main objectives of the model studies are;

- To optimize the approach of the spillway.
- Investigate and to optimize the flow conditions over the ogee.
- Investigate and to optimize the behavior of flow in chute and stilling basin.

According to Froude law similarity, a physical model with a geometric scale of 1:12 relative to the prototype was selected, based on hydraulic parameters and findings from site investigations, to carry out the studies. The model construction for an initial design was completed and model test was carried out. According to the results, necessary modifications were made on the structure and again repeated model tests were conducted and interim reports were submitted to relevant branches of the Department. Ultimately, the model study was subsequently completed and final report was submitted in August 2024 to the design branch of the irrigation Department to incorporate the modification in the structural drawings.

Conclusions of Model study of Ellewewa uncontrolled chute spillway

- The previous model was modified by straightening all curved shapes. After running the model at the High Flood Level (HFL) of $34.5\text{m}^3/\text{s}$, it was observed that the submergence of water in the chute and the spiral shape of the water path decreased with the new design.
- In addition to that, flow through the chute was released more smoothly compared to the previous design.
- A flip bucket was initially fixed at the end of the chute, but it was unsuccessful as the water jet did not project correctly into the designated water pool. Consequently, the flip bucket's position was adjusted by reducing the chute length.
- Finally, the flip bucket was placed at 117.6 m length from the spill end point.
- Final chute wall height was determined according to the water surface profile. The water release velocity at the flip bucket start point was 16 m/s.



Figure 4-12: Model testing of Ellewewa uncontrolled chute spillway



Figure 4-13: Modification works of Ellewewa uncontrolled chute spillway

2. Hydraulic Physical Model Investigation to Ensure Conveyance of Design Discharge through Kongetiya Level Crossing of Proposed North Central Province Canal

The North Central Province Canal (NCPC) is a critical water conveyance system proposed under the Mahaweli Master Plan to transfer excess water from the Moragahakanda Reservoir to the North Central and Northern Provinces. The canal aims to provide irrigation and drinking water for approximately 73,800 hectares of agricultural land and benefit 250,000 families.

On their request of the PMU Mahaweli Water Security Investment Programme, (MWSIP) The Hydraulics Research Laboratory of the Irrigation Department (HRL-ID) planned to construct a physical model representing approximately 200 m upstream and 200 m downstream of the Kongetiya Reservoir

(from chainage 3+767 km to 6+381 km) to analyses flow behaviour at the level crossing. Additionally, the model was designed to evaluate the hydraulic performance of the North Central Province Canal (NCPC) under discharge conditions design discharge of 40 m³/s, and the overload discharge of 42 m³/s. The primary objective of this study is to evaluate the hydraulic performance of the NCPC at the Kongetiya Reservoir level crossing, focusing on backwater effects, outlet structure efficiency, and overall canal conveyance capacity. Specifically, the study aims to:

- Assess backwater effects caused by the level crossing at Kongetiya Reservoir.
- Analyse water levels in Kongetiya Reservoir under varying discharge conditions (40 m³/s and 42 m³/s).

The model construction for an initial original design was tested and completed. The final report is progressing for submission.

According to Froude law similarity, a physical model with a geometric scale of 1:12 relative to the prototype was selected, based on hydraulic parameters and findings from site investigations, to carry out the studies. Construction of the physical model commenced in August 2024, and model testing has been in progress for several modifications.



Figure 4-14: Model Construction of NCPCP

b. Installation and calibration of measuring devices for flow measurement.

i. A Cutthroat flume was fabricated and calibrated at the request of Central Engineering Consultancy Bureau (CECB) at HRL in January 2024.



Figure 4-15: Calibrating Cutthroat flume at HRL

c. Field Inspections and Observations

- Field inspection to Mahaweli Row water intake for Trincomalee integrated scheme.
- Field inspection to Ellewewa reservoir.
- Field inspection to observe the soil erosion closer to the tower number 259 of Balangoda – Galle Transmission Line.
- Field inspection to observe eroded section at Deduruoya river.
- Field inspection to NCPC.

d. Model Fabrications and Participations for Exhibitions

On behalf of the Irrigation Department, the Hydraulics Research Laboratory (HRL) serves as the main organizer and facilitator for national exhibitions. As a specialized unit of the department, HRL presents models of ancient irrigation systems and other hydraulic structures, providing explanations and demonstrations to school and university students, as well as the general public.

HRL has participated in the EXPO LEEDS exhibition and educational exhibition which were conducted by the Leeds International School and CO/E.A. Gunasinghe Vidyalayala – Colombo 12.



Figure 4-16: Irrigation Department exhibition stall in EXPO LEEDS Exhibition

e. Maintenance & Improvements Works in Hydraulic Research Laboratory

The following improvements have been executed to the Hydraulic Laboratory in 2024 under CResMPA project and pump house was repaired under departmental fund.

- Renovation of office building (15% completed and commenced in July 2024).
- Improvements to computer laboratory (20 % completed and commenced in September 2024)
- Improvements to workshop and Instrument section (15 % completed and commenced in September 2024)
- Improvements to Electrical System (75 % completed and commenced in September 2024)
- Improvements to Indoor laboratory (27 % completed and commenced in September 2024)

f. Instrument Section

Service and Repairing of Survey Instruments

119 nos. of automatic leveling instruments and one no Total Station were repaired and serviced for Trincomalee, Monaragala, Hambanthotta, Badulla and Puttalam Region.



Figure 4-17: Service and repairing of survey instruments

4.4.4 Expenditure

Table 4-9: Expenditure-2024

No	Description/Vote No.	Allocation (Rs. 000')	Expenditure (Rs. 000')
1	Hydraulics Model Studies 282-02-02-0-2507(11)-008-7	500	499.4
2	Hydraulics Model Studies for Riverine Management 288-2-005-2105(11)-010-4	250	248.7
4	Improvement to vehicle 282-1-1-0-2003(11)	887.7	882.5
5	Improvements to Laboratories in Head office premises 282-1-1-0-2001(11)-4	500	486.5
6	Purchase of instrument & required tools 282-2-2-0-2103(11)-3	100	94.4
7	Hydraulics Model Studies 282-02-02-0-2507(11)-009-4	500	1,499.6
8	Computerization and networking of the Irrigation Department to enhance and upgrade the engineering and Management process 282-02-02-0-2507(11)-010-1	400	261.6
	CResMPA		
9	Renovation of office building; SLMOI/CRES/ID/W/NCB/35 Awarded contract price Rs. 38.38 million and work will be continued in 2025	5,545.1	5,545.1
10	Improvements to Hydraulics Research Laboratory; SLMOI/CRES/ID/W/FA/34 Project value Rs. 30 million and work will be continued in 2025	4,570	4,570

4.4.5 Staff Position

Table 4-10: Staff Position in the Hydraulics branch

No	Designation	Approved Cadre	Present Cadre	Deficit
01	Director of Irrigation	01	01	-
02	Chief Engineer	01	01	-
03	Irrigation Engineer	03	01	02
04	Instruments Superintendent	01	00	01
05	Hydraulics Superintendent	01	-	01
06	Assistant Instruments Superintendent	01	-	01
07	Assistant Hydraulic Superintendent	01	-	01
08	Senior Draughtsman	01	-	01
09	Research Assistant	15	09	06
10	Draughtsman	02	01	01
11	Workshop Forman	01	-	01
12	Engineer Assistant	01	-	01
13	Management Service Officer	07	03	04
14	Store Keeper	01	-	01
15	Computer Operator	01	-	01
16	Minor Supervisor	02	-	02
17	Driver	03	-	03
18	OES	02	02	-
19	Mason	03	-	03
20	Instrument Artificer	01	01	-
21	Carpenter	03	-	03
22	Painter	02	-	02
23	Blacksmith	01	-	01
24	Electrician	01	-	01
25	Machinist	04	-	04
26	Welder	02	-	02
27	Fitter	01	-	01
28	Plumber	01	-	01
29	Watch Repairer	01	-	01
30	Store Assistant	03	01	02
31	Lab Assistant / Attendant	20	04	16
32	Instrument Repairer	05	-	05
33	Workshop labour	10	-	10
34	Pump Operator	02	-	02
35	Labour/ Maintenance labour	25	10	15
36	Watcher	02	-	02
37	Sanitary Labour	02	-	02
38	Store Labour	03	-	03
39	Photographer	01	-	01
40	Photographer Assistant	01	-	01
41	Typewriter Repairer	01	-	01
42	Computer Hardware Technician	05	-	05
43	Dark Room Assistant	01	-	01

Project Planning & Designs Branch

The Project Planning and Designs branch is composed of two distinct sections, the Project Planning Branch and the Designs Branch. Each Branch has specific tasks related to the development of water resources in Sri Lanka. The Chief Engineer (CE) provides direct supervision for the activities carried out by each unit. Overall supervision of both sections is managed by the Director of Irrigation (DI) for Projects Planning Designs (PP & D), with assistance from the Chief Engineer of each section.

4.5 Project Planning Branch

4.5.1 Objectives

The Project Planning Branch is responsible for identifying new proposals for water resource development and assessing the feasibility of utilizing these resources for multiple purposes, ensuring they provide maximum benefit to the community. As part of this process, the Branch is involved in planning and formulating new project proposals.

4.5.2 Main Functions

- Identification of water resource development possibilities.
- Project formulation by detailed analysis of projects.
- Finalization of feasibility reports.
- Providing and sharing technical know-how with other agencies.

4.5.3 Performance

a. Assessment of Water Resource Availability of Kirama Oya to feed Nawayalawila Tank Drinking Water for Tangalle area for NWS&DB (Weeraketiya Division/Hambanthota Region)

The primary source of drinking water for the town of Tangalle is Kirama Oya. However, consistently providing water to the Tangalle Water Supply Scheme (WSS) has become challenging due to water shortages in Kirama Oya and the competing demand for irrigation during the dry season. Furthermore, the rapid expansion of the town has led to the water supply project operating at only 25% of its capacity during the months of July to September in most years. The National Water Supply & Drainage Board (NWS&DB) has projected the future water demand for the Tangalle area and anticipates needing to extract 15,000 m³ of water per day from Kirama Oya by the year 2025. To address these challenges, the NWS&DB is proposing the development of an alternative water source for the Tangalle WSS at Nawayalawila Tank. This tank is situated on the right bank of Kirama Oya, upstream of the current intake location at Nalagama. The plan is to store water in Nawayalawila Tank, which will be diverted from Kirama Oya, to ensure a reliable water supply during the dry season. A study was conducted to confirm the feasibility of this solution.

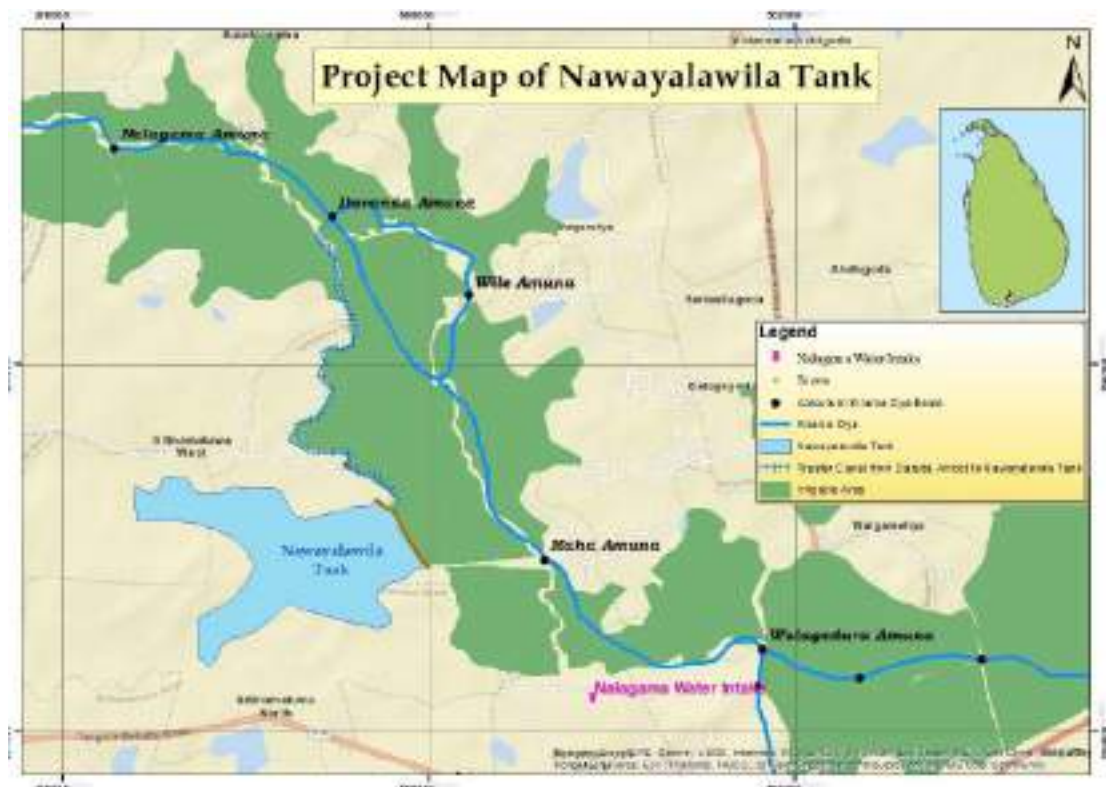


Figure 4-18: Project Map of Nawayalawila Tank

According to the analysis, the water supply for both current and future demands of the Tangalle Water Supply System (WSS) is feasible, except for the months of January and July, when relying solely on the Kirama Oya. To address the drinking water shortfall during these months, it is planned to utilize Nawayalawila as a storage tank.

Operation studies of the Nawayalawila tank indicate that the drinking water deficit in January and July cannot be met solely from inflow within its own catchment area. To alleviate this deficit, the plan is to divert excess water from the Daranda Anicut to be stored in the Nawayalawila tank. However, the current capacity of the Nawayalawila tank is insufficient to hold the necessary amount of water, even with the available diversion from Daranda Anicut. Thus, it is necessary to excavate soil from the tank to increase its capacity, as raising the tank is not feasible due to challenges in acquiring new land.

Various trial excavation areas for the Nawayalawila tank have been evaluated as part of this operational study. After the excavation, the tank's capacity at Full Supply Level (FSL) is expected to increase from 0.337 million cubic meters (MCM) to 0.577 MCM.

Considering the potential for diversion from Kirama Oya at the Daranda Anicut, the Nawayalawila tank can receive 0.12 MCM and 0.22 MCM of excess water (after meeting irrigation needs) during January and July, respectively. For the remaining months, both current and future water demands can be satisfied through direct extraction from the Kirama Oya.

In conclusion, by expanding the capacity of the Nawayalawila tank, it is determined that the drinking water demand can be met without impacting the existing irrigation requirements.

b. Pre-feasibility study of proposed Wewelkandura reservoir and Irrigation system augmentation

Wewelkandura Ara, is a tributary of the Walawe River which consist of a catchment area of 736 acres (2.98 square kilometers). The length of this tributary is 2.71 kilometers. The catchment area falls within the Weligepola Divisional Secretary's jurisdiction in the Ratnapura District. The Grama Niladari divisions of Belimaliyadda, Handagiriya, and Handagirigoda are included in the proposed project area.

The aim of this project is to assess the feasibility of constructing a dam across Wewelkandura Ara and creating a reservoir with adequate capacity to address water shortages for agricultural purposes. Additionally, this reservoir is designed to support the anticipated development of the area by meeting the multipurpose water needs for industrial and domestic use. This assessment includes an analysis of economic viability, social acceptability, and technical feasibility. The pre-feasibility report is based on designs and data analysis conducted by the Department of Irrigation, along with field data collection through physical surveys, references to previous studies, and past data available in both hard and digital formats. Furthermore, insights and opinions were gathered by interviewing the local community, primarily consisting of farmers

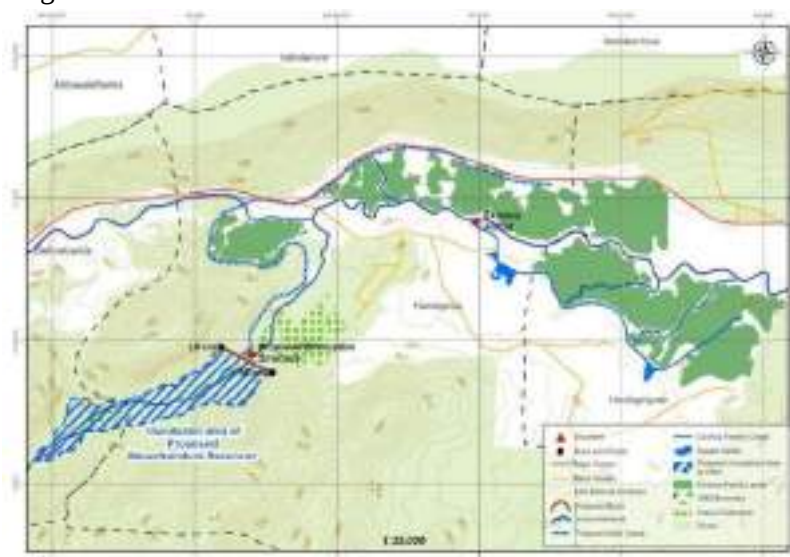


Figure 4-19: Project Map of Wewelkandura Tank

c. Short assignments completed by the Project Planning branch in year 2024.

- Report on Flood Inundation area of Baththuluoya DS Division & Kudamaeliya village.
- Restoration of weir across Ma Oya at Bambukuliya in Negombo Water Supply Scheme.

4.5.4 Staff Position

Table 4-11: Staff Position in the Project Planning branch

No	Designation	Approved Cadre	Present Cadre	Deficit/Excess
1	Chief Engineer	01	01	-
2	Irrigation Engineer	04	01	03
3	Drawing Office Assistant	01	01	-
4	Draftsman	03	02	01
5	Management Service Officer	02	-	02
6	KKS	01	01	-

4.6 Designs Branch

4.6.1 Objectives

The Designs Branch is responsible for submit complete designs for construction both at project and regional level within the scope of Irrigation Department. In this process, the Design Branch is involved in designing of irrigation structures both in Headworks and Systems. The total process includes conceptual, capacity and structural designs of each assignment.

In addition to the designs, the branch itself serves for Irrigation Engineers to obtain necessary design experience to obtain their charter qualifications as the basic requirement for their second efficiency bar.

4.6.2 Main Functions

- Design of new Irrigation Structures.
- Designs of renovations and expansion of capacities of existing structures.
- Remedial proposals for repair and reconstruction of partially damage structures.
- Facilitating necessary training needs of Irrigation Engineers for obtain full professional qualifications in the Institution of Engineers Sri Lanka (IESL).

4.6.3 Performance

Actual Designs:

a. Proposed Anicut at Sippimadu - Unnichchai Scheme

Unnichchai tank is a major irrigation reservoir located in Batticaloa District in Eastern Province. It is considered the oldest irrigation settlements scheme in the district. This tank is built across the Magalawattuwan Aru River.

Currently, there is no permanent structure across the spill tail river of Unnichchai tank at Sippimadu area to head up the water and irrigate the irrigable areas under Thavanaimadi Anicut to Seenthipalahai Anicut in Mahilavettuvan River. Before the year 2012, a sand dam had been constructed every year across the spill tail river during Yala season to supply water to Mahilavettuvan River. However, during the North East monsoon period the sand dam washed away due to the flood which comes from the LB Spill of the Unnichai tank. However, after the year 2012, the river flow through only downwards (Karavetti river) and the river flow through the Mahilavettuvan river completely stopped.

As a solution for irrigation water shortage in Sippimadu area, the Project Planning and Design branch proposed to construct an Anicut along Mahilavettuvan river at Sippimadu area and designs were carried out for the Anicut structure. Accordingly, it has designed a 111.0 m length of anicut including two gated structure and weir section.

b. Radial Gated Spillway for the proposed Lavan Aru reservoir

The proposed Lavan Aru reservoir is situated on the Karandagaha Ela tributary, within the Mundeni Aru river basin. The dam site drains a catchment area of 92.7 km² and receives rainfall from both monsoon seasons, with average annual rainfall varying between 1,500 mm and 2,000 mm. The tank bed area of the Lavan Aru reservoir spans three Grama Niladhari (GN) divisions: Siripura, Karabagoda, and Madugama. The location of the proposed reservoir is identified by the metric coordinates 269,216 m E,

276,982 m N (geodetic coordinates 7° 41' 46" N, 81° 23' 57" E).

The Lavan Aru reservoir is designed to meet the irrigation and drinking water requirements of the Iralakulam and Kithulwewa Grama Niladhari areas, and it aims to support flood mitigation efforts in the Mundeni Aru Basin. The reservoir will have a capacity capable of providing irrigation facilities for 3000 acres of both new and existing lands, as well as sufficient water to meet drinking water demand. Additionally, it will significantly contribute to reducing flood risk in the basin. Prioritizing the environmental flow, the reservoir will ensure downstream flow maintenance.

Technical Data Reservoir

Full Supply Level : 33 m MSL

Capacity at FSL : 33.4 MCM

Spillway

Type of gate : Radial Gated

No. of gates : 2

Gate Width : 6.1 m

Gate Height : 4.6 m

Ogee Crest Level : 28.4 m MSL

Minor Design Assignments Completed:

- Design of Minor Flood Protection Structure at Hewagama (Kelani River) – Colombo Irrigation Division
- Design of Minor Flood Protection Structure at Kahatapitiya (Kelani River) – Colombo Irrigation Division

4.6.4 Staff Position

Table 4-12: Staff Position in the Design branch

No	Designation	Approved Cadre	Present Cadre	Deficit/Excess
1	Chief Engineer	02	01	01
2	Irrigation Engineers	15	03	12
3	Drawing Office Assistant	02	02	-
4	Draughtsman	10	01	09
5	Management Service Officer	02	01	01
6	KKS	01	-	01

4.7 Water Resources Planning Branch

4.7.1 Objectives

River basin planning through the assessment of available water resources and the evaluation of water demands for multiple uses within the basin, and propose developments of new water resource projects and upgrading of existing irrigation schemes.

4.7.2 Functions

- Reviewing and updating the National Water Resources Master Plan to support the long-term economic, social, environmental and development goals of the country.
- Conducting river basin studies for prioritized river basins and preparation of river basin plans.
- Identifying potential new water resources development projects.
- Carrying out hydrological studies for proposed water resources development projects and for the upgrading of existing irrigation schemes.
- Providing consultancy services for other organizations in water resources planning upon request.

4.7.3 Performance

The following activities were carried out at the Water Resources Planning (WRP) branch during year 2024.

a. River basin studies for basin planning

i. Hydrological study on the proposed diversion from the Gin and Nilwala river basins to the Walawe River basin

A hydrological study was conducted to evaluate the possible diversion from the Gin and Nilwala river basins to the existing Muruthawela reservoir in the Urubokka Oya basin and subsequently to Chandrika Wewa in the Walawe river basin. The study considered the following alternative infrastructure proposals in the Gin and Nilwala river basins.

- | | |
|-----------------|--|
| Alternative 1 - | A reservoir at Madugate, diversion weir at Kotapola, reservoir at Ampanagala |
| Alternative 2 - | A weir at Pitadeniya, diversion weir at Kotapola, reservoir at Ampanagala |
| Alternative 3 - | Diversion weir at Kotapola, reservoir at Ampanagala |

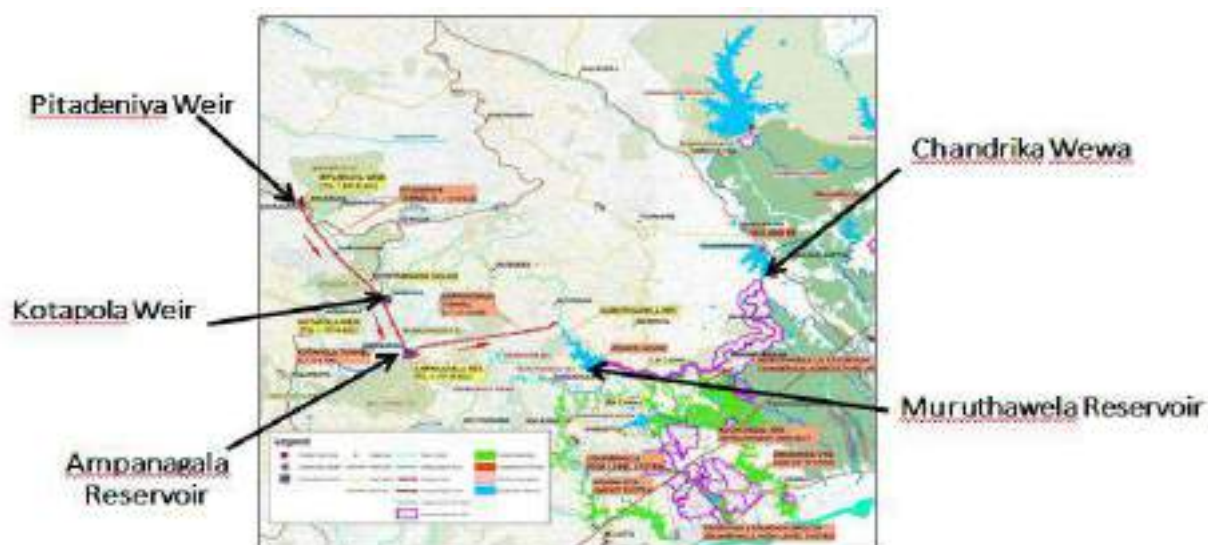


Figure 4-20: Project area and the diversion locations proposed under Gin Nilwala Diversion Project (MoI, 2022)

In alternative 1 and 2, the proposed diversion path starts respectively from Madugate reservoir and Pitadeniya weir in the Gin river basin, then proceed to Kotapola weir across Kotapola oya, a tributary of Nilwala river. From the Kotapola weir, the water is diverted to the Ampanagala reservoir across Siyambalagoda oya, another tributary of the Nilwala river, and then from the Ampanagala reservoir to the Muruthawela reservoir. Alternative 3 evaluate the possible diversion to Muruthawela reservoir only from Nilwala river basin without diversion from Gin river basin. In alternative 3, diversion starts from Kotapola weir to Ampanagala reservoir and then to the Muruthawela reservoir. Muruthawela reservoir is an existing reservoir, while the other infrastructures are proposed. Capacity enhancement of the Muruthawela reservoir is proposed by raising the existing dam by 1.5 m.

The study assessed the water availability for diversion from Gin and Nilwala rivers, the feasibility of increasing cropping intensity in existing paddy lands, meeting current and future drinking water demands, and new land improvement for commercial cultivation under Muruthawela reservoir. The possible water diversion from the Muruthawela reservoir to Chandrika Wewa and the quantity of drinking water that can be extracted from Chandrika Wewa to supply Hambantota area was evaluated.

According to the hydrological analysis, in the alternative 1, with a 13.65 MCM reservoir at Madugate, the possible diversion from Muruthawela reservoir to Chandrika wewa is 75.7 MCM with 97% success. The success of paddy cultivation under Muruthawela scheme is 90% in Maha and 65% in Yala season. Additionally commercial crop cultivation in 650 ha is possible.

In alternative 2, the annual diversion from Muruthawela reservoir to Chandrika wewa is 70.2 MCM with 70% success. The success of paddy cultivation is same however additional commercial crop cultivation is not possible. In alternative 3, without diversion from Gin river basin, the possible diversion from Muruthawela reservoir to Chandrika wewa is 2.4MCM and every year there are failures with no diversion more than ten consecutive days.

Accordingly, the alternative 1 with proposed Madugate reservoir offers greater benefits in comparison to the alternative 2 with Pitadeniya weir in harnessing water from the Gin and Nilwala river basins for supplying drinking water in the Hambanthota district. Alternative 3 without diversions from Gin River is not feasible for supplying the water requirement of Hambanthota district.

ii. Study to identify irrigable area extend and cropping patterns under Kuda Oya, Handapanagala and Alikota ara reservoirs with Uma Oya diversion

Different scenarios of cropping patterns for the irrigable area under three reservoirs were studied to find out the optimum water use with acceptable success in irrigation for both Maha and Yala seasons while allowing for drinking water demands. Although there is surplus water in many months, the low diversion in the months of June and July limits the cultivation in the Yala season. The reservoir operation studies at Handapanagala, Kuda Oya, and Alikota ara were conducted considering their catchment inflows and Uma Oya diversion flow. The cropping pattern under each reservoir was selected for this study, from scenario analysis for optimum use of land and water resources. The success of cultivation is given in Table 1 for Maha and Yala seasons.

Table 4-13: Proposed cropping pattern and seasonal success of cultivation under Handapanagala, Kuda Oya, and Alikota ara irrigation schemes with Uma Oya diversion

Crop Type	Kuda Oya		Handapanagala		Alikota ara		Drinking water (MCM)
	Maha	Yala	Maha	Yala	Maha	Yala	
Paddy (Acres)	7,692	5,093	3,015	3,015	3,566	2,496	10
OFC (Acres)	2,378	1,590	599	599	847	593	
Sub Total	10,071	6,684	3,614	3,614	4,414	3,090	
Success	90%	50%	90%	100%	100%	20%	100%

According to the Figure 1, diversion from Uma Oya has excess water than the requirement of upper Kirindi Oya basin except the months of June and July. With the proposed cropping pattern under three reservoirs and with the provision of 10 MCM for drinking from Alikota ara reservoir, a 10.7 MCM average water deficit exists in the system in the months of May, June July and October. The highest average water deficit is 7.2 MCM in June.

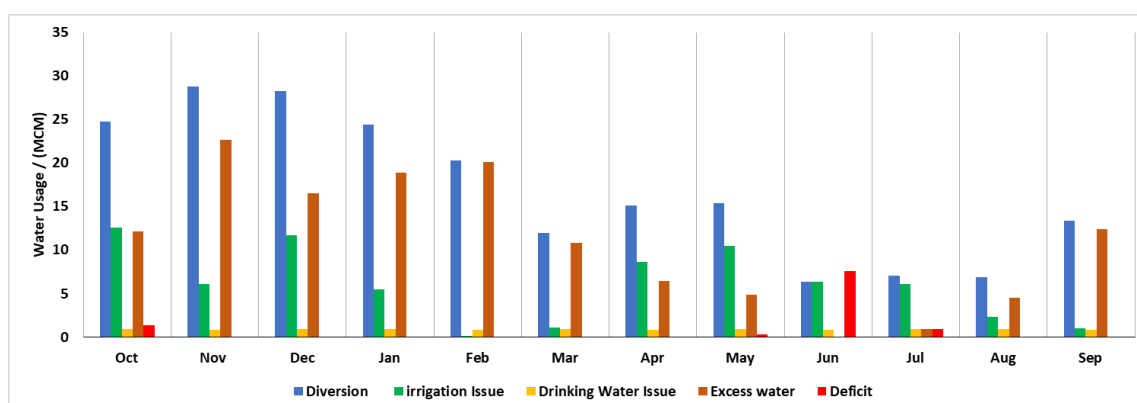


Figure 4-21: Average monthly water use at the Kirindi Oya upper basin under Handapanagala, Kuda Oya, and Alikota ara reservoirs. Water available for Lunugamvehera reservoir is given as excess water in upper Kirindi Oya basin.

- iii. Completed the hydrological study on proposed raising of Badulu Oya anicut
- iv. Completed hydrological study on proposed Wewalkandura reservoir across Katupa Oya in Walawe river basin.
- v. Completed preliminary hydrological assessment for supplying water demand of proposed oil refinery in Hambanthota

b. Checking the locations of wind, mini-hydropower and solar power project

The locations for proposed solar, wind and mini hydropower projects submitted by other organizations, are reviewed at the WRP branch to ensure there is no interference with the proposed water resources development plans outlined in the Water Resources Master Plan. The recommendations are made to the Environmental Studies Branch to proceed with no objections. The number of proposed projects reviewed at the branch is provided below.

- i. Mini-hydro Power Projects : 7
- ii. Solar Power Projects : 38

4.7.4 Staff Position

Table 4-14: Staff Position in the Water Resource Planning branch

No	Designation	Approved Cadre	Present Cadre	Deficit
01	Director of Irrigation	1	1	-
02	Chief Engineer	1	-	1
03	Irrigation Engineer	10	2	8
04	Earth Resources Engineer	1	1	-
05	Management Assistant	1	-	1
06	KKS	1	1	-
07	Labourer	-	1	-

4.8 Environmental Studies Branch

4.8.1 Objectives

Handling all the environmental matters pertaining to the Irrigation Department

4.8.2 Functions

- Obtaining the Environmental Approval (EIA/IEE) from Central Environmental Authority or other Project Approving Agency for all the projects under the purview of the Irrigation Department.
- Issuing Irrigation Department clearances, whenever necessary for the projects handled by the other government institutes and private sector such as Highway Projects, Solar Power Projects, Wind Power Projects, Hydropower Projects, Mini Hydropower Projects, Industrial land fillings, Holiday Resort and Hotel Projects, Railway Projects and Transmission Line Projects etc.
- Representing Irrigation Department as the TEC member and reviewing EIA/IEE reports and Technical Evaluation Committee Meetings / submit comments / recommendations / suggestions to Central Environmental Authority and other Project Approving Agencies.
- Attending to environmental related matters in the Irrigation Projects.
- Environmental monitoring works in government and private sector projects related to Irrigation Department.
- Issuing recommendations, consent letters for river sand mining and land based sand mining etc.
- Issuing recommendations for de-silting in irrigation tanks.

4.8.3 Performance

a. Irrigation Projects – Environmental Impact Assessments (EIA) & Initial Environmental Examination (IEE)

Table 4-15: Irrigation Projects-EIA & IEE

Project Name	Description
Kumbukkan Oya Reservoir Project	The Project Approving Agency (PAA) is the Forest Department. Addendum for addressing public comments on EIA report was submitted to the Forest Department. TEC meeting to the Addendum was held on 27.03.2024. Forest Department has not yet given the Environmental Approval.
Mundeni Aru River Basin Development Project	The Project Approving Agency is Central Environmental Authority. Final EIA Report was submitted to the PAA. End of the year 2024 EIA report was published for public comments.
Galgekandiya Tank Project	The Final EIA report was submitted to the Project Approving Agency. 85% of contract amount paid to the consultancy team

b. Sand Mining and De-silting Projects

- Authority for issuing recommendation for sand mining projects was given to Regional Directors of Irrigation for a specific time.
- Period and circulars were issued for time extension as appropriately.
- Letter was circulated with Regional Director of Irrigation, charge the fees for acquisition of minerals on state land (Service/Forest Production fees) and land use.
- A guideline was prepared and circulated with Director of Irrigation (All regions) to get their comments and suggestions.
- Illegal sand mining locations reported by regions and public (complains) were sent to Geological Survey & Mines Bureau to take actions to terminate them.
- Approvals were granted for 04 nos. of land based sand mining projects in Eastern Province, 05 nos. of land based sand mining projects in Southern Province, and 01 land based sand mining project in Western Province and 10 nos. of requests were not approved due to several reasons.
- Approval was granted for de-silting of Maha Aluthgama Ara, Nagadeepa Wewa.
- Approval was granted for Clay/Soil removing from the tank bed of Palukadawala wewa, Nachiyaduwa wewa.
- Renewal approvals were given for de-silting Rotta wewa and Navakiri wewa in North-east province.
- Approval was granted for de-silting and sand removing from Palliyadiyan River.

c. Transmission Line Projects / Solar and Wind Power Projects

Table 4-16: Details of the relevant projects

Project Description	Condition
Proposed 132 kV Transmission Line Project at Keeriyankalliya (length 10.4 km)	Conditional Approval Given
Proposed 220 kV Transmission Line Project from Anuradhapura Grid substation to new Habarana Grid substation.	
5 MW Solar Power Project at Maho.	
5 MW AC ground mounted Solar Power Plant	
Development of 20 MW Wind Power Projects in Mannar	No objection letter issued
Solar Power Plant – Vavunathievu, Batticaloa (10MW)	
Solar Power Project – Aliyaweli, Kilinochchi (10 MW)	
Proposed 20MW Solar PV Power Plant projects in Kappalthurai, Trincomalee.	
Solar Power Plant –Sri Jinarathana Sloar power Project.	
Solar Power Plant – Kahakurulanpella 1 MW Sloar Power Project.	
2 MW Ground Mounted Sloar Power Project Waskaduwa.	
Solar Power Plant – Kosgama 01 (3 MW) , Kosgama 02 (2 MW), Veyangoda (3 MW)	
3 MW Solar Power Project at Mirigama	
Sittrakala Solar Power Project (10MW)	
1 MW Ambatale Solar Power project	
1 MW Ground Mounted Grid connected Solar Project at Pahatha Mailapitya.	
for 1 MW Ground Mounted Solar Power project Kurunagala	
3 MW Wewagedara Solar Power project	
Carried out Initial Environmental Examination (IEE) for establishing a 100 MW Solar renewable project in Muttur, Trincomalee	Initial Consent Given

d. Proposed Roads / Highways / Railway Projects

- i. No objection was granted to completion of the balance work of Kadawtha Interchange to link outer circular Highway and Central Expressway.

e. Mini Hydropower Projects

- i. Approval process for Mini Hydro Power SOP and Flow chart were prepared and Approved by DGI
- ii. 27 numbers of Mini hydro power projects were evaluated and submitted the comments to the Project Approving Agency or project proponents, for further actions.
- iii. Approvals for 8 number of Mini Hydro Power projects were granted. Initial Consents for 2 number of Mini Hydro Power projects were granted.

f. Holiday Resort and Hotel Projects (One Stop Unit – Sri Lanka Tourism Development Authority)

- i. 50 numbers of Hotel development projects were evaluated and given the Irrigation Department recommendations or comments.

g. Other Projects (Approved)

- i. Conditional approval was granted for proposed Quartz Mining site – Kotikambokka
- ii. Initial consent was given for extraction water of raw water and discharge of treated effluent to Welipenna Oya.
- iii. Conditional approval was granted for the proposed boat service in Lenabatuwa wewa.
- iv. Conditional approval was granted for extract water from Mee Oya for Steel factory.

h. Attending to Meeting & Field Visit

126 meetings (Scoping, Technical Evaluations, Workshops, etc.) and 46 Joint field inspections were conduct for monitoring and evaluations. These efforts were aimed at issuing recommendations and approvals for various types of development projects in collaboration with other relevant agencies such as Central Environmental Authority, Sri Lanka Tourism Development Authority, Coastal Conservation and Resource Management Department, Ministry of Urban Development and Housing, Department of Wildlife Conservation, etc.

i. Other Works

- i. Joint inspection report on water pollution dues to gem mines operation in Marabe area was submitted to Parliamentary Committee on Methods and Techniques as instructed by the committee.
- ii. The guidelines for construction of gabion walls (Jetties) within the Bolgoda Environmental Protection area were prepared and obtained approval from Bolgoda Environmental protection Area Management Committee, for implementation in the Bolgoda area.

4.8.4 Staff Position

Table 4-17: Staff Position in the Environmental Studies

Designation	Approved cadre	Available staff	Deficit/Excess
Director of Irrigation	01	01	-
Chief Engineer	01	01	-
Irrigation Engineer	04	01	3
Engineering Assistant	01	01	-
Management Service Officer	05	02	3
Development Officer	01	02	1
Office Employee Service (KKS)	01	01	-

4.9 Land Use Division

4.9.1 Objective

Using qualitative and quantitative scientific information, perform land use recommendations for irrigation and other development projects.

4.9.2 Functions

- Conducting general purpose and specific soil surveys.
- Determining all possible land use options for given land and preparing a land use plan for the area.
- Producing soil maps, land use maps, and potential land use maps at the national, provincial, district, project and farm levels.
- Providing soil data for the plan and design of irrigation projects.
- Making recommendations for crops and other land use types for irrigation projects.
- Providing water quality data of irrigation projects and other water resources.
- Making quantitative assessments of potential hazards such as edibility, acidity, alkalinity and salinity.
- Conducting chemical and physical analysis of soil and water.
- Conducting research on soil properties and water quality.

4.9.3 Performance in 2024

The Soil and Land Use Survey in Kandaketiya scheme of Badulla district was completed in the year 2024. A detailed soil survey – Medium intensity was carried out. An irrigable area of 1250 ha has been surveyed. Both the soil map and the land suitability map (Scale 1:10,000) of the survey area were completed.

Water quality monitoring studies were continued with respect of tanks and reservoirs in Hambantota and Anuradapura districts. Additionally, water quality studies were carried out for six major rivers, Attanagalu oya, Kelani Ganga, Malwathu Oya, Menik Ganga, Gin Ganga and Nilwala Ganga in this year.

Laboratory analysis was conducted for the soil and water samples, which were taken from the following projects. Prepared soil maps, land use maps and water quality reports relevant to the above projects can be used for future land use planning.

a. Soil and Land Use Survey of Badulu Oya area - Kandeketiya scheme (683 ha)

The soil and land use survey in the Badulu Oya area was started in March 2024 and fieldwork was completed in April 2024. A detailed soil survey – medium intensity was carried out for an irrigable area of 683 ha. In this respect a soil map and land use map (Scales 1:10,000) have been prepared.



Figure 4-22: Describing a soil bore sample - Badulu Oya area

b. Soil and Land Use Survey of Bathmedilla area - Kandaketiya scheme

A detailed medium-intensity soil survey was conducted on an irrigable area of 683 ha as part of the soil and land use survey in the Bathmedilla area. The survey commenced in May 2024, with fieldwork concluding in June 2024. A soil map and a land use map (Scales 1:10,000) have been prepared.



Figure 4-23: Examining the soils in the Bathmedilla area

c. Water quality monitoring and salinity studies in Irrigation Schemes

The water quality monitoring programme was started in order to prepare a dataset on irrigation water quality in major and medium tanks under the Irrigation Department. This programme has been continued from previous years and was also conducted this year. Samplings were done in selected major tanks in the Anuradhapura and Hambantota district.

In the year 2024, studies were implemented to monitor the water quality in six major rivers in Sri Lanka; Attanagalu Oya, Malwathu Oya, Gin Ganga, Nilwala Ganga, Kelani Ganga and Menik Ganga.

The collected samples were analyzed for pH, EC, CO_3^{2-} , HCO_3^- , Cl^- , F^- , SO_4^{2-} , NO_3^- , Ca^{2+} , Mg^{2+} , Na^+ , and K^+ . This program is currently in progress and will be continued.

d. Training field staff and university students

Field and theoretical programs were conducted in the Kiralakele drainage scheme in the Matara area for soil surveyors who were recruited in recent years. In addition, special theoretical and practical training sessions were organized for the university students.

e. Soil and water quality tests performed by the laboratory of Land Use Division

Under the projects mentioned above, the following laboratory analyses were carried out for 40 soil samples and 338 water samples:

Table 4-18: Soil samples analyzed in the year 2024

Parameters/methods	No. of samples analyzed
pH (Sat: paste)	40
E.C	40
Organic C	40
Particle size (Mechanical analyze)	40

Table 4-19: Water Samples analysed in the year 2024

Parameters/methods	No. of samples analyzed
pH	338
Electric conductivity	338
Sodium	326
Potassium	326
Calcium	208
Magnesium	208
Carbonate	326
Bicarbonate	326
Chloride	326
Turbidity	12



Figure 4-24: Conducting tests for water samples

f. Digital Map Production

The following digital maps were prepared in the year 2024 by the cartography section of the Land Use Division.

- Soil map of Badulu Oya (Scale 1:10,000)
- Land Use map of Badulu Oya (Scale 1:10,000)
- Soil map of Bathmedilla (Scale 1:10,000)
- Land Use map of Bathmedilla (Scale 1:10,000)
- Water quality sampling point map of
 - Anuradhapura District reservoirs (Scale 1:500,000)
 - Attanagalu Oya river basin (Scale 1:125,000)
 - Hambanthota District reservoirs (Scale 1:800,000)
 - Kelani Ganga river basin (Scale 1:200,000)
 - Nilwala Ganga river basin (Scale 1:400,000)
 - Malwathu Oya river basin (Scale 1:300,000)
 - Menik Ganga river basin (Scale 1:180,000)
 - Gin Ganga river basin (Scale 1:300,000)

g. Purchasing Instruments

A portable dissolved oxygen meter with electrode and Hand-held Clinometer were purchased for the Land Use Division.

h. Establishment of water quality monitoring units

Laboratory inspections were conducted for the ‘water quality labs’ in Matara and Kandy during the year 2024.

4.9.4 Expenditure during the year 2024

Table 4-20: Expenditure in Land Use Division during year 2024

Item	Vote Particulars	Allocation Rs. ‘000	Expenditure Rs. ‘000	Physical Progress %
Soil and Land Use Studies (Baduluoya-683ha)	282-2-2-0-2507(11)-009-2	2,500	2,300	100
Soil and Land Use Studies (Bathmedilla-567ha)	282-2-2-0-2507(11)-008-5	1,500	1,360	100
Water quality monitoring of Reservoirs and rivers	282-2-2-0-2507(11)-008-10	1,500	940	70
Water quality monitoring -River basin Development and Management	282-2-2-005-2105(11)-7	950	420	46
Establishment of 4 nos of water quality monitoring units and Water quality monitoring of reservoirs	282-2-2-0-2507(11)-009-9	1,000	110	25

4.9.5 Staff Position

Table 4-21: Staff Position in the Land Use branch

No	Post	Approved Cadre	Present Cadre	Deficit/Excess
1	Director (Land Use)	1	0	1
2	Specialist officer	2	0	2
3	Research Officer	1	0	1
4	Assistant Soil Chemist	5	2	3
5	Land Use Superintendent	3	1	2
6	Soil Surveyors	28	15	13
7	Soil Cartographers	5	2	3
8	Research Assistants	6	3	3
9	Development Officer	0	1	1
10	Management Service Officer	2	1	1
11	Store Assistant	2	1	1
12	Store keeper	1	0	1
13	Driver	4	2	2
14	Laboratory Assistants	5	3	2
15	Laboratory Labourer	5	2	3
16	Labourer 25/2014	1	1	0
17	Labourer	1	1	0

4.10 Information & Communication Technology (ICT) Branch

4.10.1 Objectives

The scope of ICT branch is to provide services related to ICT for other Sub Departments, Branches and Regions & Divisions.

4.10.2 Functions

This extends to minor repairs of ICT equipment, computer peripherals and CCTV System of the Head office premises maintenance, update and upgrade both hardware and software applications including the department web site (www.irrigation.gov.lk). In addition to that, identify the equipment requirement, update with the latest technology, preparation of specifications of ICT equipment and issuing of conformity certificates after procurements are done by this branch.

4.10.3 Performance

Table 4-22: Summary of jobs undertaken by ICT Branch during the year of 2024.

Activity	No of Items repaired / No. of Incident
1.Computer repairs	Major repair 111Nos. Minor Repairs 1400Nos.
2.Printers & Others affiliated equipment repair	32 Nos.
3. Networking 3.1 Propose Network Systems 3.2 Repair of Network Systems	DI office - Moneragala DI office - Polonnaruwa DIE office - Polonnaruwa Administration Office - Unit 01
4. Facilitate to video conferencing activation	120 Nos. of meeting arranged
5.Library Management System	Implementation of Koha Integrated Library System at the Library of the Irrigation Department
6. Inspection of unserviceable computers & others Equipment's for issue disposal certificate	Head Office - 74Nos. Hydraulics Research Laboratory - 07Nos. Ministry of Irrigation - 51Nos. <u>Kurunegala Region</u> DI E's Office - Katugampola :14Nos. DI E's Office - Nikaweratiya : 03Nos. DI E's Office - Hiriyala : 22Nos. DI E's Office - Galgamuwa : 18Nos. <u>Monaragala Region</u> DI Office - Moneragala : 22Nos. DI E's Office - Moneragala : 06Nos. DI E's Office - Bibile : 11Nos. DI E's Office : Wellawaya : 05Nos. <u>Trincomalee Region</u> DI Office - Trincomalee : 10Nos. DI E's Office - Morawewa : 03Nos. DI E's Office - Muthur : 25Nos. DI E's Office - Kanthale : 23Nos.

	<u>Anuradhapura Region</u> DI Office - Anuradhapura : 23Nos. DIE's Office - Nachchaduwa : 11Nos YanOya Project Office : 36Nos. DIE's Office - Padaviya : 20 Nos. <u>Polonnaruwa Region</u> DI Office - Polonnaruwa : 8Nos. DIE's Office - Minneriya :06Nos. DIE's Office - Kaudulla : 05Nos. <u>Hambantota Region</u> DI Office - Hambantota : 10Nos. DIE's Office - Hambantota : 14Nos. DIE's Office -Weeraketiya : 28Nos. DIE's Office - Tissamaharama : 23Nos.
7. Repairs & Inspection of CCTV system in department premises	Mechanical Engineering Office, Rathmalana Engineering Material Division Head Office – CCTV Rewiring Land Use Division Main Security Point – Jawatta Gate
8. Upgrading & maintained department web site www.irrigation.gov.lk	80No. of updates (Including procurement notice and staff annual transfers)

4.10.4 Regional wise allocation Distribution and Expenditure

Table 4-23: Regional wise allocation Distribution

Region	Release Allocation Rs.(000')
Puttalam	744
Trincomalee	907
Ampara	600
Anuradhapura	700
Polonnaruwa	380
Hambantota	422
Mannar	200
Colombo	142

4.10.5 Staff Position

Table 4-24: Staff Position in the ICT branch

No.	Designation	Approved Cadre	Available	Deficit/Excess
01.	Director of Irrigation	01	01	-
02.	Assistant Director (ICT)	01	-	01
03.	ICT Officer	02	-	02
04.	Development Officer	01	01	-
05.	ICT Assistant	02	-	02
06.	Technical Aide	01	01	-
07.	Management Service Officer	01	02	01
08.	KKS	03	03	-

4.11 Geo Informatics Systems (GIS) Branch

4.11.1 Objectives

Providing GIS technical support and training for other Sub Departments, Regional Offices and Divisional Offices.

4.11.2 Functions

- Create, Update and Maintain spatial data repository
- Preparation of GIS maps and databases for existing irrigation schemes and for new projects
- Carrying out of special GNSS Surveys for irrigation planning works and the MSL datum transfer
- Carrying out of specialized training for GIS for field staff
- Undertake GIS components of special projects
- Developing of Web GIS and maintaining and updating website

4.11.3 Performance

a. Development of Scheme Database for Irrigation Schemes

The Geo-informatics Branch has developed Irrigation Schemes Database incorporating multiple layers such as Reservoirs Data, Irrigable Extent, Canal System, Catchment Boundary, Head Works (Sluice, Spill, and Bund), and Anicuts Data offers significant advantages in water resource management, irrigation planning, and disaster mitigation. Each layer plays a crucial role in understanding and optimizing water distribution, agricultural productivity, and hydrological processes. This database user can access through the Irrigation Department official website under the GIS portal.

- Reservoirs Data (Polygon Layer) – This includes reservoir hydro data such as Water spread area, Full Supply Level (FSL), High Flood Level (HFL), Bund Top Level (BTL), Capacity at FSL, Dead storage, Live storage, River Basin. etc.
- Irrigable Extent (Polygon Layer) – This layer provides spatial data on land suitable for irrigation, helping authorities and farmers efficiently allocate water resources. It enables better planning of cropping patterns, ensuring optimal utilization of available water while minimizing water wastage.
- Canal System (Line Layer)– This layer represents the irrigation canal network, most of the scheme including Main, Branch, Distributary, and Field canals. It allows water managers to track water distribution efficiency, identify leakages or blockages, and optimize the routing of water to farmlands, improving agricultural output.
- Head Works (Sluice, Spill, Bund) (Point Layer) – This layer contains critical water management infrastructure data, including sluices, spillways, and bunds, which regulate water flow and storage. Monitoring these structures helps prevent failures, improve flood control, and ensure a stable water supply for irrigation and domestic use.
- Anicut Data (Point Layer) – Anicuts play a vital role in diverting water for irrigation, groundwater recharge, and flood control. This layer provides insights into small-scale water

diversion structures, helping improve their maintenance, assess their efficiency, and ensure equitable water distribution.

- Catchment Boundary (Polygon Layer) – The catchment boundary layer delineates watershed areas and helps in understanding how rainfall and surface runoff contribute to water availability in reservoirs and rivers. It plays a crucial role in hydrological modeling, flood risk assessment, and sustainable water management strategies.

b. Preparation of Scheme Maps and Issue trees for Akathimurippu Irrigation System

Scheme maps and Issue tree for the Akathimurippu scheme prepared based on the data captured through satellite images, field data collection and Engineering Survey Sheets available in the plan room in Head Office. Detail Akathimurippu scheme web map can be accessed through Irrigation department web site under the GIS portal.

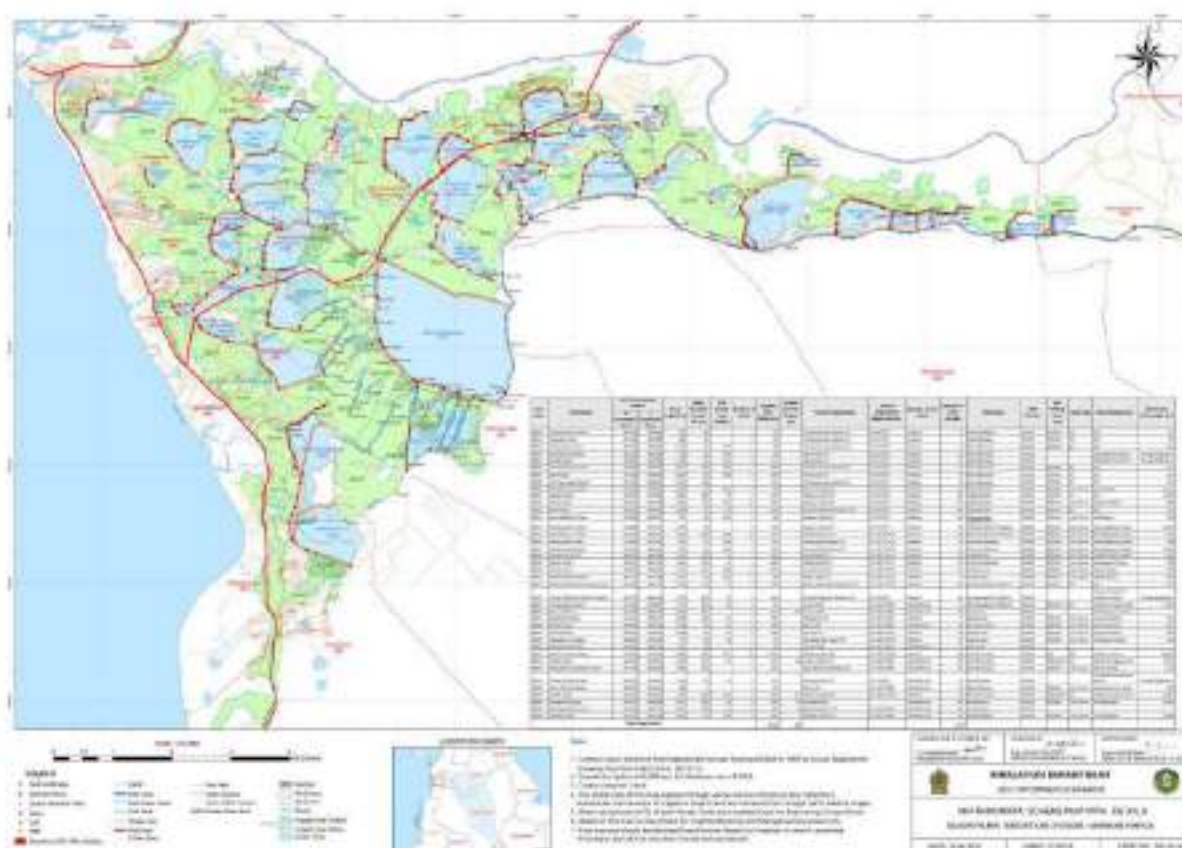


Figure 4-25: Scaled down map of Akathimurippu scheme map with details – Silavathurai Irrigation Division Mannar Region

c. Developing Area-Capacity Diagrams and Maps

Area-Capacity diagram for Kuda Oya Reservoir and Alikota Ara Tank was updated with the data collected from field and the data available in planning branch and Engineering Survey Sheets in Record room.

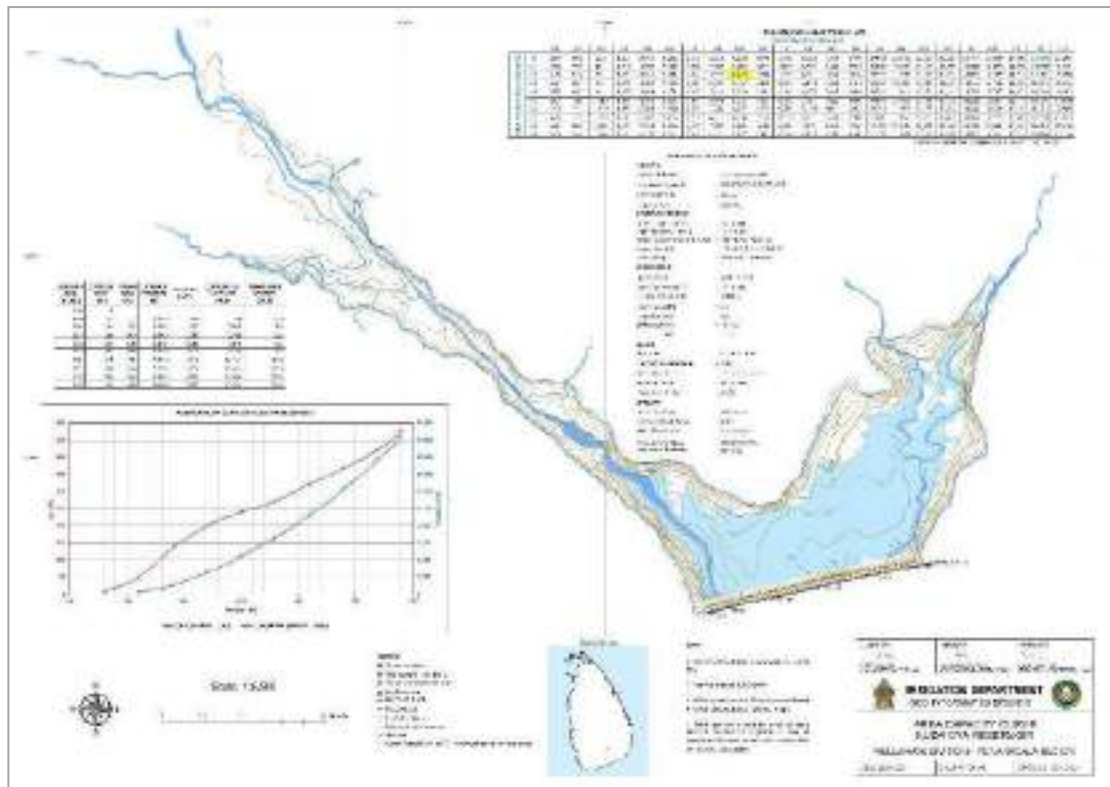


Figure 4-26 - Scaled down map of Area Capacity curve of Kuda Oya Reservoir

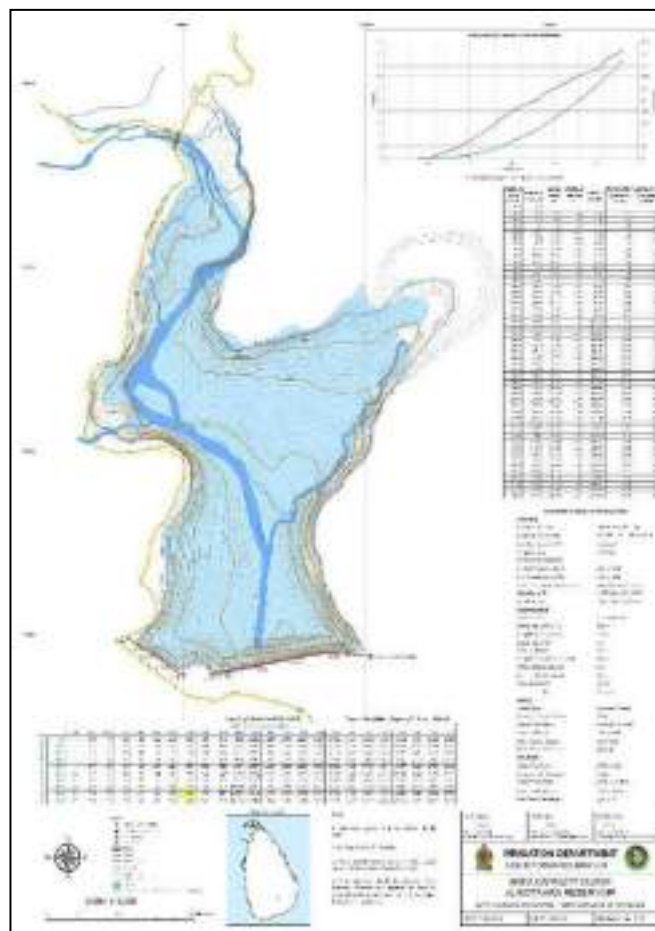


Figure 4-27 - Scaled down map of Area Capacity curve of Alikota Ara Reservoir

d. GNSS Surveys

GNSS surveying carried out for Kattakaduwa Scheme – Weeraketiya division, Dewahuwa scheme – Dambulla division, Badulu Oya scheme – Kandeketiya division and Pavathkulam Scheme – Vavuniya division as per the request of Regional Directors and prepared the surveying maps.



Figure 4-28 - GNSS Surveying at Kattakaduwa Scheme, Dewahuwa scheme, Badulu Oya scheme and Pavathkulam Scheme

e. Map Creations for Requests

As per the requests given by the following projects and branches, maps have been created and submitted.

• Akarawita Structure Contour Map	-	Project Planning & Design Branch
• Wewelkandura Project Map	-	
• Wewelkandura LULC Map	-	
• Wewelkandura Soil Types Map	-	
• Wewelkandura Contour Map	-	
• Proposed Pusweldola Ara Project Map	-	
• Heda Oya Basin Map	-	Water Management Branch
• Gal Oya Basin Map	-	
• Mee Oya Basin Map	-	
• Mi Oya Basin Map	-	
• Kala Oya Basin Map	-	
• Huruluwewa Land Use Map	-	
• Yan Oya Land Use Map	-	
• Water Extraction Point location Maps	-	
• Catchment Area Map – Malwatu Oya	-	
• Catchment Area Map – Kirindi Oya	-	
• Catchment Area Map – Gal Oya	-	Water Resource Planning Branch
• Area Capacity – Kuda Oya Reservior	-	
• Area Capacity – Alikota Ara Reservior	-	Riverine Management Branch
• Deduru Oya River Basin Map	-	

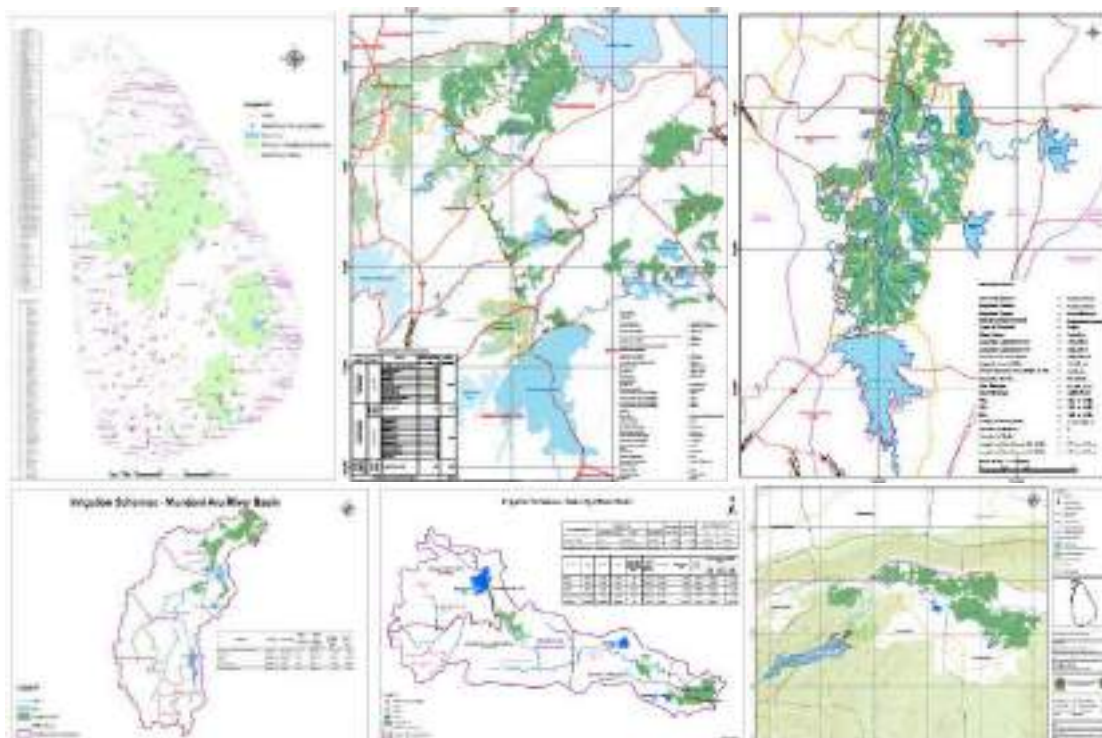


Figure 4-29 – Sample maps prepared on request

f. Conducting Training Sessions for Irrigation Staff and Training Students from Universities

Training sessions for Google Earth Pro, GIS and GNSS surveying were carried out for Engineering Assistants, Irrigation Staff and trainees from University of Moratuwa, University of Kelaniya, and University of Jayawardhanapura.



Figure 4-30 - Conducting training Sessions

4.11.4 Staff position

Table 4-25: Staff position in the GIS Branch

No	Designation	Approved Cadre	Present Cadre	Deficit/Excess
01	Director of Irrigation	1	1	0
02	Chief Engineer	1	0	1
03	Engineer (Civil)	5	1	4
04	Engineer (Earth Resource)	3	1	2
05	Engineering Assistant	6	3	3
06	Management Service Officer	1	0	1
07	Development Officer	0	1	0
08	KKS	1	1	0

4.11.5 Any other important information specific to the branch

- Project-based GNSS surveys are being carried out upon requests all over the country
- Developing, Maintaining, Updating, visualizing real time data and web maps on the website.

4.12 Engineering, Scientific & Technological Services (EST) Branch

4.12.1 Objectives

This Branch re-established under the restructuring of the Department in 2013 according to the Public Administration Policy to assist Engineering Service Board functions of the Ministry of Public Administration. General administration works of department officers in & above the SL-1 Grade, Engineering Assistants (EA) and Institutional Development Officers (IDO) services are covered by the EST branch. This branch is managed through Director of Irrigation (EST), Chief Engineer (EST), Irrigation Engineer (EST) and Administrative Officer (Unit-01).

4.12.2 Functions

- General Administration functions and supervision of all the relevant field of Additional Directors General, Directors, Chief Engineers, Engineers, Accountants, Engineering Assistants, Legal Officer, Institutional Development Officer, Instrument Superintendent, Drilling Superintendent & other Scientific Services.
- Human Resource Development of Engineering, Scientific & Technical Services.
- Assist DGI/Addl. DGI (I, P&D) for the Management of Human Resources of Engineering, Scientific and Technical Services.
- Capacity building of EST services in collaboration with Training Branch.
- Upgrade and update of Irrigation Department manual.
- Preparation of list of duties for EST services.
- Organizing annual transfer board/ appeal board for Engineers and Engineering Assistants and represent as a member of the transfer board.

4.12.3 Performance

Engineering, Scientific & Technological Services (EST) was carried out following performance.

- There are 03 no officers under EST services were retired in year 2024. All the pension procedures are followed correctly and documents have been submitted to pension department on time.
- All the grade promotions were recommended and forwarded to Engineering Service Board for approval of the Public Service Commission and received all the promotions.
- Further to these routine works; annual transfer of Engineers and Engineering Assistants were performed. It was the major and critical task at the moment because there are about 100 deficits in Engineers approved cadre. Therefore, it was critical to assign a suitable person at suitable place to carry the works efficiently with consideration of the economic crisis of the country, priority of the officer, seniority level, service requirement.
- Other administration functions such as Increments, Car permit applications, Retirement papers, Document for Special Grade Promotion, Secondment release to special projects were attend without delay.
- Due to the deficit of Engineers, it is informed to ministry and followed all the procedures to get the engineers from available departments and boards.

Table 4-26: Position of Approved cadre and vacancies as at end of December 2024

Designation	Grade	Approved Cadre	Active Service	Vacancies	Remarks
Sri Lanka Engineering Services					
Director General of Irrigation	Civil Special Grade	01	01	-	-
Addl. Director General of Irrigation	Civil Special Grade	04	04	-	-
Director of Irrigation	Civil I	36	36	-	-
Directors	Mechanical I	03	01	02	-
Chief Engineers	Civil I	40	37	03	-
Chief Engineers	Mechanical I	03	-	03	-
Engineers	Civil III/ II	229	147	82	-
Engineers	Mechanical III/ II	25	22	03	-
Earth Resource Engineers	E.R. III/II/ I	40	31	09	-
Engineers	Electrical III/II/ I	01	-	01	-
Engineers	Electronic III/II/ I	01	-	01	-
Total		383	279	104	
Sri Lanka Accountants' Service					
Chief Financial Officer	Special Grade	01	01	-	
Chief Accountant	I	01	-	01	Acting-01
Chief Accountant (Accounts & Estimates)	I	01	01	-	-
Accountant	III/II	20	15	05	Acting-04
Chief Internal Auditor	I	01	01	-	
Total		24	18	06	
Sri Lanka Administrative Service					
Addl. Director General (Admin)	I	01	01	-	
Director (Admin)	I	02	01	01	Acting-01
Asst. Director / Deputy Director (Admin)	III/II	02	-	02	
Asst. Director / Deputy Director (Land)	III/II	01	-	01	
Asst. Director (ICT)	I/III	01	-	01	
Total		07	02	05	
Sri Lanka Scientific Service					
Director (Land Use)	I	01	01	-	

Designation	Grade	Approved Cadre	Active Service	Vacancies	Remarks
Hydrological Data Superintendent	III/II	01	-	01	
Hydrological Field Superintendent	III/II	01	01	-	
Engineering Materials Superintendent	III/II	01	-	01	
Civil Engineering Materials Survey Superintendent	III/II	01	-	01	
Hydrological Superintendent	III/II	01	-	01	
Land Use Superintendent	III/II	03	01	02	
Chief Drawing Office Assistant	III/II	01	01	-	
Specialist Officer (Land Use)	III/II	02	-	02	
Assistant Soil Chemist	III/II	05	02	03	
Research Officer (Land Use)	III/II	01	-	01	
Geologist	III/II	02	02	-	
Instrument Superintendent	III/II	01	-	01	
Total		21	08	13	
Engineering Assistant Service					
Divisional Assistant	Special	65	-	65	
Engineering Assistant	III/II/I	636	523	113	
Total		701	523	178	
Institutional Development Officer Service and Legal Officer Service					
Legal Officer	III/II/I	01	-	01	
Institutional Development Officer	II/I	04	04	-	
Budget Assistant	III/II/I	01	-	01	
Total		06	04	02	

4.12.4 Staff Position

Table 4-27: Staff position in the EST branch

No	Designation	Approved Cadre	Present Cadre	Deficit/Excess
EST Branch				
01	Director of Irrigation	1	1*	-
02	Chief Engineer	1	1*	-
03	Irrigation Engineer	2	1*	1
04	Engineering Assistant	2	1	1
05	Development Officer	2	-	2
06	Development Assistant	1	-	1
07	Management Service Officer	1	-	1
08	KKS	1	1	-
Administrative Unit 01				
01	Administrative Officer**	1	1	-
02	Development Officer	-	2	2
03	Management Service Officer	12	5	7
04	KKS	1	1	-
05	25/2014 Labour	2	1	1
Confidential Branch				
01	Management Service Officer	2	1	1
02	K.K.S.	1	1	-
03	25/2014 Labour	1	-	1

*Engineering, Scientific & Technical Service Branch and Irrigation & Productivity Enhancement Branch are directed by the same Director of Irrigation, Chief Engineer and Irrigation Engineer.

** Administrative Unit 01 and Confidential Branch are directed by the same Administrative Officer

5 Construction & Development Sub Department (C & D)

The Construction and Development sub department is mainly responsible for the implementation of irrigation infrastructure projects after completion of planning and design. Major Construction branch and Regional Development branch are the two branches under this sub department.

5.1 Major Construction Branch

5.1.1 Objectives

- Construction and Development of new large scale Irrigation Projects.

5.1.2 Functions

The main functions of the branch:

- Construction of Irrigation and settlement projects for the conservation diversion and distribution of water under gravity and lift Irrigation to new and existing lands for cultivation by farmers and food crop productions
- Incorporation of hydropower as far as possible in the construction of Irrigation and settlement project to enhance the electrical energy resources

The construction activities carried out through the Project office headed by Project Directors, Chief Residential Engineers appointed by the Director General of Irrigation.

Functions:

- Approval and sanctioning of detail cost estimate of major projects
- Finalizing of contract documents and management
- Establishment of PD/DPD/CRE/RE's office and provide necessary resources
- Ensuring the implementation of approval work programme, physical and financial controlling including monthly meetings and submission of progress to relevant authorities
- Revision of cost arising from modification of proposals and designs during execution
- Monitoring and evaluation

5.1.3 Project wise allocation Distribution and Expenditure

Table 5-1: Project wise allocation distribution and expenditure

Project	Allocation Rs. Mn.	Expenditure during year 2024 Rs. Mn.	Cumulative Physical Progress %
Yan Oya Reservoir Project	6,000	2,573.03	95.52
Morana Reservoir Project	170	48.08	99.64
Mundeni Aru Reservoir Project	110	21.93	2.32
Ellewewa Reservoir Project	500	173.17	35.57
Himbiliyakada Reservoir Project	250	34.59	6.26
Uma Oya Downstream Development Project	2,763	2558.61	80.5
Thalpitigala Reservoir Project	500	86.96	11.56
Malwathu Oya Reservoir Project	2,700	608.22	7.03
Eru wewa – Mahakanadarawa Feeder Canal Project	1,000	375.79	12.2
Total	13,999	6,480.38	

5.1.4 Projects under Major Construction Branch

a. Yan Oya Reservoir Project

The construction of Yan oya a reservoir, LB and RB main canals were completed in 2021. After construction of Yan Oya reservoir, it is providing irrigation facilities for total 8700 hectares including 1515 hectares of new irrigation lands in both Yala and Maha seasons. Also developed Malporuwa, Kajuwatta, Urewa, Omarakada and D6 Wahalkada resettlement villeges including Supplying Water, Electricity, Schools, Public Buildings etc.

The compensation payment for land acquisition, development of Issanwewa irrigable area, improvements to existing system under Jayanthiwewa, Tanks and canal system under RB canal and Yan Oya anicut are to be completed in 2025 under this project. The construction of elephant fences around isolated villages, Re-forestations are also to be completed in 2025. The allocated amount for this project for 2024 was Rs.6,000 Mn and expenditure at the end was Rs.2,573.03 Mn.

The overall physical progress at the end is 95.52 %.

There is a problem of finding sufficient alternative lands to distribute among the land lost people. Therefore, it is planned to provide additional compensation for that and payment of additional compensation is in progress.



Figure 5-1: Improvements of Savararu Anicut



Figure 5-2: Jayantiwewa Main canal Improvements and D canal Improvements



Figure 5-3: Issanwewa Irrigable Area development works

b. Morana Reservoir Project

The construction of Morana reservoir and feeder canal is completed and providing additional water for Nagadeepa scheme as planned. There is a delay in payment of compensation for the acquired land due to delay in submission of valuation report. The delay in providing alternative land is due to illegal encroachment of the proposed resettlement area. The amount of Rs. 170 million was allocated only for payment of compensation and completion of resettlement. Expenditure during 2024 was Rs. 48.08 Mn and overall physical progress is 99.64%.

c. Mundeni Aru Reservoir Project

Mundeni Aru Project is also still in its initial stage and proposed to construct of new multi-purpose reservoirs named as Rugam Kithul wewa (58 MCM) and Maha oya (80 MCM) in the Mundeni Aru basin. As per the RAMP decision, the Project Management Unit was closed, and the work was handed over to the Irrigation department. The External Resources Department has finalized the funding for this project with AFD and waiting till completion of debt restructuring process. The land acquisition was temporally suspended. The allocated amount for this project for 2024 was Rs. 110 Mn for for local component. The expenditure was made only under local component at the end of year was Rs. 21.93 Mn. The overall physical progress at the end is 2.32 %.

d. Ellewewa Reservoir Project

Elle Wewa Reservoir is located at Viralagala village in Embilipitiya Divisional Secretary area in Ratnapura district. The capacity of the proposed reservoir is 1.91 MCM. The project envisages construction of a reservoir across Kadigam ara between Thambala anicut and Galle Piyadasa anicut to provide irrigation water to 1127 acs of existing lands in Panamure scheme, 350 acs of new lands located in between Hulanda Oya and Kadigam Ara under Panamure anicut. As Kadigam ara joins with Hulanda Oya at U/S of Hulanda Oya anicut and Ambagaha Ela main canal drains to Hingura Ara Tank, these schemes also will be benefitted by this project. The TEC for the project is Rs. 1,532 Mn and revised to Rs.2,950 Mn and planned to complete withing 3 years (2021-2023). The project work is temporally suspended as per the RAMP committee decision and completed only the already started work for safety. Time extension is approved up to year 2026. The allocated amount for 2024 is Rs 500 Mn and the expenditure is Rs.173.17 Mn. The overall Physical Progress is 35.57 % at the end of 2024.



Figure 5-4: Construction of Sluice tower



Figure 5-5: Sluice structure and Right Bank of Main Bund

e. Himbiliyakada Irrigation Infrastructure Development Project

This project proposal is initiated by Hon President “Gama samaga pilisandarak” program in Himiliyakada village. Under the irrigation facility development in Wilgamuwa area, it is proposed to improve existing Himbiliyakada tank and to construct a new Wattegedara tank across Gemburu oya with a capacity of 1.3 MCM, Dodamgolla tank across Dodamgolla Oya with a capacity of 2.4 MCM. It

is also proposed to construct feeder canals connecting all tanks and divert additional water from Kaluganga reservoir through the tunnel. Later the construction of tunnel was dropped and planned to construct only Waththegedara tank to modified height by considering catchment yield.

The construction of waththegedara tank was suspended and only carried out the improvements of Himbilyakada tank as per the RAMP committee decisions. The allocation in 2024 is Rs 250 Mn and the expenditure is Rs.34.59 Mn. The overall Physical Progress is 6.26 % at the end of 2024.



Figure 5-6: Upstream of Himbilyakada tank bund

f. Uma Oya Downstream Development Project

This project is planned to utilize the water discharged after generation of hydro power in Uma Oya powerhouse. This includes construction of two new reservoirs, improvements to existing Handapanagala reservoir and diversion anicut, Construction of two feeder canals and improvements to other irrigation infrastructure under reservoirs and feeder canals. The improvements to existing small tanks were suspended due to RAMP committee decision. The allocation in 2024 is Rs 2,763.19 Mn and the expenditure is Rs. 2,558.61. The overall Physical Progress is 97.44 % at the end of 2024.



Figure 5-7: Uma Oya Downstream Development Project

g. Thalpitigala Reservoir Project

This reservoir is proposed just above the Bathmedilla scheme across Uma oya in order to curtail the downstream release of Puhulpola reservoir. The irrigation water supply of Bathmedilla Scheme was disturbed due to construction of Puhulpola reservoir. The irrigation water requirement of Bathmedilla scheme is releasing at present from bottom outlet of puhulpola reservoir. The Roller Compacted Concrete (RCC) dam will be constructed and Generate 51.3GWh of electricity annually. The source of

fund for construction of reservoir is still not finalized. The access road construction and land acquisition are in progress.

The project was handed over to the Irrigation Department after closing the Project Management Unit as per the RAMP committee decision. The allocated amount for 2024 was Rs. 500 Mn and expenditure was Rs. 86.96 Mn. The development of access roads, other road construction and land acquisition are in progress. The overall physical progress at the end of 2024 is 11.56%.

h. Malwathu Oya Reservoir Project

The conceptualization of the Lower Malwathu Oya reservoir construction dates back to the 1970s but faced significant delays due to various socio-economic factors prevailing in the country. Construction activities of the headwork component of this reservoir currently underway on the border between Anuradhapura and Vavuniya Districts at Kappachchi village nearer to the Thanthirimale area in Northern & North Central Province. This initiative is strategically designed to augment irrigation activities within both provinces.

Notably, it will play a pivotal role in meeting the national agricultural demand by securing cultivation in both seasons through the effective utilization of the Giants tank and Akattimurippu tank irrigation schemes within the Mannar region, in addition to cultivating the newly proposed irrigable lands in the downstream area of this reservoir.

Additionally, the project intends to address various aspects, including supplying 21 MCM of water annually for domestic use in Vavuniya, Mannar, and Anuradhapura districts, resettling affected communities, generating 4.68 GWh of clean energy for the National grid, urban planning for Thanthirimale, enhancing fisheries and aquatic resources, implementation of environmental management plan, wildlife management plan, strengthening agrarian services, and institutional development.

The estimated cost of the project is Rs. 22,900 Mn and planned to implement withing 5 years (2019-2023). Time Extension has been requested upto end of year 2025. The construction activities were continue to suspend the work in safe condition and the project was handed over to Irrigation Department after closing the Project Management Unit as per the RAMP committee decision. The construction of earthen bund, RB sluice, Infrastructure Developments in the Resettlement Area and Implementation of Environmental Management Plan were in progress. The allocated amount for 2024 was Rs. 2,700 Mn and expenditure was Rs. 608.22 Mn. the overall physical progress at the end of 2024 is 7.03%





Figure 5-8: Construction works of Lower Malwathu oya Project

i. Basnagoda Reservoir Project

The Basnagoda reservoir is the water source for the Gampaha, Attagalla and Minuwangoda Integrated water supply scheme implemented by NWSDB. The Target population of 250,000 in Gampaha district will be served by the project with treated pipe borne water. The dam is constructed at Karasnagala across Basnagoda oya , tributary of Attanagalu Oya . The maximum height of the dam is 25m and the capacity is 5.51 MCM. The contract value of the project is Rs. 2.473 billion. This contraction of this was given to Sinohydro as a EPC contract in 2019 and planned to be completed within 2024. The construction is still in progress and unable to complete due to prevailed wet weather condition, Shortage and increase of price in raw material and the financial crisis of the contractor. The expenditure in 2024 is 1,344 Mn and Overall Physical progress is 81%



Figure 5-9: Construction of Basnagoda reservoir project

j. Eru wewa – Mahakanadarawa Feeder Canal Project

Eru wewa – Mahakanadarawa feeder canal is used to supply water from Eru wewa to Mahakanadarawa tank which is belong to Anuradhapura Division. The main objects of the project to increase the cropping intensity of Mahakanadarawa, providing water to full fill the requirement of drinking water to the Northern Water Supply Project of NWSDB by rehabilitating the existing Eruwewa - Mahakanadarawa Feeder Canal.

The project was started in 2024 and planned to complete in 2026. Improvements to Eru wewa tank spill, spill gates, bund approach roads and feeder canal outlet structure are already completed. Improvements feeder canal sections from Eruwewa to Muddirippuwa wewa, Muddirippuwa to Mahanochchikulama and Mahakandarawa headworks are partially completed.

Total estimated cost of the project is Rs. 2,000 Mn. Allocation amount for 2024 is Rs.1000 Mn and the expenditure is Rs.375.79 Mn. The overall physical progress at the end of 2024 is 12.2%.



Figure 5-10: Construction of outlet structure at 0+000



Figure 5-11: Improvements of Eru Wewa spill and tank bund RB Approach road

5.1.5 Common problems face by the projects:

1. The project management unit of ongoing projects was closed and handed over to the Irrigation Department. Since there is no carder approval for that, there is no possibility of appointing key positions on a full-time basis. It may affect progress.
2. Procurement may be subjected to restrictions due to the above reason.
3. There are no trained staff due to shortage of staff in all technical services categories in the Irrigation Department.
4. It was not possible to retain suppliers (machinery, Materials and labour) to continue the construction as planned due to limited and delayed cash flow from the Treasury
5. Approval delays from other departments hinder the timely completion of planned targets due to insufficient raw materials for the project construction.
6. It is necessary to get the support from other Department, Ministries and Divisional Secretaries for the project activities without any incentive schemes. So, there is no priority for the work and unnecessarily delay the project activities.
7. The sudden changes in the prices of materials and fuel may disturb the progress of work and difficulties in completion of work withing the estimated cost.
8. The Land acquisition delayed the project activities due to nature of it and difficulties in finding alternative lands for development to distribute among displaced people due to project activities.
9. Encroachments of the land identified for re settlement and social issues among the settled people and encroached people.
10. Instructions given by the committees in time to time may affect the progress and completion date.

5.2 Regional Development Branch

5.2.1 Objectives

Regional Development (RD) Branch is subdivision under the Construction and Development sub Department to manage medium and small-scale projects.

Construction of medium and minor irrigation and settlement projects for the conservation, diversion and distribution of water under gravity and lift irrigation to new and existing lands for cultivation.

5.2.2 Functions

- Initiations of new medium and small scale projects in order to meet future requirements.
- Preliminary actions related to Environmental Impact Assessment, Land acquisition, Investigation, Re-settlement etc.
- Release of Allocation
- Monitoring Progress
- Assisting the Directors who implement the projects at Regions, in the event of facing special problems during the construction.
- Necessary approval for the extra works and revision of estimate.
- Monitoring the quality and the standards.
- Implementation and monitoring “CResMPA Component 5” Program.

5.2.3 Performance

The following projects are coordinated by the branch and the projects are implemented by the Director of Irrigation at Regions and Divisional Irrigation Engineers.

5.2.4 Project wise allocation Distribution and Expenditure

Table 5-2: Project wise allocation distribution and expenditure

Project	Allocation (Rs. Mn)	Expenditure (Rs. Mn)	Physical Progress %
Godigamuwa Tank Project	60.00	25.92	61.4 %
Barrack Plane Lake Development Project	100.00	27.45	52.54 %

5.2.5 Projects under Regional Development Branch

a. Godigamuwa Tank Project

The project is in the Matale District. The capacity of the reservoir is 0.25 MCM while the existing irrigable area is 166 acres. There are 265 families to be benefited from this project.

Godigamuwa tank has been constructed during the latter part of 1970. The tank capacity is very much less compared to the irrigable area. The existing spill has been undermined and water leaks through the bund. Wild Elephants have damaged the bund in several places. The capacity of the tank is increased by raising the bund height to about 5.00m. At present, 66 acres have been divided between 33 families under the Godigamuwa tank. There are about 300 acres of land available for cultivation. But the capacity of the Tank is not adequate to cater these lands. Hence by this project is a solution for the scarcity of water for agricultural lands for the second generation of farmer families in this area and to improve their livelihood.

Project approved date	: 10/01/2017
Actual commencement year	: 2018
Total Estimate Cost	: 234.625 Mn
Project period	: From 2014 to 2022
Revised estimate cost	: 357.000 Mn
Reasons for revision	: Change in the Project proposal due to site conditions, Covid 19 pandemic, Economic crisis and unavailability of construction material
Allocation for 2024	: Rs. 60.000 Mn
Expenditure during 2024	: Rs.25.920 Mn
Total Expenditure	: Rs. 225.360 Mn

Main Component of the project

Table 5-3: Main Component of the project

No	Main Activity	Allocation 2024 Rs. Mn	Expenditure 2024 Rs. Mn	Physical Progress (%)
1	Construction of Tank bund	6.00	25.92	100.00
2	Construction of Rip Rap and Toe Filter	21.50		85.00
3	Construction of Spillways	5.00		100.00
4	Construction of LB Sluice	1.50		100.00
5	Construction of Anicut	9.00		
6	Construction of Main canal and IFF	16.00		
	Total	60.00	25.92	

Cumulative physical progress up to end of 2024 : 63.13%

Benefits of the project

- Provide irrigation facilities to 121 Ha of new paddy lands
- This project enhances the living standards of farmers and contributes to nation's production.

Work completed during year 2024

- Construction of Tank bund 100% completed.
- Construction of Rip Rap and Toe Filter 85% completed.
- Construction of Spillways 100% completed.
- Construction of LB sluice 100% completed.

Any other special matters or problems

- Construction work could not complete as the time extension received with delay (Allocation received in September and continuous rain started in the area.)



Figure 5-12: Construction of toe filter



Figure 5-13: Turfing of tank bund

b. Barrack Plane Lake Development Project

The project is located in Nuwaraeliya District. And it was built in 1885 AD during the British rule. Although the capacity of the Barrack Plane Reservoir is close to 0.085 million cubic meters, the reservoir remains at supply level almost every day of the year due to the constant flow of water from the springs in the catchment area. Restoration of the Barrack Plane Reservoir will increase the water capacity of the reservoir to 0.12MCM by removing invasive aquatic plants and silt.

Project approved date : 24th August 2020
Actual commencement year : 2021
Total Estimate Cost : Rs. 230 Mn
Project period : From 2021 to 2024
Allocation for 2024 : Rs. 100.00 Mn
Expenditure during 2024 : Rs. 27.45 Mn
Cumulative physical progress up to end of 2024 : 52.54%

Benefits of the project

- Irrigable land 912 Ha (under Barrack Plane Tank 101Ha vegetables, Bomburu Ella Tank 811Ha Paddy and vegetables)
- Drinking water for 3000 families.

Work completed during year 2024

- Rehabilitation of Feeder canal 35% completed.
- Construction of drainage inlets 59% completed
- Demarcation of boundary stones 42% completed

Any other special matters or problems

- Construction work delay due to pending court cases



Figure 5-14: Forming approach road around the tank



Figure 5-15: Construction drainage inlet

5.2.6 Staff position

Table 5-4: Staff position in the C & D Sub Department

No	Designation	Approved Cadre	Present Cadre	Deficit/Excess
01	Additional Director General of Irrigation	1	1	-
02	Director of Irrigation (MC & RD)	2	2	-
03	Chief Engineer	2	2	-
04	Irrigation Engineers	4	3	1
05	Earth Resources Engineers	2	1	1
06	Engineering Assistant	0	2	(2)
07	Drawing Office Assistant	1	1	-
08	Chief Management Assistant	1	1	-
09	Development Officer	1	1	-
10	Draughtsman	4	1	3
11	Management Assistants	10	5	5
12	Office Assistants	6	2	4

6 System Management Sub Department

System Management Sub Department is responsible for the management of department assets, Irrigation assets, water management and irrigation agriculture. There are 6 branches coming under this sub department and they are Water Management Branch, Irrigation and Productivity Enhancement Branch, Assets Management Branch, Dam Safety Branch, Land and Legal Branch and Research Support & Process Improvement Branch.

6.1 Water Management Branch

6.1.1 Objectives

- Facilitate efficient, effective and sustainable management of the irrigation systems with the participation of users in order to maximize productivity in terms of one unit of water and one unit of land.
- Facilitate Maximum utilization of resources available in order to increase the farmer income.

In line with the above objectives, main areas of responsibilities of the Irrigation & Water Management branch include:

- Coordination with water stakeholders to manage seasonal water in the reservoirs.
- System Water Management
- Awareness of on farm Water Management.
- Awareness of watershed management and management of quality of watershed.
- Rehabilitation and up-grading systems for better Water Management.
- Formulating proposals to mitigate adverse effects of climate variations.

6.1.2 Performance

a. Water Management

The climate experienced in Sri Lanka can be characterized into 4 climatic seasons as follows.

Table 6-1: Seasonal Rainfall

Season	Duration	Percentage of rainfall receiving
First Inter Monsoon (FIM)	From March to April	14%
South West Monsoon (SWM)	From May to September	30%
Second Inter Monsoon (SIM)	From October to November	30%
North East Monsoon (NEM)	From December to February	26%

These rainfall seasons do not bring homogeneous rainfall regimes over the whole island and it is the main cause to exhibit such a high agro-ecological diversity of the country despite its relatively small aerial extent. Out of these four rainfall seasons, two consecutive rainy seasons make up the major growing seasons of Sri Lanka, namely Yala and Maha seasons.

Generally, Yala season mainly depends on FIM and SWM rain. However, since SWM rain is not effective over the dry zone, it is only the FIM rain that falls during the Yala season in the dry zone from mid-March to early May. Being effective only for two months, the Yala season is considered as the minor cultivation season of the dry zone.

Maha season that the major growing season of the whole country, begins with the arrival of SIM rain in mid-September to October and continues up to late January or February with the NEM rain.

Water Management in the schemes is the integrated process of storage, reuse, diversion, conveyance, regulation, measurement, distribution and application of the rational amount of water at the correct place, at the proper time and removal of excess water from the farms to promote increased production in conjunction with improved cultural practices.

Accordingly, Water Management Branch is responsible for guiding and coordinating of irrigation and water management activities in all the schemes under the purview of the Irrigation Department including water management in major and medium irrigation schemes, performance evaluation, participatory water management, on farm water management, water and land productivity improvement.

b. Land Productivity in Irrigation schemes

The total command area of major, medium, anicut and drainage schemes under Irrigation Department is 800,200 acres. The cultivation is done in two distinct seasons namely Maha (wet seasons) and Yala (dry season). The details of 2024 cultivated extent in Yala and Maha seasons are given under the following sub headings. In addition to that, intermediate season also cultivated in 2024.

Cultivated extent in Yala-2024

The overall percentage of cultivated extent (Paddy and OFC) and abundant land for Yala 2024 are described in a bar chart (Figure 6.1). Further, details of cultivation performance for each district in major and medium schemes under purview of Irrigation department as follows (Figure 6.2)

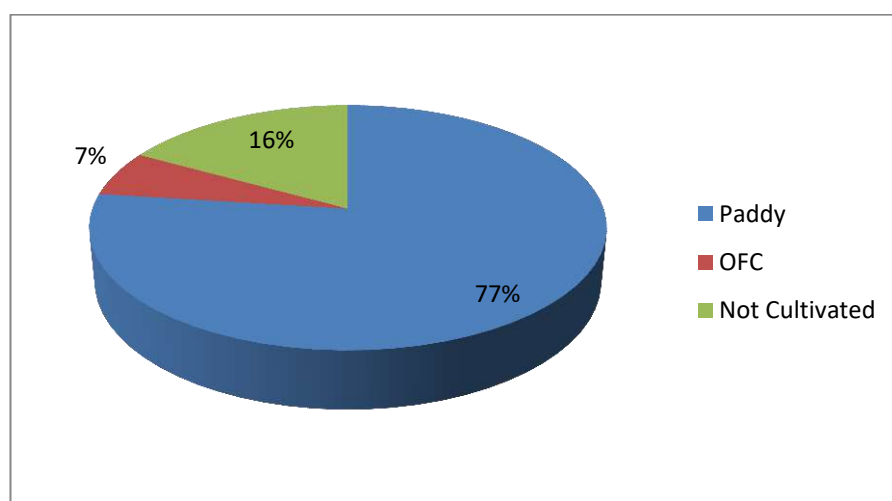


Figure 6-1: Cultivated extent in Yala 2024

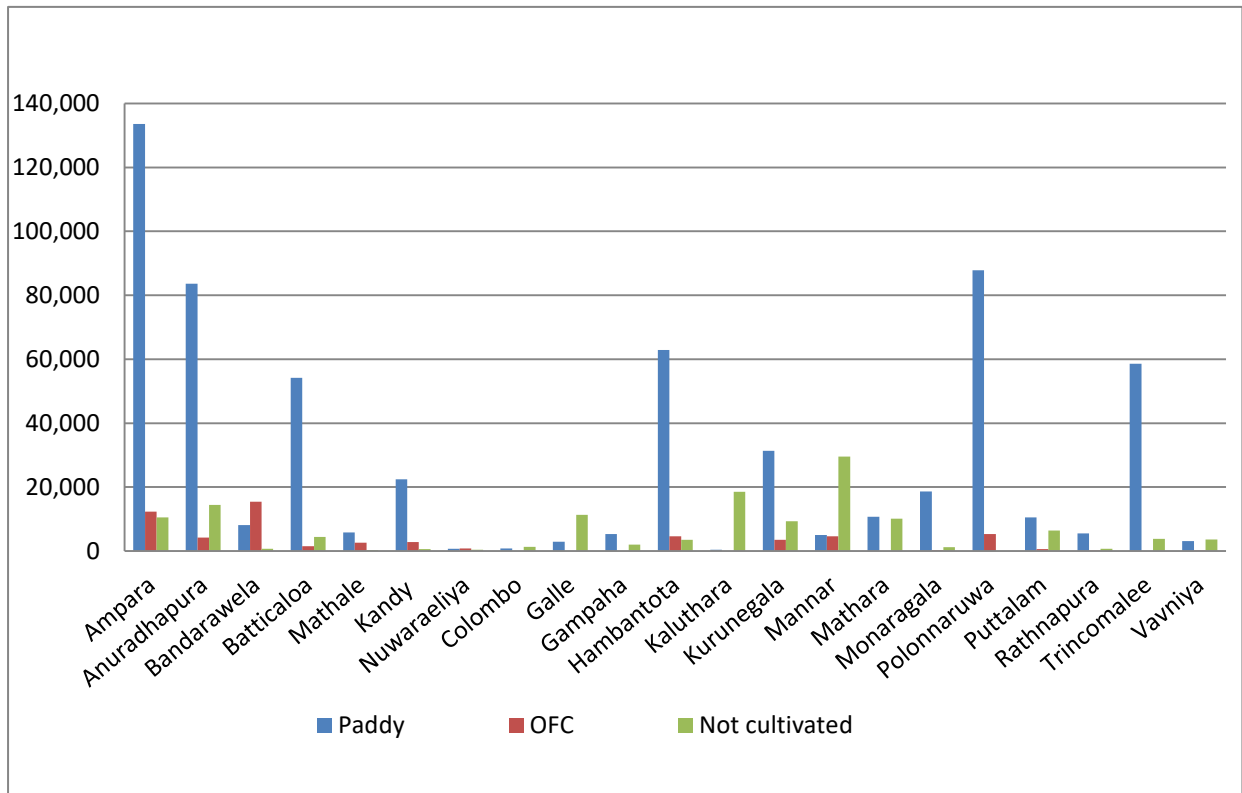


Figure 6-2: Cultivation extent cultivated during Yala 2024 in District

Cultivated extent in Maha -2023/24

The overall percentage of cultivated extent (Paddy and OFC) and abundant land for Maha 2023/24 are described in a bar chart (Figure 6.3). Further, details of cultivation performance for each district in all schemes under purview of Irrigation department as follows (Figure 6.4):

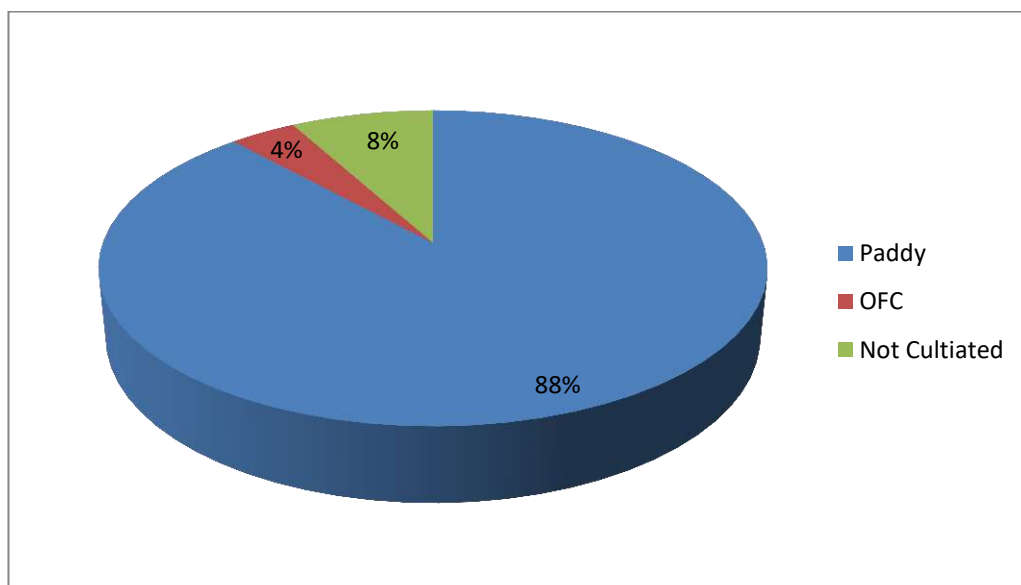


Figure 6-3: Cultivated extent in Maha 2023/24

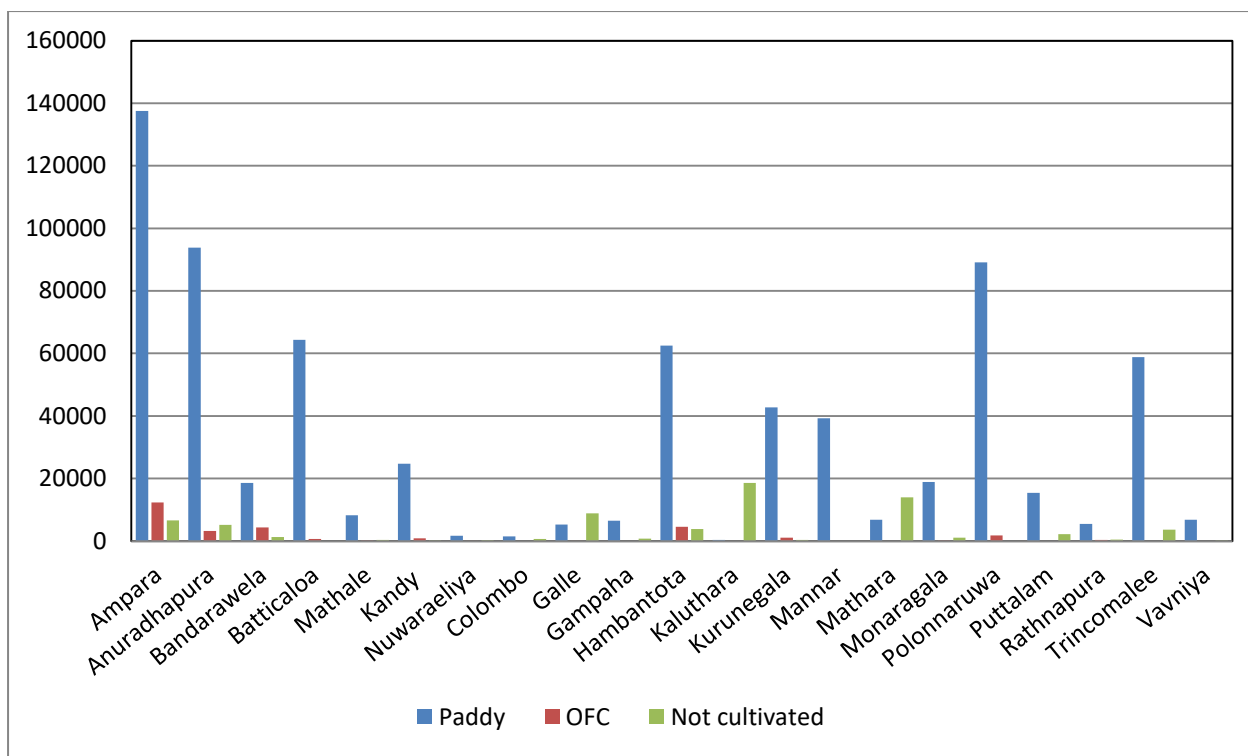


Figure 6-4: Cultivation extent cultivated during Maha 2023/24

Third Season in 2024

The third season was planned to start as an intermediate season in selected areas using the remaining water capacity of the reservoirs after the end of the Yala season. Accordingly, additional cultivation of about 64,160 acres of other field crops (OFC) was successfully carried out. OFC (such as Green Gram, Maize, Cowpea, Groundnut, Vegetables, Black Gram, Chilli, Sugarcane, Sweet Potatoes, Turmeric, and Sesame) were cultivated for the national requirement of the country. After the Yala harvest, the cultivation was carried out from mid-August to the end of October.

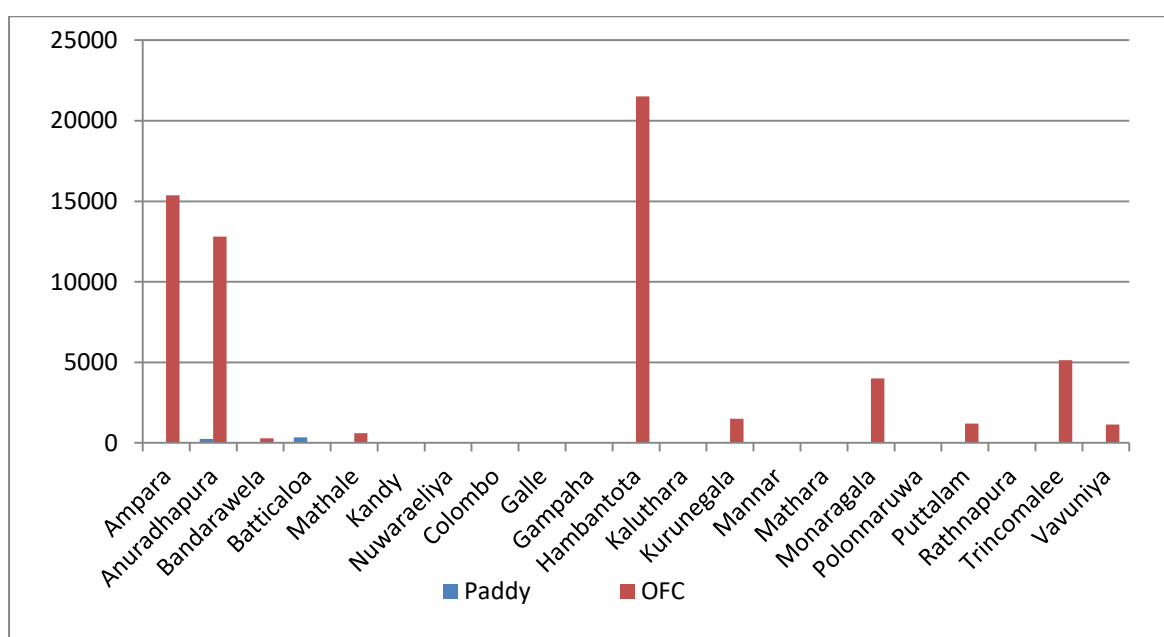


Figure 6-5: OFC Cultivation during third Season 2024

c. Water availability and cultivation

The following graph shows that the percentage of water availability in major and medium reservoirs controls under Irrigation Department. The major cultivation season (Maha) which started from late September to early March is fed with inter-monsoon rains and the Northeast monsoon, which is well distributed in the Island. The minor cultivation season (Yala), which started from early April to early September, brings rain mostly to the Southwest region of Sri Lanka.

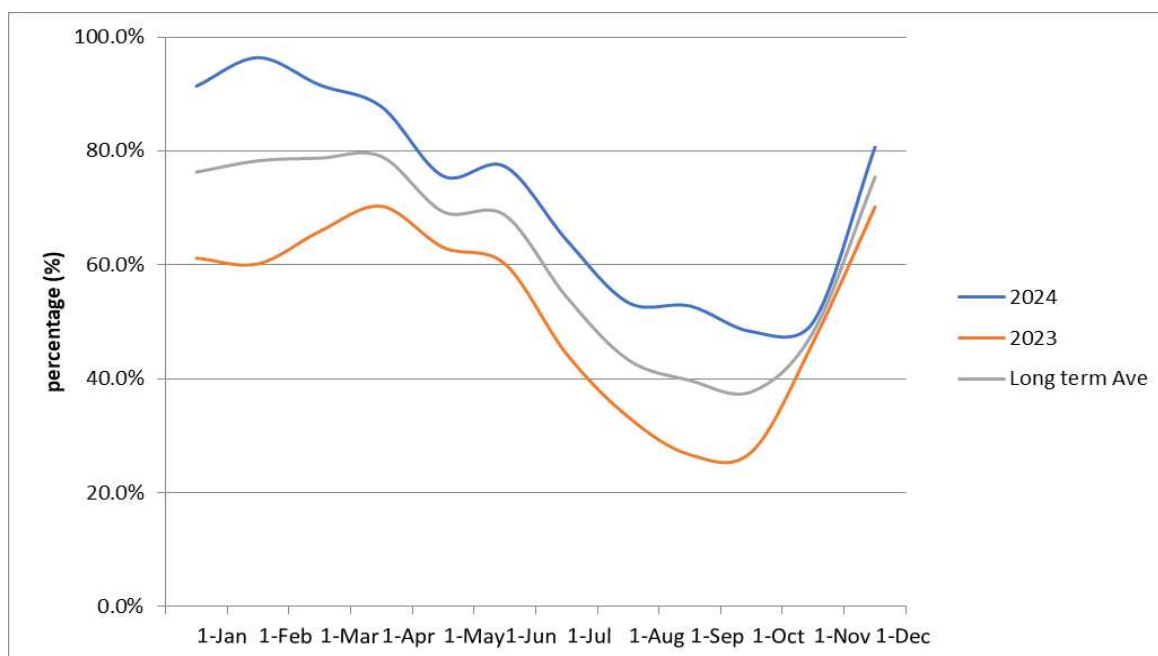


Figure 6-6: Percentage of Water Availability in 2023, 2024 and Long-Term Average

Maha season 2023/2024

The Maha seasonal cultivation was started from the mid of October to mid of November 2023. It was planned based on the available water in the reservoirs in each scheme. The average percentage of storage in major reservoirs was 28% at the beginning of October 2023. There was less amount of rainfall received up to the 1st of November. However, there is a significant amount of rainfall received during the month December due to several depressions all over the country. So, the percentage of storage reached up to 90% of total storage at the end of December 2023. Average rainfall was received in January to March. Percentage of storage has not changed during this period.

Yala season 2024

Most of the schemes of Yala cultivation were started at the beginning of April. 84% of lands under major and medium irrigation schemes were able to cultivate with Paddy and Other Field Crops. Available water percentage of major reservoirs was around 88% at the beginning of April 2024 and available storage was higher than the long-term average of the reservoirs. Further, storage was decreased up to 75% at the beginning of May. As 3- 3 ½ month paddy was cultivated, significant amount of water for month required up to the end of July. End of June there is prolong dry weather. However, Yala season was successfully completed but the limitation of available storage in the tank, intermediate cultivation (OFC) at the end of Yala cultivation was limited up to 64,160 acres. Hence, it is necessary to practice effective water management decisions were taken to save water not only for irrigated agriculture but also for the other water demands. At the end of the Yala season, the effective storage of reservoirs was 48 %. Further, the requested amount of drinking water and environmental flow also was successfully released during the off season.

Water availability in Major reservoirs

Table 6-2: Water availability in Major reservoirs

No	Reservoir	District	Storage (MCM)				
			2024.01.01	2024.04.01	2024.08.01	2024.10.01	2024.12.31
1	Ambalan Oya	Ampara	25.16	43.87	28.52	26.84	42.23
2	Ekgal Oya	Ampara	23.93	26.64	15.37	10.04	19.71
3	Namal Oya	Ampara	43.57	49.09	29.48	25.61	46.26
4	Pallan Oya	Ampara	90.58	84.89	55.40	39.52	59.06
5	Pannalgama	Ampara	25.94	33.82	26.05	23.50	33.71
6	Rambakan Oya	Ampara	56.12	51.22	16.19	15.67	37.32
7	Rottikulama	Ampara	6.29	5.97	1.09	0.95	4.43
8	Senanayaka Sam	Ampara	772.16	860.97	514.12	443.07	614.27
9	Kalugaloya	Ampara	9.52	8.67	5.55	5.13	7.52
10	Huruluwewa	Anuradapura	69.07	54.09	19.64	16.89	34.72
11	Mahakandarawa	Anuradapura	47.39	28.99	11.72	9.87	35.03
12	Mahawilachchiya	Anuradapura	40.46	35.95	32.10	30.23	40.46
13	Manankattiya	Anuradapura	5.96	4.30	1.63	1.66	5.90
14	Nachchaduwa	Anuradapura	55.69	55.04	28.42	37.88	52.56
15	Nuwara Wewa	Anuradapura	44.47	34.94	25.90	21.89	39.88
16	Padaviya	Anuradapura	105.59	102.38	31.92	28.99	104.85
17	Rajangana	Anuradapura	94.42	100.65	92.54	85.67	92.07
18	Wahalkada	Anuradapura	53.48	47.61	33.01	30.22	52.16
19	Yan Oya	Anuradapura	168.09	155.55	87.50	76.60	167.55
20	Ambewela	Badulla	1.65	2.47	2.52	2.39	2.45
21	Dambarawa	Badulla	15.92	15.92	10.61	12.46	15.92
22	Kande Ela	Badulla	2.17	1.62	2.15	1.80	2.17
23	Mapakada	Badulla	9.50	9.19	8.08	7.66	7.29
24	Nagadeepa	Badulla	28.99	25.98	7.03	1.94	11.59
25	Sorabora	Badulla	20.72	18.26	10.70	11.18	18.26
26	Morana	Badulla	16.59	16.59	13.76	4.53	14.56
27	Navakiri	Batticaloa	67.35	63.55	21.54	10.78	59.94
28	Rugam	Batticaloa	22.94	21.69	10.70	7.81	20.34
29	Unnichchai	Batticaloa	66.34	65.44	19.35	17.19	53.88
30	Vakaneri	Batticaloa	16.43	16.65	15.19	2.40	14.58
31	Badagiriya	Hambantota	11.39	9.37	7.83	7.74	9.19
32	Kekiriobada	Hambantota	2.55	2.62	1.79	2.59	2.35
33	Lunugamwehera	Hambantota	219.14	195.71	160.67	154.64	212.66
34	Mau Ara	Hambantota	40.99	39.24	14.56	18.47	30.14
35	Muruthawela	Hambantota	47.40	47.40	41.12	43.83	44.52
36	Ridiyagama	Hambantota	30.30	27.40	16.43	32.08	30.91
37	Tissawewa	Hambantota	4.43	4.30	1.67	4.30	4.07
38	Weheragala	Hambantota	79.53	63.29	54.19	52.78	62.28
39	Weerawila	Hambantota	15.93	14.00	10.73	9.07	13.38

No	Reservoir	District	Storage (MCM)				
			2024.01.01	2024.04.01	2024.08.01	2024.10.01	2024.12.31
40	Yodawewa	Hambantota	11.98	11.04	4.81	5.49	11.41
41	Ellewela	Matara	1.05	1.03	1.05	1.06	1.06
42	Kekanadura	Matara	2.81	2.74	2.81	2.83	2.84
43	Dewahuwa	Mathale	13.38	9.46	10.67	10.45	12.41
44	Nalanda	Mathale	15.89	14.29	11.67	10.52	16.41
45	Wemedilla	Mathale	5.83	5.37	5.09	5.41	5.78
46	Ambakolawewa	Kurunegala	7.18	4.47	4.29	4.22	8.26
47	Attaragalla	Kurunegala	4.55	2.44	2.95	2.73	4.53
48	Batalagoda	Kurunegala	6.10	5.91	5.00	5.71	6.51
49	Deduru Oya	Kurunegala	69.32	47.81	63.70	67.35	65.03
50	Hakwatunawa wawa	Kurunegala	23.84	19.01	20.74	20.25	23.71
51	Kimbulwanaoya	Kurunegala	7.69	6.22	8.23	7.68	7.69
52	Mediyawa	Kurunegala	3.69	2.01	2.50	2.20	3.91
53	Magalla	Kurunegala	9.39	8.01	6.78	9.23	9.39
54	Jayawewa	Kurunegala	9.48	5.90	6.52	5.97	9.21
55	UsgalaSiyabalan	Kurunegala	26.72	23.62	20.69	20.05	26.72
56	Ethimale	Monaragala	6.80	6.65	2.36	2.16	6.80
57	Handapanagala	Monaragala	18.11	14.55	16.94	15.48	10.02
58	Muthukandiya	Monaragala	30.35	29.15	24.99	23.29	30.35
59	Giritale	Polonnaruwa	22.28	24.09	14.11	23.66	20.16
60	Kaudulla	Polonnaruwa	118.29	127.17	55.63	46.41	108.15
61	Minneriya	Polonnaruwa	134.26	132.00	62.93	61.59	118.47
62	ParakramaSamudraya	Polonnaruwa	125.08	125.08	107.31	116.07	118.29
63	Inginimitiya	Puttalama	65.79	63.05	51.58	53.03	68.61
64	Tabbowa	Puttalama	17.59	12.33	13.14	13.14	17.42
65	Kantale	Trincomalee	135.92	134.60	48.11	40.40	110.51
66	Mahadivul Wewa	Trincomalee	24.94	21.70	6.90	5.92	24.57
67	Mora Wewa	Trincomalee	43.22	36.36	8.07	6.17	30.79
68	Vendrasan	Trincomalee	18.97	19.08	8.81	7.70	12.03
69	Wan Ela	Trincomalee	2.91	2.80	1.42	2.25	2.94
70	Pavatkulam	Vavuniya	31.76	24.05	6.06	0.62	23.13
71	Akathimuruppu	Mannar	9.07	0.49	0.14	0.05	3.27
72	Giants Tank	Mannar	35.42	15.28	23.09	10.71	38.22
73	Viyathikulam	Mannar	1.60	1.84	1.18	0.08	1.45

d. Water Management works related performance in 2024

The following programs were completed in 2024.

- Celebration of World Water Day
- Data collection
- Approval given for water extraction to drinking water.
- Operation and maintenance works
- Model Farm

Celebration of World Water Day

World Water Day is an annual event of ID and all stakeholders of water sector which organized by the WM Branch. The theme for the year 2024 was “Water for Peace”. World Water Day was celebrated on 22nd March, 2024 at the Irrigation Department Auditorium which included the guest speech by Hon.Shashindra Rajapakse, State Minister of Ministry of Irrigation and the key note address by Dr. Ananda Mallawathanthri and several technical speeches. The technical documents were published as an e-paper and published in Irrigation Department web page.

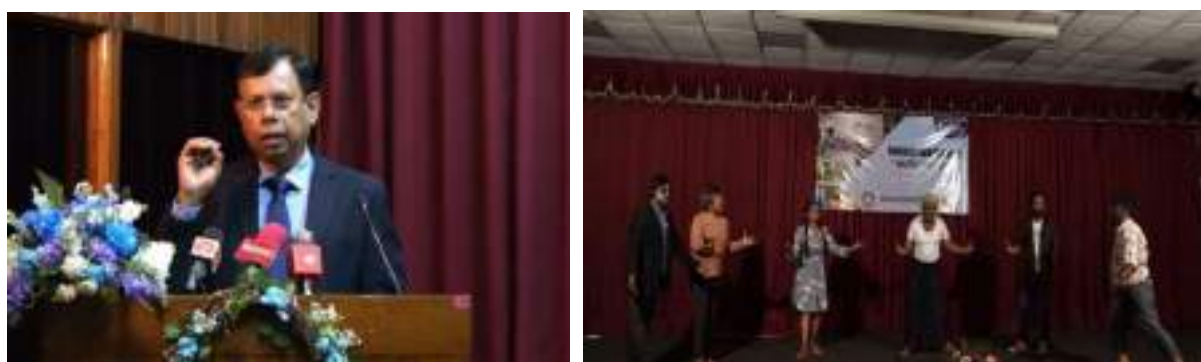


Figure 6-7: World Water Day Celebration – 2024

Data Collection

Three Viber groups were introduced for easy communication with Region and Divisions. The Water Management related data (Reservoir and cultivation), and special notices were shared in these groups.

All the 73 major reservoir data have been collected from Region and divisions on daily basis, and these data are verified and uploaded in the Irrigation Department web site daily. These data are displayed on the Sri Lankan map in the website for public users. Further, it is displayed seasonal rule curve, effective storage and reservoir spilling data.

Approval given for water extraction to Drinking Water

Drinking water is considered as the first priority for living beings on the earth. Hence, Water supply and environmental flow have been prioritized by Irrigation Department. Details of drinking and commercial water extractions from reservoirs, rivers, streams, and irrigation canals are given in Table 6.3.

Table 6-3: Water Extraction Approval for NWSDB -2024

Region	Project	Company	Water Source	Extraction (m3/day)	Status
Kurunegala	Water for manufacture of coconut husk chips & coir dust/coconut husk chips associated products	Kobeigane Plant, Jiffy Products S.L. (Pvt) Ltd	Deduru Oya	12000	Primary Approval given(Renewal by 6 months)
Puttalam	Water for Cast Iron Industry	Jindal Steel (Pvt) Ltd	Mi Oya	10	Primary Approval given
Colombo	Water for industrial purpose	Global Substrates Solutions (Pvt) Ltd	Maha Oya	30	Primary Approval given
Puttalam	Water for mineral mining and processing project	Asha Minerals (Pvt) Ltd	Uppu Aru	2000	Primary Approval given
Kurunegala	Water for meat production	Pussellawa Meat Producers Pvt Ltd	Deduru Oya	250	Primary Approval given
Colombo	Water for cultivation of fruits	A.Tharik	Hirikatu Oya	25	Primary Approval given
Colombo	Water for exporting plants	Omega Green Pvt Ltd	Maha Oya	150	Primary Approval given

Operation and maintenance works

There were 7 votes under the Water Management branch for efficient operation and maintenance of Irrigation schemes which was distributed in 14 Regions. The works under the above votes are coordinated and monitored from each Region and allocation was released as per their performance. The total allocation received from the Departmental Block Vote for the Year 2024 was Rs.61.146 million.

Table 6-4: Details of expenditure under block votes

No:	Vote Particulars	Allocation Rs. Mn	Expenditure Rs. Mn
1	Operation and Maintenance of Lift Irrigation and Micro Irrigation Works 282-02-2-0-2001(11)-3	3.19	3.18
2	Remedial Measures to Safe guard Crops during Emergency Situations 282-02-2-0-2001(11)-13	2.21	2.21
3	Protection of Upper Catchment and Watershed Management 282-02-2-0-2001(11)-14	0.60	0.57
4	Maintenance and improvements to Model Farm 282-02-2-0-2001(11)-20	2.00	1.99
5	Calibration and Water Management Studies 282-02-2-0-2507(11)-009-7	1.15	0.84
6	Improvements to Water Management and Conveyance Efficiency 282-02-2-1-2001(11)-3	50.00	47.60
7	Activities related to Water Day 282-02-2-0-2507(11)-010-7	2.00	0.46

Model farm

The model farm has been established in selected locations in Divisional Irrigation offices. Allocation from the Water management branch was given for establishing a new model farm and maintenance of the existing model farm in some locations of Mahagalwewa, Murungan, Panama (Ampara) Rajangana, Ranminithenna, Udukiriwala, and Kodukachchiya. The cultivated fruits and vegetables were marketed by Divisional officers and it has been attached to government revenue.

e. CResMPA project

The development objective of the Climate Resilience Multiphase Programmatic Approach Project for Sri Lanka is to increase the number of people and assets protected against flood risk in priority river basins. The project comprises of five components. The first component, forecasting and early warning of high impact weather, floods, and landslides objective is to enhance the capability and the performance of the Disaster Management Center (DMC), Irrigation Department (ID), National Building Research Organization (NBRO) and the Department of Meteorology (DoM) to upgrade and expand the hydrological and meteorological observation networks to ensure that these networks are well functioning and interoperable, and provide people with weather information to protect lives, livelihoods, and property from the impact of meteorological and hydrological events.

Under this component of the project, Reservoir operation is crucial for flood and drought management. Water management branch is proceeding for the installation of 40 numbers of Automatic Water Level Stations for major and medium reservoir systems.

f. Annual Productivity

The production of paddy during 2023/24 Maha season & 2024 Yala season are as follows.

Table 6-5: Seasonal details of Rice Productivity

	2023/24 Maha Season	2024 Yala Season
Production of paddy (million Metric Tons)	1.21	1.35
Income (Billion Rupees)	145	162

In addition to that, other field crops (OFC) were cultivated during Maha (29,692 acres), Yala (59,165 acres) and intermediate seasons such as mainly green gram as per the national demand

6.1.3 Staff Position

Table 6-6: Staff Position in the Water Management branch

Designation	Approved Carder	Present carder	Deficit/Excess
Director of Irrigation	01	01	-
Chief Engineer	01	01	-
Irrigation Engineer	03	01	02
Engineering Assistant	01	02	01
Draftsman	02	01	02
Development Officer	03	03	-
Management Service Officer	02	01	01
Labour 25/2014 - (Department Clerk)	02	01	01
K.K.S. / (25 /2014)	02	02	-
Multipurpose Development Assistant (MDA)	01	-	01

6.2 Irrigation & Productivity Enhancement Branch

6.2.1 Objectives

Irrigation & Productivity Enhancement branch was established under the restructuring of the Department. The objective of the branch is to establish an integrated management system to increase socio-economic standard of farming community through participatory management approach by optimum use of one unit of water and one unit of land in irrigated agriculture.

Irrigation Department maintains about 802,000 Acs of irrigated land which is the 75% of total irrigated land in Major Irrigation in Sri Lanka. We cannot expect traditional rainfall pattern every year due to the climate change effect and need to find advanced cultivation practices such as micro irrigation to address our food security problem. Following programmes were implemented through integrated approaches by Irrigation Department for Waphaula Schemes and expected to concentrate further to assure National Food Security and uplift of Socio - Economic standard of Farming Community.

6.2.2 Functions

- Establishment of Integrated Management System in Irrigated agriculture using participatory management concepts; WAPHAULA Programme
- To Increase cropping Intensity by crop diversification in major/ medium schemes.
- Direction and training of project management staff and farmers in participatory management.
- Monitoring PMC in all WAPHAULA schemes and preparation of guideline for PMC activities & Appointing Project Managers for Irrigation system.
- To develop inter-relation between officers and farmers and with other line agencies in Irrigated agriculture.
- Financial management and progress monitoring of funds allocated to Irrigation and productivity enhancement subject.
- Direction and co-ordination of unit office management
- Management of Invasive Aliens Species (IAS) in Irrigation Schemes.
- Traditional Paddy Development programme

Allocations were released under two Votes for all regions for the year 2024, by Irrigation & Productivity Enhancement Branch. Accordingly, achievements & activities done by the regions under above allocation under two votes are as follows.

Table 6-7: Expenditure details for 2024

S.I. No.	Vote No.	Released Amount (Rs.Mn.)	Expenditure (Rs.Mn.)
01	Establishment and Improvements of Unit Offices (282-2-2-1-2001-(11)-1)	50.0	46.5
02	Farmer Organization Development and Farm Productivity & Profitability (282-2-2-0-2001-(11)-8)	6.0	5.4

6.2.4 Performance

a. Establishment and improvements of Unit Offices

Establishment of Unit Offices in Irrigation Schemes level was started in 2013 those are the places where the public and responsible officer from ID meets together mostly. There are 348 Unit Offices established all over the regions. Last year, an allocation of Rs. 50 Mn. was released for all the Regions for the improvements of 45 Unit Offices. Following Unit Offices were improved or repaired in 2024 under Establishment & Improvements of Unit Offices Vote.

Table 6-8: Allocation & Expenditure under Establishment & Improvement of Unit Office [282-2-2-1-2001-(11)-1] vote

Region	Allocation Rs. '000	Expenditure Rs. '000
Ampara	5,248	3,833
Anuradhapura	8,333	8,207
Badulla	6,017	5,074
Batticaloa	1,826	1,826
Colombo	2,682	2,672
Galle	3,574	3,326
Hambantota	4,999	4,999
Kandy	3,157	3,146
Kurunegala	4,147	4,030
Monaragala	218	207
Polonnaruwa	1,860	1,860
Puttalam	2,618	2,568
Trincomalee	3,822	3,792
Mannar	1,500	1,015
Total	50,000	46,555



Figure 6-8: Improvements to Muruthawela Unit Office in Weeraketiya Division, Hambanthota



Figure 6-9: Rehabilitation of Sorabora Unit Office Mapakada Division



Figure 6-10: Improvements to Komarika
Ela Unit Office in Kandekatiya



Figure 6-11: Improvements to Kithuluthuwa
Unit Office in Kantale Division

b. Farmer Organization Development and Farm Productivity & Profitability

1. Training Programme on Project Management

Training of field officers of the ID is very much important for improving the productivity of land, water, & crop in the irrigation schemes. Accordingly, 90 no of Project Managers were trained from 7th to 12th October 2024 at Irrigation Training Institute, Galgamwa in five days with the objective of improving their knowledge, skills and attitudes.



Figure 6-12: Training programme on Project Management

2. Training of field officers and appointing as authorized officers under the Plant Protection Act 1999 No 35

Eight field officers from Anuradhapura, Kandy, Kurunegala, Polonnaruwa and Head Office were trained at In-Service Training Institute, Gannoruwa and appointed as authorized officers under the Plant Protection Act 1999 No 35.

3. Training of farmers and field officers

- Awareness programme & Field Inspection on Traditional Paddy cultivation and Integrated Water Management in Dambulla Division.

This awareness programme and field visit was held on 12th June 2024 at Elahera Seehela Village by the Environmentalist Mr. Thilak Kandegama.

- Training programme on Traditional Paddy cultivation and Promotion Programme on Agri Crops for Export Market in Dambulla Division.

Training programme was held on 26th September 2024 at the Divisional Irrigation Engineers Office.



Figure 6-13: Training programme on Traditional Paddy cultivation

- Training programme on Agri Crops for Export Market in Hurluwewa Division

Training programme was held on 10th December 2024 for the Farmers of Ellewewa, Mahakanadarawa and Ratmale irrigation schemes.

- Training programme on Agri Crops for Export Market in Wariyapola Division



Figure 6-14: Training programme on Agri Crops was held on 11th September 2024

- Awareness programme on Finance Management in Weeraketiya Division

Training programme was held on 26th November 2024 for farmers of Kirama Oya and Kongal Ara irrigation schemes.



Figure 6-15: Awareness programme on Finance Management

- Awareness programme on Finance Management in Colombo Division

Training programme was held on 3rd December 2024 for farmers of Boralasgamuwa irrigation schemes.

Table 6-9: Allocation & Expenditure under Farmer Organization Development and Farm Productivity & Profitability

Region	Allocation Rs. '000	Expenditure Rs. '000
Ampara	231	213
Anuradhapura	1,202	1,131
Badulla	978	973
Batticaloa	110	110
Colombo	438	301
Galle	510	377
Hambantota	211	211
Kandy	753	751
Kurunegala	494	373
Monaragala	565	500
Polonnaruwa	170	170
Puttalam	180	180
Trincomalee	48	48
Mannar	110	104
Total	6,000	5,442

6.2.5 Staff position

Table 6-10: Staff position in the Branch

No	Designation	Approved Cadre	Present Cadre	Deficit/Excess
01.	Director of Irrigation	1	1*	-
02.	Chief Engineer	1	1*	-
03.	Irrigation Engineer	2	1*	1
04.	Engineering Assistant	1	1	
05.	Draughtsman	1	-	1
06.	Development Officer	3	1	2
07.	Management Service Officer	1	-	1
08.	KKS	1	1	

*Engineering, Scientific & Technical Service Branch & Irrigation & Productivity Enhancement Branch are directed by same Director of Irrigation, Chief Engineer & Irrigation Engineer

6.3 Assets Management Branch

6.3.1 Objectives

Assets Management Branch is the largest branch under System Management Sub Department and handled Rs.6432 million of annual allocation in 2024. The main role of the branch is managing all the assets of the department except machineries and vehicles.

Well operation of all 387 number of schemes; 241 tanks, 113 anicuts and 8 lift irrigation schemes to supply water for the cultivations, maintenance of all above schemes to ensure the long lasting and avoid damages causing disaster while delivering the intended water issues are the main objectives of the branch.

Table 6-11: Total Number of Schemes operating by ID

Region	Major		Medium		Lift Irrigation	Total Extent (ha.)
	Reservoirs	Anicuts	Reservoirs	Anicuts		
Ampara	10	2	5	1	-	63,308
Anuradhapura	13	1	80	6	1	41,359
Badulla	7	3	3	6	-	9,807
Batticaloa	6	1	3	-	-	24,329
Colombo	-	5	4	19	-	14,113
Galle	2	2	5	6	1	14,178
Hambantota	10	3	10	2	3	28,723
Kandy	4	3	8	19	-	14,812
Kurunegala	9	-	10	7	2	17,898
Mannar	4	-	4	2	-	18,685
Monaragala	3	3	19	10	-	8,128
Polonnaruwa	4	1	3	4	-	36,040
Puttalam	2	2	7	3	1	7,128
Trincomalee	6	2	1	-	-	25,278
Total	80	28	161	85	8	323,786

6.3.2 Functions

- Maintenance of all the Irrigation schemes belongs to the Irrigation Department
- Financial allocations and other relevant works in connection with the operation and maintenance work.
- Maintenance of buildings, lands, Irrigation structures and other immovable assets in all the schemes.
- Improvement and upgrade the department assets.
- Maintaining and Upgrading the database relevant to Irrigation schemes, Buildings
- Taking action for the complaints made by public relevant to Operation and Maintenance and other related matters.

6.3.3 Performance

a. Polonnaruwa Irrigation Development Project (PIDP)

This project was planned to minimize the water scarcity in Polonnaruwa district during “Yala” season and upgrading the efficiency of water supply. It is also expecting to minimize the damages to paddy areas due to flood in Polonnaruwa district during “North East Monsoon”. About 29,700 families in Polonnaruwa District are benefited by this project.

The total estimated cost of the project is Rs. 7000 million and duration is 7 years (2017-2024). The allocation for 2024 is Rs. 700 million.



Figure 6-16: Kaudulla spill tail canal widening from 29+540 to 30+400



Figure 6-17: Providing loading berm at PSS

b. Rehabilitation of Major Medium Irrigation Scheme including Emergency Infrastructure Rehabilitation Work Infrastructure Development

The total allocation for the year 2024 under this vote is Rs.1, 301 million.



Figure 6-18: Improvements to Elehara Old Anicut in Polonnaruwa Region



Figure 6-19: Construction of collapsed retaining Wall in front of Wishnu Dewalaya at Dalada Maligawa Premises in Kandy Region

c. Performance under Block Votes

- **O & M Gravity - 282-02-2-1-2001(11)-2**

The total allocation for the year 2024 under this vote is Rs.2,050 million and expenditure was Rs. 2015.5Mn

- **Essential Rehabilitation of Major Medium Schemes - 282-02-02-04-2001(11)**

The total allocation for the year 2024 under this vote is Rs.1,767 million. Expenditure was Rs.1,597Mn



Figure 6-20: Improvements to FC 54 canal in track II in Muruthawela scheme in Hambanthota Region



Figure 6-21: Construction of 72m long canal lining at 1+500 in Uma ela scheme in Mannar Region

6.3.4 Regional wise Allocation Distribution and Expenditure

An allocation of Rs. 6,374.26 million under 21 votes has been distributed among all Regions during year 2024. The regional wise allocation distribution and expenditure are as given table.

Table 6-12: Annual Allocation Released under the votes handle by DI (AM)

Region	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress %
Ampara	775,233	609,743	79
Anuradhapura	545,715	490,370	90
Badulla	251,713	237,846	94
Batticaloa	572,841	473,100	83
Colombo	222,592	111,184	50
Galle	329,096	203,605	62
Hambantota	674,709	673,927	100
Kandy	297,354	289,136	97
Kurunegala	263,389	250,060	95
Monaragala	310,008	224,933	73
Mannar	315,786	309,569	98
Polonnaruwa	1,041,644	996,236	96
Puttalam	253,896	231,488	91
Trincomalee	478,170	452,188	95
ITI	7,100	6,944	98
Head Office	35,014	31,773	91
Total	6,374,261	5,592,103	88

6.3.5 Staff Position

Table 6-13: Staff Position in the Assets Management branch

No	Designation	Approved Cadre	Present Cadre	Deficit/Excess
1	Director of Irrigation	01	01	-
2.	Chief Engineer	01	01	-
3.	Irrigation Engineer	04	01	03
4.	Earth Resources Engineer	00	01	01
5.	Engineering Assistant	01	00	01
6.	Draughtsman	01	01	-
7.	Development Officer	02	03	01
8.	Management Service Officer	08	01	07
9.	KKS	02	01	01
10	Labourer	01	01	-
11	Labourer 25/2014	04	02	02

6.4 Dam Safety Branch

6.4.1 Objectives

Guidance of the field level officers to ensure each dam is operated and maintained in a safe manner and to minimize the risk associated with dam failure.

6.4.2 Functions

- Ensuring safety of dams by monitoring, evaluation and feedback of periodical inspection of dams and coordination for the readiness to North East Monsoon
- Issuing guidelines to streamline dam safety practices
- Compilation of technical data and historical events of dams
- Developing and updating of standing orders
- Conducting dam safety awareness program to refresh the knowledge of the technical staff and to share the experience
- Coordination with specialized division, outside service organizations and professional bodies to carry out inspections, investigations and implementation of remedial measures
- Monitoring the annual work program under the vote of Improvements to Head Works for Additional Safety and Electrical & Electromechanical Installation
- Coordination with Project Management Unit of Integrated Watershed and Water Resources Management Project (IWWRMP) for improvements of head works and canal systems maintain by Irrigation Department and special study on Senanayaka Samudraya Headworks in Ampara
- Maintain the Secretariat of Sri Lanka National Committee on Large Dams of International Commission on Large Dams.

6.4.3 Performance

a. Monitoring of Safety of the Head Works

The regular inspection of head works helps to identify any deficiencies at an early stage. It will focus on proper operation and maintenance to identify any possible emergency situation at early stage. Hence, corrective actions can be taken before the safety of the dam is jeopardized. Although this vital responsibility of Irrigation Department as a dam owner is stipulated in circulars the practices and responses in conducting regular inspections need to be improved further.

Dam Safety branch updated and issued the circulars on Safety of head works conducting regular inspections. Accordingly, Dam Safety branch monitor the progress of conducting quarterly inspections on major dams in each Region and check the Quarterly Inspection Report (QIR) as stipulated in the circular in order to streamline the practices. Accordingly, numbers of major dams in each Region which require preparing the Quarterly Inspection Reports (QIR) are as follows

Table 6-14: Number of Major Dams

Region	Ampara	Anuradhapur	Badulla	Batticaloa	Galle	Hambanthota	Kandy	Kurunegala	Monaragala	Polonnaruwa	Puttalam	Mannar	Trincomalee	Total
No of major dams	9	13	9	7	4	9	5	11	3	4	3	5	4	86

Inspection of dam at different time period allows examining the dam under different reservoir loading conditions with different vegetation cover. Similarly, it facilitates to identify the changes in head works at similar reservoir loading condition in different time periods. Accordingly, Dam safety branch has identified the importance of coordination and convincing the field staff on carrying out regular inspections, scheduled at different time periods as per the ID circular 4/2013.

Table 6-15: Progress of Quarterly Inspection Reports received in year 2024

Region	No of major dams	No of Quarterly Inspections Reports received			
		1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
Ampara	9	9	9	9	9
Anuradhapura	13	5	4	4	2
Badulla	9	6	5	5	6
Batticaloa	7	5	5	5	5
Galle	4	2	2	-	-
Hambanthota	9	10	10	10	10
Kandy	5	4	4	4	4
Kurunegala	11	9	9	9	11
Monaragala	3	2	2	1	1
Polonnaruwa	4	4	4	4	4
Puttalam	3	1	1	1	1
Mannar	5	3	4	4	4
Trincomalee	4	4	4	4	4
Total	86	64	63	60	61

b. Field Inspection

Field Inspection on following places was carried out by the staff of Dam Safety branch with the staff of other relevant specialized branches under the guidance of ADGI (SM) accordingly, instructions were given for proper operation and maintenance. Recommendations were given for emergency actions and long-term solutions where there were issues in Head works. Following field inspections were carried out in the year 2024.

- Lunugamwehera Reservoir bund, spill way and control room – Hambanthota Region
 - Arawatta tank bund and spill way in Mapakada Division - Badulla Region
 - Nagadeepa Tank bund, spill way and improvement progress of the bund in Mapakada Division – Badulla Region
 - Minneriya Tank bund and LB main canal – Polonnaruwa Region
 - Bathalagoda Tank bund, feeder canal and Distribution canals in Hiriyala Division – Kurunegala Region
 - Daduru oya Tank bund, Control room feeder canal and Distribution canals in Wariyapola Division – Kurunegala Region
 - Katagamuwa Tank bund and spill in Nikaweratiya Division - Kurunegala Region
 - Construction progress inspection of Hanththota amuna in Mathale Division – Kandy Region
- Inspection of Magalla wewa sluice



Figure 6-22: Arawatta tank bund and spill way in Mapakada Division - Badulla Region



Figure 6-23: Nagadeepa Tank bund, spill way and improvement progress of the bund in Mapakada Division – Badulla Region



Figure 6-24: Construction progress inspection of Hanththota amuna in Mathale Division – Kandy Region



Figure 6-25: Inspection of Magalla wewa sluice.

6.4.4 Regional wise Allocation Distribution and Expenditure

a. Improvements to Head Works of Tanks for Additional Safety - 282-2-2-0-2001(11)-11

There are two votes under the Dam safety branch. The amount of Rs. 35.00 million for 13 Regions of works were distributed under the vote of Improvements to Head Works of Tanks for Additional Safety for year 2024. The work mainly consisted of improvements of bund, rehabilitation of sluice gates, anicut gates and repairs to spill ways. The summary and distribution of annual allocation and expenditure at the end of year 2024 are given in table below.

Table 6-16: The summary and distribution of annual allocation and expenditure for the year 2024

Region	Allocation Released (Rs.'000)	Expenditure up to End of December (Rs.'000)	Financial Progress up to End of December %
Ampara	4,862	4,500	92.5
Anuradhapura	9,592	9,548	99.5
Badulla	2,279	2,279	100.0
Hambantota	2,000	1,373	68.6
Kurunegala	779	639	82.0
Mannar	1,115	1,063	95.3
Monaragala	3,335	3,334	100.0
Polonnaruwa	1,960	1,932	98.6
Puttalam	4,899	4,758	97.1
Trincomalee	4,175	3,779	90.5
Total	35,000	33,207	94.9

b. Electrical and Electromechanical Installation - 282-2-2-0-2001(11)-7

Annual allocation under the Electrical and Electromechanical Installation vote was Rs15 million and 13 Regions was selected for implementation. The work mainly consisted of improvement with electromechanical system and regulators. The summary and distribution of annual allocation and expenditure at the end of year 2024 are given in table below.

Table 6-17: The summary and distribution of annual allocation and expenditure for the year 2024

Region	Allocation Released (Rs.000')	Expenditure up to End of December (Rs.000')	Financial Progress up to End of December %.
Ampara	4,249	2,998	70.6
Anuradhapura	6,483	2,017	31.1
Badulla	163	139	85.3
Hambantota	1,600	1,600	100.0
Monaragala	1,675	1,675	100.0
Polonnaruwa	828	808	97.6
Total	15,000	9,240	61.6

6.4.5 Staff Position

Table 6-18: Staff Position in the Dam Safety branch

No	Designation	Approved cadre	Present Cadre	Deficit / Excess
1	Chief Engineer	01	01	-
2	Irrigation Engineer	04	-	04
4	Engineering Assistant	02	01	01
5	Draughtsman	01	02	
6	Management Service Officer	02	-	02
7	Development Officer	-	02	
8	Labour	-	01	-
9	Office Assistant	01	-	01

6.5 Land and Legal Branch

6.5.1 Objectives

Legal matters related to lands

- Investigating the unauthorized activities of tanks, canals and irrigation structures operated and maintained by the Irrigation Department.
- Dealing with the cases filed by or against the Irrigation Department as a party related to irrigation offenses and other matters.

Acquisition of Lands

- Carrying out necessary activities of acquisition of private land and getting the release of state lands required for various projects and other activities carried out by the Irrigation Department.

Activities related to reservations and lands

- Recommendations on the transfer of lands under the purview of the Irrigation Department to other parties.
- Taking over possession of the lands used by the Department.
- Recommendations on requests made by various parties regarding the development of lands adjacent to rivers, tanks and canals.

Right to Information Act

- Perform necessary action under the RTI Act.

6.5.2 Functions

- Carrying out relevant legal matters under the Irrigation Ordinance.
- Action under the State Land Acquisition Act.
- Contact the Attorney's General Department and act on the relevant legal assistance.
- According to the Land Acquisition Act, processes are carried out in collaboration with the regional officers of the Irrigation Department with the intervention of the relevant Divisional Secretariats and the Ministry of Lands.
- Preparation of relevant letters on the recommendation of the Regional Directors of Irrigation on the requests and complaints of various parties on lands under the purview of the Irrigation Department.
- Perform necessary actions under the RTI Act as the Information Officer and assist the nominated officer (DGI).

6.5.3 Performance

(a). Action taken by the Director General of Irrigation against the encroachments on lands under the purview of the Irrigation Department under the Irrigation Ordinance and Recovery of Possession Act.

- 202 quit notices issued by the Divisional Irrigation Engineers under the Irrigation Ordinance.
- 12 quit notices issued by the Director General of Irrigation under the Recovery of Possession Act.
- Two cases were filed by the Director General of Irrigation in the Magistrate courts, Baddegama and Thabuththegama according to the issued Quit Notice in the year.
- One eviction order was issued by the Magistrate Court, Thabuththegama under the State Land (Recovery of Possession) Act on the cases filed in 2024.
- Provided Legal Assistance for 72 Cases.
- Attended 08 cases filed against the Irrigation Department (DGI as the direct respondent).
- Attended 07 cases filed against the Irrigation Department (DGI as the indirect respondent).
- Attended 02 cases filed by the Irrigation Department against illegal encroachers (DGI as petitioner)

(b).Actions related to Irrigation Reservation Limits Gazette.

- Had several discussions with the officials of the Ministry of Irrigation, relevant other state organizations and the Legal Draftsman's Department on the draft gazette notification on irrigation reservation limits.
- Prepared and forwarded the comments and suggestions on the approved National Water Resources Policy Sri Lanka on behalf of the Department.

(c). Activities for acquisition under the Land Acquisition Act and taking over of the government lands by the department.

- The process of acquiring 02 plots of land started.
 - o Acquisition of land for the construction of an access road for Bandara Amuna at Kandy Division.
 - o Acquisition of land required for the Bathalagoda tank bed at Hiriya Division.
- Land acquisition process for 21 plots was in progress.
- 232 applications submitted for taking over state land to the Department.
- 55 Taking-over Certificates have been obtained for the state lands utilised by the Irrigation Department.
 - o Ampara Region - 32
 - o Badulla Region - 04
 - o Hambantota Region - 02
 - o Kurunegala Region - 02
 - o Polonnaruwa Region - 01
 - o Kandy Region - 09
 - o Puttalam Region - 04
 - o Monaragala - 01

(d). Action performed under the RTI Act.

- 18 requests received under the RTI Act.
- 04 appeals to the designated officer were received under the RTI Act.
- Out of four appeals two referred to the RTI Commission.
- One Noncompliance inquiry.

(e). Action taken on issuing recommendations on irrigation reservations.

- 50 recommendations issued.

6.5.4 Regional-wise Allocation Distribution and Expenditure

Table 6-19:Regional-wise Allocation Distribution and Expenditure

Region	Allocation (Rs. '000)	Expenditure (Rs. '000)	Physical Progress (%)
Head Office	18.16	18.16	100%
Badulla	127.44	127.44	100%
Galle	2,006.89	2,006.89	100%
Badulla	20,507.82	20,507.82	100%
Ampara	479.10	479.10	100%
Kurunegala	292.40	292.40	100%
Kandy	42.48	42.48	100%

6.5.5 Staff Position

Table 6-20: Staff Position in the Land and Legal branch

No.	Designation	Approved Cadre	Present cadre	Deficit (D)
01	Chief Engineer	01	01	-
02	Assistant Director	01	-	01
03	Legal Officer	01	-	01
04	Engineering Assistant	02	02	-
05	Development Officer	05	04	01
06	Management Service Officer	02	-	02
07	KKS (multi-purpose)	01	01	-

7 Riverine Management Sub Department

The Riverine Management Sub Department was established in January 2018 as stipulated under a cabinet memorandum dated 2017-09-19 submitted by the Ministry of Irrigation and Water Resources Management. The objectives of establishing the Riverine Management Sub Department is to formulate new strategic approach associated with the water resources of Sri Lanka in development, management and conservation activities of river basins with proper coordination and participation of all parties including government institutions and other stakeholders in order to maintain physical and ecological balance and the conservation of river basins.

The Riverine Management Sub Department is headed by the Additional Director General (Riverine Management). Drainage and flood systems and Riverine management are the two branches under the Riverine Management Sub Department.

7.1 Riverine Management Branch

The Riverine Management branch was established under the Riverine Management Sub Department.

7.1.1 Functions

The functions of the Riverine Management branch are;

- Formulating natural river profiles.
- Identifying erosion and deposition reaches and existing level of erosions in rivers.
- Studying of flood behavior of main river basins.
- Analyzing flood storage capacities along the river and mapping.
- Studying energy management of the river basins.
- Identifying level of water pollution in rivers and implementing programs to prevent pollution.
- Sediment transport studies in identified rivers.
- Implementation of river bank conservation works.
- Formulating land use policy on river reservations.
- Identifying public recreation opportunities in riverine environment.
- Conducting programs for public awareness on conservation of river basins.

7.1.2 Performance

An allocation of Rs. 710.056 Mn under 6 votes has been distributed among 14 regions and expenditure was Rs.619.774Mn during 2024. 87.28% financial Progress achieved. The vote wise allocation and expenditure are given in the table

Table 7-1: Vote wise allocation distribution and expenditure

No	Vote	Allocation Released (Rs.000')	Expenditure (Rs.000')
1	Establishing River Profiles in Major Rivers 282-2-2-5-2105-(11)-2	193,999	184,156
2	Community Awareness 282-2-2-5-2105-(11)-5	1,082	805
3	Embankment Protection 282-2-2-5-2105-(11)-6	489,568	414,598
4	Clean River Program 282-2-2-5-2105-(11)-8	13,857	13,688
5	River Basin Management 282-2-2-5-2105-(11)-9	11,298	6,391
6	Activities Relate to River Day 282-2-2-2507-(11)-10-8	2,500	135

Table 7-2: Regional wise allocation distribution and progress

Region	Allocation (Rs.'000)	Expenditure (Rs.'000)	Physical Progress (%)
Ampara	16,774	4,756	19%
Anuradhapura	9,949	7,506	87%
Badulla	15,959	11,727	96%
Batticaloa	96,205	91,955	95%
Colombo	743	512	70%
Galle	48,276	40,632	70%
Hambantota	51,023	49,319	93%
Kandy	6,602	5,533	97%
Kurunegala	242	208	100%
ITI-Galgamuwa	6,121	6,012	100%
Mannar	-	-	-
Monaragala	116,430	115,402	100%
Polonnaruwa	8,600	8,280	100%
Puttalam	160,916	107,524	67%
Trincomalee	171,301	171,348	96%
RM Branch	450	314	100%
Hydrology Branch	300	280	100%

a. Establishing river profile in major rivers

Maintaining a proper data base including morphological characteristics of the rivers is a main objective of this vote. This helps to identify the damages caused to river profiles and to collect data for model studies of rivers.

The other objectives set up to be fulfilled by this vote are establishing river longitudinal sections along the river, identifying excess sand deposits along the river, identifying the river bank erosions and framing appropriate restoration proposals and control inappropriate and illegal river sand mining.

The surveys for river profiles were done for Deduru oya with the collaboration of undergraduate trainees and staff of puttalam division, Survey on Badulu oya in Uduwara, Establish river profile by clearing the water path near the main bridge in Puttalam- Colombo main road in Puttalam division, Deepening and widening Kanthale spill tail canal, Clearing obstacles along Kirama ara in Matara division, Establish river profile in Adal oya in Ampara division, Removing sand barrier in upstream of Kapuhenala river mouth in Hambantota region are some works done under this vote



Figure 7-1: -Open the Kantale reservoir Spill tail canal bend section at 15+000 and strength the bund in Kantale Division in Trincomalee Region



Figure 7-2: Protection of Sengaloya anicut RB side in using RCC procupine structures in Puttalam Region

b. Community Awareness

The allocation was distributed within the regions to conduct community awareness programmes on river protection, awareness programmes for the technical staff on river basin management and the figures below depict some activities conducted under this votes. The main objective of this is to identify the issues affecting rivers and raise awareness of the challenges people face in their daily lives due to inadequate river protection. By promoting nature-based solutions, we aim to address these issues effectively and sustainably. Early awareness helps identify problems before they worsen, reducing the need for costly rehabilitation efforts and ensuring long-term river health and community well-being.



Figure7-3: Community Awareness Programmes held at Ampara

c. Embankment Protection

The primary objective of this initiative is to safeguard riverbanks through the strategic construction of retaining walls and the implementation of flood bunds to shield lands on both sides of rivers from submergence during floods. In prioritizing the protection of embankments, special emphasis has been placed on locations that pose a threat to critical infrastructure, including main roads, bridges, railways, culverts, and other essential components of the existing infrastructure. Followings are some works carried out under this vote.

Construction of groyne in Deduru Oya near Jayabima area, Improvements in flood protection bund and groynes in Janaranjana scheme in Kanthale division, Clearing the deposited sand and protection of River Bank by constructing Gabion boxes and providing timber piles at RB embankment near Dunumewa Bridge of Gal oya in Monaragala Region, Improvements to Walawa river embankments in Hambantota region, Nilwala River bank protection in Matara Division etc.



Figure 7-4: Improvements to RB downstream protection in Kalvaddai Anicut in Navakiri scheme in Navakiri Division in Batticaloa Region



Figure 7-5: Clearing the deposited sand and protection of River Bank by constructing Gabion boxes and providing timber piles at RB embankment near Dunumewa Bridge of Gal oya in Monaragala Region



Figure 7-6: Construction of protection wall for kirama oya RB side at downstream of Danketiya anicut in Kirama oya scheme in Hambantota Region



Figure 7-7: -Slop protection of Mahaweli flood protection Bund (Towards soorangal Road) from 6+800 to 7+100 in Muthur Division in Trincomalee Region

d. Clean River program

The aim of minimizing the load of the solid waste dumped into the riverine environment including the water ways, river banks, flood bunds, reservations and identified corridors along both river banks, maintaining better river water quality, maintaining a pleasant riverine environment and minimizing solid waste added to the sea.

Removing debris and Garbage along the Menik River from Sellakatharagama to Katharagama, Removing water blocks in Sampodai Aru drainage channel from 1+200 to 3+500 in Allai extension scheme in Muthur Division,, Clearing obstructions in Uruboku oya either sides of Katuwana Bridge etc. are some of the works carried out under this vote.



Figure 7-8: Clearing along Makulara Stream in Kumbukkana Scheme in Monaragala Region



Figure 7-9: Removing water Block in Saampodai Aru Drainage Channel from 1+200 to 3+500 in Allai Extension in Muthur in Trincomalee Region

e. River Basin Management

This vote primarily focuses on enhancing recreation facilities around rivers and anicuts. Key activities include improving access roads, constructing steps, and overall river basin management. River basin management involves various measures such as watershed protection, water quality monitoring, and habitat restoration. These efforts aim at sustainable development, ensuring a balance between environmental conservation and recreational development. The figures below provide examples of successful outcomes from these initiatives.

f. Activities Related to River Day

United Nations launched the World Rivers Day in year 2005 and since then it is being celebrated by the people all around the world in the fourth Sunday of month September. World Rivers Day is celebrated to raise awareness about the importance of rivers and to promote their conservation and sustainable management.

The Riverine Management Branch celebrated World Rivers Day 2024 under the theme “Waterways for a Sustainable Future.” The event was conducted in collaboration with all regional offices of the Irrigation Department through Zoom technology, while the Head Office staff participated in physical.



Figure 7-10: Rivers day programme 2024

7.1.3 Staff position

Table 7-3: Staff position in the Riverine Management branch

No	Designation	Approved Cadre	Present Cadre	Deficit/Excess
1	Director of Irrigation	01	01	-
2	Chief Engineer	01	01	-
3	Irrigation Engineer (Civil)	04	01	03
4	Earth Resource Engineer	01	-	01
5	Engineering assistant	01	01	-
6	Draftsman	01	-	01
7	Management Service Officer	02	-	02
8	Development Officer	03	02	01
9	Laborer / KKS	01	01	-
10	Labour	02	-	02

7.2 Drainage and Flood Systems Branch

7.2.1 Objectives

- Facilitating the paddy cultivation in drainage, flood systems and saltwater extrusion schemes in low line areas by maintaining proper drainage, by protecting them from floods or by protecting such areas from saltwater intrusion.
- Providing structural flood countermeasures for the areas prone to floods for protecting human lives, public and private properties and the environment from flood disasters.

7.2.2 Functions

- Operation and Maintenance of drainage and flood systems in the country.
- Rehabilitation of drainage and flood systems.
- Operation and Maintenance of and salt water extrusion schemes of the country.
- Planning new drainage and salt water extrusion schemes identifying the requirement.
- Submission of project proposals for new drainage, salt water extrusion and flood systems.
- Implementation of major and medium projects comes under drainage, salt water and flood protection scopes.
- Representing national level technical committees for technical advice and recommendations for national projects, with respect to drainage and flood issues.
- Issuing recommendations for public and private development activities which are having issues on flood and drainage.

7.2.3 Performance

a. Kelani River Bund Protection Project

Kelani North Bund Rehabilitation was proposed by Drainage & Flood Systems branch in order to rehabilitate existing North bund including minor flood protection structures as it was identified during the flood- 2016 that the bunds and the minor flood protection structures are not in safe condition. These structures have been built by Irrigation Department a long time ago. The project was initiated in 2018, with a Total Cost Estimate of Rs.1,000Mn. By the end of 2023, the total expenditure stood at Rs.464Mn, reflecting significant progress. In 2024, a balanced allocation of Rs.536Mn was received, along with an additional allocation of Rs.134Mn approved by the Cabinet for supplementary works, bringing the total funding for the year to Rs.670Mn.

Rehabilitation of most critical locations of the bunds including river bank protection was continued throughout the year 2024. Among the work done, Boulder packing in Akarawita and Kohilawatta are significant as these projects were prioritized for Kelani river bank protection for past few years. Additionally, several minor flood protection structures were rehabilitated.

The expenditure at the end of the year was Rs.139.57Mn bringing the cumulative expenditure of the project to Rs.601.11Mn.



Figure 7-11: River Bank Protection (Before and after boulder packing at Kohilawaththa)



Figure 7-12: River Bank Protection (Before and after boulder packing at Akarawita)

b. Flood Mitigation Gin, Niwala, Kelani, Kalu Basins Project

Flood mitigation in Mundeni Aru, Gin, Nilwala, Kelani and Kalu basins project was initiated in year 2018. The objective of this project is to take urgent actions required for flood mitigations in the basin until the basin investment plan will be implemented (As the Mundeni Aru basin flood mitigation project is already commenced). More concentration was given for the Nilwala, Gin and Kalu river basins flood mitigation works. The total estimated cost of the project was revised to Rs.2,100Mn, considering the new projects initiated in the basins. However, in year 2024, the project is instructed to terminate and an allocation of Rs.42.0Mn was received as revote under the vote 'Rehabilitation of Major and Medium Irrigation Schemes, including Emergency Infrastructure Rehabilitation Works'.

This year, substantial progress was made in the clearance of drainage systems within the Gin, Nilwala, and Kalu river basins. Additionally, significant improvements were implemented to strengthen flood bunds, alongside the repair of the radial gates at the Magallagoda Gravity Outlet, further enhancing flood management in the basins.

The expenditure at the end of the year was Rs.39.52Mn bringing the cumulative expenditure to Rs.528.99Mn.



Figure 7-13: Clearing Nape main canal 3+270 to 4+210 & 6+310 to 8+750km at Kadduwa Scheme



Figure 7-14: Repairs to Radial gate at Magallagoda Gravity Outlet

c. Improvements to Flood Protection system in Ma Oya, Aththanagalu Oya and Bentara Ganga

Improvements to Flood Protection system in Ma Oya, Aththanagalu Oya and Bentara Ganga' project was commenced in year 2023. The main objective of this project is to minimize the flood damages and ensure the safety of human beings during rainy season and providing safe and quick passage for high flood by widening, straightening and removing the blockages in the drainage canals. An allocation of Rs.500Mn was provided for the year 2023. However, as some work remained for 2024, an allocation of Rs.190.6Mn was provided under the vote 'Essential Rehabilitation in Selected Major Irrigation Schemes.'

Under the "Improvements to Ma Oya, Aththanagalu Oya, and Benthara Project," significant progress was made in 2024 following initial plans for completion in 2023. The construction of the flood wall in Ja-Ela was successfully carried out, funded under the approved revote (282-02-02-004-2001-11-3), providing crucial flood protection to the area. Additionally, efforts to clear and improve drainage systems in both the Right Bank and Left Bank of the Benthara River continued, enhancing water flow and mitigating flood risks.

The total expenditure at the end of the year was Rs.140.57Mn, bringing the cumulative expenditure for the project to Rs.288.54Mn.



Figure 7-15: Construction of Flood Protection wall in Ja-Ela Flood bund



Figure 7-16: Improvements to SWE bund in Bentara LB Scheme

d. Improvement the Drainage Systems

An allocation of Rs. 50 Mn was received under "Improvements of Drainage systems" for year 2024, primarily directed towards several key flood control and infrastructure improvement initiatives. These include the Galle Region, where improvements to pump houses in the Gin, Nilwala basins are being undertaken and in Colombo Region, the allocation supports the clearing of drainage canals and urgent flood mitigation works, while in Hambantota Region, flood mitigation projects are being executed to address local flooding concerns and strengthen the region's flood defenses. The expenditure at the end of the year amounted to Rs.47.47Mn.



Figure 7-17: Improvement Works of Magallagoda, Thalgahagoda Pump Houses



Figure 7-18: Canal widening, Desilting and clearing obstacles along Koggalu Ara in Hambantota division

e. Coordination and monitoring of Operation and Maintenance of Drainage & Flood Protection systems in Sri Lanka

In 2024, a total allocation of Rs.64.5 Mn was released during the year for the operational and maintenance activities of the flood protection system, with funds directed to the Galle, Colombo, and Hambantota regions to ensure the continued functionality and effectiveness of the flood protection measures in these critical areas. And the expenditure at the end of the year amounted to Rs.60.18Mn.

7.2.4 Regional wise allocation Distribution and Expenditure

Table 7-4: Summary of Financial Progress -2024

Vote Description	Region	Allocation Rs. Mn	Expenditure Rs. Mn	Physical progress %
Kelani Bund Protection	Colombo	536.0	139.57	26
Flood Mitigation Gin, Nilwala, Kelani, Kalu Basins	Galle	36.40	34.09	94
	Colombo	5.60	5.43	97
Improvements the flood protection system in Ma Oya, Attanagalu Oya & Benthara Ganga	Colombo	163.52	120.68	74
	Puttalam	27.10	19.89	73
Improvements of Drainage systems	Galle	38.42	37.83	98
	Colombo	9.08	7.14	79
	Hambanthota	2.50	2.50	100
Operation and Maintenance of Drainage & Flood Protection Works	Galle	42.72	42.2	99
	Colombo	16.73	14.4	86
	Hambanthota	5.06	3.58	71

7.2.5 Staff Position

Table 7-5: Staff Position in the Drainage and Flood Systems branch

Designation	Approved Cadre	Present Cadre	Deficit/ excess
Director of Irrigation	1	1	-
Chief Engineer	1	0	1
Irrigation Engineer	2	1	1
Engineering Assistant	1	1	-
Draughtsman	2	0	2
Development Officers	1	0	1
Management Assistant	2	0	2
KKS	1	0	1
Labourer (Acting as clerk)	0	2	2

8 Branches Functioning under DGI

8.1 Programme Management Branch

8.1.1 Objective

Process of capital budget planning for sustainable development and assist to ensure the implementation of the programmes and projects according to the annual action plans of the department.

8.1.2 Functions

- Preparation of the Capital Budget and the long- term financial and physical programs of the Department for successive years according to the guidelines given by the Department of National Budget.
- Preparation of Implementation Programmes (Action Plan) during the year according to the guidelines given by the Department of Project Management and Monitoring at the beginning of each financial year.
- Monitoring of monthly implementation Programme during the year according to the master programme prepared at the beginning of the year.
- Submission of progress report in the required format to the Ministry of Irrigation and Department of Project Management and Monitoring.
- Preparation of Administration reports, Performance reports, and Annual plans.
- Obtaining approvals for new project proposals from the National Planning Department.
- Preparation of Cabinet Memorandums to get approval for new projects when required.
- Preparation and submission of information to “Committee on Public Accounts” in the Parliament.
- Submission of Performance data of the Irrigation Department to other organizations (Central Bank, Department of Census and Statistics, etc)
- Coordinate with the finance branch regarding capital budget.

8.1.3 Performance

- Preparation of Annual Action Plan for the year 2024.
- Preparation of Monthly Physical and Financial Progress reports for the year 2024 (12 reports). Details are attached in Annex 2.
- Preparation of Quarterly Progress reports for Major & Medium projects (4 reports).
- Preparation of draft Capital Budget for the year 2025 (January to April).
- Preparation of Annual Performance Report for the year 2023 according to the format given by the Department of Public Finance and submitted to the Parliament.
- Preparation of Administration Report for the year 2023 and printing.
- Preparation and submission of report for “Committee on Public Accounts” in Sri Lanka Parliament for the year 2023.
- Preparation of Progress and Investment report (2024-2025) to the parliament.
- Allocation transfers as per the requirements.
- Organization of progress review meetings (04 Nos).
- Other related works assigned by the Director General of Irrigation.



Figure 8-1: Work done by the Programme Management Branch

8.1.4 Staff Position

Table 8-1: Staff position in the Programme Management branch

Designation	Approved cadre	Available cadre	Excess/ deficit
Director of Irrigation	1	1	0
Irrigation Engineer	2	1	1
Engineering Assistant	1	1	0
Draughtsman	2	1	1
Development Officer	2	2	0
Management Service Officer	2	1	0
KKS	1	1	0

8.2 Contract & Procurement Branch

8.2.1 Objectives

- Procuring Works, Goods / Services and Consultancy Services by maximizing economy, timelines and quality in procurement resulting in least cost together with high quality.
- Adhering to prescribed standards, specifications, rules, regulations and good governance.
- Providing fair, equal and maximum opportunity for eligible interested parties to participate in procurement.
- Retaining confidentiality of information provided by bidders.

8.2.2 Functions

- Preparation of Procurement Plan for procurement of Goods & Services for Irrigation Department.
- Registration of Goods & Service Providers at the beginning of every year including calling applications for registration.
- Inviting application for Registration of Contractors (Regional wise) at the end of every year.
- Preparation of Bidding Document / Request for proposals under ICB / NCB / NS or any other government approved methods.
- Activities related to appointment of TEC, publication of Procurement Notices, Issuing of Bidding Documents, arranging Pre-bid Meeting, Site Visits, Bid Openings, Awarding Contracts / issuing purchase orders following the approvals of DPC / MPC, preparation of Contract Agreements.
- Opening of Letter of Credits and handling with procuring of Goods.
- Preparation of vouchers for payment to suppliers.
- Organizing Department Procurement committee meetings (DPC), preparation of DPC Meeting Minutes and carrying out DPC decisions.
- Facilitating to obtain DGI's approval for Divisional and Regional Procurement Committee decisions.
- Appointing Divisional and Regional Procurement Committees under the approval of DGI.
- Issuing Contract/ procurement Circulars whenever necessary.
- Assisting Head Office, Branches, Regional DII and DIEE for their procurement activities.

8.2.3 Performance of Contract Branch

a. Signed Agreements

Table 8-2: Signed Agreements & Contract Awarded - 2024

Contract Awarded	Contract Number
Improvements of Mahanochchikulam tank under Eruwewa Mahakanadarawa Feeder Canal Project	ID/HO/CT/MT/NCB/2024/01
Construction of Close Condit from 3+375 km to 3+425 km in Eruwewa Mahakanadarawa Feeder Canal	ID/HO/CT/MFC/NCB/2024/02
Improvements to head works of kadurugasdamana tank bund from 175 m to 1195 m in kadurugasdamana scheme	ID/HO/CT/KADU/NCB/2024/04
Construction of Flood Protection wall in Ja-ela Flood Bund in Ja-ela Scheme, Gampaha District	ID/HO/CT/AGO-FP/NCB/2023/10
Procurement of Comprehensive Insurance Coverage for Irrigation Department Vehicles	ID/HO/CT/VEH.INS/NS/2023/07
Fabricating, Supplying & Installation of Cast Iron Sluice Gate, Emergency Gate and Trash Rack for Ellewewa Reservoir Sluice	ID/HO/CT/Ellewewa Gates/2022/02
Improvements to Canal (1st – 5th km) System Including Structure f HaththotaAnicut Scheme (Package – 01)	LK-MOMDE-305824-CW-RFB
Repairing of Sluice gate of Pallanoya Tank	ID/HO/CT/Pallanoya/2024/17
Improvements to canals, flood bunds, structures and pump house in Kiribathwila scheme.	CResMPA-1/RP/ WORKS/ ID-GAL/RFQ/030
Providing of Janitorial Services for Irrigation Department Head office and buildings within the Department premises – 2024/25.	ID/HO/CT/Janitorial/NCB/2024/05
Improvements to main canal Namamidola near Karaptugala school in Elle wewa scheme	CResMPA-1 / RP/ WORKS /ID-MATR/RFQ/011
Improvements to Palolpitiya D canal in Urapola Scheme	CResMPA-1/RP/WORKS/ ID-MATR/RFQ/019
Improvements to Denagama RB main canal in Denagama scheme	CResMPA-1/RP/ WORKS/ ID-MATR/RFQ/024
Construction tractor crossing cum anicut for 0+575 at nape main canal in Kadduwa scheme	CResMPA-1/RP/WORKS/ID-MATR/RFQ/013
Improvements to Sapugoda Katulmbula L/B main canal in Sapugoda Scheme.	CResMPA-1 /RP /WORKS /ID-MATR/RFQ/025
Improvements to agriculture road from Kammalgodayaya to Athumaledarshanarama road	CResMPA-1 / RP / WORKS / ID-GAL/RFQ/029
Procurement of Providing Security Services to Irrigation Department Head office Premises	ID/HO/CT/Security/NCB/2023/09
Improvements to main Canal from Stn 0+000 to 0+040 in Pannalgama scheme	CResMPA-1RP/WORKS/ ID-AMP/RFQ/008
Reconstruction of 1.5m span , 11.5m width culvert including retanning wall at stn 0+385 in PK - 28 D canal in Illukuchenai unit	CResMPA-1RP/WORKS/ ID-AMP/RFQ/013
Construction of 4m span box culvert, drainage inlet & LB turnout structure in SK 04/1 drainage canal at the tail end of SK 11 Distributary canal	CResMPA-1RP/WORKS/ ID-AMP/RFQ/014
Improvements to SKDC, SK-03 Distributary canal and SK-16 Distributary canal in SKBC in Akkaraipattu unit.	CResMPA-1RP/WORKS/ ID-AMP/RFQ/016
Construction of Box culverts across Salmadu Periyaveli Main Chl. in Paddampitty Unit	CResMPA-1RP/WORKS/ ID-AMP/RFQ/020

Contract Awarded	Contract Number
Improvements to downstream of M 18 Regulator structure at stn 8+800 in Mandoor Branch canal - Annamalai unit	CResMPA-1RP/WORKS/ ID-AMP/RFQ/039
Construction of 83 m long Retaining wall at LB side from stn. 0+615 to stn. 0+698 in RB main canal of Hambegamuwa scheme	CResMPA-1RP/WORKS/ ID-MON/RFQ/017
Reconstruction of box culvert & Improvements to Peruveli spill tail canal and agriculture road under 12 th mile sluice of GT Scheme	CResMPA-1RP/WORKS/ ID-MAN/RFQ/011
Improvements to LB Main canal under Viyadikulam tank	CResMPA-1RP/WORKS/ ID-MAN/RFQ/032
Widening the feeder canal under Koorai Irrigation Scheme	CResMPA-1RP/WORKS/ ID-MAN/RFQ/067
Implementation of Demolishing & Reconstruction of 38 m long trough structure at 1+750 in main canal Magandana Oya scheme	CResMPA-1RP/WORKS/ID-MON/RFQ/016
Construction of 50m lining at 1+325 in RB main canal in Saddatissa Scheme in Monaragala Division, Monaragala Region	CResMPA-1RP/WORKS/ ID-MON/RFQ/047
Supplying of Gear Boxes and Materials for Timbiri Amuna in Minneriya Scheme	IWWRMP-RE/WORKS/ID/POL/FA/1
Improvements to sub canals of B canal in Akuressa lift irrigation system	CResMPA-1RP/ WORKS /ID-MATR /RFQ/015
Supplying of Gear Boxes and Materials for Door 07 spill in Minneriya Scheme	IWWRMP-RE/WORKS/ID/POL/FA/5
Improvements to main spill channel right side at downstream of the Wadoruwa anicut (3+200 – 3+250) of Ellewela scheme.	CResMPA-1RP/WORKS /ID-MATR/RFQ/020
Repairing and Improvements to Ilandakulam feeder canal in Akathimurrippu Scheme	CResMPA-1RP/WORKS/ ID-MAN/RFQ/015
Improvements to D-2 canal in Maha Andarawewa Scheme	CResMPA-1RP/WORKS/ ID-PUT/RFQ/017
Improvements to FC 13 canal in Sama Doc area in HLMC	CResMPA-1RP/WORKS/ ID-POL/RFQ/027
Construction of 145m long retaining wall in LB side in RB 06 off D2 main canal	CResMPA-1RP/WORKS/ ID-POL/RFQ/038
Improvements to LB 1 canal in Debarella DCO area	CResMPA-1RP/WORKS/ ID-POL/RFQ/050
Construction of rectangular canal lining from stn. 0+475 to stn. 0+525 in Yaya 6 D canal, Tract 6 DCFO area	CResMPA-1RP/WORKS/ ID-POL/RFQ/065
Improvements to U/S and D/S Trough structure in Ellapothana Scheme.	CResMPA-1RP/WORKS/ ID-ANU/ RFQ/012
Construction of Drainage Undercrossing Structure including Canal Drop Structure at stn 1+090 km in Feerder Canal of Solewewa in Rajanganaya Scheme	CResMPA-01/RP/WORKS/ ID-ANU/RFQ/018
Reconstruction of D09 LB02 FC01 canal of LMC Padaviya.	CResMPA-1RP/WORKS/ ID-ANU/RFQ/025
Improvements to BC – 02 from 1+270km to 1+140km in Maha Uswewa Scheme	CResMPA-1RP/WORKS/ ID-PUT/RFQ/006
Procurement of 125mm cast iron Gates with Hoisting Mechanism – 50 Nos. & Hoisting Level – 10 Nos for Dewahuwa main canal	CResMPA-1RP/WORKS/ ID-MATL/DC/005
Improvements to Police ela (0+900 – 1+050) of HLMC, TissaWewa	CResMPA-1RP/ WORKS/ ID-HAM /RFQ/009

Contract Awarded	Contract Number
Construction of canal lining from (0+025 – 0+124) in main canal, Bandagiriya	CResMPA-1/RP/ WORKS/ID-HAM /RFQ/012
Improvements to MedagodaEla from 0+330 to 0+595 in Welipatanwila RB canal of Oluwila unit in WRB scheme	CResMPA-1/RP/ WORKS/ID-HAM /RFQ/013
Improvements to FC 15, DC 02, Track 02, RBMC, Lunugamwehera	CResMPA-1/RP/ WORKS/ ID-HAM /RFQ/018
Improvements to overtopping section at 0+412 (150 m) in Nawarathnamulana canal, Urubokkaoya scheme	CResMPA-1/RP/ WORKS/ ID-HAM /RFQ/020
Improvements to FC 36 DC 3 Bandagiriya Scheme	CResMPA-1/RP/ WORKS/ ID-HAM /RFQ/021
Installing farm turn out and canal lining 0+010 to 0+171 in SRB RB 01 Canal	CResMPA-1/RP/ WORKS/ ID-HAM /RFQ/025
Reconstruction of Improvements to Medagoda Ela from 0+085 to 0+330 in Welipatanwila RB canal of Oluwila unit in WRB scheme	CResMPA-1/RP/WORKS/ID-HAM /RFQ/010
New Construction of canal lining at in P25 Ridiyagama main canal	CResMPA-1/RP/WORKS/ ID-HAM/RFQ/030
Rehabilitation of FC 11, Tract 01, LBMC, Lunugamwehera Scheme	CResMPA-1/RP/ WORKS/ID-HAM/RFQ/ 029
Reconstruction of DR 13 MG structure at 11+850 in Ekkaloya MC	CResMPA-1RP/WORKS/ ID/AMP/RFQ/010
Improvements to RB6 canal in Galthambarawa DCO	CResMPA-1/RP/WORKS/ID-POL/RFQ/034
Improvements to canal bund in main canal of Paragahaarawa scheme.	CResMPA-01/RP/WORKS/ ID-NUE/RFQ/004
Improvements to D 52 RB 2 canal in stage III	CResMPA-01/RP/WORKS/ ID-MATL/RFQ/008
Improvements to D17 canal in stage II	CResMPA-01/RP/WORKS/ ID-KAD/RFQ/009
Construction of 4m span box culvert, drainage inlet & LB turnout structure in SK 04/1 drainage canal at the tail end of SK 11 Distributary canal	CResMPA-1RP/WORKS/ID-AMP/RFQ/014
Improvements of D19 canal in Dolukanda canal in Bathalagoda Scheme	CResMPA-1/RP/WORKS/ ID-KUR/RFQ/014
Construction of undercrossing structure at 16+246 of LB main canal in Deduru Oya Scheme	CResMPA-1/RP/WORKS/ ID-KUR/RFQ/017
Improvements canal bund from 12+240km to 12+465km & construction of under crossing structure at 12+561 in LB Main Canal	CResMPA-1/RP/WORKS/ ID-KUR/RFQ/019
Construction of half round pipe canal in Barawaeba from 0+850 to 1+055	CResMPA-1/RP/WORKS/ ID-KUR/RFQ/023
Improvements to D3 canal of LB Main canal in Atharagalla Scheme	CResMPA-1/RP/WORKS/ ID-KUR/RFQ/027
Improvements to FC 18 of LB Main Canal Magalla Scheme	CResMPA-1/RP/WORKS/ ID-KUR/RFQ/029
Improvements to KLBC Deegavapi unit	CResMPA-1RP/WORKS/ID-AMP/RFQ/017
Improvements to Seenampity main channel from stn 0+000 to 0+650 in Veerayadi unit	CResMPA-1RP/WORKS/ID-AMP/RFQ/018

Contract Awarded	Contract Number
Improvements to Regulators and offtakes in Sengappadai LB unit	CResMPA-1RP/WORKS/ID-AMP/RFQ/025
Construction of two Morning Glory Spills in LB24 canal & Improvements to structures in LB 1.1 field canal of Senagama Dambeela anicut in Gonagolla unit	CResMPA-1RP/WORKS/ID-AMP/RFQ/036
Improvements to main canal in Bowathenna	CResMPA-01/RP/WORKS/ID-MATL/RFQ/009
Construction of Gabion wall bank protection to Battuluoya river bund in Sengal Oya scheme	CResMPA-1/RP/WORKS/ID-PUT/RFQ/015
Improvements to downstream protection of M-18.6 regulator at 2+500 in main canal in Annamalai unit I, Ampara Division	DI/AMP/ERMMIS/AMD/2024/NCB/01
Construction of canal linin cum tractor crossing structure & drainage outlet structure at stn. 0+815 of Sirineeththa Anicut RB canal Ambalanoya, Ampara Division	DI/AMP/ERMMIS/AMD/2024/NCB/02
Improvements to PG – 04 canal from stn. 0+615 to 0+923 in Pannalgama Scheme, Ampara Division	DI/AMP/ERMMIS/AMD/2024/NCB/03
Construction of canal lining at stn. 0+000 to 0+240 in HL -03 canal in Rottai Scheme, Pottuvil Division	DI/AMP/ERMMIS/AMD/2024/NCB/04
Improvements to the Sapaththu Canal stn. 0+185 in Lahugala Scheme, Pottuvil Division	DI/AMP/ERMMIS/AMD/2024/NCB/05
Construction of 2 Nos box culvet on RB 29 D'canal in Deegawapi unit, Akkaraipattu Division	DI/AMP/ERMMIS/AMD/2024/NCB/06
Improvements to Drop Structure at stn. 4+315 km in PKBC in Illkuchenai unit, Akkaraipattu Division	DI/AMP/ERMMIS/AMD/2024/NCB/07
Reconstruction of Kothayamadu Unit Office in Sengapadi RB Unit, Kalmunai Division	DI/AMP/ERMMIS/AMD/2024/NCB/08
Construction of 5.5 m Span Bridge in Samalankudah Kayiruveli in Rugam Scheme, Rugam Division, Batticaloa	ID/BAT/S/2024/01
Improvements to Kumukkaddu Anicut in Rugam Scheme, Rugam Division, Batticaloa	ID/BAT/S/2024/03
Construction of Naasivanvely regulator in Kallathu drainage channel in Unnichchai Scheme, Rugam Division, Batticaloa	ID/BAT/S/2024/04

b. Procurement Notices Published

Table 8-3: Procurement Notices Published

Procurement Notices Published	Contract Number
Construction of Gravity outlet structure at BR-01 Flood Bund (Piladuwa) in Kiralakele Scheme	ID/HO/CT/BR-1/NCB/2024/03
Providing of Janitorial Services for Irrigation Department Head office and buildings within the Department premises – 2024/25.	ID/HO/CT/Janitorial/NCB/2024/05

c. Department Procurement Committee Meetings

26 Nos DPC meetings were conducted

8.2.4 Performance of Procurement Branch

Table 8-4: Performance of Procurement Branch

Description	Qty.	P. O. / Contract No.	Procurement Method (NCB / NS)	Contract Awarded (Yes / No)	Payment Done (Rs.'000)
Procurement of Photocopiers (A3 Size Black)	02 Nos.	PO/ID/GOSL/NS/2024/001	NS	Yes	578.2
Procurement of Photocopiers (A3 Size Black)	30 Nos.	PO/ID/GOSL/NS/2024/002	NS	Yes	5,487
Procurement of Mini Crawler Excavators with Barges (Pontoon).	04 Nos.	PO/ID/GOSL/NCB/2024/003	NCB	Yes	96,052
Procurement of Mini Crawler Excavators with Barges (Pontoon)	02 Nos.	PO/ID/GOSL/RO/2024/004	RO	Yes	48,026
Procurement of Supplying of Soil for Construction of Dam - Ellewewa Reservoir Project, Embilipitiya	25,000 Cubes	PO/ID/GOSL/NCB/2024/005	NCB	Yes	-
Procurement of Photocopiers (A3 Size Black)	15 Nos.	PO/ID/GOSL/RO/2024/006	RO	Yes	2,743.5
Procurement of Supplying and Installation of Air Conditioners (24000 BTU/hr)	05 Nos.	PO/ID/GOSL/NS/2024/007	NS	Yes	1,502.61
Procurement of Supplying and Installation of Air Conditioners (18000 BTU/hr)	01 No.	PO/ID/GOSL/NS/2024/008	NS	Yes	255.116
Supplying of Metal (20 mm) for Ellewewa Reservoir Project	78 Cubes	PO/ID/GOSL/NCB/2024/009	NCB	Yes	-
Procurement of i7 Desktop Computers	07 Nos.	PO/ID/GOSL/NCB/2024/010	NCB	Yes	-
Procurement of UPS	69 Nos.	PO/ID/GOSL/NCB/2024/011	NCB	Yes	578.08
Procurement of Notebook Computers (16GB RAM)	11 Nos.	PO/ID/GOSL/NCB/2024/012	NCB	Yes	-
Supplying of Monitors	04 Nos.	PO/ID/GOSL/DO/2024/013	DO	Yes	99.12
Procurement of Poker Vibrators	05 Nos.	PO/ID/GOSL/NS/2024/014	NS	Yes	-
Supplying of Soil Core Cutters	25 Nos.	PO/ID/GOSL/NCB/2024/016	NCB	Yes	-
Supplying of Coarse Aggregate Sieve Set with Shaker	02 Nos.	PO/ID/GOSL/NCB/2024/018	NCB	Yes	-
Supplying of Auger Set	15 Nos.	PO/ID/GOSL/NCB/2024/019	NCB	Yes	-
Supplying of Fine Aggregate Sieve Set with Shaker	02 Nos.	PO/ID/GOSL/NCB/2024/021	NCB	Yes	-
Procurement of Drilling Equipment & Accessories for Engineering Geology Division	Lot	PO/ID/GOSL/NCB/2024/022	NCB	Yes	-
Supplying of Diamond Core Bits for Engineering Geology Division	Lot	PO/ID/GOSL/NCB/2024/023	NCB	Yes	-
Supplying of i5 Notebook Computers	19 Nos.	PO/ID/GOSL/NS/2024/024	NS	Yes	-

Description	Qty.	P. O. / Contract No.	Procurement Method (NCB / NS)	Contract Awarded (Yes / No)	Payment Done (Rs.'000)
Procurement of Bush Cutters	36 Nos.	PO/ID/GOSL/NS/2024/025	NS	Yes	-
Supplying of i5 Desktop Computers	75 Nos.	PO/ID/GOSL/NS/2024/026	NS	Yes	-
Supplying of A3 Printers (Colour)	03 Nos.	PO/ID/GOSL/NS/2024/027	NS	Yes	-
Procurement of Hydraulic Hoist for Radial Gates of Kuda Oya Reservoir Project	01 No. System	ID/GOSL/NCB/2024/001	NCB	Yes	-
Procurement of Repairing of Air Conditioners at Project Planning and Design Branch - Head Office, Irrigation Department	12 Nos.	ID/GOSL/NCB/2024/002	NCB	Yes	-
Procurement of Supplying of Washed / River Sand for Lower Malwathu Oya Multi - Sector Development Project, Thanthirimale	6,000 Cubes	ID/GOSL/NCB/2024/003	NCB	Yes	-
Procurement of Diesel Water Pumps for Gravity Outlet Structure at BR-01 Flood Bund in Matara Division – Galle Region	02 Nos.	PO to be done	NCB	No	-
Registration of Goods Suppliers & Service Providers - 2025	Registration	-	Published Notice	-	-
Registration of Construction Machineries and Vehicles Hiring Suppliers 2025	Registration	-	Published Notice	-	-
Providing Cafeteria Service for the Canteen of the Irrigation Department Head Office	Service	-	NCB	-	-

8.2.5 Staff Position

Table 8-5: Staff position in the Contract and Procurement branch

No	Designation	Approved Cadre	Present Cadre	Excess/ deficit
1	Director of Irrigation	1	1	-
2	Irrigation Engineer	2	1	1
3	Divisional Assistant	2	2	-
4	Engineering Assistant	4	2	2
5	Development Officer	2	0	2
6	Management Service Officer	3	3	-
7	Office Assistant	1	1	-
8	25/2014 Labour	1	1	-

8.3 Training Branch

8.3.1 Objectives

To increase the knowledge, enhance the skills and develop the attitude of the employees for delivering a productive service through increasing awareness and providing motivation.

8.3.2 Functions

- Arrangement of training programs according to the recruitments of all the service categories of the department.
- Coordination of all the foreign training programs (short term, refresher courses, postgraduate diplomas, Masters, and PhD degrees) with the External Resources Department and providing necessary assistance to the selected candidates for participation in the programme.
- Conducting recruitment exams and efficiency bar exams according to the SOR of the departmental services.
- Conducting efficiency bar examinations of other services where necessary.
- Management of pre-service training programmes.
- Management of in -service training programme.
- Coordination of all the local training programs with training institutes like Universities, SLIDA, SLF ect.. and providing necessary assistance for participation of the programme.
- Coordination of all the postgraduate diplomas and Masters degrees programmes with the universities and providing necessary assistance to the selected candidates for participation of the programme.
- Providing necessary arrangements for the training requirement of the candidates in other organizations such as Universities, Technical Colleges, Government and private institutions.
- Coordinate with Irrigation Training Institute Galgamuwa when and where necessary.
- Arranging in-plant training for the university and technical College students.

8.3.3 Performance

a. Details of Examinations conducted during the year 2024

The following examinations were conducted by the Training Branch during the year 2024.

1. First Efficiency bar examination for Engineering Assistant -Grade III & Technical Aids - Grade III.
2. Second Efficiency Bar Examination for Engineering Assistant - Grade II & Third Efficiency Bar Examination for Engineering Assistant - Grade I.
3. Junior Technical Examination (Practical) for Engineering Assistant.
4. Senior Technical Examination (Practical) for Engineering Assistant.
5. Senior Technical Examination (Theory) for Engineering Assistant.
6. End of one year training for Draughtsman.

Table -8-6: Examinations conducted during the year 2024

S.I. No	To Whom	Name of the Examination	Dates Conducted	No. of participants
1	Engineering Assistant	Junior Technical Examination (Practical)	30/01/2024 to 03/02/2024	07
2	Engineering Assistant	Senior Technical Examination (Practical)	06/05/2024 to 11/05/2024	25
3	Engineering Assistant Grade II	Second Efficiency Bar examination	04/06/2024	01
4	Engineering Assistant Grade I	First Efficiency Bar examination	28/06/2024	04
5	Technical Aids in Grade III	First Efficiency Bar examination	26/07/2024	19
6	Engineering Assistant	Senior Technical Examination (Theory)	19/20/26/27 October 2024	298
7	Engineering Assistant Grade I	Third Efficiency Bar examination	26/11/2024	05
8	Draughtsman	End of one year training	29/11/2024	20
9	Engineering Assistant Grade II	Second Efficiency Bar examination	13/12/2024	01



Figure 8-2: Conducting STE Practical Examination

8.3.4 Details of Foreign Programmes conducted during the year 2024

Table -8-7: Details of Foreign Programmes – 2024

Si. No	Name	Designation	Course	Country	Duration	Starting Date	Funding Agency
1	Mr.G.W.N.Silva Mr.G.K.S.N.Kumara Mr.M.S.M.Siyan Mr.V.Siyamalan	Engineering Assistant	ITEC:- Program on Farmer Collective and Linking them to Market.	India	12 days	11-Jan-24	ITEC
2	Eng.L.M.W.Rathnasiri Eng.K.T.N.Perera	2 No. Engineer	Australia Awards Fellowship (AAF) Program	Australia	21 days	4-Feb-24	Department of Foreign Affairs & Trade, Australia.
3	Mr.S.P. Ananda Mr.D.P.S.G. Romesh Ms.G.M.S.M. Aponsu	Research Assistant & 02 No. HFA	ITEC - Flow Measurement and Control, Techniques for Water Distribution System	India	23 days	7-Feb-24	ITEC
4	Eng.T. Vivekchanthiran	Engineer	ITEC - Certificate Course in natural Heritage Management	India	25 days	19-Feb-24	ITEC
5	Eng.I.P.A. Gunasekara Eng.M.S.U. Perera	DGI & Addl.DGI	AIBO-Seminar on Whole Process Engineering Consulting Management of EPC Project in the Construction Sector for Developing Countries.	China	16 days	20-Mar-24	AIBO
6	Eng.W.C.N. Wickramasinghe	Engineer	Conference on "Green Finance and Sustainable Development : Perspectives from South Asia"	Nepal	03 days	2-Apr-24	Centre for South Asian Studies.
7	Eng.A.D.S. Iresh	Engineer	Training on Project for Mainstreaming Disaster Risk Reduction through Establishing Local Disaster Risk Reduction Plans based on River Basin Strategy	Japan	16 days	26-May-24	JICA

Si. No	Name	Designation	Course	Country	Duration	Starting Date	Funding Agency
8	Eng.Y.A.C.R. Kumara	Engineer	Australia Awards South Asia & Mongolia: Capacity Building Program in Integrated River Basin Management (Nepal)	Australia	15 days	27-May-24	Australian Government
9	Eng.K.P.U.K.Thilakarathne	Engineer	Conference on "Policies against Hunger" at the conference Centre KOM27	Germany	06 days	2-Jun-24	Global Forum for Food & Agricultural.
10	Eng.J.D.Amarasekara Eng.S.U.S.R.Siriwardhana	02. No Engineers	Training Course on Rainwater Harvesting and Utilization for B&R Countries	China	20 days	27-Jun-24	Government of China
11	Mr.S.J.C.Sandaruwan	Engineering Assistant	28th P.G.Course in Remote Sensing & Geographic Information System CSSTEAP - Indian Institute of Remote Sensing (IIRS), India	India	9 months	30-Jun-24	CSSTEAP
12	Eng.H.A.D.C. Dilruk Eng.R.M.P.P.Rathnayaka	02 No. Engineers	0711 – 0724 Seminar on Emergency Search and Rescue for Developing Countries	China	17 days	9-Jul-24	Government of China
13	Eng.I.P.A.Gunasekara	DGI	JICA Counterpart Training on Project for Capacity Building of Meteorological Observations, Weather Forecasting and Warning Issuance of Weather Radar	Japan	13 days	15-Jul-24	JICA
14	Eng.H.R.D.Premarathna	Engineer	Japanese Human Resource Development Scholarship (JDS) for Fiscal Year 2024 - Master's Degree Program	Japan	2 Yrs, 1 Month & 10 days	17-Aug-24	JDS
15	Eng.S.P.C.Sugeeshwara	Engineer	16th Asia-Oceania Group on Earth Observation (AOGEO) Symposium by The Remote Sensing Technology Center of Japan	Japan	05 days	2-Sep-24	AOGEO
16	Eng.P.Rasikaran	Engineer	Practical IWRM (Integrated Water Resources Management) for Solving Water Problems	Japan	1 month & 4 days	2-Sep-24	JICA

Si. No	Name	Designation	Course	Country	Duration	Starting Date	Funding Agency
17	Eng.W.M.K.D.Wijerathna	Engineer	Disaster Risk Reduction (DRR) Leaders Capacity Development for the Sendai Framework Implementation (JFY 2024)	Japan	2 Yrs	23-Sep-24	JICA
18	Eng.S.M.B.M.Azhar Eng.S.P.C.Sugeeshwara	Addl.DGI(SM) Engineer	Factory Pre-Shipment Inspection as per contract conditions of procurement and supply of spare parts for repairing & maintenance of Automated Instruments of HMIS Stations.	Germany	05 days	20-Oct-24	IWWRMP
19	Dr.(Eng.) K. Weligepolage -	Addl.DGI (I,P & D)	Invitation for Participation and Coordination on Fast Floods Training and Model Development	Netherlands	09 days	28-Oct-23	National World Food Program
20	Eng.W.C.N.Wickramasinghe	Engineer	19th INWEPF Steering Committee Meeting and Symposium from 12th to 14th December 2024 in Thailand	Thailand	05 days	12-Jan-23	INWEPF
21	Eng.I.P.A.Gunasekara	DGI	Factory acceptance test for Supply & Installation of Generators for Meteorological Department of Sri Lanka.	France	08 days	12-Dec-23	CResMPA



Figure 8-3: Seminar on Emergency Search and Rescue for Developing Countries in China.



Figure 8-4: Figure 03: ITEC - Flow Measurement and Control, Techniques for Water Distribution System in India

b. Local Training Programmes

Table -8-8: Local Training Programmes in 2024

S.I. No	Name of the programme	Institute	For Whom	No. of participants	Programme duration	Cost per Head (Rs)	Total Cost (Rs)
1	Capacity Building Programme for other land use categories and data templates and data provision guideline of AFOLU Sector.	Ministry of Environmental	IE	02	1 day	-	-
2	Computer Training Programme for MAA, DOO. Conducted by ICT Branch	ICT Branch	MAA/DOO	05	5 Days		-
3	Training on " Why the Public and Private Sector Officers involved and Managing Works Contracts need an awareness program, because to Avoid Claims, Issues, Delays, Disputes, Impracticable Specifications, Illegal Clauses, Adjudications, Arbitrations in Government and Private Sector Contracts.	State Ministry of Rural Housing and Construction & Building Materials Industries Promotion	DII/CEE/IEE	05	1 day	5,000.00	25,000.00
4	Training Program for Irrigation Attendants in Irrigation Department	Training Branch & Administration Unit	Irrigation Attendants	70	1 day	-	21,100.00
5	Training Programme on ArcGIS Software by Conducted by GIS Solution (Pvt) Ltd.	GIS Solution (Pvt) Ltd.	IEE/EAA/RA/HA	07	5 Days	-	-
6	Computer Literacy Short Course for Development Officers & management assistants. Conducted by IWRMP	Ministry of irrigation	MAA/DOO	10	4 Month	-	-

S.I. No	Name of the programme	Institute	For Whom	No. of participants	Programme duration	Cost per Head (Rs)	Total Cost (Rs)
7	Refreshment Training program for Engineering Assistant in Irrigation Department	Training Branch	Engineering Assistant	250	6 Days	-	34,490.00
8	Anticipatory action training for Government Stakeholders	RWP RSP VSV USP MM Hdmc psc	IE/ERE	02	1 Day	-	-
9	Training Workshop on pension preparation in Irrigation Department	Training Branch and Administration Unit	DOO/MAA	77	1 Day	-	28,630.00
10	Training Program on NVQ System	Tertiary and Vocational Education Commission	CE	01	1 Day	-	-
11	Interactive Session for Discuss the Research topics and findings of Eng. Mayuran Markandu	Training Branch	DII/CEE/IEE/EAA/DOO	22	1 Day	-	5050.00
12	Training Program on improving technical and managerial skills for Irrigation Engineers	Irrigation Training Institute Galgamuwa	DIE/IE / ERE	31	5 Days	-	-
13	Refreshment Training Program for Draughtsman (Limited) in Irrigation Department.	Irrigation Training Institute Galgamuwa	Draughtsman	20	2 Days		
14	Capacity Development for Effective Public Investment Management. Conducted by JICA Technical Cooperation Project.	JICA Technical Cooperation Project.	DII/ CEE	05	3 Days		
15	Training Program for Personal File Management	Training Branch	AOO/DOO/MSO	115	1 Day		3940.00

c. Post Graduate Programs

Table 8-9: Post Graduate Programs in 2024

S.I. No	Name of the programme	Institute	For Whom	No. of participants	Programme duration	Amount (Rs)
1	M.Sc. in Environmental Studies	Open university	IE	1	2 Years	271,000.00

d. Tamil Training during the year 2024

Table 8-10: Tamil Training Programmes in 2024

No.	Name of the Program	No. of staff trained	Duration of the Program	Total Investment (Rs'000)		Nature of the program (Abroad/Local)	Output / Knowledge Gained
				Local	Foreign		
1	Sinhala language 150 hr courses	50 No.- EA/ DO/ MSO/ TA / HA / HFA/RA/SK	5 Months	112.5	-	Local	Sinhala Language Course
2	Tamil language 100 hr course	73 Nos. – KKS/ Driver/ Labor	5 Months	75.0	-	Local	Tamil Language Course
3	Tamil language 100 hr course	48 Nos. – KKS/ Driver/ Labor	3 Months	75.0	-	Local	Tamil Language Course
4	Tamil language 200 hr course	30 Nos. – IE/AO	4 Months	150.0	-	Local	Tamil Language Course

8.3.5 Expenditure during the year- 2024

Table 8-11: Expenditure during the year -2024

No	Vote particulars	Allocation (Rs. “000)	Expenditure	Physical progress %
1	Expansion of facilities at ITI Galgamuwa 282-01-01-0-2001-11-2	6100	6100	100%
2	Attending Local Training Programmes 282-01-01-0-2401-11-2	2100	1806	86%
3	Conducting Efficiency Bar Exams and other Programs related to SOR of relevant services 282-01-01-0-2401-11-3	4300	2922	68%
4	Operation & maintenance & service of training & other equipment at ITI Galgamuwa 282-02-02-0-2002-11-2	3000	3000	100%
5	Purchase of Equipment for ITI Galgamuwa 282-02-02-0-2103-11-2	2000	2000	100%
7	Training at Galgamuwa ITI, Kothmale, Regional & Zones 282-02-02-0-2401-11-1	3000	2982	99%
8	Foreign Travelling 282-01-01-0-1102	5000	1932	39%
9	Research Support and Process Improvement 282-02-02-0-2507-11-9-8	1000	1000	100%

8.4 Research Support and Process Improvement Branch

8.4.1 Objectives

To provide continued support for improving processes associated with performing the functions of the Department through a research-oriented approach. In addition, offering support and guidance for enthusiastic officers to conduct research studies in engineering, science, administration, social science, accountancy and other particular fields related to the improvement of processes in the Department while addressing present issues in the irrigation sector in general.

8.4.2 Functions

- Identification of process improvement needs and research needs of the Department.
- Providing necessary support and guidance to Department officers to conduct research.
- Coordination with universities and other research organizations on research opportunities.
- Carry out research and studies in collaboration with universities, other research organizations, institutes and other relevant agencies when required.
- Identify critical areas of performance lags, propose strategies for process improvement, and assist in implementing them in the Department.
- Dissemination of knowledge related to process improvement in the field of irrigation and water resources.

8.4.3 Performance of Research Support and Process Improvement Unit in 2024

a. Thelambuyaya Model Fruit Cultivation Programme at Weeraketiya.

For the protection of the government land and reservations of the Irrigation Department, Divisional Irrigation Engineer's office in Weeraketiya has been introduced a new project to use those lands sustainably by achieving some benefits for the department and the country.

- To Popularize and encourage fruit cultivation among the farmers
- Protection and full utilization of government lands
- Contributing to strengthening food security
- Improving public awareness
- Contributing to Economic Development



Figure 8-5: Thelambuyaya Model Fruit Cultivation Programme at Weeraketiya

8.4.4 Staff Position

Table 8-12: Staff Position in the Training, RS & PI branch

No	Position	Approved Cadre	Available Cadre	Deficit/Excess
1	Director of Irrigation	1	1	0
2	Chief Engineer	1	1	0
3	Irrigation Engineer	1	0	1
4	Engineering Assistant	4	3	1
5	Management Service Officer	3	1	2
6	Development Officer	1	1	0
7	Office Assistant	1	1	0

8.5 Works General and Building Services Branch

8.5.1 Objective

- Facilitate for effective utilization of resources within head office premises.
- Assist DGI in parliamentary consultative meetings, public grievances on miscellaneous matters and matters discussed in all media.
- Facilitate for smooth functioning of all categories of services in regional offices as well as head office.
- Facilitate for a comfortable working environment for employees of ID.

8.5.2 Functions

- Reservation of accommodations in 32 number of field circuit bungalows all over the country.
- Upkeep and maintenance of PABX inter-communication services including departmental telephone directory.
- Provision of garage facilities for departmental vehicles attached to head office staff and private vehicles of head office staff.
- Provision of approval for social activities within the head office premises organized by the welfare society and for Auditorium facilities for different departmental activities.
- Management of office space by rearranging & allocating rooms for different branches in the department premises.
- Arranging holiday pay approval forms of all staff and field officers in the department for DGI's approval & for the secretary's approval.
- Coordinating leave approvals of regional directors by maintaining diary abstracts.
- Organizing quarterly forums of Directors conference including preparation meeting minutes.
- Miscellaneous matters which are not assigned under the functions of other branches such as Parliamentary consultancy committee matters, public petitions, the nomination of staff for different committees requested by other departments & organizations, etc.
- Construction, maintenance & improvement works in Irrigation Head office, Lot 34 premises and Quarters in Rathmalana and Wellawatta.

8.5.3 Performance

a. Performance of Works General Branch

Organizing official functions such as ceremonies chaired by Director General of Irrigation and other meetings in year the 2024.

Preparation of compressive answer with the coordination of relevant sub department/ mahaweli / Project for the questions arise from parliament and parliament consultative committee meetings and also response to the public petitions/complaints/appeal coming from various institutions on Irrigation related problems. All those matters attended during the year 2024 can be classified as follows.

Table 8-13: Progress of Preparation of comprehensive answers

Ministry/Department/Institution	Numbers received	Replied with solutions
Parliament Question	03	03
Public Petitions Committee office	07	05
Petitions (Presidential office/Prime Minister's office / Ministry of Irrigation)	362	232
Petitions (Leader of the opposition of Parliament)	06	03
Public petitions	204	96

- Repaired the PABX inter communication services and direct telephone lines at Irrigation Secretariat.
- 1362 number of reservations among 32 Irrigation Department field inspection Bungalows.

b. Performance of Building & Building Services Branch

- Operation & Maintenance at Head office, Rathmalana Housing Scheme, Wellawaththa Housing scheme and Senior Staff Quarters
- Improvement and Renovation & maintenance of buildings
- Maintenance of AC systems of the buildings
- Monitoring of the Janitorial & Security services
- Rehabilitation & essential maintenance of Rathmalana Housing Scheme
- Solid waste management
- Management of welfare facilities
- Providing necessary facilities to various functions of Irrigation Department
- Maintenance and Improvement of utility services
- De-silting & Removing of Un-necessary garbage in drainage canals in Rathmalana housing Scheme

8.5.4 Expenditure

Table 8-14: Expenditure during the year 2023

Vote particulars	Allocation (Rs. Million)	Expenditure (Rs. Million)
Irrigation Secretariat 282-1-2001-11-1	17.96	17.96
Rehabilitation of Rathmalana Housing Scheme 282-1-2001-11-3	10.053	10.051
Management Supporting facilities for Human Resources Development 282-2-2503-11-2	1.0	1.0
Purchase of communication equipment 282-02-02-2103-11-4	10.0	0.98
Senior staff quarters 282-02-02-2104-11-5	36.0	21.59

8.5.5 Staff position

Staff position of the Works General Branch

Table 8-15: Staff Position of the Works General Branch

No	Designation	Approved Cadre	Present Cadre	Deficit/Excess
01	Director of Irrigation	01	01	-
02	Chief Engineer	01	00	01
03	Irrigation Engineer	01	01	-
04	Engineering Assistant	01	01	-
05	Technical Assistant	02	04	02
06	Development Officer	01	00	01
07	Management Assistant	03	03	-
08	Department Clerk	-	01	01
09	KKS	03	02	01
10	Field Watcher	-	01	01

Staff position of the Building & Building Services Branch

Table 8-16: Staff Position of the Building & Building Services branch

No	Designation	Approved Cadre	Present Cadre	Deficit/Excess
01	Divisional Irrigation Engineer	01	01	-
02	Divisional Assistant	01	01	-
03	Engineering Assistant	06	04	02
04	Technical Assistant	07	07	-
05	Development Officer	02	00	02
06	Management Assistant	05	02	03
07	Draftsman	01	01	-
08	Storekeeper	02	00	02
09	Store helper	02	00	02
10	KKS	03	01	02
11	Labor	-	01	01

8.6 Machinery & Workshop Branch

8.6.1 Objectives

Maintenance repair and up keeping all vehicles, machinery and hydro mechanical structures attached to Irrigation Department.

8.6.2 Functions

- Administration and coordination of all Mechanical Workshops of the Irrigation Department to obtain optimum quality on mechanical works.
- Maintenance and repair of all vehicles and machinery in the Irrigation Department.
- Design, fabrication, installation and necessary repairs of hydro mechanical structures.
- Allocation of machinery within Divisions to achieve optimum utilization and efficient use.
- Assisting DII (Region) in flood and disaster situations by providing mechanical staff and other support.
- Preparing specifications to Vehicles, Machinery and Equipment and attending to technical evaluations according to the procurement plan.
- Development of mechanical workshops with new technologies and improvements of buildings.
- Development of skills of mechanical staff by providing training opportunities.
- Introducing innovative mechanical solutions.
- Implementing Financial Regulations on accident and losses.
- Implementation of productivity programs within the mechanical section

8.6.3 Performance

The Machinery and Workshop Branch of the Irrigation Department is responsible for maintaining a large no's of machines and vehicles fleet. In addition to routine maintenance, we also undertake the fabrication and maintenance of spill gates, sluice gates, and hydraulic structures of all major and medium-scale tanks within the department. Currently, we are engaged in the sluice gate fabrication works for the MalwathuOya Project and the radial gate fabrication & installation works for the Kuda Oya reservoir Project. Machinery sections of the department have successfully completed more than 150 million of works under the CResMPA Project for 2024. Under Phase 1 Lot 1 of the CResMPA Project, the estimated cost and expenditure for each Zone are as follows:

Table 8-17: Expenditure details of CResMPA Project for 2024

Zone	Estimated Cost (Rs. Mn)	Expenditure (Rs. Mn)
North Central	96.04	39.85
Central	118.69	64.97
Southern	122.13	45.80



Figure 8-6: The new machinery purchased and tested in the field by the Central Workshop Rathmalana



Figure 8-7: Hanpita Flood Gate repair by Central Workshop Rathmalana



Figure 8-8: Eruwewa-Mahakanadarawa Feeder Canal Gate repair by Regional Mechanical Workshop Rambewa



Figure 8-9: Mora Oya annicut gate Re Fabrication and Installation works by Regional Workshop Rambewa



Figure 8-10: Mathalawewa Rotawewa Radial Gate Refabricates works by Regional workshop Minneriya



Figure 8-11: Magallagoda Gravity Gate Refabricating and Installation works by Regional workshop Halpathota

8.6.4 Financial Progress

Table 8.6.1 financial progress of 2024

No	Vote	Description	Received Allocation (Rs.Mn)	Expenditure (Rs.Mn)
01	282-1-1-0-2002(11)	Plant Machinery and Equipment	10.0	9.99
02	282-1-1-0-2003(11)	Vehicles	20.0	19.93
03	282-2-2-0-2002(11)	Plant, Machinery & Equipment	97.0	96.77
04	282-2-2-0-2003(11)	Vehicles	45.0	44.09
05	282-2-2-0-2001(11)-17	Improvements to Mechanical Workshop	8.0	7.43
06	282-2-2-0-2103(11)-1	Purchase of Machinery	144.08	144.08
07	282-2-2-0-2013(11)-6	Purchase of Equipment's for Mechanical Workshops	3.00	2.97

8.6.4 Organization chart of Mechanical Section

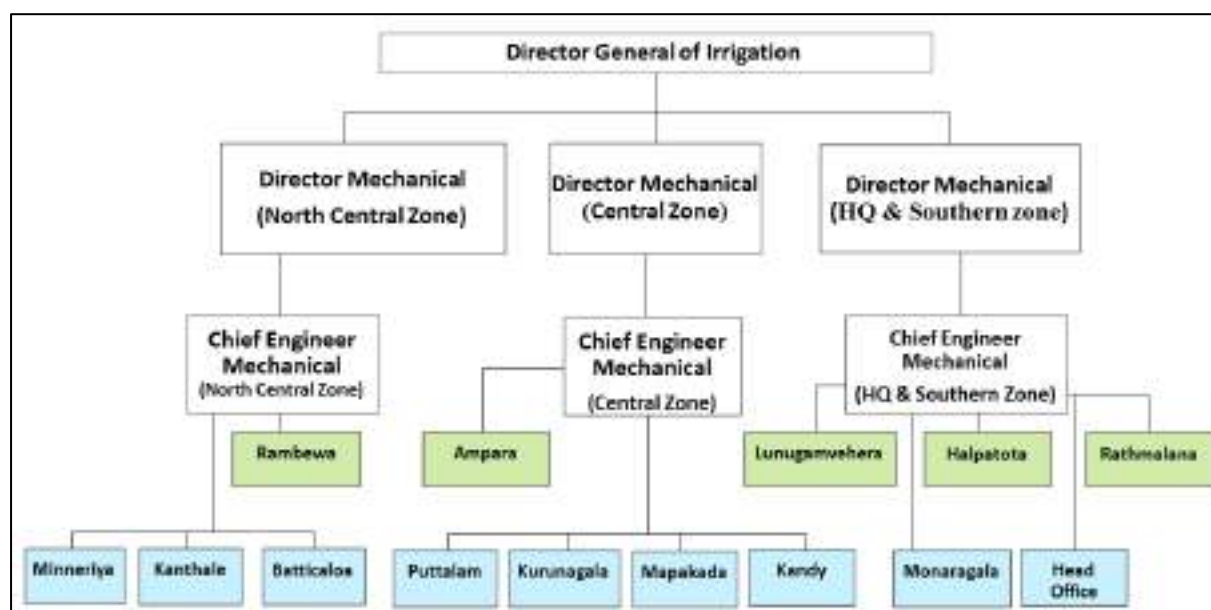


Figure 8-12: Organizational chart of Mechanical Section

8.6.5 Organization chart -Mechanical Shop

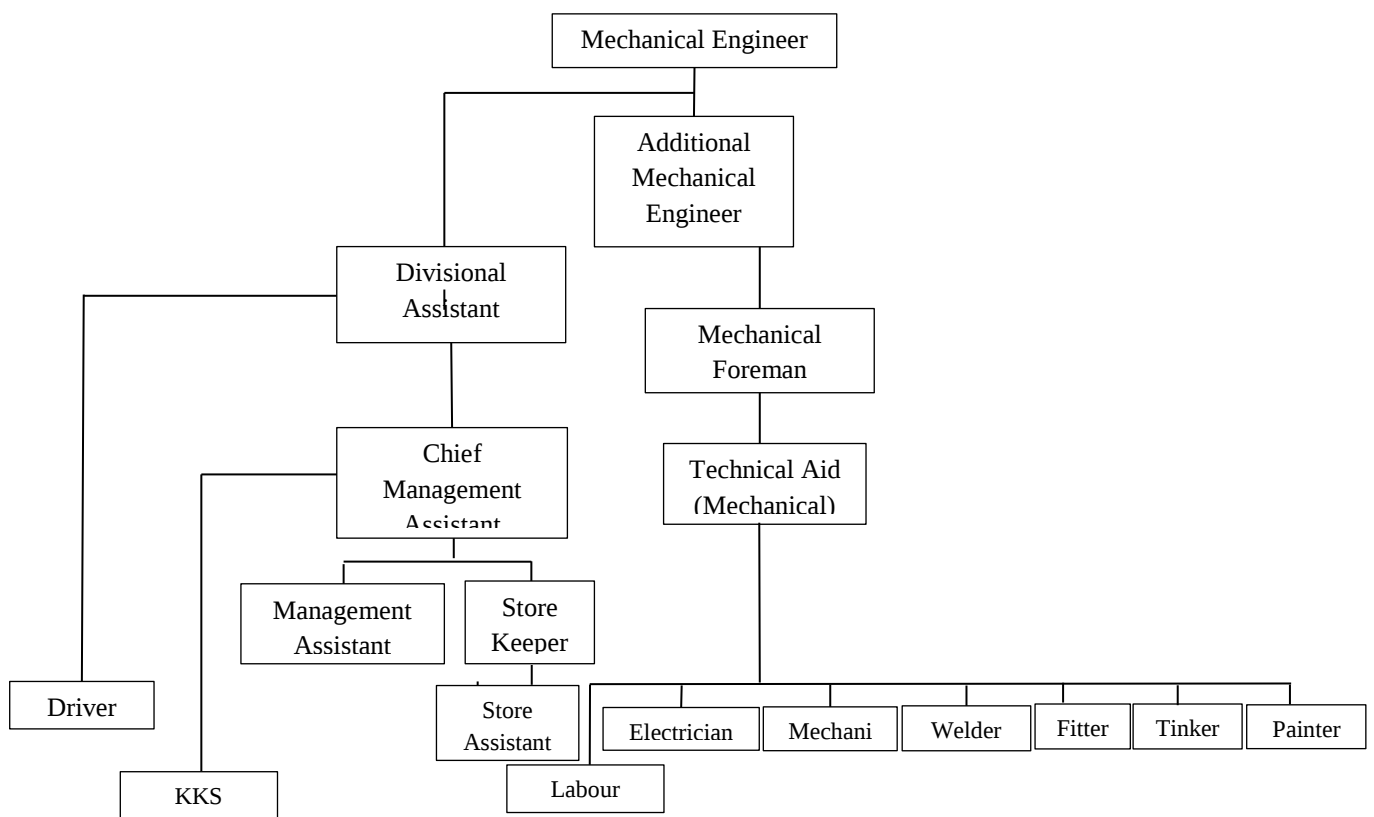


Figure 8-13: Organizational chart -Mechanical Shop

8.6.6 Staff position

Table 8-18: Staff position in the Machinery and Workshop branch

No	Positions	Head Office	Rathmalana	Halpalthota	Lunugamvehera	Monaragala	Uma oya	DM Central	Ampara	Mapakada	Kandy	Puttalam	Kurunagala	DM_NC	Rambewa	Kanthale	Minneriya	Batticaloa
1	Director Mechanical	1		0	0	0		1	0	0	0	0	0	1	0	0	0	
2	C.Mechanical Eng.	1		0	0	0		0	0	0	0	0	0	1	0	0	0	
3	Mechanical Engineer	3	3	3	1	1	1	1	2	1	1	1	1	0	1	0	1	1
4	Divisional Assistant	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Development Officer	2	1	1	1	2	0	1	4	1	2	0	1	0	2	0	0	0
6	Mechanical Forman	1	3	3	1	1	0	0	1	0	0	0	0	0	1	0	0	0
7	MSO(Management Service Officer)	8	5	3	3	0	0	2	8	1	2	2	2	2	4	2	1	0
8	Store Keeper	1	2	2	0	1	1	0	2	1	0	0	1	0	2	0	1	1
9	Thakshana sahayaka	1	5	5	1	1	0	0	1	0	1	0	1	0	1	0	0	0
10	Driver	39	4	4	4	3	0	1	3	2	1	0	3	1	4	1	1	3
11	Electrician (Auto)	1	2	2	0	0	0	0	1	0	0	0	0	0	1	0	0	0
12	Mechanic	6	10	10	4	2	0	0	11	2	1	0	2	0	6	2	2	3
13	Welder	0	3	3	3	0	0	0	2	1	0	0	2	0	3	1	0	0
14	Tinker		3	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0
15	Painter		3	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0
16	Latheman		1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Fitter		2	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0
18	Machinist		1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
19	Blacksmith		2	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0
20	Store Assistant	1	4	4	0	1	1	0	0	0	0	0	1	1	1	1	0	0
21	Operator				0				2									
22	Greaser		0	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0
23	Lorry Cleaner	3	2	1	0	2	0	0	3	1	0	0	0	0	2	0	0	0
24	KKS	2	1	1	0	0	0	2	1	1	0	1	1	1	0	1	1	0
25	Field Watcher	1	1	1	0	2	0	0	2	2	0	1	1	0	2	0	2	0
26	Irrigation Attendent	2	11	3	3	0	0	0	1	4	5	4	4	0	8	0	3	
27	Tractor Operator		0	0	0	3		1	2	1	0			0	0	0	1	
28	Maintenance Labour				0				3	1							1	
29	Labourer(25/2014)	11	2	6	5				19	5	3	4	4	2	6	4	2	
30	Water pump operator								1									

8.7 Internal Audit Branch

Internal audit branch is an independent unit directly reporting to the Director General of Irrigation on its operations and its major objectives and functions include the following.

8.7.1 Objectives

- Participating to the system of internal control to minimize risk of department activities.
- To carryout survey and independent appraisal of controls and soundness and adequacy of internal checks adopted in the prevention and detection of errors and frauds.
- To assist the Accounting Officer in ascertaining progress on works and schemes.
- Performing as a adviser regarding correct internal control system of the department.

8.7.2 Functions

- Ascertain systems of internal checks and controls in operation for prevention of errors and frauds.
- Ascertain reliability of accounting and other records, for preparation of correct financial statements.
- Ascertain the extent to which department's assets are safeguarded from losses of all kinds.
- Ascertain compliance with Establishment Code, Financial Regulations, Department circulars and others issued by relevant agencies.
- Ascertain effectiveness of the system of internal controls adopted in preventing and detecting waste and idle capacity.
- Examine accounting procedures and its operations which have any financial implications and verifying the safety, economical and proper use of property and assets of the Dept.
- Appraisal of progress of works, scheme projects and extent to which programs and schedules are on target.
- Carryout special investigations when necessary.
- Convene and coordinate the activities of the Audit and Management Committee of the Dept.
- Issuing audit report including observation and recommendation to the attention of the DGI.
- Performing internal audit activities under given advice from the Management audit.
- Performing closely with the government audit office.

8.7.3 Performance

In relation to the financial year commencing from January 2024, the Internal Audit Branch has submitted twenty five (25) audit reports. Further, paid documents for the financial year 2024 of 83 paying units including offices of Regional Director of Irrigation, Divisional Irrigation Engineers and Projects under the Department were checked. Arrangements were made to convene four (04) Audit and Management Committee meetings, one for each quarter under the Chairmanship of the Director General of Irrigation during the year. A member of the Department of Management Audit of the General Treasury represented these Committees together with the representative of the Auditor General as an Observer.

8.7.4 Staff Position

Table 8-19: Staff position in the Internal Audit branch

No	Designation	Approved Cadre	Present Cadre	Deficit/Excess
01	Chief Internal Auditor	01	01	-
02	Internal Auditor	01	01	-
04	Draughtsman	02	01	01
05	Engineer Assistant	02	01	01
06	Management Service & Related Service officers	11	06	05
07	K.K.S	01	01	-

9 Finance Sub Department

The Director General of Irrigation is Functioning as the Accounting Officer of the Irrigation Department. He is responsible to the Parliament through the Chief Accounting Officer in respect of all finance activities of the Department. The Finance Sub Department is headed by the Chief Financial Officer who is supported by twenty one (21) Accountants. Out of them, four (04) post in Region and one (01) post in Head Office were covered under acting arrangements.

9.1.1 Functions

- Preparation of Annual Expenditure, Revenue and Advance Account Estimates
- Annual imprest control
 - Domestic Fund
- Effecting all payments under
 - Capital Expenditure
 - Recurrent Expenditure
- Release of allocations and maintaining control ledgers
- Submission of monthly Summary of Accounts
- Submission of claims to Reimburse funds from donor agencies
- Submission of monthly financial progress reports
- Attending to contract management activities
- Maintaining a close liaison with the General Treasury, Finance Ministry, Line Ministries and other institutions on finance matters.
- Submission of Annual Appropriation account, Public Officers Advance Account, Deposits Account to the Auditor General.
- Asset management, conduct of Annual Board of Surveys and dealing with Disposals, write off applications etc.
- Submission of replies to Audit Queries
- Submission of applications for Refund from Revenue etc.
- Representing the Audit and Management committees.
- All other accounting related activities.

Chief Accountant (Finance) Branch

Chief Accountant is responsible of collecting data from head office and regional offices, preparing and submitting annual and monthly imprest applications to the Department of Treasury Operations through the chief financial officer, forwarding the losses and write-off applications to the secretary/according to FR IWM, supervising & managing the liabilities & control cash imprest.

In the year 2024, capital imprest of Rs. 14,530,410,000/- and recurrent imprest of Rs. 3,915,664,000/- were released & distributed to the head office payments branch and all regional offices. Further, all 06 audit queries received from the Internal Audit branch and auditor general's department were handled and answered during 2024. Supporting documents were sent to Audit and Management committee of department and ministry. In addition, Approvals were given to all the deposit payments, distress loans, festival advances, special loans and payments of stores section. Preparation of outstanding bills report (TOD/IMP10) were also done and submitted to the Department of Treasury Operations through Chief Financial Officer.

Accounts & Estimate Branch

The main responsibilities of the accounts & estimate branch are preparing the annual budget and financial statement by collecting data from the head office and regional offices, controlling and releasing allocations to the head office and regional offices. Through this branch, amount of Rs.1,018 million for recurrent expenses and Rs.90 million for capital expenses has been allocated to the head office in 2024. In addition, Rs.10,515 million has been allocated to regional offices for their recurrent & capital expenditures, and Rs.16,474 million has been allocated to the projects. Apart from this, collection of monthly summary from regions, preparation of cumulative main summary, preparation of imprest reconciliation and supervision of bank reconciliations of the payment units (DIE office, 14 regional offices & head office), coordination with treasury, and management of the CIGAS and ITMIS systems are other main responsibilities of the Estimate branch. The received allocation of Rs. 1,413 million from other heads (Department & Ministries) has been distributed among the regional offices in year 2024.

In addition, several reports such as the committed expenditure report, the other department's committed report, and the recurrent expenditure report have been provided for decision-making purposes.

Stores Branch

The main duty of the stores branch is maintaining a proper stock to facilitate the functions of the Department. The branch includes three stores which are stationery (stores no. 01), office equipment (stores no. 02) and Printed Forms (stores no. 03). Stationery stores serves only divisions and sub departments in the head office. According to the stock levels and quantities, it purchases stationery and supply base on the requests made by each division. In the year 2024 budgeted allocation was Rs 27.4 million for stationery and office requisites. On the other hand office equipment purchase by the contract and procurement division, were stored in the office equipment stores. Those are distributing among the divisions and sub departments in the head office and Issue to regional and project offices base on the authorized distribution orders. Printed form stores full fill the needs of both head office and all the regional and project offices. Another important function of the branch is repair and maintenance of office equipment. Rs 3.5 million were allocated to this in the year 2024. Repairing machines, signing service agreement and purchase spare parts are main duties under that. Coordinating board of survey activities are also handled by the stores branch. 11 divisions in head offices, 14 DI offices, 52 DIE offices, 13 ME offices, 03 Zonal Director offices and 08 project offices board of survey reports were submitted to the relevant authorities in 2024. In addition to that FR procedures for loss of inventory items in head office and coordinating such cases occurred in region and project offices. are doing by the stores branch. Purchasing newspapers for official use in the department head office and distribute them to relevant division and officers are another function of the branch.

Write offs during the year 2024

(A) Losses not written off are accumulated over the past years and actions were taken to expedite to write off the losses. Amounts written off during 2024 are as follows.

(I) Losses of stores	<u>No</u>	<u>Amount (Rs)</u>
Losses below Rs. 25,000/-	-	-
Losses over Rs. 25,000/-	05	487,025.00
Total	<u>05</u>	<u>487,025.00</u>

(II) Damages vehicle accidents recovered/written off

	<u>No</u>	<u>Amount (Rs)</u>
Losses below Rs. 25,000/-	01	21,747.00
Losses over Rs. 25,000/-	24	8,978,621.76
Total	<u>25</u>	<u>9,000,368.76</u>

Assets Management Branch

The main objective of the Assets Management (Finance) branch is to record details of all non-current assets to the treasury department.

Other activities are identification of all fixed assets, analyzing and reporting of non-current assets, coordination with Controller Generals department, valuation department and other relevant government institution with regard to assets management activities. Fulfill the treasury requirement and financial regulations.

Furthermore, the Assets Management branch is responsible of collecting monthly assets details from 14 regional offices and preparing monthly assets reconciliation and maintaining fixed assets register by using CIGAS accounting system. Over 50,000 numbers of fixed assets (with 250+ reservoirs) with a value of Rs. 1,537,555,855,163.50 were recorded to the state accounts department (CIGAS System) as at 31/12/2024.

Advance & Deposit Branch

The main role of the advance & deposit branch is to pay distress loan, festival loan, Special advance to the officers who are serving in the head office, prepare property loans to the officers who serving in Irrigation department and release the attorneys of settled property loans. Another responsibility is to release annual budgetary allocation under public officers advance B account for the irrigation department.

In addition, preparing annual accounts for advance B and deposits (such as tender deposit, security deposits, temporary retained deposit, temporary retention for statutory payment, and retention money for construction accounts) are one of responsibilities. Furthermore, collecting and paying the refundable miscellaneous deposit through the deposit account, maintain & release of the security deposits, recording & reporting all recoveries to the government by pensioners, settle loan balances of officers who transferred from the other ministries/departments & compare with general treasury printouts, recover loan balances from the officers who deceased, retired, interdicted, vacated their post & suspended from their post are done by Advance & Deposit branch.

Advance Account Activities

Total amount of loans granted

<u>Type of Loan</u>	<u>No of Loans Granted</u>	<u>Amount (Rs.)</u>
Distress Loan	1476	222,919,794.92
Festival Advances	3227	32,270,000.00
Special Advances	910	3,640,000.00
Total	<u>5613</u>	<u>258,829,794.92</u>

Loans/advances were paid within the advance account limit provided for the year 2024.

Table 9-1: Loans/Advances paid during 2024

Property Loans	No of Applications Received	No of Applications Submitted to the bank	Amount Recommended (Rs)
Applications on Property Loans Recommended during the year	01	01	3,000,000.00

Deposit Accounts Activities

Receipts & payments of pension gratuities of retired employees and collections and payment of refundable miscellaneous deposits are made through the deposit accounts and its financial position is as follows.

Table 9-2: Deposit Accounts Activities

(Rs)

Description	Deposit A/C No					
	1/22	1/41	2/189	13/36	16/8	18/10
Opening Balance	-	1,526,313.50	17,917,111.93	389,040,899.49	252,191,408.80	2,440,278.53
Receipts	8,489.27	2,881,698.38	16,672,169.68	4,184,648,556.59	303,883,812.90	2,013,720.65
Payments	8,489.27	1,823,260.88	19,885,622.03	4,349,892,463.36	95,963,212.24	1,698,319.52
Closing Balance	-	2,584,751.00	14,703,659.58	223,796,992.72	460,112,009.46	2,755,679.66

Payments Branch

The main responsibility of the payments branch are certification, payment and accounting for the vouchers submitted by all sections of the Head office including Engineering Materials, Hydrology, Hydraulics, Land Use and Engineering Geology. In addition to that, accounting for the all cash receipts to the Head office and estimating the required imprest for the payments of the Head office, Galgamuwa Irrigation Training Institute and Ratmalana Mechanical Engineering Office and requesting imprest from the chief financial officer and transferring imprest to those offices for payment are other main duties of the payment branch. Through monthly accounting reports, all transactions of this branch are reported to the chief accountant (accounts and estimates) through monthly summery of accounts and the performance of this branch is reported to the management through other reports as requested by chief accountants and chief financial officer.

Salaries and Miscellaneous Branch

The main responsibility of the salaries and miscellaneous branch is payment of salaries & wages for 950 employees of approved carder in Irrigation Department Head office.

Other responsibilities are preparation of annual salary estimates, other recurrent expenditure estimates, payment of miscellaneous expenses such as overtime, travelling, electricity, water, telephone bills, rent & rates.

In addition we are providing W&OP details and APIT detail to relevant institutes.

9.1.2 Imprest released during the year 2024

Table 9-3: Imprest released during the year 2024

Rs. '000

Division	Imprest Released during the Year 2024		
	Capital	Recurrent	Total Released
Head office	967,237	738,544	1,705,781
Ampara	687,652	304,363	992,015
Anuradhapura	3,521,947	338,988	3,860,935
Bandarawela	2,599,824	213,150	2,812,974
Batticaloa	574,479	133,308	707,787
Colombo	493,034	184,366	677,400
Galle	455,806	433,819	889,625
Hambantota	775,065	294,555	1,069,620
Kandy	426,309	270,950	697,259
Kurunegala	291,340	259,687	551,027
Monaragala	437,154	180,540	617,694
Polonnaruwa	1,082,166	237,180	1,319,346
Puttalam	380,705	89,607	470,312
Trincomalee	1,047,200	140,155	1,187,355
Vavuniya	229,517	96,452	325,969
Morana Project	-	-	-
Uma Oya	470,000	-	470,000
Ellewewa	2,225	-	2,225
Himbiliyakada	4,750	-	4,750
Mundeniaru	-	-	-
Lower Malwathuoya	84,000	-	84,000
Kudawilachchiya	-	-	-
Kumbukkan oya	-	-	-
TOTAL	14,530,410	3,915,664	18,446,074

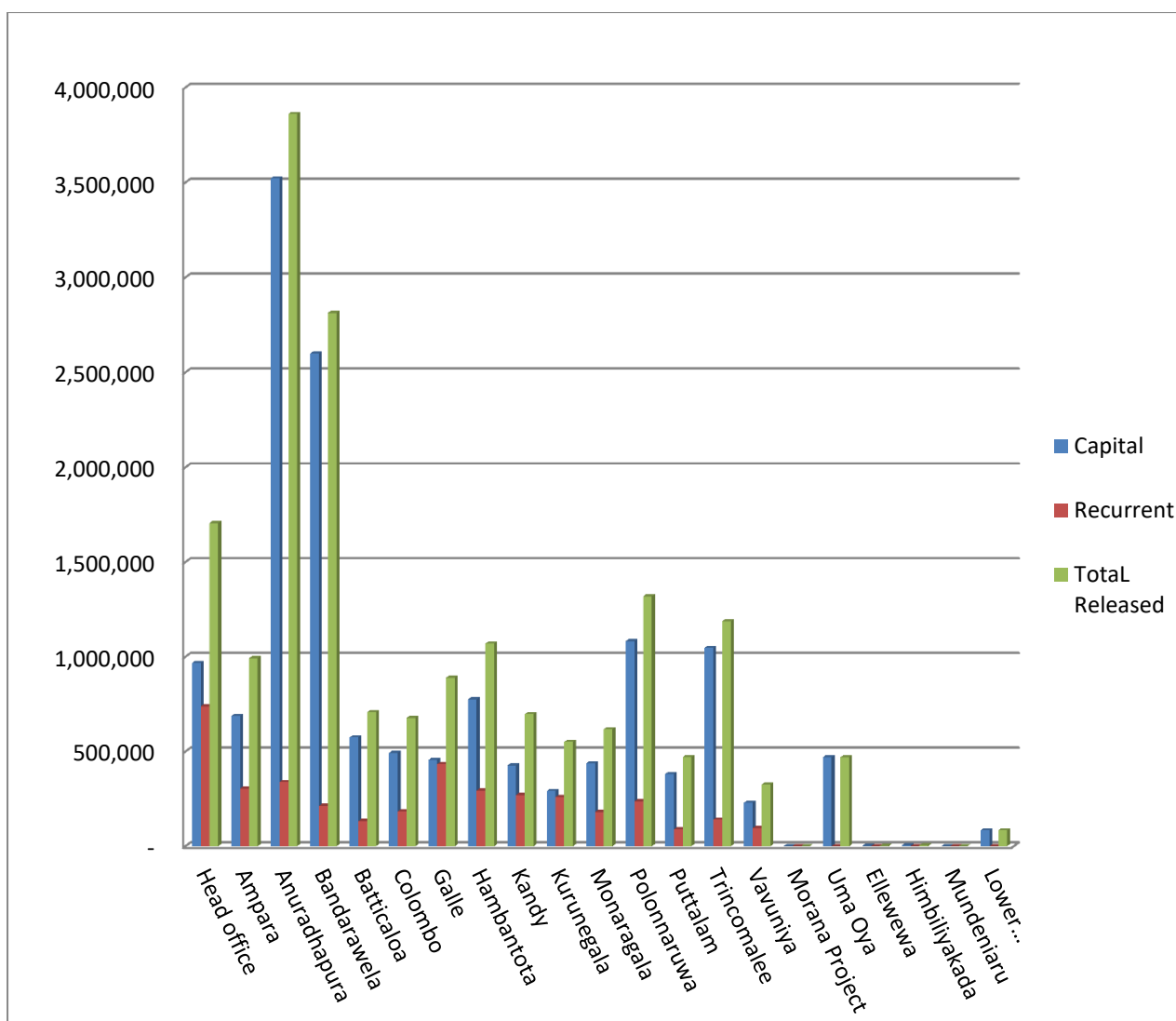


Figure 9-1: Imprest released during the year 2024

9.1.3 Capital Expenditure – Project 2

Table 9-4: Capital Expenditure – Project 2

Projects	Expenditure 2024 (Rs.)	%
2-2-0-2001	604,077	9.63
2-2-0-2002	99,749	1.59
2-2-0-2003	44,096	0.70
2-2-0-2102	5,887	0.09
2-2-0-2103	152,402	2.43
2-2-0-2104	45,095	0.72
2-2-0-2401	2,807	0.04
2-2-0-2505	4,736	0.08
2-2-0-2507	73,432	1.17
2-2-1-2001	2,109,690	33.64
2-2-4-2001	2,461,287	39.25
2-2-5-2105	667,468	10.64
TOTAL	2,139,584	100.00

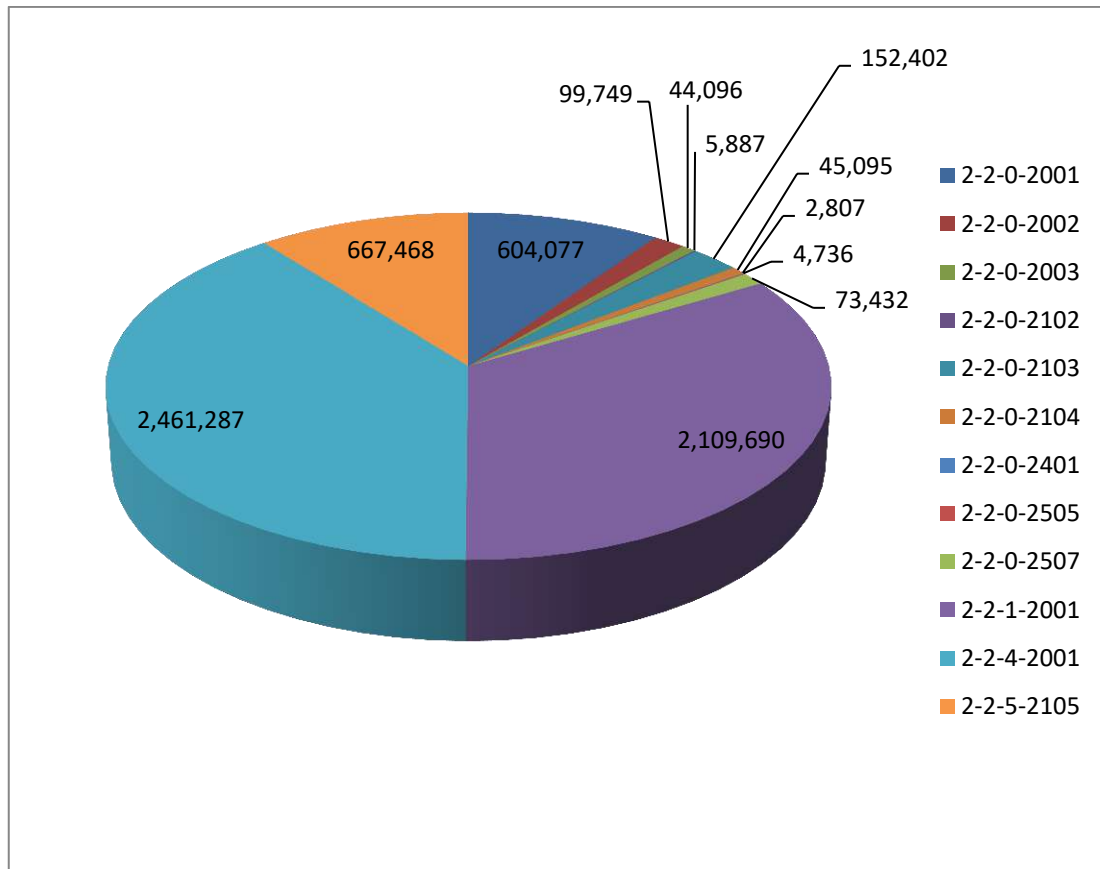


Figure 9-2: Capital Expenditure – Project 2

9.1.4 Capital Expenditure – Project 3

Table 9-5: Capital Expenditure – Project 3

Projects	Expenditure 2024 (Rs. '000)	%
Yan Oya Project	2,573,026	38.56
Morana Reservoir	48,081	0.72
Ellawewa Reservoir	173,166	2.59
Rugam - Kithul Reservoir	21,930	0.33
Kelani River Bund Protection	139,570	2.09
Development & Improvements of Godigamuwa Tank in Matale District	25,923	0.39
Uma oya Down Stream Development Project	2,558,607	38.34
Himbiliyakada Waththegedara Project	34,588	0.52
Lower MalwathuOya Multi- sector Development project	608,221	9.11
Thalpitigala Reservoir Project	86,962	1.30
Barrack Plane Development Project	27,452	0.41
Constrtuction of the canal from Eruwewa to Mahakanadara Reservoir	375,789	5.63
TOTAL	6,673,315	100.00

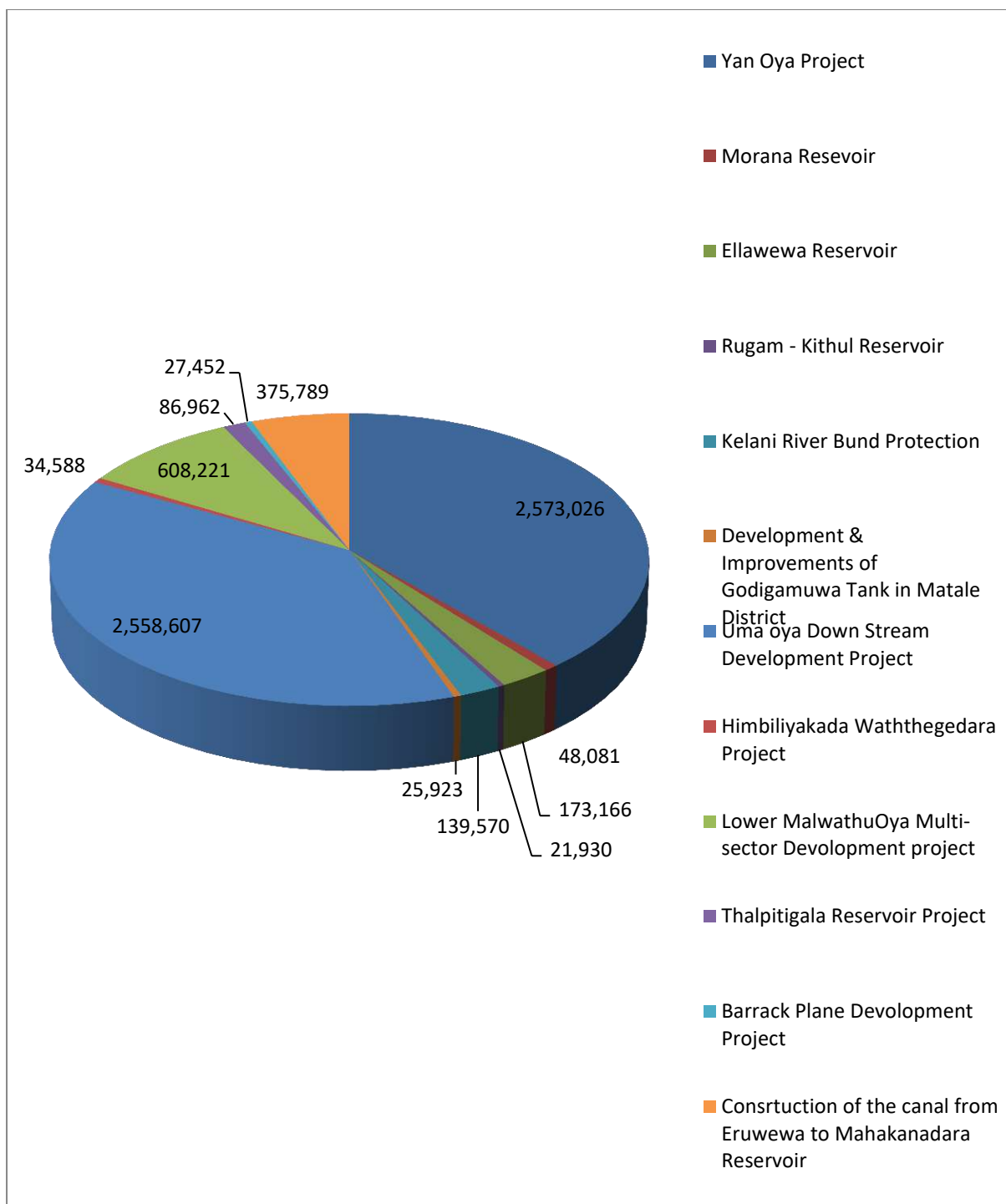


Figure 9-3: Capital Expenditure – Project 3

10 Administration Sub Department

Administration sub department consists of 05 units and headed by Additional Director General (Administration), who is supported by Director (Administration) I, Director (Administration) II, 05 numbers of Administrative officers and Translators.

Administrative works related to appointment, transfer, promotion and retirement of officers / workers come under purview of unit 02, 03, 04, 05 and 06 are carried out by the Administration sub department.

10.1 Units of the Administration Sub Department

10.1.1 Unit 02

Following officers' personnel files are updated and maintained in this branch.

- Officers of Sri Lanka Technical Service
- Information & Communication Technology Officers
- Information & Communication Technology Assistant
- Technical Aide (Irrigation)
- Technical Aide (Mechanical)

10.1.2 Unit 03

Following officers' personnel files are updated and maintained in this branch.

- Management Service Officers (Supra Grade)
- Management Service Officers (Class –I, II, III)
- Information and communication Technology Officer
- Development Officers
- Librarian
- Translator
- Library Assistant
- Store Keepers
- Typists and Clerks (Departmental)

10.1.3 Unit 04

Following officers' personnel files are updated and maintained in this branch.

- | | |
|------------------------|-----------------------|
| • Laboratory Attendant | • Laboratory Laborers |
| • Plan Printer/Helpers | • Field Watchers |
| • Greasers | • Laborers |
| • Cleaner/Helper | • Field Attendant |
| • Irrigator | • Work Supervisor |
| • Laborers 25/2014 | |
| • Irrigation Attendent | |

10.1.4 Unit 05

Following officers' personnel files are updated and maintained in this branch.

- Drivers
- Operators
- Tractor Operators
- Electricians
- Mechanics
- Welders
- Tinkers
- Painters
- Lathe man
- Machinists
- Blacksmiths
- Maintenance and Operating Labours
- Pump Operators
- Mesons
- Carpenters
- Plumbers
- Instrument Artificer,
- Instrument Repairers
- Hydrological Survey Labours
- Circuit Bungalow Keeper
- Store Aide
- Watch Repairer
- Fitters
- Office Employees
- Air Conditioner Repairer

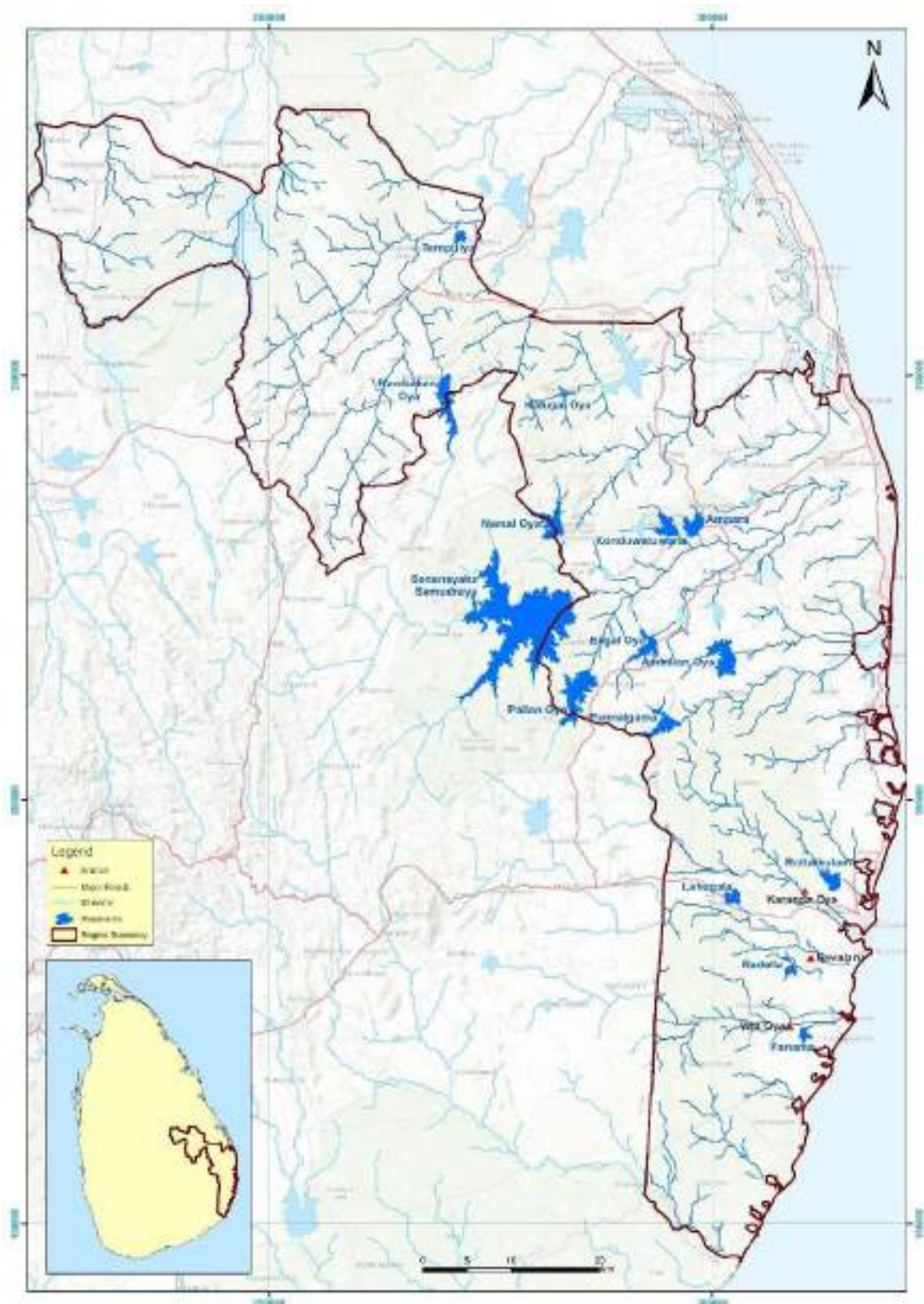
10.1.5 Unit 06, Postal Division and Record Room

Below functions are carried out by unit 06.

- Preparation of pension and getting approval for language allowances, overtime and holiday pay for all employees of the department.
- Managing agra-hara insurance scheme, issuing railway warrants, requesting railway season tickets, and getting approval for telephone allowances for all employees attached to the head office.
- Issuing administration related circulars and maintaining other Departmental Circulars.
- Coordinating Elections related activities for the employees attached to the head office.
- Maintaining Fingerprint machines and related documents at the head office.
- Preparing reports relating to the department cadre details.
- Replying for Audit inquiries relating to the Administration Sub Department.
- Maintaining a record room.
- Managing postal division.

11 Regional Offices

11.1 Ampara Region



11.1.1 Introduction

Ampara region of the Irrigation department mainly covers the administration area of Ampara district. It consists of 06 Divisional Irrigation Engineer's Divisions named 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 anicut schemes. 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 covers by the divisions of Ampara, Akkaraipattu, Sammanturai, and Kalmunai are as illustrated below.

Table 11-1: Scheme details Ampara Region

No	Division	Name of Scheme	Irrigable Extent (Ha)
Major Schemes			
01	Ampara	Senanayake Samudra	48,646
02	Ampara	Ambalan Oya	2,125
03	Ampara	Pannalgama	1,862
04	Ampara	Namal Oya	1,497
05	Ampara	Pallan Oya	1,416
06	Ampara	Ekgal Oya	1,012
07	Ampara	Kalugal Oya	455
08	Mahaoya	Rambaken Oya	909
09	Pottuvil	Rottai	578
10	Pottuvil	Radella	517
Medium Schemes			
11	Mahaoya	Tempittiya	170
12	Pottuvil	Lahugala	355
13	Pottuvil	Panama	210
Anicut Schemes			
14	Pottuvil	Navalaru	1,692
15	Pottuvil	Karandaoya	1,643
16	Pottuvil	Willoya	221
Total Irrigable Extent (Ha)-Ampara Region			63,308

Table 11-2: Scheme details 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 under the purview of the Region

1. Ampara Division

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

2. Akkaraipattu Division

There are 4 units (Ilukkuchenai, Deegawapi, Akkaraipattu, and Veerayadi) under Divisional Irrigation Engineer's office, Akkaraipattu. The three units are getting water from RBMC of Senanayaka Samudraya 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.

3. Kalmunai Division

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

4. Sammanthurai Division

There are six units maintained under the Divisional Irrigation Engineers Office Sammanthurai such as, Block J, Paddampitty, Unit 26, Upper Weerayadi, Moravil I and Moravil II. Under this division, Block J and Unit 26 are receiving water from Galoya LB and the other units are receiving under the 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, below table explain the irrigable area distributed under each division with respect to the units/schemes.

Table 11-3: 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

Unit	Irrigable Extent (ha)		
	Paddy	Sugarcane	Total
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

5. Mahaoya Division

There are two irrigation schemes maintained under Divisional Irrigation Engineer's office, Mahaoya. Such as, Rambukanoya and Tamiya.

6. Pottuvil Division

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

11.1.3 Details of Irrigation Schemes under the Region

Following table describe the water usage, irrigable area and the cultivated extent in 2024 seasons and the capacity of the tanks under the schemes in the Ampara Region.

Table 11-4: 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 2023/24	Yala2024	Maha 2023/2024	Yala 2024
Ampara	Senanayake Samudra	949.78	48,646	46,183	47,404	172.26	299.84
	Namaloya	52.73	1,497	1,497	1,497	7.89	9.47
	Ambalanoya	44.34	2,125	2,125	2,125	1.52	16.27
	Pallanoya	115.64	1,416	1,416	1,416	34.17	16.77
	Ekgaloya	28.99	1,012	1,012	1,012	2.12	11.44
	Pannalgama	34.04	1,862	1,862	1,862	3.49	6.96
	Kalugaloya	10.09	455	368	368	21.08	6.53
Potuvil	Radella	2.49	517	518	336	0.36	2.1
	Rottai	6.29	578	578	578	1.5	1.1
	Lahugala	3.29	355	385	367	0.31	2.7
	Panama	3.56	210	103	225	0.08	1.01
	Will oya	Anicut schemes	221	221	45	Anicut schemes	
	Karandoya		1,643	1,643	324		
	Naval aru		1,692	1,692	526		
Mahaoya	Rambukanoya	56.12	909	909	909	12.75	25
	Tempitiya	2.43	170	121	170	0.495	0.916
Total			63,308	60,635	59,163		

11.1.4 Works completed during the year



Figure 11-2: Providing of Rip-Rap Protection to Senanayaka Samudraya Bund and Improvements to Bund Road under IWWRMP



Figure 11-3: Improvement to Meegahapallama Anicut structure in Damana unit in Ampara division under CResMPA project



Figure 11-4: Improvements of structures in G 07 canal at Gonagolla Unit Ampara division



Figure 11-5: Breach filling LB & RB bunds of Moravil river in Moravil II unit in Sammanthurai division



Figure 11-6: Improvements to Sembuweli Anicut in Kalmunai division



Figure 11-7: Improvements to Damanayaya Anicut in Lahugala scheme in Pottuvil Division

11.1.5 Divisional wise Allocation Distribution

Table 11-5: Divisional wise allocation distribution

No	Description /Vote No	Allocation (Rs.) '000'					
		Ampara	Akkaraipattu	Kalmunai	Mahaoya	Pottuvil	Sammanthurai
	Departmental Votes						
01	Farmer organization Development and farm productivity & Profitability 282-2-2-0-2001-(11)-8	34	-	49	11	84	35
02	Establishment & Improvements of Unit Office 282-02-02-1-2001(11)-1	977	-	2,586	-	-	-
03	Improvements to Headworks of tanks for additional safety 282-2-2-0-2001(11)-10	2,661	-	-	1,839	-	-
04	Maintenance & Improvements to Building 282-2-2-0-2001(11)-01	1,538	1,073	2,133	414	-	-
05	Maintenance of Department circuit bungalow 282-2-2-0-2001(11)-15	999	-	-	-	-	-
06	Recovery of possession and safeguarding of departmental lands and reservations 282-2-2-0-2001(11)-11	-	-	1,283	-	-	-
07	Maintenance of Department Roads 282-2-2-0-2001(11)-05	-	-	-	2,135	1,003	-
08	Flood damaged Repairs 282-2-2-0-2001(11)-9	15,544	-	1,813	429	-	6,238
09	Management Supporting Facilities 282-2-2-0-2001(11)-12	60	50	50	50	50	50
10	Construction of Bachelor Quarters 282-2-2-0-2104(11)-1 & 2	-	-	-	-	8,748	-
11	Balance work of construction of Kalmunai DIE's office 282-2-2-0-2104(II)-08	-	-	1,079	-	-	-
12	Balance work of construction of Mahaoya DIE's office 282-2-2-0-2104(II)-10	-	-	-	7,166.581	-	-

No	Vote No and Description	Allocation (Rs.) '000'					
		Ampara	Akkaraipattu	Kalmunai	Mahaoya	Pottuvil	Sammanthurai
13	O & M Gravity Irrigation works 282-2-2-1-2001-2	126,657	50,977	30,125	13,367	28,186	42,876
14	O & M Gravity Wages 282-2-2-0-2001(II)-02	1,304	29	591	79	400	299
15	Essential Rehabilitation of major medium irrigation schemes 282-2-2-4-2001(II)-1	39,857	14,936	62,632	6,261	34,760	28,540
16	Establishment river profile in Major rivers 282-2-2-5-2105-2	2,867	-	-	-	-	-
17	Embankment Protection 282-2-2-5-2105-6	-	1,272	-	-	-	-
18	River Basing Management 282-2-2-5-2105(ii)-9	-	-	-	-	562	-
19	Community Awareness 282-2-2-5-2105(ii)-9	-	55	-	-	0	-
20	Lift and Micro Irrigation 282-2-2-0-2001(ii)-3	-	-	-	-	504	-
21	Improvement to water management and conveyance efficiency 282-2-2-1-2001-3	-	-	-	-	2,931	-
22	Maintenance and improvement to Model Farm 282-2-2-0-2001(11) - 20	-	-	-	-	500	-
Ministry Votes							
01	RMMIS 198-2-3-8-2001(11)	-	20,425	13,834	-	-	6,312

11.1.6 Projects implemented under other source of funds

a. IWWRMP

Table 11-6: Progress of the IWWRMP Project

Division	Work Description	Expenditure Rs. '000	Physical Progress
Ampara	Reconstruction of Drop structure at stn. 5+550 in main canal of Ambalanoya Scheme.	3,398.15	100%
Ampara	Reconstruction of Drop structure at stn. 5+745 in main canal of Ambalanoya Scheme.	3,338.93	100%
Kalmunai	Construction of 6 nos check regulator in Veddathu Vaikal	3,808.62	100%
Pottuvil	Construction of Drainage inlet for Meda channel STN 1+060 at Lahugala Scheme	3,581.01	100%
Pottuvil	Improvements of Kalladi canal stn from 1+900 to 2+050 in Nawalaru scheme	2,897.15	100%
Ampara	Reconstruction of morning glory spill at stn. 0+550 in UB 2/3 canal	2,302.67	100%
Akkaraipattu	Construction of check structures in AK-9 D canal, SK-1 D canal & RB-36 Drainage channel (Kooniyapala)	4,111.08	100%
Akkaraipattu	Improvements to morning glory spill in WGBC	3,226.94	100%
Sammanthurai	Construction of Visara Vaykkal T/O structure & Kochchika Lanthu Vaykkal T/O structure in Upper Weerayadi unit	3,552.28	100%
Kalmunai	Construction of 2 nos of one bay regulator in Kallarichal RBMC in UKK unit	2,016.16	100%
Pottuvil	Reconstruction of regulator at RB branch canal stn 0+950 under Panama scheme	2,493.46	100%
Mahaoya	Construction of Turn-out structure at stn 0+975 Main canal in Tampitiya scheme.	3,123.51	100%
Ampara	Improvement to Morning Glory Structure at LB 08 canal.	3,501.60	100%
Ampara	Improvement to G-10/9 canal Turnout Structure in Gonagolla unit.	2,428.21	100%
Sammanthurai	Rehabilitation of C- 15 canal in Block J unit	4,103.49	100%
Ampara	Reconstruction of morning glory spill at stn. 0+350 in UB 2/3 canal.	2,242.33	100%
Ampara	Providing of Rip-Rap Protection to Senanayaka Samudraya Bund and improvements to Bund Road (Package 01) under IWWRMP	164,125.95	65%

b. CResMPA

Table 11-7: Progress of the CResMPA Project

Division	Description of the package	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress
Akkaraipattu	Estimate for Fabrication, sand blasting & painting 4 nos of gates for regulator RBMC	2,427.68	2,427.68	100%
Pottuvil	Estimate for Fabrication, sand blasting & installation of Rottai pickup anicut & repair other gates	4,891.95	4,891.95	100%
Sammanthurai	Estimate for Fabrication, sand blasting, painting & installation of Lower Paddmpitiya anicut gates	4,445.90	4,445.90	100%
Akkaraipattu	Estimate for Fabrication, sand blasting & painting & installation 12 nos of regulator gates for panayadi, Sembukulam and Mudalaikkal	7,254.43	7,254.43	100%
Sammanthurai	Estimate for Fabrication, sand blasting & painting & installation 12 nos of gates for Udangavelly anicut in Moravil 2 unit	7,608.24	7,608.24	100%
Akkaraipattu	Reconstruction of 1.5m span, 11.5m width culvert including Retaining wall at stn 0+385 in PK-28 D canal in Illukuchenai unit	4,954.39	4,954.39	100%
Akkaraipattu	Construction of 4m span box culvert, drainage inlet & LB turnout structure in SK 04/1 drainage canal at the tail end of SK 11 Distributary canal.	2,408.74	2,408.74	85%
Akkaraipattu	Improvements to Parasayadi Anicut in Veerayadi unit	1,284.80	1,284.80	100%
Sammanthurai	Construction of box culvert in S 11-7 chl. At 0+400km in Kilivetty kandam in Block J unit	1,561.61	1,561.61	100%
Kalmunai	Construction of Regulators in Thathkaliyamveli Vaikal in Sengapadai RB Unit	2,198.20	2,198.20	100%
Kalmunai	Improvements to Anicut and offtakes in Upper Kurunal Kanji Unit	2,227.08	2,227.08	100%
Kalmunai	Construction of box culvert at end of Vammiyadimunai Channel in Sengappadi LB unit	2,749.74	2,749.74	100%
Pottuvil	Construction of Junction box at stn 0+237 in RB main canal in Radella scheme	3,135.63	3,135.63	100%
Pottuvil	Construction of Junction box cum canal lining stn from 0+980 to 1+015 in Aluthela in Willoya scheme	2,962.57	2,962.57	100%
Pottuvil	Construction of 5m width box culvert cum regulator in Kalladi channel stn at 0+425 at Karangowa in Nawalaru Scheme.	7,222.40	7,222.40	90%
Ampara	D/S Protection for trough structure at stn. 12+000 in Pallanoya main canal	2,645.49	2,645.49	90%
Ampara	Reconstruction of Culvert across EK 01 Drainage canal in Ekgaloya scheme	2,748.78	2,748.78	100%
Akkaraipattu	Improvement to RB-32 Drainage Canal in Deegawapi Unit	2,742.04	2,742.04	100%

11.1.7 “Wap Haula” Program.

Table 11-8: “Wap Haula” Program.

Nature of the Activity	Ampara	Akkaraipattu	Kalmunai	Sammanthurai	Pottuvil	Mahaoya
Number of Schemes	06	01	04	03	07	01
1.Cutivation meetings						
1.1 Pre cultivation meeting	14	02	04	06	14	02
1.2 Cultivation meeting	13	02	02	02	06	02
2.Organization Activities						
2.1 Conducting FO Election	12	03	-	07	03	01
2.2 Conducting FO Annual General meetings	18	01	06	07	14	01
2.3 Conducting PMC meetings	15	02	02	06	07	01
2.4 Preparation of FO Final Accounts	02	04	02	-	-	-
3. Capacity building						
3.1 Financial Management	04	-	-	-	-	-
3.2 Income Management etc.	04	-	-	-	-	-
4. Participatory Management						
4.1 Shramadana for clearing canal bunds	03	01	-	03	04	-
4.2 Maintenance of Farm Roads	08	-	-	03	03	-
4.3 Maintenance of drainage canals	07	05	-		03	-
5.Awareness programme						
5.1 Home gardening	-	-	-		-	-
5.2 OFC Cultivation	03	-	-	03	-	-
6.Other Activities						
6.1 Deva Puja, Pirith etc.	04	01	01	02	02	02
6.2 Surakimu ganga	01	-	-		-	-



Figure 11-8: Pre cultivation meeting in Akkaraipathu division



Figure 11-9: Vaani vizha in 2024 in Akkaraipattu division

11.1.8 Drinking water Extraction

Table 11-9: Drinking water Extraction Details

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 Social Activities



Figure 11-10: Art competition held in commemoration of River Day in Akkaraipathu division



Figure 11-11: World Environmental day-Awareness programme to sand mining workers

11.1.10 Staff Position

Table 11-10: Staff position in Ampara Region

Designation	Director of Irrigation Office		Divisional Irrigation Engineer's office											
			Ampara		Kalmunai		Sammanthura		Akkarapattu		Pottuvil		Mahaoya	
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Chief Engineer	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Irrigation Engineer	6	3	1	1	1	1	1	1	1	1	1	1	1	1
Earth Resources Engineer	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Drawing Officer Assistant	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Accountant	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Administrative Officer	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Development officer	2	3	10	5	4	7	5	7	4	5	2	2	2	1
Divisional Assistant	-	-	1	-	1	-	1	-	1	-	1	-	1	-
Engineer Assistant	-	-	24	14	9	6	11	6	14	6	11	5	6	2
IDO	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Draughtsman	7	4	4	2	3	1	3	1	3	1	3	1	3	-
Management Service Officer	15	14	5	5	5	4	5	5	5	6	5	5	5	2
Store keeper	-	-	1	1	1	1	1	1	1	1	1	1	1	-
Technical Assistant	-	-	34	15	10	9	13	10	18	10	8	6	5	4
Driver	3	2	4	-	3	1	3	-	3	-	3	-	2	2
Operator	12	-	-	1	-	-	-	-	-	-	-	-	-	-

Designation	Director of Irrigation Office		Divisional Irrigation Engineer's office											
			Ampara		Kalmunai		Sammanthura		Akkarapattu		Pottuvil		Mahaoya	
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Tractor Operator	10	-	-	2	-	-	3	-	1	-	-	2	-	1
Laborer (maintenance)	-	3	76	21	17	4	28	7	40	9	14	8	7	2
Laborer (25-2014)	10	4	20	21	10	8	14	12	16	15	4	4	13	12
O & M Laborer	10	-	-	2	-	-	-	1	-	1	-	1	-	-
Mason	2	-	-	1	-	-	-	-	-	-	-	-	-	-
Carpenter	2	-	-	-	-	-	-	-	-	-	-	1	-	-
Plan Printing /Helper	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Greaser	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Lorry Cleaner /Helper	8	-	-	-	-	-	-	-	-	-	-	-	-	-
K.K.S.	4	1	1	-	1	-	1	-	1	1	1	2	1	1
Field Watcher	1	-	1	1	1	-	1	1	1	-	1	-	1	1
Store Aide (Stores Laborer)	-	-	1	1	1	-	1	-	1	-	1	-	1	1
Welder	-	1	-	-	-	-	-	-	-	-	-	-	-	-
IWA	-	1	-	8	-	6	-	7	-	5	-	5	-	2

11.2 Anuradhapura Region

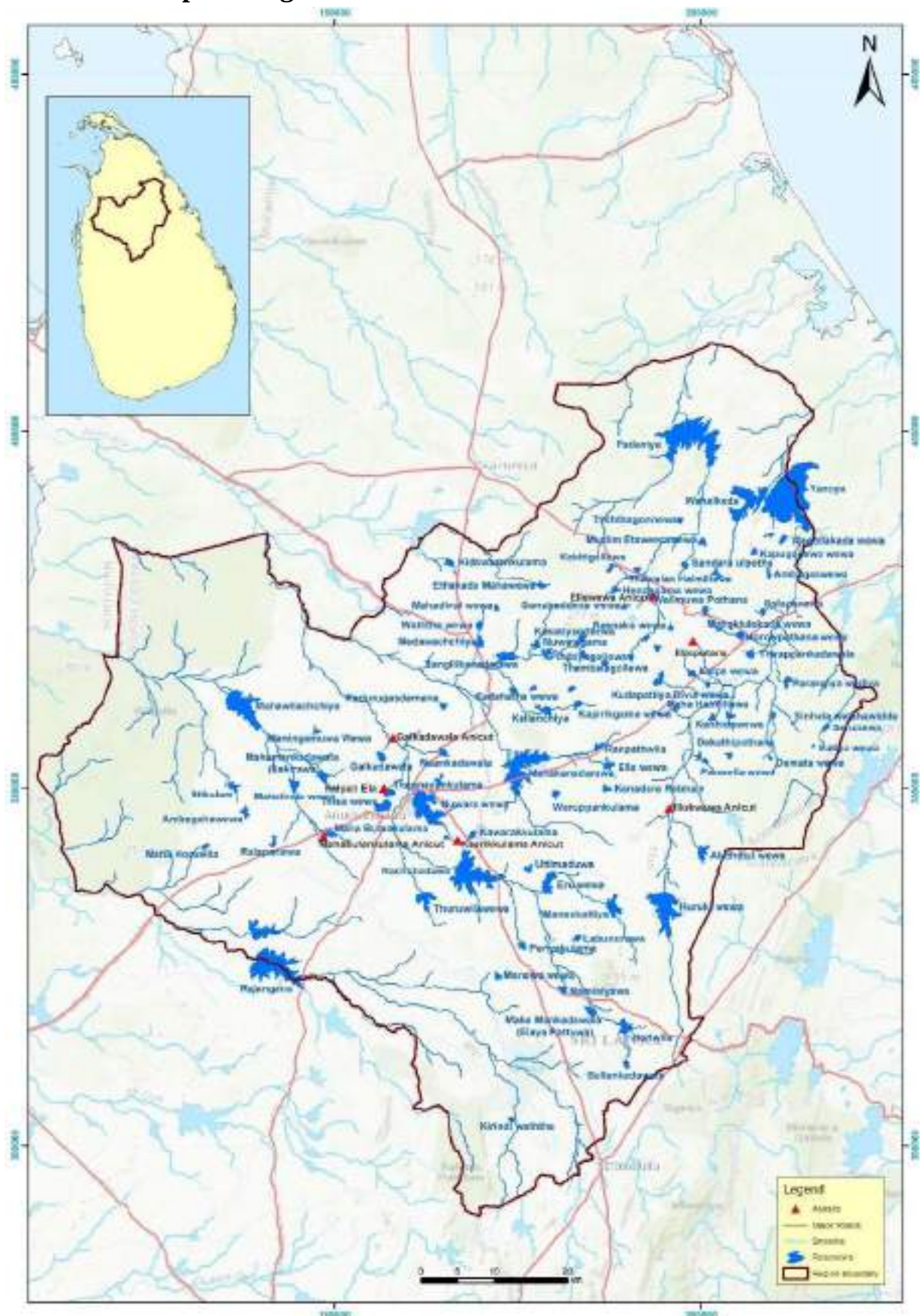


Figure 11-12: Scheme Map of Anuradhapura Region

11.2.1 Introduction

The Anuradhapura region is a significant and expansive area in the dry zone of Sri Lanka, with a vital role in irrigation. It includes a comprehensive network of 100 irrigation schemes, consisting of 13 major and 87 medium schemes, covering a substantial irrigable area of 102,198.09 acres. The entire region is under the supervision of the Director of Irrigation Anuradhapura and falls within the administrative boundaries of the Anuradhapura District.

To effectively manage the irrigation department, a strategic approach has been adopted, establishing five Irrigation Engineer Divisions. These divisions, namely Anuradhapura, Nachchaduwa, Rajanganaya, Padaviya, and Huruluwewa, are overseen by a dedicated team of technical staff. To further enhance operational efficiency and provide robust support to the farming community, these divisions are subdivided into specialized Irrigation Units.

11.2.2 Divisions under the purview of the Region

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

11.2.3 Details of Irrigation Schemes under the Region

Table 11-11: 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)	
				2023/2024 Maha	2024 Yala	2023/2024 Maha	2024 Yala
Anuradhapura	Thissawewa	4.30	365	365	365	3.30	4.14
	Nuwarawewa	44.34	1,052	1,052	1,052	5.52	15.28
	Mahawilachchiya	40.34	1,078	1,078	1,078	12.18	31.50
	Mahakanadarawa	44.58	2,469	2,469	2,469	9.51	28.69
	Basawakkulama	2.06	156	156	156	2.25	3.07
	Keerikkulama	0.85	112	112	91		
	Kawarakkulama	1.10	88	88	82		
	Thannayankulama	0.62	83	83	61		
	Periyakulama	1.66	117	117	49		
	Mahalindawewa	1.56	184	184	101		
	Kendewa	0.86	95	365	54		

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the Sluice (MCM)	
				2023/24 Maha	2024 Yala	2023/24 Maha	2024 Yala
	Maningamuwa	1.12	85	85	85		
	Uttimaduwa	1.56	123	123	124		
	Thambalagollewa	0.56	85	85	85		
	Pihimbiyagollewa	1.17	67	67	67		
	Kapiriggama	2.15	146	146	51		
	Kadurugasdamana	1.20	87	87	87		
	Mahabulankulama	Anicut	102	102	102		
	Mahabulankulama Wewa	1.59	86	86	57		
	Kokatiyagollewa	1.23	95	95	65		
	Maminiyawa	1.67	202	202	73		
	Kadahathawewa	1.44	170	170	89		
	Thalgahawewa	0.49	121	121	28		
	Mankadawala	1.47	105	105	10		
	Mahamankadawala (Ela)	2.47	253	253	142		
	Mahamankadawala (keki.)	1.70	192	192	152		
	Weruppankulama	1.01	109	109	30		
	Labunoruwa	1.30	194	194	121		
	Kallanchiya	2.64	251	251	210		
	Eruwewa & Feeder Canal	4.67	92	92	92		
	Galkadawala Wewa	2.92	142	142	142		
	Karambewa Yoda ela	-	251	251	251		
	Halpanela	Anicut	-	-	-		
Huruluwewa	Huruluwewa	67.84	4209	4209	4209	18.74	46.17
	Mannankattiya	6.14	425	425	425		
	Aluthdiulwewa	8.63	129	129	129		
	Kiulekada	10.36	324	324	324		
	Ranpathwila	2.57	108	108	108		
	Kanadara Rathmale	1.18	97	97	35		
	Mahahalmillewa	0.59	111	111	20		
	Ellewewa	2.95	148	148	148		
	Moragahadigiliya	Anicut	113	113	80		
	Rasnakawewa	0.37	134	134	36		
	Sinhala Walahawiddawewa	0.71	81	81	40		
	Welimuwapothana	1.23	109	109	109		
	Wagollakada	2.03	99	99	97		

	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the Sluice (MCM)	
				2023/24 Maha	2024 Yala	2023/24 Maha	2024 Yala
Huruluwewa	Wahagahapuwewa	0.54	181	181	181		
	Mahakiulekada	0.40	81	81	81		
	Maradanmaduwa	1.25	100	100	100		
	Thawalanhalmillewa	1.56	89	89	89		
	Kudapattiya Diulwewa	3.31	214	214	214		
	Pethiyannekada	0.82	88	88	22		
	Mahawewalkadawewa	1.61	101	101	25		
	Panwella	1.51	67	67	24		
	Kalpewewa	2.21	91	91	84		
	Kapugollewa	1.54	126	126	126		
	Pandarallewa	1.06	108	108	28		
	Horiwila	4.73	342	342	342		
	Bellankadawalawewa	0.65	87	87	87		
	Parangiyawadiya	1.85	304	304	238		
	Serunewa Mahawewa	0.76	15	15	15		
	Muslim Walahawiddawewa	0.37	196	196	6		
	Kanhindawewa	0.46	197	197	61		
	Tirappankadawala	1.51	121	121	121		
	Wadigawewa	0.53	193	193	189		
	Dematawewa	0.40	79	79	12		
	Dekathipotha	1.06	146	146	34		
	Horowpothana	0.75	152	152	30		
	Ambagaswewa	0.63	89	89	60		
	Ralapanawa	0.71	175	175	71		
Padaviya	Padaviya	104.84	3,508	3,508	3,508	34.84	13.83
	Wahalkada wewa	53.03	847	847	847	3.87	14.91
	Yan Oya (LBMC)	168.99	3071	3071	3071	32.75	56.14
	Muwaetagama	1.00	104	104	103	0.79	
	Kidawarankulama	1.40	150	150	152	1.15	
	Sangilikanadarawa	3.90	200	200	79	1.52	
	Gonuhathdena wewa	1.00	102	102	50	0.78	

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the Sluice (MCM)	
				2023/24 Maha	2024 Yala	2023/24 Maha	2024 Yala
Padaviya	Mahadiulwewa	0.74	112	112	29	0.85	
	Kirigollewa	0.06	119	119	65	0.91	
	Ellewewa Anicut	1.48	98	98	101	0.75	
	Bandaraulpotha	1.20	169	169	60	1.29	
	Handegama	1.00	147	147	35	1.12	
	Waththewewa	0.76	101	101	30	0.77	
	Aiyathigewewa	0.56	169	169	31	1.29	
	Ethakada Wewa	2.50	91	91	85	0.69	
	Medawachchiya	1.50	102	102	72	0.78	
	Kebithigollewa	1.20	109	109	60	0.83	
	Marakkala Etaweera Wewa	0.79	190	190	69	1.45	
	Thittagonewa	1.90	169	169	64	1.29	
Rajangana	Rajangana	100.70	7400	7400	7400	99.11	95.15
	Abagahawewa	0.37	90	90	90		
	Kiridiwatta	0.57	216	216	216		
	Ralapanawa	0.56	88	88	88		
	Manewa	1.4	90	90	90		
	Maha Horuwila	0.56	92	92	92		
	Ittikulama	0.52	96	96	96		
Nachchaduwa	Nachchaduwa	55.69	2,833	2833	2833	13.94	17.29
	Thuruwila & Nachchaduwa Field canal	10	551	551	551	5.07	4.85

11.2.4 Major Works completed during the year

- Operation & Maintenance works of 13 Major Tanks & 87 Medium Tanks
- Works under Block Votes & Ministry Votes
- Yan Oya project
- Improvements to Eru wewa – Mahakanadarawa Feeder Canal Project

a. Yan Oya Project

The project is located in the Anuradhapura and Trincomalee districts situated at North-East of Sri Lanka. The irrigation water resource for this project comes from Yan Oya River starting from Sigiriya traveling 90Km through Huruluwewa and Allupathana anicut to YORP Main Dam and finally drop in to 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 31/12/2024 Rs.41,953.50 Mn



Figure 11-13: RBMC & Malporuwa Resettlement



Figure 11-14: Issanwewa Main Canal

b. Improvements to Eru wewa – Mahakanadarawa Feeder Canal Project

Eru wewa – Mahakanadarawa feeder canal is used to supply water from Eru wewa to Mahakanadarawa tank which is belong to Anuradhapura Division. The main objects of the project to increase the cropping intensity of Mahakanadarawa , providing water to full fill the requirement of drinking water to the Northern Water Supply Project of NWSDB by rehabilitating the existing Eruwewa Mahakanadrawa Feeder Canal.



Figure 11-15: Improvements to Eru wewa – Mahakanadarawa Feeder Canal Project

11.2.5 Projects implemented under other source of funds

a. Wewgam Pubuduwa Project (CRIWMP)

The Climate Resilient Integrated Water Management project (CRIWMP), funded by the Climate Fund (OCT) and supported by UNDP, aims to help vulnerable farmers in three river basins—Mi Oya, Yan Oya, and Malwathu Oya in Sri Lanka's Dry Zone. The project targets areas increasingly affected by climate change, including higher temperatures and irregular rainfall. Covering seven districts, it focuses on improving village irrigation systems using the cascade approach to manage water efficiently. Initially, cascades in Anuradhapura and Vavuniya districts were prioritized to adapt to climate change and reduce water scarcity.

Table 11-12: Progress of the work

Division	Scheme	Expenditure Rs. Mn.	Physical Progress
Anuradhapura	Yoda wewa	20.87	100%
	Gal wewa	15.81	95%
	Halamba wewa	22.53	100%
	Bulu wewa	13.40	100%
	Katukeliyawa wewa	6.25	90%
	Kudapagama wewa	7.60	90%
Huruluwewa	Palukola wewa	5.93	100%
	Karamba wewa	18.09	100%
	Nika wewa	8.55	100%
	Diulgahawewa	15.89	100%
	Athapatiyawa wewa	4.69	100%
	Namal katukeliyawa wewa	4.50	100%
	Kuda kirindegama wewa	3.18	100%
Padaviya	Thalapathkulama	5.82	100%
	Palugollewa	16.26	100%
	Puhudiula wewa	25.11	100%
	Atambagaskada wewa	14.22	100%
Nachchaduwa	Makichchawa wewa	11.41	90%
	Kohombagaswewa	8.53	100%
	Diulwewa	26.35	100%
	Kalawelpothana wewa	26.38	100%
Rajanganaya	Koonwewa	10.36	100%
	Punchikulama wewa	5.92	95%
	Ellappankulama wewa	7.92	100%
	Sayanerisge Amuna	0.21	100%



Figure 11-16: Improvements the Katukaliyawa wewa



Figure 11-17: Improvements to spill at Atambagaskada tank

b. Climate Resilience Multi-Phase Programmatic Approach (CResMPA)

Table 11-13: Progress of the work

Division	Scheme	Expenditure Rs. Mn.	Physical Progress
Anuradhapura	Kallanchiya	12.88	100%
	Kokatiyagollewa	3.16	100%
	Mahamankadawala (Elayapaththuwa)	0.839	100%
	Halpanu Ela Anicut	9.753	100%
Huruluwewa	Ellapothana Anicut	0.974	100%
	LB sluice- Thirappankadawala	1.827	100%
	Spill structure Thirappankadawala	2.918	100%
	Ulpahgama	4.603	100%
	Wadigawewa	0.917	100%
Huruluwewa	Jayanthiwewa	2.144	100%
	Huruluwewa		95%
Padaviya	Moraoya Anicut	6.781	95%
	Spill cum causeway in UMC Padaviya	0.525	100%
	Re-construction Regulator at Balayawewa tank		95%
	New Regulator in LMC Padaviya	1.005	100%
	Reconstruction of D09 LB1 FC3 canal of LMC Padaviya	2.399	50%
	Drop structure at D10 in Padaviya Scheme	1.676	100%
	D33 turnout structure	2.545	100%
	Wahalkada Scheme	2.162	100%
	Kidawarankulama	3.08	100%
	Galkulama	4.312	100%
	Kirigallewa	1.021	100%
Nachchaduwa	Installation of 16nos of regulator gates of HLMC	5.397	90%
	Installation of nos of regulator gates of LMC	2.544	100%
	Diulwewa	2.466	100%
	Construction of Retaining wall	0.351	100%
	Thuruvila	5.607	90%
	Mawathawewa	3.613	40%
Rajanganaya	Improvements of CCTV system at spillgate control room in Rajanganaya scheme	2.083	100%
	Construction of Canal linin FC 23 in		

Division	Scheme	Expenditure Rs. Mn.	Physical Progress
	Rajanganaya scheme	0.559	100%
	Improvements to D1 canal in Rajanganaya Scheme	2.233	95%
	Solewewa feeder canal in Rajanganaya Scheme	1.519	90%
	Kirindiwaththa scheme	3.161	100%



Figure 11-18: Repairs to Thirappankadawala LB sluice



Figure 11-19: Con. of Drainage under crossing structure including drop Structure at CH 1+089 km at Solewewa Feeder canal LB tr.04



Figure 11-20: Improvements of Kidawarankulama Tank – Padaviya

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

The IWRMP (Integrated Water Resources Management Project) Project, funded by the World Bank, aims to improve the country's water management, focusing on irrigation, drinking water, and other needs, particularly in water-scarce areas. The project enhances river basin management and water distribution systems, promoting efficient and sustainable use of water. It also supports local communities in managing water resources, ensuring access to clean water and increasing resilience to climate impacts like droughts and floods. Ultimately, the IWRMP seeks to improve water security and contribute to sustainable development in Sri Lanka

Table 11-14: Progress of the work

Division	Scheme	Expenditure Rs. 000	Physical Progress
Anuradhapura	Kapiriggama Scheme	2.844	100%
	Kendewa Scheme	1.419	100%
	Galkadawala Scheme	3.135	100%
Huruluwewa	Illukwewa Anicut	1.149	100%
	Improvements of drop structure in D2 canal in Wahalkada Scheme	0.855	100%
	Re-construction of field access at FC9 D2 in Wahalkada scheme	1.040	100%
	Construction of drainag Inlet structure in main canal of Wahalkada scheme	0.578	100%
	Padaviya Scheme	3.145	100%
	Muwatagama Scheme	0.228	100%
	Handegama Scheme	0.172	90%
Nachchaduwa	Rathmalwetiya Scheme	2.532	100%
	Nachchaduwa high level main canal	2.856	100%



Figure 11-21: Improvements to LBMC Ralapanawa scheme



Figure 11-22: Improvements to handrail in Illukwewa Anicut to increase safety, Huruluwewa Division

11.2.6 Divisional Wise Allocation Distribution

Table 11-15: Divisional wise allocation distribution

Vote No. / Description	Allocation (Rs.) '000					
	DI-Office	Anuradhapura	Padaviya	Huruluwewa	Rajanganaya	Nachchaduwa
Departmental Votes						
282-2-2-0-2001-1 Maintenance & Improvement to Building.	-	500	750	450	3,299	900
282-2-2-0-2001-2 O & M of Gravity Irrigation Works (Wages)	-	-	300	300	300	300
282-2-2-0-2001-3 Maintenance of Lift Irrigation Works	-	-	-	-	460	-
282-2-2-0-2001-5 Maintenance of Departmental Roads	81	1,436	933	1,573	967	491
282-2-2-0-2001-7 Electrical & Electro Mechanical Installation	116	-	-	-	-	-
282-2-2-0-2001-8 Farmer Organization Development and Farm Productivity & Profitability	41	300	191	575	70	24
282-2-2-0-2001-9 Flood Damage Repairs	463	6,934	2,391	5,508	11,197	-
282-2-2-0-2001-10 Improvements to Head Works of Tanks for Additional Safety	201	3,663	1,366	2,096	2,263	-
282-2-2-0-2001-12 Management Support Facilities	230	60	60	60	60	-
282-2-2-0-2001-14 Protection of upper catchment & watershed		-	-	100	-	-

Vote No. / Description	Allocation (Rs.) '000					
	DI-Office	Anuradhapura	Padaviya	Huruluwewa	Rajanganaya	Nachchaduwa
282-2-2-0-2001-15 Maintenance of Department circuits bungalows	20	500	400	500	300	1,799
282-2-2-0-2001-16 Improvements to spill tail canal drainage system in irrigation scheme	60	875	786	-	1,182	863
282-2-2-0-2001-19 Improvements to Feeder canal	22	-	-	-	982	1,124
282-2-2-0-2001-20 Maintenance and Improvements to model farm Technical Investigation		-	-	-	500	-
282-2-2-0-2002-1 Repairs to plant Machinery Equipment.	800	-	-	-	-	-
282-2-2-0-2003 Repairs to Vehicle		-	-	-	-	-
282-2-2-0-2104-3 Improvements to Mechanical Workshop	72	3,928	-	-	-	-
282-2-2-0-2507-8-1 Feasibility Studies for Major, Medium Irrigation Projects and Surveys/Soil/Geo Technical Investigation	450	-	-	-	-	-
282-2-2-0-2507-9-7 Calibration and Water management Studies	-	-	93	-	-	-
282-2-2-0-2507-010-1 Repair of Computer peripherals	700	-	-	-	-	-
282-2-2-1-2001-1 Establishment & Improvement of Unit Office	104	1,629	1,438	3,968	337	854
282-2-2-1-2001-2 O & M Gravity Irrigation Works	7,973	79,020	59,785	58,254	32,371	17,094

Vote No. / Description	Allocation (Rs.) '000					
	DI-Office	Anuradhapura	Padaviya	Huruluwewa	Rajanganaya	Nachchaduwa
282-2-2-1-2001-3 Improvements to Water Management and conveyance efficiency	9	800	485	1,250	-	3,489
282-2-2-4-2001 Essential Rehabilitation of Major Medium Irrigation Scheme(ERMMIS)	2,309	44,076	31,011	24,808	5,044	21,423
282-2-2-5-2105-2 Establishing River Profile in Major Rivers	18	-	982	-	-	-
282-2-2-5-2105-5 Community Awareness	105	-	-	-	-	-
282-2-2-5-2105(ii)-6 Embankment Protection	145	4,910	3,788		-	-
282-2-3-5-2105 Yan Oya Reservoir Project	2,002,759	-	562,713	104,049	-	-
282-2-3-41-2105 Eruwewa Mahakanadarawa Feeder canal Project	109,347	405,637	-	-	-	-
Ministry Votes						
198-2-3-8-2001-2 Rehabilitation of Major , Medium Irrigation Schemes including emergency infrastructure rehabilitation works-Infrastructure	56,498	11,258	25,615	5,262	-	-
160-2-3-138-2509-13 Healthy Landscape Project	-	-	-	3,275	-	-

11.2.7 Wap Haula” Program.

Table 11-16: “Wap Haula” Program

Division Nature of the Activity	Anuradhapura	Huruluwewa	Padaviya	Nachchaduwa	Rajanganaya
Number of Schemes	25	35	16	01	06
1. Cultivation Meetings					
1.1 Pre Cultivation meeting	50	70	32	02	06
1.2 Cultivation Meeting	50	70	32	02	06
2. Organizational Activities					
2.1 Conducting FO Election	-	33	-		06
2.2 Conducting FO Annual General meetings	02	34	-		06
2.3 Conducting PMC meetings	75	55	32	03	06
2.4 Preparation of FO Final Accounts	06	34	-	01	06
3. Capacity building					
3.1 Financial Management	01	-	-	-	06
3.2 Income Management etc..	-	-	-	-	06
4. Participatory Management					
4.1 Shamadana for clearing canal bunds	10	31	-	-	12
4.2 Maintenance of Farm Roads	-	16	06	01	03
4.3 Maintenance of Drainage canals	-	14	-	-	04

11.2.8 Drinking Water Extraction

Table 11-17: Drinking Water Extraction

Water Supply Scheme	Reservoir	Extracted Amount m³ 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	9000	3.285
Angamuwa (TGDWSP) (NWS&DB)	Angamuwa	Proposed	
Mahakanadarawa (NWS&DB)	Mahakanadarawa	3550	1.295
Yanoya	Yanoya	Proposed	

11.2.9 Social Activities

Annual Pirith

The Annual Pirith ceremony is a significant cultural and religious event that aims to invoke blessings for the well-being of the community and the successful management of water resources



Figure 11-23: Annual Pirith Programme



Figure 11-24: Posen Dansala



Figure 11-25: Blood Donation Program
Held on DIE's Office Padaviya



Figure 11-26: Blood Donation Program Held on
DIE's Office Huruluwewa

11.2.10 Staff Position

Table 11-18: Staff position in Anuradhapura Region

No	Designation	DI Office		Divisional Irrigation Office									
				Anuradhapura		Padaviya		Huruluwewa		Rajanganaya		Nachchaduwa	
		Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
1	Director of Irrigation	1	1	-	-	-	-	-	-	-	-	-	-
2	Chief Engineer	2	2	-	-	-	-	-	-	-	-	-	-
3	Divisional Irrigation Engineer	-	-	1	1	1	1	1	1	1	1	1	1
4	Irrigation Engineer	5	3	-	-	-	-	-	-	-	-	-	-
5	Accountant	1	1	-	-	-	-	-	-	-	-	-	-
6	Administrative Officer	1	1	-	-	-	-	-	-	-	-	-	-
7	Draughtsman	1	1	-	-	-	-	-	-	-	-	-	-
8	Divisional Assistant	-	-	1	1	1	1	1	1	1	1	1	1
9	Institutional Development officer	1	1	-	-	-	-	-	-	-	-	-	-
10	Engineering Assistant	-	-	17	14	12	9	20	9	11	5	7	4
11	Development Officer	2	3	5	4	5	3	6	4	5	3	2	3
12	Draughtsman	7	1	3	1	3	-	3	1	2	2	2	1
13	Management Service Officer	15	15	5	6	5	3	5	7	5	6	5	5
14	Technical Assistant	-	-	13	10	13	6	15	9	13	5	7	5
15	Store Keeper	-	-	1	1	1	1	1	-	1	1	1	1
16	Store Helper	-	-	1	1	1	1	1	-	-	-	1	1
17	Work Supervisor	-	-	-	-	-	1	-	-	-	-	-	-
18	Driver	4	4	5	6	5	1	5	5	4	3	4	2
19	Operator	12	-	-	02	-	-	-	-	-	-	-	-
20	Tractor Operator	10	-	-	-	-	-	-	2	-	1	-	-
21	Labourer	-	10	26	35	20	18	29	31	54	31	19	23
22	Mason	-	-	-	-	-	-	-	-	-	1	-	-
23	K.K.S	2	2	1	1	1	-	1	2	-	1	1	-
24	Greaser	4	-	-	-	-	-	-	-	-	1	-	-
25	Watcher	1	-	1	-	1	-	1	-	-	1	1	-
26	Lorry Assistant	-	-	2	1	1	-	1	-	1	-	1	-
27	Circuit Bungalow Keeper	-	-	1	1	1	-	1	1	1	1	1	1

11.3 Badulla Region

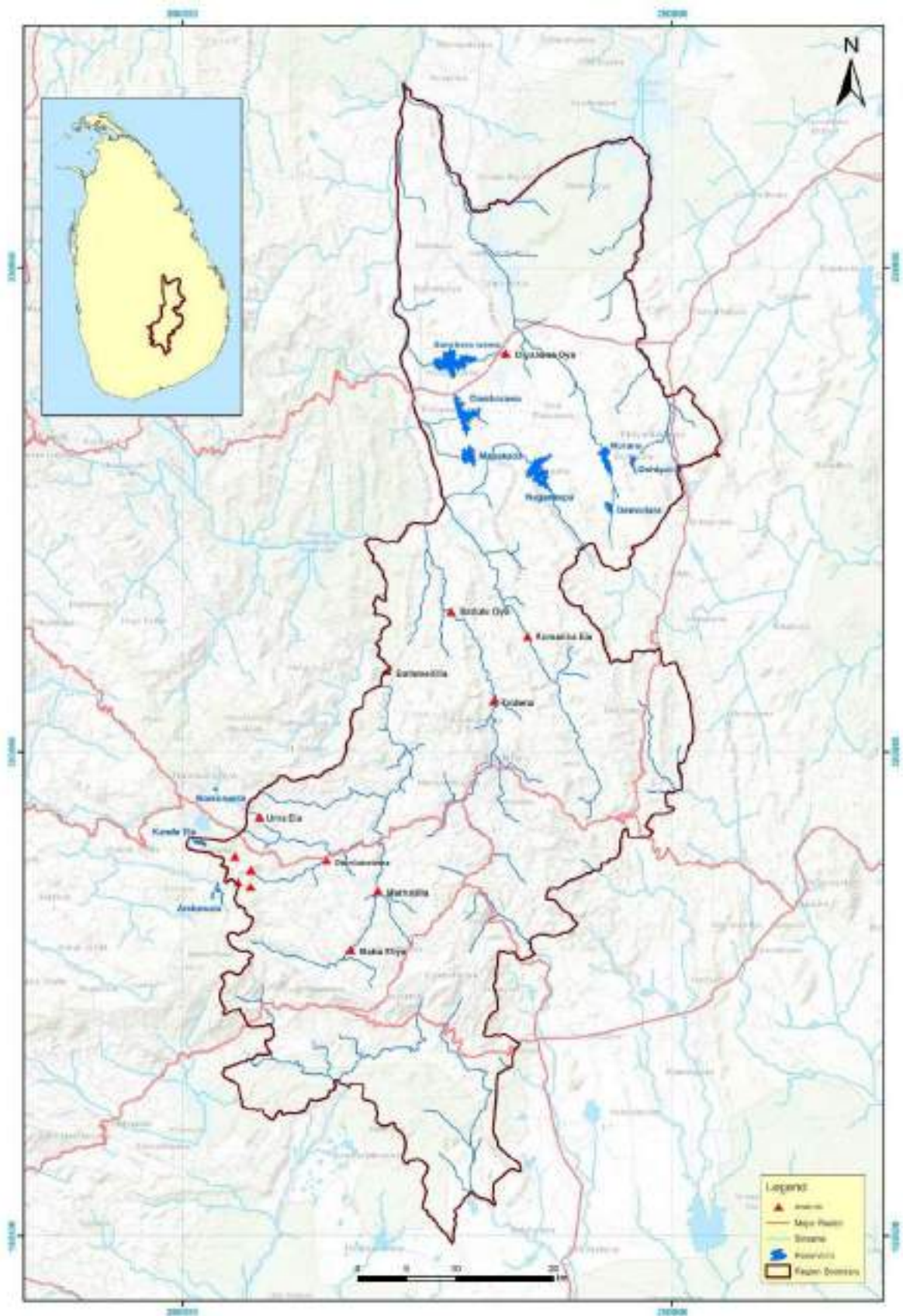


Figure 11-27: Scheme Map of Badulla Region

11.3.1 Introduction

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

There are 18 irrigation schemes maintained by Irrigation Department, out of which 10 reservoir schemes and 8 Anicut schemes. All schemes fall into Mahaweli river basin. Largest reservoir maintained by the Badulla region is Nagadeepa reservoir, which has a capacity of 23,833 ac.ft.

Total Surface Water Storage in the Region is 102.46 MCM and Command area under 18 irrigation Schemes is 9284 Ha.

11.3.2 Details of Irrigation Schemes under Region

Table 11-19: Details of the Irrigation Schemes under Region

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha.)	Cultivated Extend (Ha)	
				Maha	Yala
Badulla	Ambewela	2.42	407	407	407
	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	567
	Komarika ela	N/A	850	850	850
Mapakada	Mapakadawewa	9.5	608	608	608
	Dambarawa	15.92	608	608	608
	Sorabora	20.72	810	810	810
	Nagadeepa	29.39	1700	959	1700
	Dehigama	2.20	101	101	101
	Demodara	2.28	182	182	182
	Diyabana oya	N/A	324	324	324
	Morana	16.5	243	243	-

11.3.3 Major Works completed during the year

a. Improvement to Nagadeepa Feeder Canal

Improvements to Nagadeepa feeder canal project is introduce to complete the balance works remains from the Morana Reservoir project.

Table 11-20: Progress details of Improvement to Nagadeepa feeder canal

Description	Division	Allocation Rs.	Expenditure Rs.	Physical Progress
Improvement to Nagadeepa feeder canal	Mapakada	51,291,682	45,751,247	100%



Figure 11-28: Land Levelling of Lots under D4 and D5 canal



Figure 11-29: Desilting in LB Main canal
6+000km 12+000km

b. Major Works carried out under Block Votes

Mapakada Division



Figure 11-30: Improvements to canal bund road
from 3+000 to 3+750 LBMC in Mapakada
Scheme / Roads



Figure 11-31: Rehabilitation of Sorabora unit
office / Unit Office



Figure 11-32: Planting “Dragon fruit” farm in Irrigation camp area / FOD



Figure 11-33: Construction of Retaining walls of 25m,21m and 20m long at 3+840 in RBMC in Mapakada Scheme / FDR



Figure 11-34: Improvements to spill in Dambarawa Scheme / Head Works



Figure 11-35: Improvements to RB and LB sluice houses in Dambarawa Scheme / Head Works

Kandekatiya Division



Figure 11-36: Improvements to canal spill 0+810 km in Komarika ela Scheme / WM



Figure 11-37: Improvement of approach canal in wewpitiya wewa / ERMMS



Figure 11-38: Construction of canal lining at 11+600 in main canal in Komarika ela scheme / ERMMS



Figure 11-39: Repairs to Baduluoya Unit Office in Kandaketiya division / Unit Office

Badulla Division



Figure 11-40: Construction of spill gate at 0+744Km in Kande ela Scheme / FDR



Figure 11-41: Repairs to Unit Office at Thaldena Scheme. / Unit Office



Figure 11-42: Construction of 72m long canal lining with construction of 15m long gabion toe wall at 1+500 Uma ela Scheme / ERMMS



Figure 11-43: Removing silt deposits, common excavation in Deiyannewela near bridge in Badulu Oya / Establishing River Profile



Figure 11-44: Removing silt deposits and common excavation in Ekanayaka mawatha near bridge (Egodagma) / Establishing River Profile

11.3.4 Divisional wise Allocation Distribution

Table 11-21: Allocation Distribution

Vote No. & Description	Allocation (Rs) '000			
	DI's Office	Badulla	Mapakada	Kandaketiya
Departmental Votes				
282-2-2-0-2001(11) -1 Maintenance and Improvements to Building	-	2,950	4,000	-
282-02-02-1-2001(11)-1 O&M Gravity Irrigation Works	3,527	28,757	43,752	17,040
282-2-2-0-2001-5 Maintenance of Department Roads	-	-	5,400	-
282-02-2-0-2001(11)-10 Flood Damage Repairs	-	8,500	8,250	5,700
282-02-02-0-2001(11)11 Recovery Possession & Safeguard of Department Lands & Reservation	-	151	800	2,300
282-2-2-0-2001 -12 Management supporting Facilities	70	60	60	50
282-2-2-1-2001(11)-1 Establishment and improvement of unit Office	-	941	1,108	3,967
282-2-2-0-2001(11)-8 Farmer organization Development & Farm Productivity	-	263	693	22
282-02-2-4-2001(11)-2 Essential Improvements & Rehabilitation of Major & Medium Irrigation Schemes	-	21,632	41,560	30,600
282-2-2-5-2105-2 Establishing River Profile in major Rivers	-	6,839	-	-

Vote No. & Description	Allocation (Rs) '000			
	DI's Office	Badulla	Mapakada	Kandaketiya
282-02-2-0-2001-(11)-07 Electrical & Electromechanical Installation	-	-	163	-
282-02-02-0-2001-(11)-10 Improvements to head works of tanks for additional safety	-	-	2,279	-
282-2-2-0-2507-11-010-6 Land and Legal Matters	-	84	42	-
282-02-2-01-2001(11)-3 Improvements to water management conveyance efficiency	-	-	-	5,232
282-2-2-5-2105-5 Community Awareness	-	50	145	-
282-2-2-5-2105(II)-08 Clean River Programme	-	-	-	3,500
282-2-2-5-2105(II)-6 Embankment Protection	-	5,423	-	-
282-2-2-0-2507-11-009-2 Land Use Studies	-	-	-	800
282-2-2-0-2507-11-008-5 Land Use Studies	-	-	-	727
282-02-02-006-2105-1 Land acquisition & other expenditures related to Departmental Lands	-	20,507	-	-
282-02-03-13-2105(II) Morana Reservoir Project	-	-	48,136	-
Ministry Votes				
198-02-03-0-2001 Irrigation Management Division	-	-	721	-
198-02-03-08-2001(11) RMMIS	-	13,756	12,864	7,947
198-02-52-2506(II) Improvement to Nagadeepa Feeder Canal	-	-	51,291	-

11.3.5 Projects implemented under other source of funds

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

The Integrated Watershed and Water Resources Management Project (IWWRMP) is a World Bank project, which is executing by Ministry of Irrigation. This project mainly focuses on restoration and protection of selected watersheds and rehabilitation or modernization of tanks and downstream improvement in view of minimization of the inefficiencies in selected irrigation systems. The project approach is expected to be undertaken as the tasks of priorities through a climate change adaptation with enhanced resilience to adverse shocks.

Table 11-22: IWWRMP Progress

Division	Work Description	Physical Progress
Mapakada	Improvements to Arawaththa Tank Bund in Nagadeepa Scheme	100%
Mapakada	Rehabilitation of Nagadeepa tank bund	90%



Figure 11-45: Improvements to Arawaththa Tank Bund in Nagadeepa Scheme



Figure 11-46: Rehabilitation of tank bund, Sluice in Nagadeepa tank.

b. Integrated Watershed and Water Resources Management Project (IWWRMP) – Irrigation Rehabilitation Activities-Repurposing

Table 11-23: IWWRMP-Repurposing Progress

Division	Work Description	Physical Progress
Kandaketiya	Improvements to Poossa ela anicut Gates in Bathmedilla Scheme	100%
Mapakada	Repairs to spill structure in Thissapura tank	100%
Kandaketiya	Improvements to FC 07 in Komarika Ela scheme	100%
Mapakada	Improvements to the LB Main Canal from 0+000 to 0+025 in Morana Scheme	100%
Kandaketiya	Improvement canal spill at 8+765 in LBMC in Bathmedilla scheme	100%

Kandaketiya	Improvements to Buduruwawa spill at 2+750 in main canal in Baduluoya scheme	100%
Mapakada	Desilting & Removal of water weeds in Arawaththa Tank	100%
Badulla	Construction of canal lining with Drop structure at 15+900 and 30m long canal lining at 15+735 in main canal in Uma ela scheme	100%
Mapakada	Reconstruction of 06 no.of 150mm dia turnout structures at 0+321, 1+663, 2+131, 2+414, 2+989, 3+085 in LBMC in Diyabanaoya	100%
Badulla	Desilting at 0+000 to 12+000 in Mathatilla Main canal	100%
Badulla	Re - Placing sluice gates in Ambewela Tank	100%



Figure 11-47: Removing water weeds in Arawaththa tank in Nagadeepa scheme

d. Climate Resilience Multi-Phase Programmatic Approach (CResMPA)

The Climate Resilience Multi-Phase Programmatic Approach (CResMPA) is funded by the International Bank for Reconstruction and Development (The World Bank) and executed by the Ministry of Irrigation. The project aims to ensure direct benefits to the vulnerable communities in major, medium and minor irrigation schemes and urban and semi-urban areas where these communities were hard hit due to the impact of the chemical fertilizer importation banning and thereafter the economic crisis prevailed in Sri Lanka.

Table 11-24: CResMPA Progress of selected works

DSD	Work Description	Physical
Kandaketiya	Improvements to RB canal at 6+220 in Medaela	100%
Kandaketiya	Improvements to Medala trough at 1+615	85%
Kandaketiya	Improvements to FC 1/RBMC	100%
Mahiyanganaya	Improvements to 20m long retaining wall at 1+230 km in LBMC in Dambarawa Scheme	100%
Welimada	Cons. Of canal lining from 0+300 to 0+400 in Main Canal	100%
Mahiyanganaya	Improvements to 1+034 canal spill in LBMC in Sorabora Scheme	90%
Ridimaliyadda	Improvements to FC 24 in Dehigama Scheme	80%
Ridimaliyadda	Improvement of Bibiligamuwa main canal	100%
Soranathota	Development of Bulugahawatta canal	100%
haliela	Construction of Diyaulpotha anicut and canal	100%
Badulla	Construction of retaining wall of Hingurugamuwa canal and concreting 200 m canal	100%

DSD	Work Description	Physical
Haldummulla	Concreting Thorawela canal and anicut in Lemasthota GN division	100%
Meegahakivula	Concreting canal from Loggallaoya to Karavila landa yaya	100%
Haputale	Rehabilitation of Galakubura Anicut and construction of canal retaining wall and improvement of 2 km canal	100%
Passara	Rehabilitation of Valgolla Mahawela canal	100%
Uvaparanagama	Construction of retaining wall for Hagiliella main canal	100%
Ella	Development of pallevela canala	100%
Haldummulla	Construction of laying PVC pipes at Kelipanawala in Koslanda	100%
Badulla	Removing silt deposits and common excavation of badulla oya in kahatadanthanna in Rabukpotha	100%
Ridimaliyadda	Desilting of Edalgawela tank	100%
Badulla	Rehabilitation of Pahala sirimalgoda central canal	100%
Haldummulla	Concreting 6 km of Avukana canal in Uvathanna GN division	100%
Bandarawela	Improvement of main canal from Dadugala outlet	100%
Mahiyanganaya	Rehabilitation of Kudagala yaya sluice	100%
Meegahakivula	Development of Kudaoya Anicut and canal	100%
Haputale	Restoration of 2 km length canal landslide section and construction of Medawela U canala	100%
Lunugala	Concreting Idamewela Canal	100%
Kandaketiya	Rehabilitation of Kabalketiya canal and retaining wall (80 m)	100%
Uvaparanagama	Construction of Lock hill drains for Halliyadda canala	100%
Ella	Construction of damaged section (80 ft) of Gage Arawa canal anicut	100%
Uva	Hagiliella canal construction	100%
Ridimaliyadda	Improvement to Field canal of Manugawela anicut	100%
Mahiyanganaya	Improvements to D1 & D2 Canal regulator gates, canal spill gates at 1+250 of LBMC and 2 Nos gates at D3 canal of LBMC of Sorabora wewa, Mapakada Division, Bandarawela	100%
Mahiyanganaya	Improvements to gates at Tract 6,D2 of Nagadeepa scheme Bandarawela	100%
Mahiyanganaya	Improvements to LB,RB and UT gate,Diyabana oya, Bandarawela	100%
Mahiyanganaya	Fabrication and Installation 03Nos of Regulator Gate at Dambarawa Main Canal	100%
Kandaketiya	Fabricating spill gates and repairing turnout gates in Bathmedilla anicut scheme,kandaketiya Division,Bandarawela	100%
Kandaketiya	Fabricating spill gates and repairing turnout gates in Baduluoya anicut scheme,kandaketiya Division,Bandarawela	100%



Figure 11-48: Concreting 6Km of Avukana canal in Uvathanna



Figure 11-49: Development of Bulughawatta Canal



Figure 11-50: - Improvements to Main canal from Loggal Oya to Karavilalanda yaya at Meegahakiula



Figure 11-51: Rehabilitation of Karabalketiya Canal and Retaining wall (80m) at Wewathenna



Figure 11-52: - Construction of Trough at 1+615 of Meda ela in Bathmedilla scheme



Figure 11-53: Improvements to FC 24 in Dehigama scheme

11.3.6 “Wap Haula” Program

Table 11-25: “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	15	6	2
1.2 Cultivation Meeting	14	6	2
2. Organizational Activities			
2.1 Conducting FO Election	23	-	2
2.2 Conducting FO Annual General meetings	27	3	16
2.3 Conducting PMC meetings	38	-	4
3. Capacity building			
3.1 Financial Management	05	✓	✓
3.2 Income Management etc.	03	✓	✓
4. Participatory Management			
4.1 Shramadana for clearing canal bunds	21	✓	✓
4.2 Maintenance of Farm Roads	04	✓	✓
4.3 Maintenance of Drainage canals	02	✓	✓
5. Awareness programme			
5.1 Home gardening	03	✓	✓
5.2 OFC Cultivation	03	✓	✓

11.3.7 Drinking Water Extraction

Table 11-26: Drinking water Extraction Details

Water Supply Scheme	Reservoir	Extracted Amount	
		m³ /Day	Annual MCM
Kande ela	Gelnoky Anicut	3000	1.095
Uma ela	Bomuru ella	2250	0.809
Mahaeliya	Mahaeliya Anicut	1500	0.548

11.3.8 Social Activities



Figure 11-54: Awareness programme on world Water day for School Children



Figure 11-55: Awareness programme on world Environment day for School Children

11.3.9 Staff Position of the Region

Table 11-27: Staff position in Badulla Region

No	Designation	DI Office		Divisional Irrigation Engineer's Office					
				Badulla		Kandaketiya		Mapakada	
		Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
1	Director of Irrigation	1	1	-	-	-	-	-	-
2	Chief Engineer	1	1	-	-	-	-	-	-
3	Irrigation Engineer(Civil)	3	1	1	1	1	1	1	1
4	Earth Resources Engineer	1	1	-	-	-	-	-	-
5	Accountant	1	1	-	-	-	-	-	-
6	Administrative Officer	1	1	-	-	-	-	-	-
7	Drawing Office Assistant	1	-	-	-	-	-	-	-
8	Divisional Assistant	-	-	1	1	1	1	1	1
9	Institutional Development Officer	1	-	-	-	-	-	-	-
10	Development Officer	1	2	3	5	3	2	4	2
11	Development Assistant	-	-	1	-	-	-	-	-
12	Engineering Assistant	-	-	11	8	10	3	13	7
13	Draughtsman	4	3	2	1	2	-	2	2
14	Mechanic (Basic)	-	-	-	-	-	-	-	-
15	Public Management Assistant	15	17	5	7	5	4	5	4
16	Store Keeper	-	-	1	-	1	1	1	1
17	Technical Aide (Civil)	-	-	6	10	4	6	5	8
18	Drivers	3	2	3	5	3	4	3	6
19	Operator	*12	-	-	4	-	-	-	3
20	Tractor Operator	*7	-	-	3	-	2	-	8
21	Meson	*1	1	-	-	-	-	-	-
22	Carpenter	*1	2	-	1	-	-	-	-
23	Circuit Bungalow Keeper	*2	1	-	1	-	-	-	-
24	Store Aide	-	2	1	3	1	1	1	1
25	Electrician	-	1	-	-	-	-	-	-
26	Plan Printer/ Helper	*1	-	-	-	-	-	-	-
27	Greaser	*3	-	-	2	-	-	-	1
28	Lorry Helper	-	1	-	1	-	-	-	1
29	KKS	4	3	1	2	1	1	1	1
30	Field Watcher	1	1	1	3	1	2	1	-
31	Laborer	6	-	-	1	-	-	-	-
32	25/2014 Laborer	17	9	27	24	16	13	23	20
33	O& M Labours	-	2	12	7	7	7	11	9
34	Laboratory Laborer	-	-	-	1	-	-	-	-
35	Laboratory Attendant	-	1	-	-	-	-	-	-
36	Water Pump Operator	-	-	-	1	-	-	-	-
37	Department Helper	-	1	-	1	-	5	-	14

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

11.4 Batticaloa Region

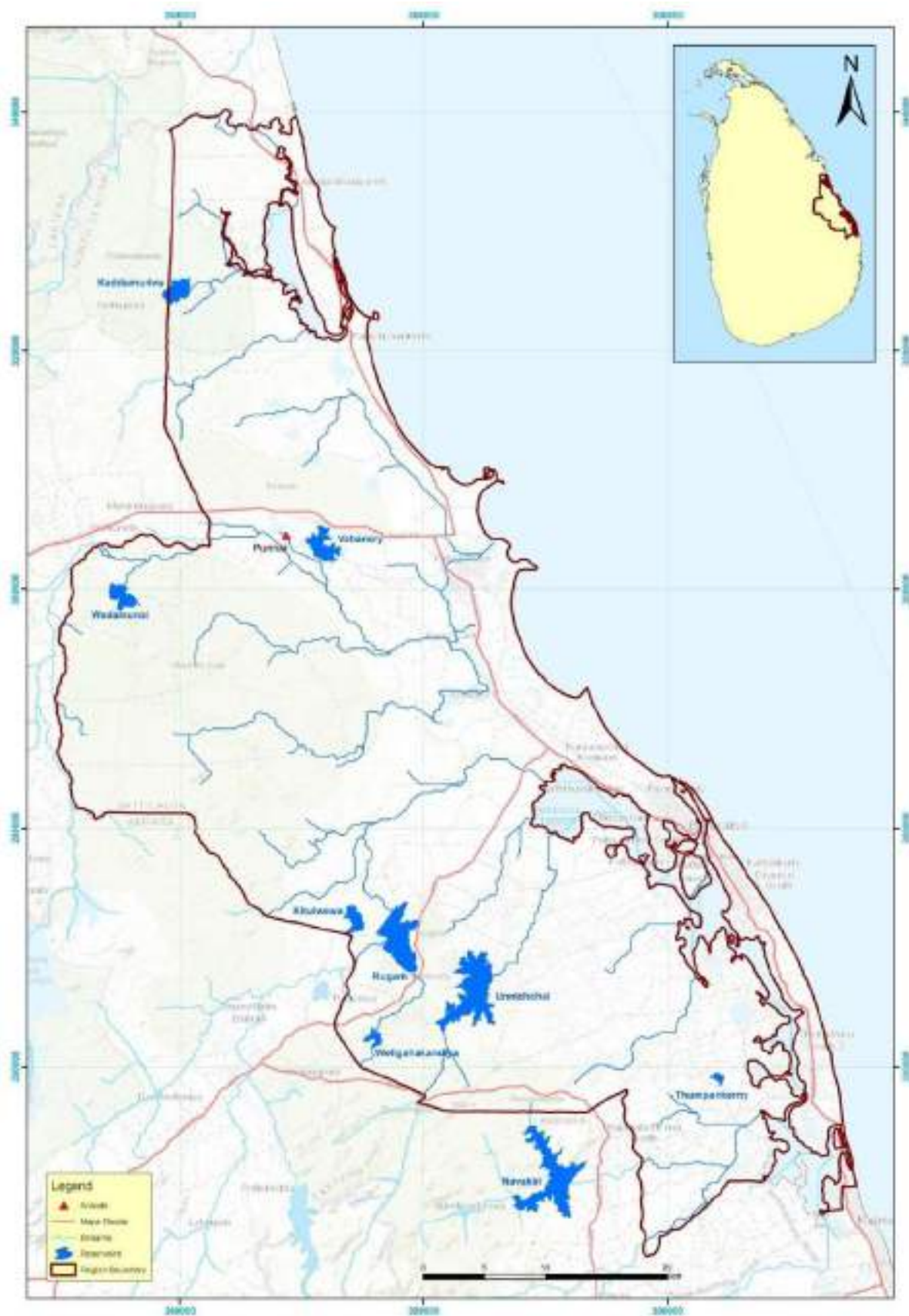


Figure 11-56: Scheme Map of Batticaloa Region

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 under the purview of the Region

Rugam Division

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

Table 11-28: Details of the Irrigation Schemes under the Region

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the sluice (MCM)	
				Maha 2023/2024	Yala 2024	Maha 2023/2024	Yala 2024
Rugam	Unnichchai	67.84	6228	6606	4876	16.9	57.2
	Rugam	22.93	3947	4627	3560	2.0	13.9
	Vahanery	16.65	3983	4193	3726	7.2	27.0
	Weligahakandiya	1.83	186	202	202	0.1	3.5
	Kithulwewa	5.18	405	495	223	0.6	1.1
	Wadamunai	5.55	214	223	153	0.1	0.4
	Kaddumurivu	5.80	445	445	4452	1.6	6.5
	Punanai	-	1204	1488	1259	2.7	3.2
Navakiri	Navakiri	65.40	7446	7446	6497	39.9	50.3
	Thumbankerny	1.50	271	271	109	0.21	0.41

11.4.4 Major Works completed during the year

Table 11-29: Progress of the main works completed under the block votes in 2024

Vote	Item	Division	Estimated Cost (000')
Essential Rehabilitation of Major Medium Irrigation Schemes	Reconstruction of bridge along Unit 38 & 40 connecting road at Stn 0 +594 in Navakiri scheme in Navakiri Division	Navakiri	5,100
	Service and repair to Mavadiodai anicut gates in Rugam Division	Rugam	9,360
	Improvements to Kalvaddai Anicut RB inlet channel	Navakiri	8,410
	Improvement to LB -36-D channel from stn 0+350 to Stn 0+530	Navakiri	4,710
	Improvement to T-9 drainage canal (Pallavaikal) in Navakiri Scheme	Navakiri	4,470
	Construction of Regulators along Sanmugarajah sub supply chl. At stn 0+385,0+765 & 1+050 in Navakiri scheme	Navakiri	4,260
	Reconstruction of Thumpalai Thikkodai connecting causeway at stn 0+404	Navakiri	10,820
	Construction of Amparaipillayar regulator cum bridge in Thikkodai puthuvaddai Kandam	Navakiri	6,000
	Improvements to Muruthanai offtake channel in Punanai scheme	Rugam	5,500
	Improvements to Kithulwewa LB main channel from stn.0+000 to stn.2+005 in Kithulwewa scheme	Rugam	14,450
Rehabilitation of Major Medium Irrigation Schemes	Improvements to Navaladichenai farm road in Unnichchai scheme	Rugam	1,363
	Improvements to Seenthipalakaikattu Regulator in Unnichchai scheme	Rugam	5,917
	Construction of Naasivanvelly regulator in Kallathu drainage channel in Unnichchai scheme	Rugam	10,100
	Rehabilitation of Thumpankerny tank bund from Stn, 0+000 to stn. 0+650 in Thumpankerny scheme	Navakiri	6,740
	Improvements to LB -40 channel from 0+000 to 0+625	Navakiri	4,130
Improvements to Department Roads	Repairs painting and installation of Vahanery tank RB sluice gate with hoisting mechanism	Rugam	1,950
Improvements to water management and conveyance efficiency	Providing gate arrangement to Mangalamadu offtake	Rugam	800
	Clearing bottle necks of Kanthakudamadu River from Thumpalai anicut to Puthuwattai anicut in Navakiri Scheme	Navakiri	5,200
Establishing River Profile in Major Rivers	Widening & Straightening of Sillikody River from Stn 6+375 to Stn 7+525 of Navakiri scheme	Navakiri	5,380
Embankment Protection	Improvements to Ithiyadi anicut & LB flood bund in Navakiri Scheme	Navakiri	8,030
	Improvements to RB downstream production in Kalvaddai Anicut in Navakiri Scheme	Navakiri	12,780
	Improvements to LB downstream production in Kalvaddai anicut in Navakiri Scheme	Navakiri	10,640
FO Development & Farm productivity	Waphaula Programme -2024 Farmers' Organization Development & Farm productivity and Profitability.	Navakiri	148



Figure 11-57: Service and repair to Mavadiodai anicut gates in Rugam Division



Figure 11-58: Improvements to Wattawala anicut supply channel and Improvements to LB bund of Wattawala anicut



Figure 11-59: Improvement to LB -36-D channel from stn 0+350 to Stn 0+530 in Navakiri scheme



Figure 11-60: Improvement to T-9 drainage canal (Pallavaikal) in Navakiri Scheme



Figure 11-61: Construction of Regulators along Sanmugarajah sub supply chl. At stn 0+385,0+765 & 1+050 in Navakiri scheme



Figure 11-62: Reconstruction of Thumpalai Thikkodai connecting causeway at stn 0+404 in Navakiri scheme



Figure 11-63: Improvements to Muruthanai offtake channel in Punanai scheme



Figure 11-64: Improvements to Kithulwewa LB main channel from stn.0+000 to stn.2+005 in Kithulwewa scheme



Figure 11-65: Construction of Naasivanvelly regulator in Kallathu drainage channel in Unnichchai scheme



Figure 11-66: Rehabilitation of Thumpankerny tank bund from Stn, 0+000 to stn. 0+650 in Thumpankerny scheme in Navakiri Division. Batticaloa



Figure 11-67: Repairs painting and installation of Vahanery tank RB sluice gate with hoisting mechanism in Rugam



Figure 11-68: Providing gate arrangement to Mangalamadu offtake in Rugam scheme Division

11.4.5 Divisional wise Allocation Distribution.

Table 11-30: Divisional wise Allocation Distribution

Description/ Vote No	Allocation (Rs.) '000		
	DI Office	Rugam	Navakiri
Operation & Maintenance Gravity irrigation works 282-02-2-1-2001(11)-2	2,067	93,855	55,842
Management Supporting Facilities – 2023 282-02-2-0-2001(11)-12	37	60	83
Operation & Maintenance Gravity irrigation works (Wages) 282-02-2-0-2001(11)-2	127	1,002	871
Farmer Organization Development and Farm productivity & profitability 282-02-02-0-2001(11)-8		76	34
Embankment Protection 282-2-2-5-2105 (11)-6	230		33,326
Improvements to water management and conveyance efficiency 282-02-2-01-2001- (11)-3		1,345	1000
Essential Rehabilitation of Major Medium Irrigation Schemes. 282-02-2-4-2001 (11)	439	73,233	90,194
Flood Damage Repairs & Other due to natural disaster 282-02-2-0-2001 (11)-9	75	11,543	16,058
Recovery Possession & Safeguard of Department lands & Reservation 282-02-2-0-2001 (11)-11	36		1,387
Maintenance of Departmental Road 282-02-2-0-2001(11)-5	100		4,150
Rehabilitation of Major Medium Irrigation Scheme including Emergency Infrastructure Rehabilitation Work infrastructure Development 198-02-03-08-2506(11)	1,805	78,327	37,667
Surveying & Investigating of Existing Scheme 282-02-02-0-2507-8-3			69
Maintenance of Department Circuit Bungalow 282-02-2-0-2001-15	25		418
Establishment improvement to unit office 282-02-02-1-2001-01	39	1,787	
Maintenance & Improvements to Buildings 282-2-2-0-2001(11)-1	307		4,011
Establishing River Profile in Major Rivers 282-2-2-5-2105-(11)-2	478	47,623	10,604
Training at Galgamuwa ITI, Kotmale, Regional zones & HO 282-2-2-0-2401-11(1)	40		

11.4.6 Projects implemented under other source of funds

a. CResMPA

Table 11-31: Progress of the work

Division	Scheme	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress
Rugam	Supplying and installing steel gate with component to sembiyadi anicut in Vahanery scheme	1,220	654	100%
Rugam	Supplying and installing steel gate with component to Vellaviralodai anicut in Rugam Scheme	2,030	1,352	100%
Rugam	Supplying and installing steel gate with component to Kochcharasenai anicut in Unnichchai scheme	8,848	7,035	100%
Rugam	Supplying and installing steel gate with component to Udayandasenai anicut in Unnichchai scheme	4,790	3,558	100%
Rugam	Improvements to Navatkadu Branch Channel in Unnichchai Scheme	14,864	7,652	80%
Rugam	Improvements to Peelimadu Bridge cum regulator in Vahanery Scheme	16,665	12,133	100%
Rugam	Construction of overcrossing in RB main channel at Stn. 18+800 in Unnichchai scheme	6,908	5,446	100%
Rugam	Improvements to Pandarakkadu bridge cum regulator in Rugam Scheme	14,244	10,289	100%
Rugam	Improvements to LB Main Channel bund access road at Stn.0 + 336 in Wadamunai Scheme	15,730	7,522	92%
Rugam	Improvements to Vaikaladichenai anicut in Unnichchai Scheme	24,764	20,035	98%
Rugam	Improvement to Pilayarady Anicut/Regulator in Kalvankai River	24,902	19,808	100%
Rugam	Mavadi Anicut Bund Reconsrtruction	5,000	4,172	100%
Rugam	Construction in concrete canal lining in Irassakal Tank in Rugam scheme, Rugam Division, Batticaloa under CResMPA	12,099	4,851	75%
Rugam	Estimate for fabrication, painting and installation of Vaikaladichenai anicut gates	6,269	4,001	95%
Navakiri	Re-construction of Vinayakar Anicut	14,130	13,160	100%
Navakiri	Re-construction of Road in LB-44A channel of Navakiri scheme	16,462	10,331	95%
Navakiri	Improvements to access road to Kanniyammai Anicut	14,990	11,250	98%
Navakiri	Re-construction of Causeway at Puliyadi across unit 38 & 39 unit 40 connecting Road at Stn.0+865	13,443	10,780	100%



Figure 11-69: Supplying and installing steel gate with component to Vellaviralodai anicut in Rugam



Figure 11-70: Supplying and installing steel gate with component to Kochcharasenai anicut in Unnichchai



Figure 11-71: Improvements to Peelimadu Bridge cum regulator in Vahanery Scheme,



Figure 11-72: Improvements to Pandarakkadu bridge cum regulator in Rugam Scheme,



Figure 11-73: Improvement to Pilayarady Anicut/Regulator in Kalvankai River, Rugam Scheme



Figure 11-74: Re-construction of Vinayakar Anicut in Nawakiri Division

11.4.7 Wap Haula” Program.

Table 11-32: Wap Haula” Program.

Nature of the Activity	Division	Rugam	Navakiri
Number of Schemes		08	02
1.Cultivation Meetings			
1.1 Pre Cultivation meeting		06	02
1.2 Cultivation Meeting		06	02
2.Organizational Activities			
2.1 Conducting FO Election		-	01
2.2 Conducting FO Annual General meetings		67	22
2.3 Conducting PMC meetings		16	01
2.4 Preparation of FO Final Accounts		√	√
3. Capacity building			
3.1 Financial Management		√	√
3.2 Income Management etc..		√	√
4. Participatory Management			
4.1 Shramadana for clearing canal bunds		√	√
4.2 Maintenance of Farm Roads		√	√
4.3 Maintenance of Drainage canals		√	√
5. Awareness programme			
5.1 Home gardening		-	-
5.2 OFC Cultivation		√	√
6. Other Activities			
6.1 Deva Puja, Pirith etc..		√	-

11.4.8 Drinking water Extraction

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

Table 11-33: Drinking water Extraction Details

Water Supply Scheme	Reservoir	Extracted Amount	
		m³ per Day	Annual MCM
Unnichcha Water supply Scheme	Mahilawettuwan	30,188	11

11.4.9 Social Activities



Figure 11-75: Almsgiving was arranged for Ayithiyamalai Shine of our lady perpetual church feast

11.4.10 Staff Position

Table 11-34: Staff position in Batticaloa 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	3	-	-	-	-	-	1
5	Engineer(ER)	-	1	-	-	-	-	-	-
6	CEMS	-	1	-	-	-	-	-	-
7	Accountant	1	1	-	-	-	-	-	-
8	Administrative Officer	1	1	-	-	-	-	-	-
9	Drawing Office Assistant	1	1(Act)	-	-	-	-	-	-
10	Divisional Assistant	-	-	1	1(Act)	1	1(Act)	-	-
11	Engineering Assistant	-	-	14	9	8	7	-	-
12	Institute Development officer	1	-	-	-	-	-	-	-
13	Development Officer	1	8	5	5	4	8	-	4
14	Draughtsman	5	3	3	3	3	1	-	-
15	Management Service Officer	17	16	5	5	5	6	-	-
16	Technical Aide	-	-	12	10	12	8	-	4
17	Plan Printer	1	-	-	-	-	-	-	-
18	Store Keeper	1	1	1	1	1	1	-	-
19	Store Assistant	-	-	1	1	1	1	-	-
20	Driver	3	-	3	1	3	-	-	-
21	Operator	5	-	-	1	-	2	-	-
22	Tractor Operator	5	-	-	-	-	4	-	-
23	Labour	-	6	-	16	-	8	-	-
24	Maintenance Labour	-	5	33	12	34	8	-	-
25	Lab Assistant	2	2	-	-	-	-	-	-
26	Mason	1	-	-	-	-	-	-	-
27	Carpenter	1	-	-	-	-	1	-	-
28	K.K.S	2	3	1	-	1	-	-	-
29	Watcher	1	-	1	-	1	-	-	-
30	Lorry Assistant	1	-	-	1	-	-	-	-
31	Greaser	1	-	-	-	-	-	-	-
32	Mechanic	1	2	-	-	-	-	-	-
33	Fitter	1	1	-	-	-	-	-	-
34	Irrigation Attendant	-	-	-	2	-	3	-	-

11.5 Colombo Region



Figure 11-76: Scheme Map of Colombo Region

11.5.1 Introduction

The Colombo Region comprises five administrative districts: Colombo, Gampaha, Kaluthara, Rathnapura, and part of Kegalle. One of the main responsibilities of the region is providing irrigation facilities for 6690 ha under major and medium irrigation schemes. The major rivers Kelani, Kalu, and Attanagalu Oya, which are vulnerable to flooding, are located in this region. Hence, the other responsibility is the flood management of these three river basins and the operation and maintenance of flood protection schemes in Kelani, Kalu and Aththanagalu Oya. In addition to that, all the improvement activities and development activities are carried out in the above schemes for proper functioning.

Further, recommendations or approval for clearance of lands or any construction work closer to the natural river, stream, or irrigation canal are issued on request of the applicant. The recommendation for sand mining and mini hydropower development is also issued.

These tasks are undertaken by the four Divisional Irrigation Engineer's offices which are scattered across the region.

11.5.2 Divisions under the purview of the Region

Colombo Division

The Colombo divisional Irrigation Engineer's office is mainly responsible for flood mitigation of Kelani River flooding. Accordingly, operation and maintenance of the Kelani flood protection scheme are carried out under this division. There are four major flood protection bunds: the Kelani South Bund (5.4 km), Kelani North Bund (8 km), Gothatuwa Bund (0.8 km), and Wattala Bund (0.4 km). The Minor Flood Protection (MFP) schemes consist of 28 MFP structures with gates and minor flood protection bunds on the left bank of the Kelani River. In addition to those two medium tanks, three gravity irrigation schemes, namely, Boralasgamuwa, Thalangama, and Hettige Oya, are controlled with an irrigable area of more than 867 ha.

Gampaha Division

The Divisional Irrigation Engineer's Office, Gampaha covers all major irrigation schemes in Gampaha district. It consists of 38 anicut irrigation schemes, which are situated as cascades in Attanagalu Oya, Dee-eli Oya, and Uruwaloya. The total irrigation extent of those schemes is 2988 ha. Generally, cultivation of both Yala and Maha seasons in those schemes is possible without facing severe water scarcity in normal conditions.

In addition to the above, 20 nos of MFP schemes in Kelani River flood protection scheme on the right bank are maintained under this division regularly.

Kaluthara Division

Kaluthara division is responsible for the operation and maintenance of major and minor flood protection schemes in Kalu River and drainage and saltwater extrusion schemes in the Benthara Ganga right bank. Accordingly, Kalu Ganga Flood Protection Scheme (Kalu Ganga R.B. & L.B.), Dummalamodara Scheme, Kaluwamodara Scheme, Benthara Ganga R.B. Scheme (Meegama section, Ittapana section), and Bolgoda Scheme are maintained under this division.

In addition, Uyanwatta Tank comes under the responsibility of the Divisional Irrigation Engineer, which has an irrigable area of 263 ha.

Rathnapura Division

Mainly, Ratnapura district and part of Kegalle district covers under this division. There are 09 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 Higurara tank and Wawelanda tank. Total extent of those schemes is 2,572 ha.

11.5.3 Details of Irrigation Schemes under the Region

Table 11-35: 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	Borelesgamuwa	0.177	232	110	110	*	*
	Thalangama	0.062	206	145	145	*	*
	HettigeOya	Drainage	1,700	1,350	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		2,424	-	-		
	Kaluganga LB		1,530	-	-		
	Kaluganga RB		1,506	-	-		
	Dummalamodara		607	-	-		
Gampaha	Moranna	Anicut	325	325	325		
	Ketawela	Anicut	396	396	396		
	Tammita	Anicut	111	111	111		
	Galwatiya	Anicut	97	97	97		

Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the sluice (MCM)	
				Maha	Yala	Maha	Yala
	Bolanda	Anicut	25	25	25		
	Opatha	Anicut	45	45	45		
	Muruthawela	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		

* Spill tail canal connects with main canals. Water is issued from sluice whenever necessary.

** Drainage scheme

11.5.4 Major Works completed during the year

a. O & M Drainage and Flood Protection

Table 11-36: Progress of the work

Description of work	Allocation Rs.'000	Physical Progress
O & M in Bolgoda scheme 2024	499.6	100%
O & M works of Kelani flood protection scheme City of Colombo for year 2024	1,000	95%
Allowances of caretakers & employing labour for flood season & maintaining	2,300	100%
O & M drainage & flood protection Ja- Ela Scheme	700	35%
O & M works of kalu ganga LB & RB scheme 2024	1,197	100%
O & M drainage & flood protection Kelaniya MFP	1,015	100%
O & M Benthara ganga RB scheme 2024	3,000	50%
O & M Kaluwamodara scheme 2024	630	100%
O & M Dummalamodara scheme 2024	492	100%



Before



After

Figure 11-77: Clearing and Desilting of Kaluwamodara

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

Table 11-37: Progress of the work

Description of work	Allocation Rs.'000	Physical Progress
Impts. To Ladduwa Warapitiya parallel canal from 0+000 - 4+500 in Benthara RB Scheme.	2,552	75%
Clearing the fallen Mangrove trees, other obstacles and desilting of canal section from 0+150 to 2+000 in Kaluwamodara ganga in Kaluwamodara Scheme	2,441	100%
Clearing & dredging Duwawatta canal from 0+000 to 3+000 in Bentara RB scheme	1,848	100%
Imp. To Badugoda Ela(0+000 to 1+500 km) & 650 m long sub canal by PC 30 excavator machine with pontoon in Bentara RB scheme	1,243	100%
Improvements to Kaduruwela ela Kaduruwela anicut to Meegama ganga from 0+000 to 3+850 in Benthara RB	3,464	100%
Eroded bund section of Ja-Ela side flood bund in Ja-Ela scheme.	8,386	100%



Before



After

Figure 11-78 : Improvements to Moran ela

c. Kelani Bund Protection Project

This vote has been introduced to rehabilitate Kelani Ganga flood protection schemes. Accordingly, rehabilitation of existing Kelani North major flood bund, Minor flood protection schemes (flood bunds and structures) had been planned. The total cost of the project was Rs. 1000 Mn. But, as there were large price variations for bund profile formation work, these three items were revised but it was not approved. In addition, some improvements were done for minor flood protection schemes in North bund and MFP anicuts. The progress of work items carried out under the above project during 2024 is given below

Table 11-38: Progress of the work

Description of work	Allocation Rs '000	Physical Progress
Flood damage repairs to Madapena MFP bund and desilting of Madapena canal in Hewagama to Akarawita	577	100%
Construction of flood wall at RB of Rada ela MFP structure	746	100%
Pot hole filling in Kelaniya North bund from 2+040 to 2+290	632	100%
Construction of hump for flood control near Hewagama MFP structure	580	100%
Flood damage repairs to Road breached section Kahatapitiya, Kaluaggala - Akaravita	23,615	100%
Boulder packing of Kelani river left bank at Kahatapitiya (Stage II)	10,407	100%
Kelani river (left) bank protection near the Kohilawatta cemetery from 0+000 to 0+200	47,294	100%

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

Twenty three construction work items were proposed under the ERMMIS vote during 2024. Totally Rs. 2,691,706.88 allocation released for these works and 16 numbers of works completed with 100% physical progress.

Table 11-39: Progress of the work

Description of work	Division	Allocation Rs.'000
Construction of Tractor crossing at 2+000 in RBMC Thalangama	Colombo	1,280
Construction of RW in Godagama canal from 1+710 to 1+775 in Hettige oya	Colombo	3,200
Construction of EW at Talangama LB Kendagahawala canal from 1+000 to 1+020	Colombo	888
Construction of 50m long retaining wall in FC 08 from 0+025 to 0+075 in main canal in Katupathoya scheme	Rathnapura	1,412
Construction of 69.5m long canal lining at 7+100km in main canal in Walalgoda Scheme	Rathnapura	1,281
Construction of 70m long canal lining at Kannadi Nona anicut at Hingura Ara spill tail in Panamura	Rathnapura	1,497
Construction of 100m long canal lining at FC 05 in Hingura Ara LBMC in Panamura Scheme	Rathnapura	1,121
Construction of retaining wall at 10+250 in RBMC of Kalthota scheme	Rathnapura	3,414
Construction of canal lining in Mallika wel yaya FC from 0+060km to 1+110km in Damme Ela Scheme	Rathnapura	867

11.5.5 Divisional wise Allocation Distribution

Table 11-40: Divisional wise Allocation Distribution

Description/ Vote No	Allocation (Rs.'000)				
	DI's Office	Colombo	Gampaha	Kaluthara	Rathnapura
Departmental Votes					
Farmer Organization Development and Farm Productivity & Profitability 282-02-02-0-2001(11)-8		48	186	32	144
O & M Gravity Works 282 -02-2-1-2001- 2	1,821	7,959	19,303	12,466	23,161
Essential Rehabilitation of Major and Medium Irrigation Scheme 282-02-02-04-2001 -1		8,728	3,526		14,628
Management Supporting Facilities 282-02-2- 0-2001 (11)-14	70	50	60	50	70
O & M Gravity Wages 282-02-2-0-2001(11)-2		205	233	695	432
Maintenance of Department Circuit Bungalow 282-2-2-0-2001-(11)-15					799

Description/ Vote No	Allocation (Rs.'000)				
	DI's Office	Colombo	Gampaha	Kaluthara	Rathnapura
Improvements to department roads in irrigation scheme 282-2-2-0-2001(11)-5					3,000
Flood Mitigation Projects in Kelani Ganga ,Mundeni Aru Basin , Kalu Ganga Basin , Nilwala ganaga basin and Gin Ganga 282-2-3-26-2105-11	75,564		13,003	29,987	
Kelani River Bund Protection 282-2-3-23-2105-11	69,084	49,021	3,219		
O & M Drainage and Flood Protection 282-2-2-0-2001-4	500	6,365	3,067	7,313	
Enbankment Protection 282-2-2-5-2105-6				200	
Community Awareness 282-2-2-5-2105-5		67			10
Geo Informatics Studies		142			
Geological Studies					1,000
Feasibility studies for Major Medium Irrigation Projects & Surveys/Soil/Geo Technical Investigation					250
Establishment & Improvements of Unit office - 282-02-02-1-2001(11)-1		55		27	2,600
Establishing River Profiles in Major Rivers -282-2-2-5-2105(11)-2				45	
River Basing Management 282-2-2-2105(11)-9			25		248
Improvements to Drainage System 282-2-2- 5 -2105 (11)-10		3,500	1,000	5,006	
Recovery of Possession & Safeguarding of Department Land & Peservation 282-2-2-0-2001(11)-11		700		225	
Ministry Votes					
Rehabilitation of Major Medium Irrigation Schemes including Emergency Infrastructure rehabilitation works 198-2-3-8-2001(11)		5,938	2,946		37,554

11.5.6 Projects implemented under other source of funds

a. CResMPA works in 2024

Kaluthara Division

1. Improvements to Aluth Ela (0+000-5+700)

The estimated cost for the work is Rs. 3,918,000.00 with 100 % physical progress.

2. Clearing & desilting of Dummalamodara Ela - (1+600 to 5+000)

The estimated cost for the work is Rs. 3,813,000.00 with 100 % physical progress.



Before



After

Figure 11-79 : Clearing & desilting of Dummalamodara Ela

3. Improvement to Nikatuela (3+000 to 5+300)

The estimated cost for the work is Rs. 3,911,000.00 with 100 % physical progress.



Before



After

Figure 11-80 : Improvement to Nikatu ela (3+000 to 5+300)

Colombo Division



Before



After

Figure 11-81 : Removing of water weeds in Thalangama tank in Kaduwela



Before



After

Figure 11-82: Construction of regulator in Athurugiriya mada ela at 1+092 km

Rathnapura Division



Before



After

Figure 11-83: Improvements to RB Bank of the Rakwana Ganga from 0+125 to 0+170 from Wellawa Anicut structure

b. IWWRMP works in 2024

Kaluthara Division



Figure 11-84: Improvements to Kotapothella ela structure in Kaluganga R.B.scheme

11.5.7 “Wap Haula” Program

Table 11-41: “Wap Haula” Program

Division	Rathnapura	Kaluthara	Colombo	Gampaha
Nature of the Activity				
Number of Schemes	9	6	3	14
1.Cultivation Meetings				
1.1 Pre-Cultivation meeting	18	4	3	8
1.2 Cultivation Meeting	18	4	3	1
2.Organizational Activities				
2.1 Conducting FO Election		1		
2.2 Conducting FO Annual General meetings	9	3		
2.3 Conducting PMC meetings	18	5	2	7
2.4 Preparation of FO Final Accounts	22	1		
3.0 Capacity building				
3.1 Financial Management				
3.2 Income Management etc.				
4. Participatory Management				
4.1 Shamadana for clearing canal bunds			1	
4.2 Maintenance of Farm Roads				
4.3 Maintenance of Drainage canals		6		
5. Awareness programme				
5.1 Home gardening				
5.2 OFC Cultivation				
6. Other Activities				
6.1 Deva Puja, Pirith etc..		1	1	1

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	Extracted Amount	
		m ³ per Day	Annual MCM
Weediyawaththa (Yakkala) - Gampaha	Aththanagalu oya	7,500	2.737
Mangalathiriya - Gampaha	Aththanagalu oya	7,500	2.737
Ranpokunugama - Gampaha	Aththanagalu oya	10,000	3.650
Ambathale - Colombo	Kelani River	55,000	20.075
Biyagama - Colombo	Kelani River	180,000	65.700
Pugoda - Colombo	Kelani River	9,000	3.285
Awissawella - Colombo	Kelani River	12,000	4.38
Kurugammodara - Ratnapura	Kalu Ganga	3,300	1.205
AtigalaMawatha - Ratnapura	Kalu Ganga	13,200	4.818
Kuttapitiya - Ratnapura	Kirindiella	5,500	2.008
Weliharanawa - Ratnapura	Walawe Ganga	7,700	2.811
Doloswala - Ratnapura	Hangamuwa Ganga	5,500	2.008
Koswatta- Ratnapura	Koswatta Ganga	5,500	2.008
Dandeniya - Ratnapura	Way Ganga	5,500	2.008
Puwakwatta - Ratnapura	Kuru Ganga	11,000	4.015

11.5.9 Staff Position

Table 11-43: Staff Position in Colombo Region

Designation	Director of Irrigation Office		Divisional Irrigation Engineer's Office							
			Colombo		Gampaha		Kaluthara		Ratnapura	
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1	-	-	-	-	-	-	-	-
Chief Engineer	1	1	-	-	-	-	-	-	-	-
Engineer	4	2	1	1	1	1	1	1	1	1
Earth Resources Engineer	2	1	-	-	-	-	-	-	-	-
Accountant	1	1	-	-	-	-	-	-	-	-
Admin. Officer	1	1	-	-	-	-	-	-	-	-
DOA	1	-	-	-	-	-	-	-	-	-
Divisional Assistant	-	-	1	1	1	1	1	1(Act)	1	1
Insti. Dev. Officer	1	-	-	-	-	-	-	-	-	-
Development Officer	1	1	4	2	4	3	2	2	2	2
Development Assistant	-	-	-	-	2	-	-	-	-	-
Draftsmen	5	2	3	1	3	1	3	2	3	3
Engineering Assistant	-	-	12	7	13	8	11	7	11	7
Management service officer	15	10+3* (Cov.up)	5	6	5	6	5	2	5	7
Store Keeper	-	-	1	-	1	-	-	-	-	-
Technical Aide (Irrigation)	-	-	4	7	8	4	4	3	6	8
Field Assistant	-	-	-	-	-	-	1	1	-	-
Driver	4	2	3	3	3	4	3	3	3	3

Designation	Director of Irrigation Office		Divisional Irrigation Engineer's Office							
			Colombo		Gampaha		Kaluthara		Ratnapura	
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Operator	10	-	-		-	2	3	1	-	2
Tractor Operator	8	-	-	1	-	1		1	-	
O & M Labourer	-	-	7	8	9	12	5	6	7	8
A/C Operator	-	-	1	-	-	-	-	-	-	-
Mason	2	-		-	-	-	-	-	-	-
Plumber Operator	-	-	1	-	-	-	-	-	-	-
Carpenter	2	-	-	-	-	-	-	-	-	-
Store Assistant	-	1	1	-	1	2	1	1	1	1
Drawing Office Helper	1	-	-	-	-	-	-	-	-	-
C.B .Keeper	1	-	-	-	-	-	-	-	-	1
KKS	4	1	1	-	1	-	1	1	1	3
Labourer 25/2014	7	1	29	13	20	19	7	7	-	2
Painter, Welder, Electrician	3	-	-	-	-	-	-	-	-	-
Field Watcher	8	-	1		1	1	1	1	1	1
Labourer	10	1	-	-	-	-	-	-	-	-
Lab Aide	-	1	-	-	-	-	-	-	-	-

11.6 Galle Region



Figure 11-85: Scheme Map of Galle Region

11.6.1 Introduction

Galle Region comprises of 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 under the purview of 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 Drainages) schemes in Ginganga division. Ten number of pump houses are in operation in Ginganga drainage schemes for facilitate sub drainage areas.

Ambalangoda Division

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

11.6.3 Details of 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	0.87	6.46
	Denagama	1.29	343	343	343	1.95	0.99
	Kekanadura	2.87	445	243	162	1.62	7.51
	Hali Ela	3.79	100	101	101	6.14	6.46
	Ellewela	1.05	528	511	511	0.97	0.36
	Sapugoda	Anicut	125	125	125		
	Kiralakale	Drainage	2024	Inundated due to flood situation	32		
	Kadawadduwa	Drainage	2024	324	1214		
	Hamaragoda	Anicut	144	137	143		
	Dediyagala	Anicut	142	121	89		
	Diyalape	Anicut	283	162	141		
	Alawathugoda	Anicut	136	Inundated due to flood situation	0		
	Pettara	Anicut	317	60	317		
	Urapola	Anicut	627	121	626		
	Kadduwa	Drainage	526	Inundated due to flood situation	141		

	Akuressa	Lift	486	404	291		
Division	Schemes	Capacity at FSL (MCM)	Irrigable Extent (Ha)	Cultivated Extent (Ha)		Total water issue from the Sluice (MCM)	
				Maha	Yala	Maha	Yala
Ginganga	Kiribathawila	Drainage	132	19	4		
	Halpatota	Drainage	83	35	20		
	Mahimulla	Drainage	149	47	18		
	Divitura	Drainage	153	118	17		
	Hammaliya	Drainage	44	16	5		
	Ganegama	Drainage	135	96	35		
	Agaliya	Drainage	73	48	8		
	Akuratiya	Drainage	42	22	6		
	Idigasketiya	Drainage	320	241	137		
	Hegoda	Drainage	675	425	337		
	Holuwegoda	Anicut	720	315	153		
Ambalangoda	Rantotuwila	Drainage	850	61	182		
	Dedduwa	Drainage	809	105	164		
	Uthurupitigala	Drainage	103	43	32		
	Uhanovita	Drainage	101	67	35		
	Aluthpahalakepu Ela	-	194	42	12	30 Ac'ft	40 Ac'ft
	Uragas Ela	Drainage	356	35	59		
	Elpitiya Ela	Drainage	813	942	486		

11.6.4 Major Works Completed During the year



Figure 11-86: Improvements to Ellakanda main canal construction of canal lining from 2+880 to 3+030 in Kekanadura scheme



Figure 11-87: Clearing obstacles at Wakwella bridge



Figure 11-88: Widening of Kapu Ela sea outlet at Mahamodara



Figure 11-89: Improvements to Elpiti ela in Elpiti ela scheme



Figure 11-90: Clearing obstacles at Awitthawa bridge in Ambalangoda division



Figure 11-91: Repair works of Magallagoda gravity radial gates.



Figure 11-92: Repair works of axial flow pumps of Nilwala pump houses

11.6.5 Divisional wise Allocation Distribution

Table 11 45: Divisional wise Allocation Distribution

Vote No./ Description	Allocation (Rs.'000)			
	DI Office	Matara	Ginganga	Ambalangoda
Departmental Votes				
282-2-2-0-2001-11-4 Drainage and Flood Protection	300	24,184	14,441	3,710
282-02-02-005-2105-(11)-10 Improvements to Drainage System		964		
282-02-02-004-2001-11-4 Flood Mitigation	-	18,352	15,884	
282-02-2-0-2001(11)-9 Flood damage Repair & Other Repair due to Natural Disaster		10,575		
282-02-2-0-2001(11)-16 Improvements to Spill Tail Canal & Drainage System in Irrigation scheme	-	662	-	-
282-2-2-0-2001(11)-14 Management Supporting Facilities	50	50	30	30
282-2-2-1-2001(11)-2 O & M Gravity Works	4,147	64,476	7,711	3,005
282-2-2-0-2001(11)-2 O & M Gravity Irrigation Works (Wages)	-	250	250	250
282-2-2-0-2001(11) – 1 Maintenance and Improvements to Buildings	-	1,410	5,290	690
282-02-2-0-2001(11)-15 Maintenance of Department Circuit Bungalows		557	788	
282-2-2-4-2001(11) – 1 Essential Rehabilitation in Selected Major Irrigation Schemes	-	62,157	1,550	
282-02-02-004-2001-11-3 Improvements to Flood Protection Systems in Maoya, Aththanagalu oya and Benthara ganga	852	-	-	28,409
282-2-2-1-2001(11) – 1 Establishment & Improvement of Unit Offices	-	1,427	1,494	652

Vote No./ Description	Allocation (Rs.'000)			
	DI Office	Matara	Ginganga	Ambalangoda
282-2-5-2105-(11)-05 Community Awareness	74			
282-2-5-2105(11)-02 Establishing River Profile in Major Rivers	-	13,641	-	-
282-2-5-2105(11)-06 Embankment Protection	-	24,981	677	2,252
282-2-2-5-2015-(11)-9 River Basin Management	-	2,300	1,750	-
282-02-02-0-2001(11) Recovery Possession and Safeguard of Department Land and Reservation			1,619	
282-02-2-0-2001-(11)-5 Improvement to Department Roads in Irrigation Scheme		1,450	902	
282-2-2-5-2105-11-3 Establishment of New Hydrological Gauging station in Major Rivers	-	6,041	-	-
282-2-0-2507-11-010-6 Land and Legal Matters	2,007			
282-2-0-2001(11)-19 Improvements to feeder canal		1,300		
282-2-2-0-2102(11) Purchase of Furniture & Equipment		471		
Ministry Votes				
Rehabilitation of Major Medium Irrigation Scheme	-	73,417	17,454	1,002
103-02-17-02-2509 DMC		2,298		

11.6.6 “Wap Haula” Program

Table 11-45: “Wap Haula” Program

Division Nature of the Activity	Matara	Ginganga	Ambalangoda
Number of Schemes	16	11	07
1.Cultivation Meetings			
1.1 Pre Cultivation Meeting	20	22	14
1.2 Cultivation Meeting	20	4	14
2. Organizational Activities			
2.1 Conducting FO Election	-	-	-
2.2 Conducting FO Annual General Meetings	-	-	-
2.3 Conducting PMC Meetings	-	-	-
2.4 Preparation of FO Final Accounts	-	-	-
3. Capacity Building			
3.1 Financial Management	-	-	-
3.2 Income Management	-	-	-
4. Participatory Management			
4.1 Shamadana for clearing canal bunds	-	-	-
4.2 Maintenance of Farm Roads	-	-	-
4.3 Maintenance of Drainage canals	-	-	-
5. Awareness Programme			
5.1 Home gardening	-	-	-
5.2 OFC Cultivation	-	-	-
6. Other Activities			
6.1Deva Puja pirith ect.	2	-	-

11.6.7 Drinking water Extraction

Table 11-46: Drinking water Extraction

Water Supply scheme	Reservoir	Extracted Amount	
		m³ per Day	Annual MCM
Nadugala	Nilwala	9,000	3.28
Kadduwa	Nilwala	15,000	5.47
Balakawala	Nilwala	10,000	3.65

11.6.8 Social Activities

- Bakmaha festival held for the Sinhala Hindu New Year was held with the participation of office staff.
- Blood Donation Ceremony held on 27.06.2024
- The Dansala held for Wesak Poya
- Poson Bhakthi geetha



Figure 11-93: Social Activities of year 2024

11.6.9 Staff Position of the Region

Table 11-47: Staff Position in Galle Region

Designation	Office of the Director of irrigation		Divisional Irrigation Engineer's Office					
			Matara		Ginganga		Ambalangoda	
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1	-	-	-	-	-	-
Chief Engineer	1	1	-	-	-	-	-	-
Irrigation Engineer	4	2	1	1	1	1	1	1
Earth Resource Engineer	1	1	-	-	-	-	-	-
Accountant	1	1	-	-	-	-	-	-
Administrative Officer	1	1	-	-	-	-	-	-
Drawing Office Assistant	1	-	-	-	-	-	-	-
Institutional Dev. Officer	1	1	-	-	-	-	-	-
Divisional Assistant	-	-	1	1	1	1	1	1
Engineering Assistant	-	-	16	14	11	9	8	7
Development Officer	-	7	4	7	1	3	-	2
Development Assistant	2	-	1	-	-	-	1	-
Management Service Officer	15	14	5	5	5	6	5	6
Draughtsman	5	6	3	3	3	1	3	1
Store Keeper	-	-	1	-	1	-	1	-
K. K. S.	4	5	1	4	1	1	1	1
Driver	4	3	3	6	3	3	3	2
Operator	11	-	-	2	-	1	-	1
Technical Aid	-	-	10	10	10	9	7	6
Tractor Operator	6	-	-	-	-	-	-	-
Labour 25/2014	5	3	49	46	16	14	16	14

Labour 1410	3	-	-	1	-	-	-	-
Machine Operator	-	-	-	-	-	1	-	-
Irrigation Aid	-	1	-	3	-	14	-	4
Pump Operator	-	-	8	4	18	1	-	-
Mason	1	-	-	-	-	1	-	-
Carpenter	1	-	-	-	-	1	-	-
Maintenance Labor	-	-	22	9	13	18	10	1
Mechanic	-	-	-	1	-	-	-	-
Circuit Bungalow Keeper	1	1	-	1	-	-	-	-
Field Watcher & Watcher	2	-	1	-	1	1	1	-
Greaser	2	-	-	-	-	-	-	-
Store Aid	-	-	1	-	1	-	1	-
Cleaner / Helper	1	-	-	-	-	-	-	-
Plan Printer / Helper	1	-	-	-	-	-	-	-

11.7 Hambanthota Region

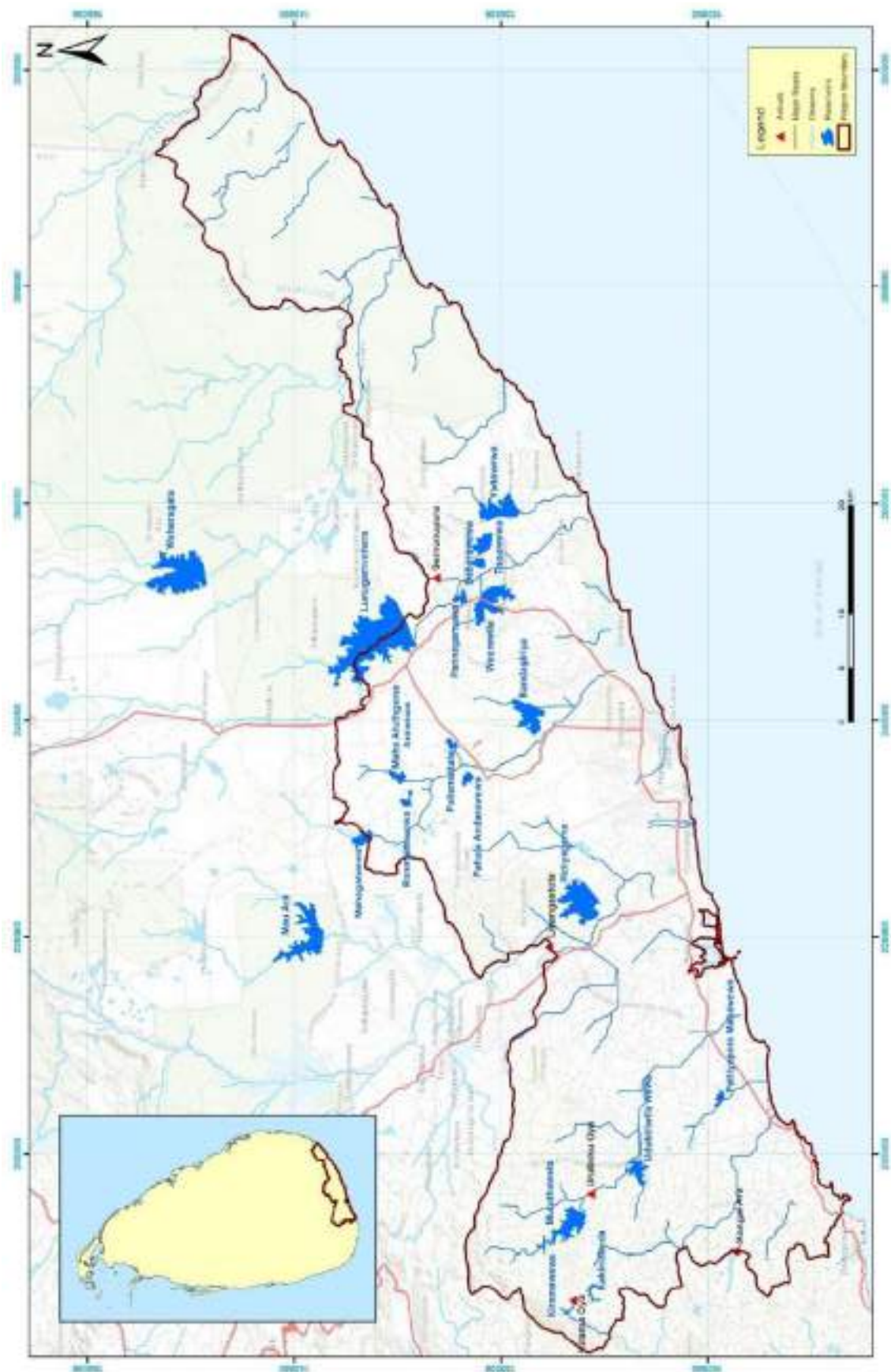


Figure 11-94: Scheme Map of Hambanthota Region

11.7.1 Introduction

Hambanthota 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 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 as Walawa, Kirindi Oya, Menik ganga, Uruboku Oya, Kirama Oya are flowing to see passing the area, providing water for cultivation.

11.7.2 Divisions under the purview of the Region

There are three divisions come under the Region as,

- Hambantota Division
- Tissamaharama Division
- Weeraketiya Division

11.7.3 Details of Irrigation Schemes under the Region

Table 11-48: The Details of the 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
Tissamaharama	Bandagiriya	11.16	708.5	708	708	13	16
	Debarawewa	0.85	384.6	384.6	384.6	13	14
	Gemunupura	-	101.2	101.2	101.2	-	-
	Lunugamwehera	226.70	6275.3	6275.3	6275.3	132	140
	Pannegamuwa	1.23	222.7	222.7	222.7	-	-
	Tissawewa	4.12	1113.4	1,113.4	1,113.4	12	13
	Weerawila wewa	14	935.2	935.2	935.2	17	23
	Yodawewa	10.33	1,297.8	1,298.4	1,298.4	29	28
	Weheragala	73.44	-				
Hambantota	Mahaaluthgam Ara	2.20	223	223	223	1.91	5.98
	Mahagal wewa	3.40	139.2	140	140	1.49	1.24
	Mau Ara	41.01	3360	3360	3360	5.2	21.61
	Pahala Andara wewa	1.70	102	102	102	1.81	9.11
	Pallemattala Wewa	1.30	152	152	152	1.18	9.11
	Ranmuduwwewa	0.80	85	85	85	0.9	2.08
	Walawe LB (Ridiyagama)	32.11	3,440	3440	3442	38.21	75.51
	Walawe RB	-	3441.2	3442	3,265	34.23	74.49
	Minor Tanks 1	41.1	607.2	608	608	5.2	21.62
	Minor Tanks 2	41.01	283.4	283.4	284	2.09	21.62
Weeraketiya	Kirama Oya+ (Kekiriobada wewa)	2.7	2591	2,166		-	-
	Kongal Ara	-	132			-	-
	Muruthawela	48	1791	1709	1709	39.57	3389
	Urubokuoya	-	2739	2738	2738	-	-

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

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

11.7.4 Major Works completed during the year



Figure 11-95: Improvements to Construction of protection wall 27 canal in SCB canal Beragama unit -WLB Scheme.



Figure 11-96: Construction of protection wall for Kirama oya RB side at downstream of Danketiya anicut in Kirama oya scheme



Figure 11-97: Clearing and desilting in Wile Basnawa drainage canal in Kirama oya scheme



Figure 11-98: Improvements to main canal in pahala Andara Wewa.

11.7.5 Divisional Wise Allocation Distribution

Table-11-49: Divisional 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	1,803	68,031	53,408	60,678
282-2-2-4-2001(11) ERMMIS	7,379	85,300	68,246	77,583
282-2-2-0-2001(11)-19 Improvements to feeder Canal	28	2,347	493	3,830
282-2-2-0-2001(11)-12 Management Supporting Facilities	-	90	80	80
282-2-2-5-2105(11)-6 Embankment Protection	891	-	22,457	19,048
282-2-2-0-2001(11)-9 Flood Damage Repairs	659	29,134	1,841	9,633
198-02-03-08-20021(11) - RMMIS	3,981	47,664	109,530	23,903
282-2-2-1-2001(11)-3 Improvements to Water Management and Conveyance Efficiency	163	836	5,255	2,528
282-2-2-1-2001(11)-1 Establishment and Improvements of Unit Office	103	1,458	1,736	1,703
282-2-2-0-2001(11)-8 Farmer Organization Development & Farm Productivity & profitability	-		55	155
282-2-2-0-2001(11)-20 O &M Works in Model Farm	-	500	-	-
282-2-2-0-2001(11)-1 Maintenance & Improvements to Building	34	7,631	1,465	1,028
282-2-2-0-2001(11)-5 Maintenance & Department Roads	9	1,140	1,000	-

282-2-2-5-2105(11)-8 Clean River Programme	29	-	-	1,401
282-2-2-0-2001(11)-15 Maintenance of Department Circuits	-	1,000	400	100
282-2-2-0-2001(11)-3 Maintenance of Lift irrigation Works	-	-	1,062	-
282-2-2-0-2001(11)-11 Recovery Possession & Safeguard of Department Lands and Reservation	-	138	116	-
282-2-2-0-2001(11)-2 Operation & Maintenance Gravity Works (wages)	240	600	400	150
282-2-2-5-2105(11)-2 Establishing River Profile in Major rivers	-	2,500	-	-
282-2-2-2507-11-010-1 Computerization and Networking of the irrigation Department to enhance and upgrade the engineering management Processes	-	255	88	80
282-2-2-2507-(11)-008-1 Feasibility studies for Major, Medium Irrigation Projects and surveys/soil/Geo/Tech Geo Information Studies		-	-	400
282-2-2-0-2001(11)-4 O&M Drainage and Flood Protection	28	2,309		2,247
282-2-2-0-2507((11)-9-8 Research Support & Process Improvements	104	-	-	-
282-2-2-0-2001((11)-10 Improvements to Head Works of Tanks and Additional Safety	37	3,346	-	-
282-02-2-0-2001(11)-16 Improvements to spill tail canal & Drainage System in Irrigation Scheme	21	1,016	1,300	-
282-02-02-05-2105(11)-10 Improvements of Drainage Systems			2,500	

11.7.6 Projects Implemented under other source of funds

a. IWWRMP

Integrated Watershed and Water Resources and Mangement Project is carried out under World Bank funds. The main propose of this project is to rehabilitation necessary small scale irrigation infrastructure for efficient water management within schemes. The main procurement method of the project is community procurement to empower the farming community. 25 items were successfully completed under this project.

Table-3: IWWRMP Allocation Distribution

Division	Scheme	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress
Hambantota	Mau Ara	11,159	10,918	100%
	Ridiyagama	4,756	4,744	100%
	WRB	4,127	4,112	100%
Tissamaharama	Lunugamwehera	13,496	13,316	100%
	Debarawewa	4,873	4,872	100%
	Bandagiriya	4,127	4,057	100%
	Pannegamuwa	1,602	1,294	100%
	Yodawewa	514	480	100%
	Tissawewa	2,146	2,130	100%
	Weerawila	4,691	4,410	100%
	Yodawewa	2,881	2,848	100%
Weeraketiya	Uruboku oya	13,311	12,330	100%
	Kirama oya	3,521	1,473	100%
	Muruthawela	4,730	4,430	100%



Figure 11-99: DC/208 - Improvements to RB main canal of Ranmuduwewa from 0+300 to 3+000



Figure 11-100: Improvements to Regulator at 2+186 in Kinchigune Main canal, Uruboku oya Scheme

b. CResMPA

Climate Resilience Multipurpose Programme Approach (CResMPA) project is carried out under World Bank funds. Irrigation canal system improvement works and rehabilitation of small scale irrigation structures are proposed under this project. Among the works belonging to ID, PID and DAD, 48 items have been approved and about 98% of the construction works have been completed.

Table 11-50: CResMPA Allocation Distribution

Division	Scheme	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress
Hambantota	WRB	37,007	22,163	100%
	Mahagal wewa	3,776	3,394	100%
	Mau ara	4,454	3,499	100%
	WLB	28,806	17,496	100%
	DAD	24,193	20,443	100%
Tissamaharama	Lunugamwehera	39,948	28,214	100%
	Bandagiriya	25,979	17,403	100%
	Tissa wewa	18,338	7,953	90%
	Weerawila	5,208	3,616	100%
	Gemunupura	11,317	5,859	100%
	PID	25,663	13,225	100%
	DAD	17,046	9,285	100%
Weeraketiya	Kongal ara	5,138	2,558	100%
	Kirama oya	2,675	1,461	100%
	Muruthawela	8,851	6,930	100%
	Uruboku oya	20,001	8,137	99%
	DAD	23,907	13,572	93%



Figure 11-101: Reconstruction of Weheragala anicut across malala ara



Figure 11-102: Improvements to the NCB LB 3 canal lining 0+750 to 0+990

11.7.7 “Wap Haula” Program

Table 11-51: “Wap Haula” Programme

Division	Hambantota	Weeraketiya
Nature of the Activity		
Number of Schemes	2	2
1. Cultivation Meetings	6	
1.1 Pre Cultivation meeting	4	4
1.2 Cultivation Meeting	6	4
2. Organizational Activities		
2.1 Conducting FO Election	49	4
2.2 Conducting FO Annual General meeting	95	106
2.3 Conducting PMC Meetings	11	8
2.4 Preparation of FO Final Accounts	22	65
3. Capacity Building		
3.1 Financial Management	0	1
3.2 Income Management etc....	0	
4. Participatory Management		
4.1 Shramadana for clearing canal bunds	27	76
4.2 Maintenance of Farm Roads	5	
4.3 Maintenanceof Drainage canals	1	
5. Awareness programme		
5.1 Home gardening	0	
5.2 OFC Cultivation	0	
6. Other Activities		
6.1 Deva Puja, Pirith etc.	12	21
6.1 Organize fertilizer Awareness programme	0	1

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 11-52: Drinking water extraction of Reservoirs in Hambantota Region

Water Supply Scheme	Reservoir	Extracted Amount	
		m³ per Day	Annual MCM
Lunugamwehera	Lunugamwehera	12,000	4.38
Kirindi oya		4,200	1.53
Kataragama		8,500	3.1
Kirama oya, Nalagama		9,000	3.29

Water Supply Scheme	Reservoir	Extracted Amount	
		m ³ per Day	Annual MCM
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		Wet -: 22,500	8.21
		Dry -: 25,000	9.12
Ridiyagama		17,500	6.39

11.7.9 Social Activities



Figure 11-103: Blood Donation Programme at DIE's Office Weeraketiya



Figure 11-104: Bethi Gee at DIE's Office Hambantotata



Figure 11-105: Bread Dansala at DIE's Office Tissamaharama



Figure 11-106: Blood Donation Programme at DIE's Office Hambantota

11.7.10 Staff Position

Table 11-53: Staff position in Hambanthota Region

No	Designation	DI Office		Office of the Divisional Irrigation Engineer					
		Approved	Actual	Hambantota		Weeraketiya		Tissamaharama	
				Approved	Actual	Approved	Actual	Approved	Actual
01	Director of Irrigation	1	1						
02	Chief Engineer	1	1						
03	Engineer (Civil)	4	2	1	1	1	1	1	1
04	Earth Resources Engineer	1	1						
05	Accountant	1	1						
06	Administrative Officer	1	1						
07	Drawing Office Assistant	1	-						
08	Divisional Assistant			1	1	1	-	1	-
09	Institutional Development	1	1						
10	Development Officer	1	5	5	8	5	8	5	4
11	Engineering Assistant	-	-	13	10	13	10	14	14
12	Draughtsman	5	2	3	3	3	3	3	1
13	Management Service Officer	15	12	5	5	5	8	5	6
14	Store Keeper			1	-	1		1	-
15	Technical Assistant (Irrigation)			9	7	8	7	10	10
16	Driver	4	3	3	5	3	8	3	5
17	Operator	8			2				1
18	Tractor Operator	7			1		1		1
19	Operation & Maintenance		1	24	5	22	6	30	9
20	Labors	22			5		1		2
21	Labors(25/2014)	41	2	17	15	21	16	35	33
22	Mason	1							
23	Carpenter	1							1
24	Circuit Bungalow Keeper	1						1	
25	Store Assistant			1	1	1	1	1	1
26	Plan Printer Helper	1							
27	Greaser	4					1		
28	KKS	4	2	1	2	1	2	1	1
29	Field Watcher	1		1	1	1		1	
30	Lorry helper				1				
31	Cleaner						1		
32	Irrigation Works Assistant				19		18		9
33	Development Assistant			1				1	

11.8 Kandy Region

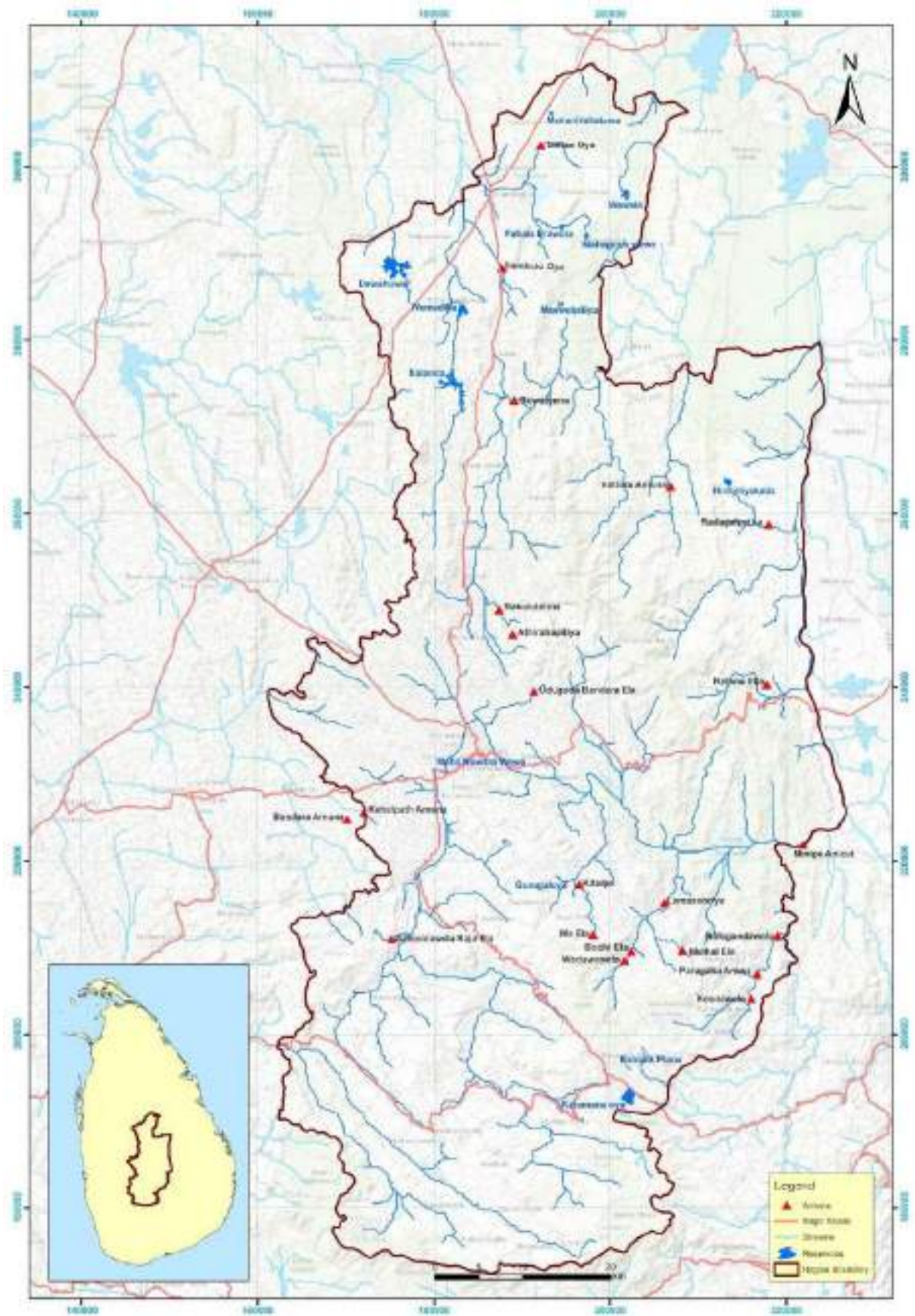


Figure 11-107: Scheme Map of Kandy Region

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 under the purview of the Region

This region comprises five Irrigation Engineer divisions.

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

11.8.3 Details of the Irrigation schemes under the Region

Table 11-54: Details of Irrigation Schemes

Division	Scheme	Capacity at FSL / (MCM)	Irrigable Extent / (Ha)	Cultivated Extent / (Ha)		Total Water issue from the sluice (MCM)	
				Maha 23/24	Yala 24	Maha 23/24	Yala 24
Minipe	Minipe L B	-	7,987	7987	7987	89.004	181.14
	RathnaElla	-	110	110	110	-	-
	Radagalpotha	-	152	152	152	-	-
	Himbiliyakada	2.3	131	131	131	-	-
Kandy	Gurugaloya(Murapola)	0.158	486	486	324	6.22	4.94
	BandaraAmuna	-	97	97	97	1.04	1.04
	KehelpathAmuna	-	100	100	100	1.07	1.07
	Udugoda Bandaraela	-	164	164	148	1.60	1.44
	Bodhiela	-	154	154	126	1.88	1.53
	Gampolawela Rajaela	-	164	142	124	1.34	1.70
	Kitulpe Ela	-	137	137	137	1.46	1.46
	Maela	-	654	654	654	9.98	11.97
	Lamasooriya	-	186	186	186	2.72	3.41
	Mahanuwara wewa	0.87	-	-	-	-	-
Dambulla	Dewahuwa	13.57	1,215	1215	1215	17.34	21.04
	Wemedilla	5.67	810	810	810	18.86	16.82
	Bellanneoya	Anicut	87	81	57	0.83	0.86
	Pahala Eraula	0.42	142	142	142	1.94	1.73
	Dambuluoya	Anicut	243	243	243	2.50	3.70
	Nalanda	15.86	62	-	-	2.50	2.70
	Wewalawewa	1.67	97	49	63	1.55	2.00
	Mahanikakatuwa	0.19	87	40	4	0.48	-
	Mahagona	0.78	81	34	34	0.35	0.45

Division	Scheme	Capacity at FSL / (MCM)	Irrigable Extent / (Ha)	Cultivated Extent / (Ha)		Total Water issue from the sluice (MCM)	
				Maha 23/24	Yala 24	Maha 23/24	Yala 24
Matale	HattotaAmuna	-	1,108	448	448	6.8	7.12
	Makuletanna	-	290	117	117	1.21	1.21
	Bowatenna	-	330	133	133	1.47	1.89
	Meewalpitiya	339	210	85	40	0.55	0.29
	Athirahapitiya	-	85	85	85	0.75	0.75
Nuwareliya	ParagahaArawa	-	132	132	132	1.21	2.01
	Keenawala	-	102	102	96	0.92	1.54
	Mulhalela	-	208	208	172	1.92	3.17
	Waduawawela	-	194	100	221	1.77	2.96
	Bolagandawela	-	144	144	130	1.31	2.19
	Barrack Plane	0.125	-	-	-	-	-
	Katumana Oya	0.016	-	-	-	-	-

11.8.4 Major Works done during the year

a. Godigamuwa wewa Project

Godigamuwa tank is an existing tank located in Naula Divisional Secretariat area in Matale district maintained under the Provincial Irrigation Department. The tank has been constructed during the latter part of the 1970's and declared opened in March of the 1980's. 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. Therefore this tank was selected for rehabilitation to overcome all these issues under the local funds.

Godigamuwa Project is started in 2019 and overall physical progress up to the end of the year 2024 was 63%. 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.

Allocation for 2024 (Rs.000') : 37,000

Expenditure in 2024 (Rs.000') : 25,923

Total cumulative expenditure up to end of 2024 (Rs.000'): 225,360



Figure 11-108: Improvement to D/S of tank bund and Turfing



Figure 11-109: Replacing Rip-rap

b. Barrack plane Project

Barrak Plane tank is a small tank maintained under Irrigation Department situated in Nuwaraeliya Divisional Secretariat area in Nuwaraeliya district and the tank storage is about 0.12 MCM. Due to the tank has totally covered with extensive growth of invasive plant “Alligator” and filled with sediment, reduction of tank storage is about 40 % of its actual capacity. Therefore Barrakplane Project was started in 2021 to increase tank capacity. The importance of this tank accounts with three distinctive benefits such as providing irrigation facility to nearly 2005 acres of cultivable lands belongs to more than 3,500 farm families having small land parcels but high income from agriculture, Assuring domestic and drinking water demand of 3000 cubic meters daily to the people living in Uva – Paranagama area, and provided very beautiful aesthetic values with tourism attractive to local and foreign visitors on the way to lover’s leaf fall giving more opportunity to tourism business.

Total estimated cost (Rs.’000) : 230,000

Allocation for 2024 (Rs.’000) : 30,000

Expenditure in 2024 (Rs.’000) : 27,451

Total cumulative expenditure up to end of 2024 (Rs.’000) : 135,350



Figure 11-110: 0+000 to 0+300 side drain Construction



Figure 11-111: 0+080 Single pipe Culvert & Drainage

c. Improvements to Moat in Sri Dalada Maligawa

Renovation of Moat in Sri Dalada Maligawa was started in the year 2019 according to the proposal of the President. The Project allocation is Rs. 9,695,000.00 and at present 82% of the work has been completed.

Estimate Amount (Rs.'000) - Rs. 76,547

Allocation for 2024 (Rs.'000) - Rs. 12,867

Total Expenditure (Rs.'000) - Rs. 12,229



Figure 11-112: Construction work at Moat

d. Rectification for the failed Retaining Wall at dalada Maligawa Premises

Retaining wall in Front of Wishnu dewalaya in moat at Sri Dalada Maligawa has failed due to heavy rain in 2021. The project was launched in the year 2021. There after 80% of the work has been completed in end of 2024.

Estimate Amount (Rs.'000) - Rs. 119.00

Allocation & Expenditure (Rs.'000) - Rs. 27,254

Total Expenditure (Rs.'000) - Rs. 27,254



Figure 11-113: Construction work at Retaining Wall

11.8.5 Divisional wise Allocation Distribution

Table 11-55: Divisional wise Allocation Distribution

Description / Vote No	Allocation (Rs.) '000					
	DI Office	Kandy	Minipe	Dambulla	Matale	Nuwaraeliya
Departmental Votes						
Maintenance and Improvements to Buildings 282-02-02-00-2001(11)-1	-	2,110	1,812	900	2,500	-
Operation and Maintenance of Gravity Irrigation Works (Wages) 282-02-02-00-2001(11)-2	-	185	715		300	300
Maintenance & Improvements to Department Roads 282-02-02-00-2001(11)-5	-	-	1,666	1,334	-	-
Improvement to Kandy Lake 282-02-02-00-2001(11)-6	-	6,000	-	-	-	-
Flood Damaged Repairs (FDR) 282-02-02-00-2001(11)-9	-	5,312	3,200	-	3,950	1,400
Management Supporting Facilities 282-02-02-00-2001(11)-12	70	60	60	70	60	60
Maintenance of Department Circuit Bungalow 282-02-02-00-2001(11)-15	-	370	900	100	-	1,800
Construction of Central Zonal Office 282-02-02-00-2104 (11)-9	-	6,903	-	-	-	-
Operation and Maintenance of Gravity Irrigation Works 282-02-02-01-2001 (11) -2	718	26,084	47,073	20,011	8,410	10,294
Essential Rehabilitation of Selected Major Irrigation Schemes 282-02-02-04-2001(11)	-	8,189	10,727	36,135	14,050	21,880
Recovery Possession & Safeguard of Department Lands & Reservation 282-02-02-0-2001-11	-	-	133	1,450	143	-
Land and Legal Matters 282-2-2-0-2507-10-6	-	-	-	-	42	-
Farmer organization Development under waphaula program (FOD) 282-02-02-0-2001(11)-8	-	113	42	265	133	199

Description / Vote No	Allocation (Rs.) '000					
	DI Office	Kandy	Minipe	Dambulla	Matale	Nuwaraeliya
Establishment and Improvement of Unit offices 282-02-02-1-2001-1	-	-	-	1,742	1,414	-
Improvement to water management and conveyance Efficiency 282-02-02-01-2001-3	-	479	-	-	-	-
Embankment Protection 282-02-2-5-2105(11)-6	-	2,201	-	-	-	-
Establishing River Profiles in Major Rivers 282-02-2-5-2105(11)-2	-	-	-	165	-	-
Community awareness 282-02-2-5-2105(11)-5	-	75	-	-	-	75
River Basin Management 282-02-2-5-2105(11)-9	-	-	-	4,250	-	-
Godigamuwa Tank 282-02-03-25-2105 (11)	-	-	-	-	37,000	-
Barrack Plane Tank 282-02-03-38-2105(11)	-	-	-	-	-	30,000
Land Acquisition under Irrigation project and other expenditure related to department lands- 282-2-2-006-2105 (11) 2	3,189	-	-	-	-	-
Land Acquisition under Irrigation project and other expenditure related to department lands- 282-2-2-006-2105 (11)	-	42	-	-	-	-
Ministry Votes						
Rehabilitation of Major Medium Irrigation Schemes Including Emergency Infrastructure Rehabilitation Works - Infrastructure Development 198-02-03-08-2506(11)	-	40,382	-	-	-	-
Wari Saubagya National Program - 429-02-03-02-2506		79		2,068		

11.8.6 Projects implemented under other sources of funds

a. Climate Resilience Multiphase Programmatic Approach (CResMPA)

The objective of the Climate Resilience Multiphase Programmatic Approach Project for Sri Lanka is to increase the number of people and assets protected against flood risk in priority river basins. The project consists of five components.

The project timeline for mechanical works is 6 months, while civil works will take between 12 to 18 months. The allocation for different districts is as follows: Kandy District - Rs. 60 million, Matale District - Rs. 50 million, Nuwara Eliya District - Rs. 40 million, and Kegalle District - Rs. 40 million.

Benefits of the projects

- support the vulnerable communities under the prevailing economic crisis of the country while continuing the originally proposed priority activities'
- Eliminating extreme poverty and boosting shared prosperity through reducing disaster-related economic and livelihood losses in rural and peri-urban districts of Sri Lanka with high poverty.
- provides financing for large-scale infrastructure and to modernize the national hydro met system

Table 11-56: Progres of the Project

District	Allocation Rs.'000	Expenditure Rs.'000	Physical Progress
Kandy	60,000	15,016	85%
Matale	50,000	19,170	90%
Nuwaraeliya	40,000	16,761	90%
Kegalle	40,000	19,492	100%



Figure 11-114: Construction of 15 m canal lining at 1+330 & 12m construction lining at 1+400 in main canal in Mulhal ela



Figure 11-115: Improvements from 3+000 to 3+800 of Bolagandawala main canal in Bolagandawala scheme

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

These rehabilitation works are to be implemented by capable Farmer Organizations (FOs)/Community Based Organizations (CBOs) as a direct contract under Ministry of Finance circular hence, the communities are benefiting from receiving much needed assistant.

Most of the small and medium scale tanks and canals that selected to rehabilitate are belong to ID. Due to lack of maintenance and capital finance, "Small and Medium Irrigation Infrastructure Rehabilitation Works (SMIIRW)" has been developed by allocating USD 10 Million having an Implementation period of 18 months under IWWRMP.

So far, the construction works of all the approved items in the Kandy region have been successfully completed and the final payment reports have also been completed.

Benefits of the projects

- To provide immediate direct benefits to the vulnerable farmer community, who are affected due to the present economic crisis and impact of the Covid-19
- To ensure the efficiency of water distribution, flood control and improvement of water productivity and re-cultivation of abundant fields.
- To uplift livelihoods and ensure the food security of the public.
- To contribute to mitigation and adaptation measures on adverse impact of climate changes.

District	Allocation 2024 (Rs`000)	Expenditure 2024 (Rs`000)	Physical Progress (%)
Matale	40,208,	34,173	100%
Kandy	36,626	29,514	100%
Nuwaraeliya	63,059	53,459	100%
Kegalle	37,600	10,990	50%



Figure 11-116: Improvements to Karaughawewa Center Canal in Stage IV in Minipe Division



Figure 11-117: Construction of drop structures in FC-01, FC-03, FC-05 at RBMC in Mahagonawewa scheme



Figure 11-118: Strengthening of both up stream side of Syphon at 11+346 in Minipe LBMC



Figure 11-119: Improvements to D34 canal from 0+620 to 0+737 in stage II



Figure 11-120: Improvements of RB1/D11 canal of stage ii in Minipe Division



Figure 11-121: Improvement to Bandara Amuna main canal from 0+000 to 0+160

IWWRMP Project - Dewahuwa main package

The Dewahuwa irrigation system is located in the two administrative districts of Matale and Anuradhapura, towards the centre of the island. It consists of a reservoir with a capacity of 11000 Acft and a channel network commanding a total area of 3000 Acres. The main canal is 16 km long, and the command area is split into 9 irrigation tracts. The distributary canal is 2.03 km in length with 28.34 Km field canal system. Dewahuwa is a major irrigation scheme where settlement is started in 1951. The project includes improvements to the main canal up to 7 km along with the D3 canal system to enhance the water conveyance efficiency. According to the agreement the duration of the project is 1 year and the total cost estimated as Rs 178,326,783.20 including VAT. The project provides benefits to approximately 1800 farmer families.

Table 11-57: IWWRMP Project - Dewahuwa main package details

Package No. 01	Description	Agreed Cost with VAT/ Rs.(Mn)	Project started on	Date of completion
LK- MOMDE-123606-CW-RFB	Rehabilitation Of Dewahuwa Scheme	178.32	2023.03.08	2024.08.07



Figure 11-122: Construction of 150m long canal lining at 2+860



Figure 11-123: Construction of D3 canal lining at 0+700

IWWRMP – Hattota Amuna Package 01

Hattota Amuna Anicut is located in Laggala Divisional Secretariat Division of Mathale District of Central province and it feeds the farm lands of the Akarahediya, Hattota Amuna, Dasgiriya, Morathenna, Kandepitawela, and Wellewela Grama Niladhari Divisions. The length of the main canal of Hattota Amuna is 10.2Km. Package 01 of this project includes improvements of the canal system from 1st km to 5th km and the structures of Hattota Anicut scheme which is under the package 01. This scheme provides water for the cultivation of 1,108 Arcs in the area and 835 families are benefited.

Table 11-58: IWWRMP – Hattota Amuna Package 01 Details

Package No. 01	Description	Agreed Cost with VAT/ Rs. (Mn)	Project started on	Due date for completion
LK- MOMDE- 305824-CW- RFB	Improvements to canal (1km - 5km) system including structures	49,060	2024.02.09	2025.01.24



Figure 11-124: 2+250 Canal construction works



Figure 11-125: +100 Retaining wall construction

11.8.7 “Waphaula” Program

Table 11-59: Details of “Waphaula” Program

Nature of Activity \ Division	Matale	Kandy	NuwaraEliya	Dambulla	Minipe
Number of schemes	5	8	5	7	3
1.Cultivation Meetings					
1.1 Per Cultivation Meeting	10	16	09	14	06
1.2.Cultivation Meeting	10	16	08	14	06
2. Organization Activities					
2.1 Conducting FO Election	13	09	07	09	-
2.2 Conducting FO Annual General Meeting	12	03	01	15	-
2.3 Conducting PMC Meeting	21	16	02	05	02
3. Capacity building					
3.1 Financial Management	01	09	05	-	-
3.2 Participatory Management	-	-	-	-	-
3.3 Shramadana for clearing canal bunds	-	16	03	16	05
4. Awareness Program					
4.1 OFC Cultivation	-	02	02	-	03
5. Other Activities					
5.1 Arecanut/ tree planting	-	02		-	-
5.2 Deva puja pirith etc	23	02	01	01	04



Figure 11-126: PMC, Pera Kanna and Kanna Meeting in Matale Division



Figure 11-127: Ereca Planting Programme 2024.11.19 in Dambulla Division in Bellanoya Scheme



Figure 11-128: Dewa Puja - Minipe Division



Figure 11-129: PMC, Pera Kanna and Kanna Meeting in Nuwaraeliya Division



Figure 11-130: Awareness Programme of Traditional Paddy 2024.09.26 - DIE Office

11.8.8 Social Activities



Figure 11-131: Art Competition for Students Environmental Day - Nuwareliya DIE's office



Figure 11-132: River day Programme – 2024 (Aranayake Manadee Maha Vidyalaya Art Competition) – Kandy DIE's office



Figure 11-133: New Year Ceremony on 2024.04.10 Dambulla Divisional Irrigation Engineer's Office



Figure 11-134: Posen Ceremony - Kadala Dansala - Dambulla Divisional Irrigation Engineer's Office



Figure 11-135: Pirith Ceremony - 2024 Kandy Region

11.8.9 Staff Position 2024

Table 11-60: Staff position in Kandy Region

No.	Designation	Director Of Irrigation		Divisional Irrigation Office									
				Minipe		Kandy		Dambulla		Matale		Nuwareliya	
		Approved	Actual	Approved	Actual	Approved	Actual	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	1	1	1	1	1	1
4	Engineer	4	1	-	-	-	-	-	-	-	-	-	-
5	Engineer (ERE)	1	1	-	-	-	-	-	-	-	-	-	-
6	Accountant	1	1	-	-	-	-	-	-	-	-	-	-
7	Administrative Officer	1	1	-	-	-	-	-	-	-	-	-	-
8	Drawing Office Assistant	1	1*	-	-	-	-	-	-	-	-	-	-
9	Divisional Assistant	-	-	1	1	1	1	1	1	1	1	1	1
10	Engineer Assistant	-	-	12	7	12	11	11	8	8	7	8	6
11	Institute Development Officer	1	1	-	-	-	-	-	-	-	-	-	-
12	Development Officer	-	4	5	5	5	5	4	6	2	3	2	2
13	Development Assistant	1	-	-	-	-	-	-	-	-	-	-	-
14	Draftsman	5	1	3	1	3	1	3	1	3	2	3	1
15	Management Service Officer	15	16	5	5	5	5	5	5	5	5	5	4
16	Technical Assistant (Civil)	-	-	10	12	8	7	5	5	5	3	5	7

No.	Designation	Director Of Irrigation		Divisional Irrigation Office									
				Minipe		Kandy		Dambulla		Matale		Nuwareliya	
		Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
17	Plan Printer	1	-	-	-	-	-	-	-	-	-	-	-
18	Store Keeper	-	-	1	-	1	-	1	1	1	1	1	-
19	Store Assistant	-	-	1	-	1	-	1	-	1	0	1	1
20	Driver	4	3	3	5	3	3	3	3	3	4	3	1
21	Operator	10	-	-	4	-	4	-	-	-	2	-	2
22	Tractor Operator	7	-	-	7		1	-	-	-	-	-	
23	O & M Labour	0	1	13	3	10	11	8	6	5	3	4	3
24	Mason	1	-	-	-	-	-	-	-	-	-	-	-
25	Carpenter	1	-	-	-	-	-	-	-	-		-	-
26	K.K.S	4	4	1	1	1	1	1	1	1	1	1	1
27	Grasser	3	-	-	-	-	-	-	-	-	-	-	-
28	Lorry Assistant	2	-	-	1	-	-	-	-	-	-	-	-
29	Circuit Bangalow Keeper	-	-	2	1	1	1	-	-	-	-	1	1
30	Labour (25/2014)	5	1	16	16	26	23	24	20	12	6	6	5
31	Field Watcher	1	-	1	2	1	2	1	-	1	-	1	-
32	Labour	2	-	-	-	-	-	-	-	-	-	-	-
33	Irrigation Attendent	-	1	-	6	-	10	-	6	-	1	-	2

11.9 Kurunegala Region

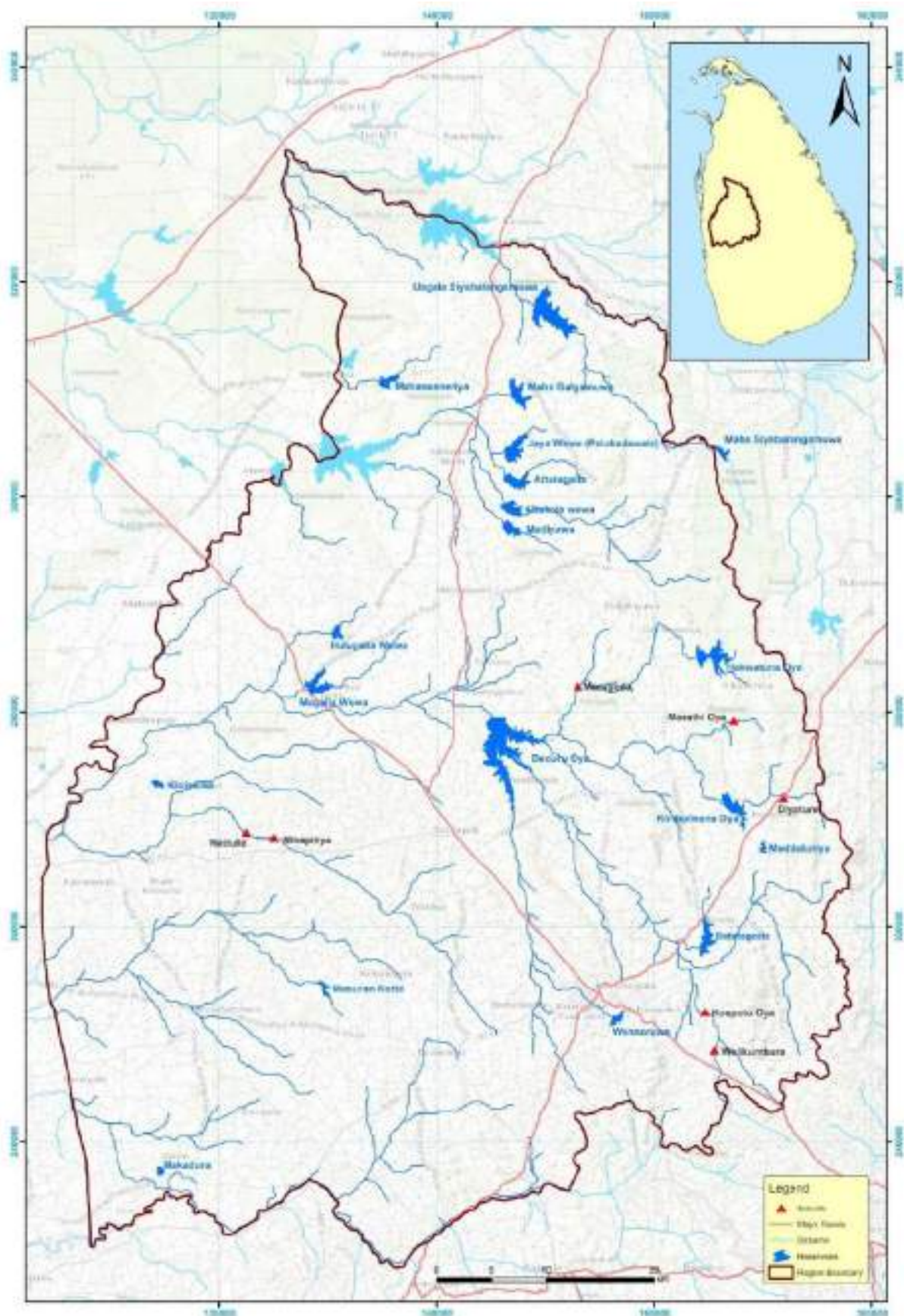


Figure 11-136: Scheme Map of Kurunegala Region

11.9.1 Introduction

Kurunegala Region covers the whole area in Kurunegala District of the North Western Province except Rajanganaya RBMC in Giribawa District Secretariat Division. There are five Divisions in the region. Kurunegala Region has spreaded over both dry and intermediate climatic zones. Deduru Oya, Mee Oya and Ma Oya and Kala Oya Left Bank are the main river basins in Kurunegala region.

11.9.2 Divisions under the purview of the Region

There are five divisions come under the region,

1. Hiriya Division
2. Galgamuwa Division
3. Nikaweratiya Division
4. Katugampola Division
5. Wariyapola Division

Hiriya Division

The Hiriya Division comprises 3 Major schemes, 2 Medium Schemes, 5 anicut schemes and one lift irrigation scheme supporting agricultural activities across the region. Among these, Bathalagoda, Kimbulwana Oya, and Hakwatuna Oya are classified as major irrigation tanks due to their capacity and significance. Wennoruwa and Meddaketiya are identified as medium-scale tanks. Additionally, Diyathure, Kospothu Oya, Moragoda, Welikumbura, Morathi Oya, and Kalugalla function as anicuts and Kalugalla is the lift irrigation scheme within the division. The total irrigable area under these schemes is approximately 7,815 Ha.

Galgamuwa Division

The Galgamuwa Division encompasses seven irrigation schemes. Among these, Abakolawewa, Atharagalla, Palukadawala, and Usgala Siyabalangamuwa are classified as major irrigation tanks, while Maha Galgamuwa, Maha Siyabalangamuwa, and Maha Nanneriya are designated as medium-scale tanks. Collectively, these schemes, managed under the jurisdiction of the Divisional Irrigation Engineer's Office, provide irrigation to approximately 3,071Ha. of paddy cultivation.

Nikaweratiya Division

The Nikaweratiya Division comprises three irrigation schemes. The Magalla tank is classified as a major irrigation tank, whereas Mediyawa and Hulugalla are categorized as medium-scale tanks. Magalla and Hulugalla tanks are situated within the Nikaweratiya Divisional Secretariat (DS) Division, while the Mediyawa tank is located in the Ambanpola DS Division. Collectively, these irrigation schemes, administered under the Divisional Irrigation Engineer's Office, support the irrigation of approximately 3,440 Ha. of paddy land.

Katugampola Division

The Katugampola Division comprises six irrigation schemes, including three medium-scale tanks, two anicut schemes, and one lift irrigation system. Makadura, Kiniyama, and Masurankotte are classified as medium tanks, while Nikapitiya and Madulla serve as anicut schemes which crossing the Kolomunuoya River. Wellangiriya operates as a lift irrigation system. These irrigation schemes, overseen by the Divisional Irrigation Engineer's Office, irrigate approximately 1,066 Ha. of paddy fields.

Wariyapola Division

The Deduru Oya irrigation scheme is the sole scheme maintained under the Divisional Irrigation Engineer's Office in Wariyapola. The total direct irrigable area for paddy cultivation is 2,225 hectares, while 405 hectares are allocated for other field crops (OFC). The scheme also supports an indirect cultivated area of 8,700 hectares, encompassing the regions of Puttalama, Magalla, and Katugampola. The irrigation system includes two primary canals: the Left Bank (LB) Main Canal, which irrigates 1,416 hectares, and the Right Bank (RB) Main Canal, which serves 1,215 hectares. Additionally, the lift irrigation system supports 405 hectares of OFC cultivation and serves 30MCM water for Inginiyitiya Scheme in Puttalam Region.

11.9.3 Details of Irrigation Schemes under the Region

Table 11-61: 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	303	1.85	2.31
	Kiniyama	0.856	132	132	132	0.802	1.00
	Madulla	Anicut	140	139	101	-	-
	Nikapitiya	Anicut	91	91	73	-	-
	Wellangiriya	Lift Irri.	81	81	81	-	-
	Masurankotte	0.701	111	111	111	1.01	1.35
Nikaweratiya	Magalla	9.151	2833	-	-	-	-
	Mediyawa	3.192	583	583	292	3.42	3.89
	Hulugalla	1.765	97	97	97	1.48	1.25
Hiriyala	Bathalagoda	5.953	3090	3090	3087	17.65	14.85
	Hakwatunaoya	24.264	2578	2578	1095	7.09	5.63
	Kimbulwanaoya	24.264	992	992	992	-	-
	Wennaruwewa	8.487	190	145	145	0.41	0.529
	Meddeketiya	1.833	98	98	98	0.24	0.25
	Diyathure	Anicut	231	230	130	-	-
	Moragoda	Anicut	223	223	223	-	-
	Morathioya	Anicut	100	100	50	-	-
	Welikumbura	Anicut	115	115	115	-	-
	Kospothuoya	Anicut	116	116	116	-	-
	Kalugalla	Lift Irri.	85	85	29	-	-
Galgamuwa	UsgalaSiyambalan gamuwa	26.740	850	850	850	8.3	7.63
	Atharagalla	4.55	419	419	198	2.4	1.26
	Palukadawala	9.491	971	587	223	6.94	5.52
	Ambakolawewa	8.270	340	340	202	2.22	1.34
	Mahagalgamuwa	7.733	170	163	163	0.21	0.91
	Mahananneriya	2.345	161	161	161	0.2	0.18
	Mahasiyabalanga muwa	3.209	166	166	121	0.43	0.35
Wariyapola	Deduruoya	75.00	2630	2630	2226	429	572.23

11.9.4 Major Works completed during the year

- a) Construction of conduit structure at 1+573 in branch canal 02 of LBMC in Deduru Oya
- b) Improvements of overtopping section from 1+075 to 1+192 LB off LBMC in Magalla Scheme.
- c) Construction of 225mm turn out structure at 7+200 in Magalla Feeder canal in Ridibendi Ela Scheme
- d) Re Construction of damaged canal spill cum causeway at 1+100 in Usgala Siyambalangamuwa LB yaya 5D canal.
- e) Construction of anicut structure at Palliya Amuna in Maha Galgamuwa
- f) Construction of 85 m long retaining wall structure in D canal of Kiniyama scheme in Katugampola Division.
- g) Construction of canal lining in Tambagalla main canal from 8+320km to 8+440km in Bathalagoda sheme.
- h) Rehabilitation of LB spill in Wennaruwewa Scheme.
- i) Improvements of Meddeketiya Tank bund road 0+650 m.
- j) Improvements to Netiya Nuwarakanda Road.

11.9.5 Divisional wise Allocation Distribution

Table 11-62: Divisional wise allocation distribution

Vote No. / Description	Allocation(Rs.'000)				
	Hiriyala	Galgamuwa	Nikaweratiya	Katugampola	Wariyapola
Departmental Votes					
282-2-2-0-2001-1 Maintenance & Improvements to Buildings	4,503	1,000	-	972	-
282-2-2-0-2001-3 Operation Maintenance of Lift Irrigation Works	80	-	-	777	-
282-2-2-0-2001-5 Improvements to Departmental Road in Irrigation Scheme	2,000	-	2,527	-	-
282-2-2-0-2001-8 FOD and Farm Productivity & Profitability	132	68	68	85	23
282-2-2-1-0001-2 O&M Gravity	36,532	22,987	19,364	10,210	21,287
282-2-2-0-2001-9 Flood Damage repairs and Other Repairs due to natural Disasters	3,527	-	228	-	-
282-2-2-0-2001-10 Improvement to Head Works of Tanks for Additional Safety	639	-	-	-	-
282-2-2-0-2001-12 Management Supporting Facilities	90	100	100	100	100
282-2-2-0-2001-15 Maintenance of Department Circuits Bungalows	338	-	-	-	-
282-2-2-0-2001-17 Improvements to Mechanical Workshop	981	-	-	-	-
282-2-2-4-2001-Essential Rehabilitation of Major Medium Irrigation	15,779	17,562	16,656	14,473	18,587
282-2-2-0-2001-12 Management supporting	90	100	100	100	100
282-2-2-0-2001-2 Operation and Maintenance of Gravity Irrigation Works(Wages)	-	400	400	300	193

Vote No. / Description	Allocation(Rs.'000)				
	Hiriyala	Galgamuwa	Nikaweratiya	Katugampola	Wariyapola
282-2-2-1-2001-1 Establishment & Improvement of unite office	349	-	2,766	-	817
282-2-2-0-2001-11 Land acquisition related to Irrigation projects	-	-	-	932	-
282-2-3-40-2105 Construction of Mahakithala entrance and Associated cannel	193	-	-	-	-
282-2-2-0-2001-19 Improvements to feeder canal	-	600	-	-	-
280-2-2-20015 Maintenance work in circuit bungalow	338	-	-	-	-
282-2-2-6-2105-1 Land acquisition under Deduru Oya Reservoir Projects	-	-	-	-	2,268
Ministry Votes					
198-2-3-8-2001-11 Rehabilitation of Major Medium Irrigation Scheme	4,196	2,362	7,505	2,430	8,765
198-2-3-0-2001Ministry Vote(IMD) Released by Irrigation Management Division	-	-	-	571	-

11.9.6 Projects implemented under other source of funds

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

Phase -I

Table 11-63: Details of the Phase I

Division	Scheme	Allocation Rs. '000	Expenditure Rs. '000	PP %
Hiriyala	Rehabilitation of D1,D2,D4 Canals	108,067	46,311	100%
Hiriyala	Rehabilitation of D5,D7,D7 RB	72,690	22,506	99%



Figure 11-137: D5 Canal in Bathalagoda Scheme



Figure 11-138: D7 Canal in Bathalagoda Scheme



Figure 11-139: Improvements to D1 Canals in Bathalagoda Scheme

Phase –II

Table 11-64: Details of the Phase II

Scheme	Allocation Rs.'000	Expenditure Rs.'000	Physical Progress %
Improvements to regulator gates at 20+300 Ridibendi Ella(DC/28)	923	551.9	100%
Construction of Bathing steps at 15+100 & 15+200(DC/29)	953.9	953.9	100%
Improvements to FC-09 in Kimbulwanaoya(DC/30)	2,525	2,525	100%
Construction of Conduit Structure at 2+020 km Branch Canal 03 off LBMC Deduruoya Reservoir.(DC/31)	3,945.3	3,945.3	100%
Improvements to LBMC from 0+550 km to 0+600 Kimbulwanaoya Scheme(DC/32)	2,932.2	2,932.2	100%
Improvements to FC03 of Newwa anicut at Mediyawa(DC/33)	2,439.4	2,439.4	100%
Construction of canal lining in Uyangalla main canal in Bathalagoda(DC/34)	2,464.0	2,464.0	100%
Improvements of Olukolawala LB main canal in Masurankotte(DC/35)	1,426.6	1,426.6	100%
Improvements to Pahalapitiya Agriculture Road from 0+000 to 0+650 in Nikapitiya Scheme(DC/36)	1,460.7	1,460.7	100%
Improvements to FC14 in Kimbulwanaoya Scheme(DC/61)	3,816.8	3,816.8	100%
Construction of Causeway Structure at Service Road of RBMC in Bogollagama(18+450m) (DC/62)	1,086.9	1,086.9	100%
Improvements to Kiniyama feeder canal Stage I in Kiniyama Scheme(DC/86)	3,316.2	3,316.2	100%
Improvements to Kiniyama feeder canal Stage II in Kiniyama Scheme(DC/87)	3,890.3	3,890.3	100%
Rehabilitation from 0+093 to 0+225 in RBMC in Maddeketiya Scheme(DC/88)	3,649.5	3,649.5	100%
Improvements to FC-28 LB off RBMC in Magalla(DC/89)	3,769.5	3,769.5	100%
Improvements to LB off RBMC at Hulugalla Tank(DC/90)	2,083.5	2,083.5	100%
Improvements to Mahananneriya Tank Bund at 0+500 Vehicle Crossing(DC/91)	1,963.1	1,963.1	100%
Repair of Palukadawala regulator gates	2,316.2	2,316.2	100%

b. Wew Gam Pubuduwa Project

Table 11-65: Details of the Wew Gam Pubuduwa Project

Division	Scheme	Expenditure Rs.'000	Physical Progress (%)
Galgamuwa	Rehabilitation of Ihala Palukandewa.	1,098.1	100%
	Rehabilitation of Pahala Palukandewa.	580.8	100%
	Rehabilitation of Rambottukulama	7,154.9	100%
	Rehabilitation of Welihiddewawewa	4,731.1	100%



Figure 11-140: Rehabilitation of IhalaPalukandewa.



Figure 11-141: Rehabilitation of Pahala Palukandewa.

c. Climate Resilience Multi-Phase Approach (CResMPA)Project–Phase 1- lot 1

Table 11-66: Progress of the Project Phase I

Division	Scheme	Allocation Rs.'000	Expenditure Rs.'000	Physical Progress (%)
Hiriyala	Fabrication, sand blasting & Installation 02no's vertical gates at Banduwatta Anicut and Repair of GI pipe hand rail.(DC/006)	794.5	696.8	100%
Wariyapola	Fabrication,sand blasting & Installation 05no's vertical gates ,Regulator Gates Wal Paluwawewa and Panda wewa.(DC/001)	3,730.8	3,193.3	100%
Nikaweratiya	Repairs of Magalla RB Sluice Gate (DC/002)	1,901	400.9	100%
Galgamuwa	Supply and installation of CI gates with hoisting mechanisms Usgala Siyambalangamuwa(DC/007)	1,078.6	1,048.1	100%
Katugampola	Repairs,sandblasting,painting&installation,08 No's of vertical gates Nikapitiya anicut Gates.(DC/003)	1,850.0	1,535.5	100%
Katugampola	Repair,Fixing Hoisting Mechanism of Madulla Anicut Gates.(DC/004)	2,793.2	2,560.3	100%
Katugampola	Supply and installation of Sluice gate Katugampola Division.(DC/005)	291.8	200.1	100%



Figure 11-142: Half Round Canal System at Wellangiriya

11.9.7 “Wap Haula” Program

Table 11-67: Details of the “Wap Haula” Program

Nature of the Activity	Division	Hiriyala	Galgamuwa	Nikaweratiya	Katugampola	Wariyapola
Number of Schemes		9	7	2	6	1
1. Cultivation Meetings						
1.1 Pre Cultivation meeting		18	7	4	12	2
1.2 Cultivation Meeting		18	7	4	12	2
2. Organizational Activities						
2.1 Conducting FO Election		2	1	1	01	-
2.2 Conducting FO Annual General meeting		2	-	2	02	-
2.3 Conducting PMC Meetings		25	10	6	12	3
2.4 Preparation of FO Final Accounts		-	-	2	01	-
3. Capacity Building						
3.1 Financial Management		-	-	5	-	-
3.2 Income Management etc....		-	-		-	-
4. Participatory Management						
4.1 Shamadana for clearing canal bunds		4	10	2	-	7
4.2 Maintenance of Farm Roads		-	-	-	-	-
4.3 Maintenance of drainage canals		-	-	-	-	-
5. Awareness programme						
5.1 Home gardening		2	-	-	01	-
5.2 OFC Cultivation		2	-	1	06	10
6. Other Activities		1	-	1	02	-

11.9.8 Drinking water Extraction

Table 11-68: Details of Drinking Water Extraction from reservoirs under Kurunegala Region

Water Supply Scheme	Reservoir	Extracted Amount	
		m ³ per Day	Annual MCM
Polpithigama - Mahawa Drinking water project	DeduruOya	16,500	6.023
Nikaweratiya – Mahawa Drinking water project	Magalla	4,500	1.642

11.9.9 Social Activities



Figure 11-143: Awareness Program on Exporting Crops for the farmer organizations in Moragoda Scheme_Hiriyala Division



Figure 11-144: Awareness Program on Importance of Commercial Crops

11.9.10 Staff position

Table 11 68: 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	2	1	1	1	1	1	1	1	1	1	1
Engineer (ER)	1	1	-	-	-	-	-	-	-	-	-	-
Accountant	1	1	-	-	-	-	-	-	-	-	-	-
Administrative Officer	1	1	-	-	-	-	-	-	-	-	-	-
Drawing Officer Assistant	1	1	-	-	-	-	-	-	-	-	-	-
Divisional Assistant	-	-	1	0	1	0	1	0	1	0	1	0
Engineering Assistant	-	-	9	7	14	10	10	6	7	3	8	7
Institutional Development Officer	1	0	-	-	-	-	-	-	-	-	-	-
Draughtsman	5	5	3	1	3	2	3	1	3	2	3	2
Development officer	1	9	3	4	2	6	4	4	2	3	2	7
Management Assistant	15	16	5	6	5	6	5	5	5	6	5	3
Store Keeper	-	-	1	1	1	-	1	-	1	-	1	-
Technical Aide	-	-	6	6	10	10	7	7	5	5	5	8
Driver	4	4	3	2	3	2	3	2	3	3	3	7

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
KKS	4	2	1	1	1	1	1	1	1	1	1	2
Circuit Bungalow Keeper	1	-	-	-	1	-	-	-	-	-	-	-
Plan Printer Helper	1	1	-	-	-	-	-	-	-	-	-	-
Tractor Operator	7	-	-	-	-	-	-	-	-	-	-	1
Store Keeper Assistant	-	-	1	1	1	-	1	-	1	1	1	1
Department Clerk	-	-	1	-	-	-	-	-	-	-	-	-
Pedareru	1	-	-	-	-	1	-	-	-	-	-	-
Electrian	-	-	-	-	-	-	-	-	-	-	-	1
Greaser	2	-	-	3	-	-	-	-	-	-	-	1
Lorry Assistant	2	-	-	-	-	-	-	-	-	-	-	-
Carpenter	1	-	-	-	-	-	-	-	-	-	-	-
Operator	13	-	-	2	-	1	-	3	-	-	-	2
O & M Labour	-	-	9	2	16	-	10	-	5	-	07	1
(Maintenance Labour)	-	-	9	4	-	2	10	-	5	-	7	1
Field Watcher	1	-	1	1	1	-	1	2	1	-	1	-
Labour	1	-	-	-	-	-	-	1	-	-	-	-
Labour 25/2014	2	2	9	8	16	16	16	14	3	4	32	29
Irrigation Attendant	-	-	3	-	18	-	4	-	-	-	-	5

11.10 Mannar Region

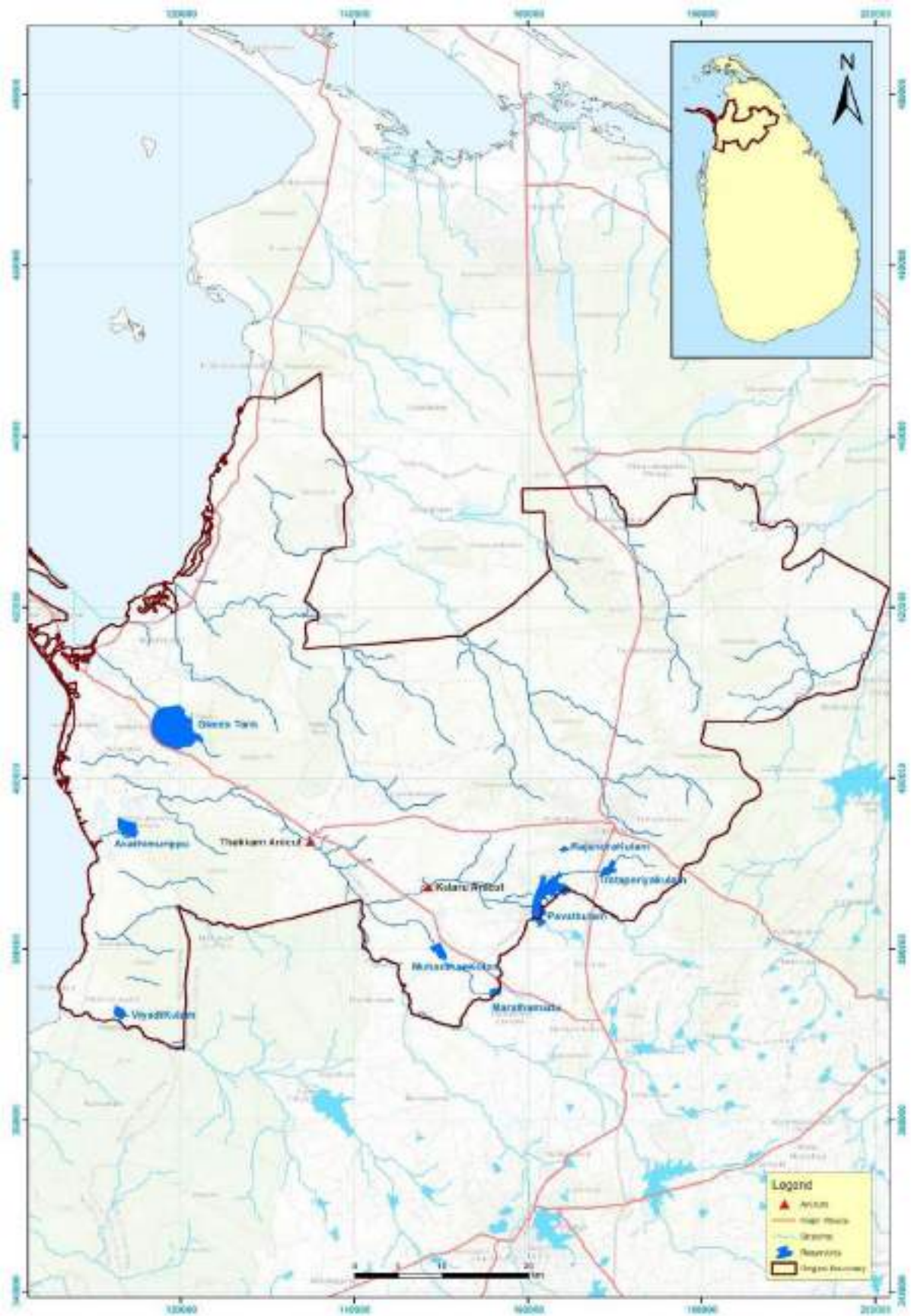


Figure 11-145: Scheme Map of Mannar Region

11.10.1 Introduction

Office of the Director of Irrigation, Mannar region coordinates the functions of three Divisional Irrigation Engineers' offices which are responsible for operation and maintenance as well as improvements in Irrigation, Drainage and Flood Protection of major and medium irrigation schemes in two administrative districts Vavuniya and Mannar in Northern Province. There are eight major and medium schemes and one Anicut scheme under this purview which irrigate 18,687 hectare of paddy lands.

11.10.2 Divisions under the purview of the Region

- Murunkan Division
- Silawathurai Division
- Vavuniya Division

11.10.3 Details of the Irrigation Schemes under Mannar Region

Table 11-69: The Details of the Irrigation Schemes under Mannar Region.

Division	Schemes	Capacity at FSL (MCM)	Extent (ha)	Cultivated Extent (ha)		Total Water usage (Main sluice issue) (MCM)	
				Maha 23/24	Yala 2024	Maha 23/24	Yala 2024
Murunkan	Giants Tank	38.00	12,683	12,683	7,977	78.97	41.63
Silawathurai	Akaththimurippu	9.40	2,570	2,570	315	12.90	1.78
	Viyadikulam	3.04	628	628	628	14.18	9.78
Vavuniya	Pavatkulam	33.21	1,674	1,593	769	15.50	11.65
	Muhathankulam	2.95	342	342	97	1.96	0.94
	Irataperiyakulam	4.35	249	249	203	0.88	1.54
	Maruthamadu	1.85	178	177	91	1.24	1.24
	Rajendrankulam	1.05	120	119	52	0.28	0.42
	Kal-Aru	Anicut	243	242	147	1.96	2.87

11.10.4 Major Works Done During the 2024



Figure 11-146: Construction of box culvert at Issaimalaithalvu canal end



Figure 11-147: O &M works at Akathimurippu



Figure 11-148: Improvements to 7th Sluice Canal Road in Akkathimurippu Scheme



Figure 11-149: Improvements to Viyadikulam spill tail canal

11.10.5 Divisional wise Allocation Distribution

Table 11-70: Divisional wise Allocation Distribution

Vote No.& Description	Allocation (Rs. '000)			
	DI's Office	Murunkan	Silawathurai	Vavuniya
O & M Gravity Works (282-02-2-1-2001-3-G)	2,867	65,973	34,749	22,449
Management Supporting Facilities (282-2-2-0-2001-12)	4	60	50	50
O & M Wages (282-02-2-0-2001(11)-2)	-	400	700	99
Essentials Improvements Rehabilitation of Major Medium Irrigation Schemes (282-02-02-04-2001(11)-1)	-	9,260	17,684	37,158
Establishment and improvements to unit office (282-02-02-01-2001-1)	-	-	1,015	-
Flood Damage Repairs (282-02-02-0-2001(11)-9)	-	1,137	-	5,000
Maintenance and Improvements to Buildings. (282-02-02-0-2001(11)-1)	-	585	-	2,200
FOD Farm Productivity & Profitability (282-02-02-0-2001-8)	-	-	-	25
Improvements to head works of tank for additional safety (282-02-02-0-2001-10)	-	-	-	1,064
Maintenance and Improvements to Model Farm (282-02-02-0-2001-20)	-	497	-	-
Maintenance of Department Circuit Bungalow (282-02-02-0-2001(11)-10)	-	-	-	200
RMMIS (198-02-03-08-2001(11)-11)	-	3,111	4,265	13,057
FOD Farm Productivity & Profitability 282-02-02-0-2001(11)-8	-	86	22	-
Improvements to feeder canals (282-02-2-0-2001-(11)-2)	-	-	325	-
Maintenance of Departmental Roads (282-02-02-0-2001(11)-5)	-	948	-	2,080
Geo Information studies (282-02-02-2507-11-009-6)	-	-	-	200
Improvements to Water Management & Conveyance Efficiency (282-2-2-1-2001(11)-3)	-	810	1,429	1,069

11.10.6 Projects Implemented Under Other Source of Funds.

a. IWWRMP (Main Package)

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 11-71: Progress of the works

Projects	Approved Amount / TCE Rs. '000	Expenditure Rs. '000	Physical Progress
Improvements to Muhathankulam main canal from 0+000 to 4+400	196,848	97,443	100%
Improvements to Akathimurippu tank bund from 0+000 to 6+450	442,462	283,907	94%

b. IWWRMP (Re purposing)

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 11-72: Progress of the works

Division	Scheme	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress
Murunkan	Giants Tank	24,287	22,790	100%
Silawathurai	Akaththimurippu	30,283	23,586	100%
	Viyadikulam			
Vavuniya	Pavatkulam	40,610	39,164	100%
	Muhathankulam			
	Kal-Aru			
	Rajendrankulam			

c. CResMPA

The Climate Resilience Multi-phase Programmatic Approach is funded by the World Bank for Reconstruction and Development and executed by the ministry of irrigation. The project aims to ensure direct benefits to the vulnerable communities in major, medium and minor irrigation schemes and urban and semi-urban areas where these communities were hard hit due to the impact of the chemical fertilizer importation banning and thereafter the economic crisis prevailed in Srilanka.

Table 11-73: Progress of the works

Division	Scheme	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress
Murunkan	Giants Tank	71,629	29,263	50%
Silawathurai	Akaththimurippu	46,518	11, 084	60%
	Viyadikulam			
Vavuniya	Pavatkulam	96,039	56,316	85%
	Muhathankulam			
	Kal-Aru			
	Rajendrankulam			

d. Smallholder Agribusiness and Resilience Project (SARP)

Smallholder Agribusiness and Resilience Project (SARP), a six-year project jointly financed approximately USD 82 million by the International Fund for Agricultural Development (IFAD), the Government of Sri Lanka and other stakeholders aims to build resilience and market participation of 40,000 rural households (180,000 persons) in mostly affected 03 river basins and 06 districts of Sri Lanka by climate change. Six districts are Puttalam, Kurunegala, Matale, Anuradhapura, Vauniya and Mannar. Three river basins are Malwathuoya, Meeoya, and Deduruoya.

Under the Malwathuoya River basins 26 minor tanks were selected in Mannar region (16 tanks in Silawathurai and 11 tanks in Murunkan divisions) for this project. TEC for the whole project in both division is Rs.409,620,000.

11.10.7 “Wap Haula” Program.

Table 11-74: Details of the “Wap Haula” Programme

	Division	Murunkan	Silawathurai	Vavuniya
	Nature of the Activity			
	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	-	-	17
2.2	Conducting FO Annual General Meetings	-	-	17
2.3	Conducting PMC Meetings	-	10	12
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	-	02	-
4.2	Maintenance of Farm Roads	-	-	-
4.3	Maintenance of Drainage Canals	-	06	-
5.0	Awareness Programmes			
5.1	Home Gardening	-	-	-
5.2	OFC Cultivation (Ha.)	1,746.5	63	81
6.0	Other Activities			
6.1	Deva Puja, Pirith etc.	2	1	1

11.10.8 Staff Position of the Region

Table 11-75: Staff Position of the Region

No	Designation	DI Office		Divisional Irrigation Engineer's Office					
		Approved	Actual	Murunkan		Silawathurai		Vavuniya	
				Approved	Actual	Approved	Actual	Approved	Actual
01	Director of Irrigation	1	1	-	-	-	-	-	-
02	Chief Engineer	1	1	-	-	-	-	-	-
03	Irrigation Engineer	4	2	1	1	1	1	1	1
04	ER Engineer	1	1	-	-	-	-	-	-
05	Accountant (Acting)	1	1	-	-	-	-	-	-
06	AO (Acting)	1	1	-	-	-	-	-	-
07	DOA	1	-	-	-	-	-	-	-
08	IDO	1	-	-	-	-	-	-	1
09	DO	1	7	2	3	2	3	2	2
10	DA	-	-	1	1	1	1	1	1
11	EA	-	-	9	5	7	2	7	4
12	Technical Aide	-	-	13	10	4	4	3	6
13	Draughtman	4	3	3	1	3	1	3	1
14	CEMS	1	1	-	-	-	-	-	-
16	MSO	15	1	5	1	5	-	5	1
17	Store Keeper	-	-	1	1	1	1	1	1
18	Store Assistant	-	-	1	-	1	-	1	-
19	Design Printer Helper	1	1	-	-	-	-	-	-
20	O&M Labourer	-	-	26	1	9	-	7	6
21	Driver	3	-	3	-	3	2	3	-
22	Operator	6	-	-	-	-	-	-	-
23	Greaser	-	-	3	-	-	-	-	-
24	Labourer 25/2014	5	4	36	28	8	3	10	8
25	Labourer -Dept	2	2	-	-	-	-	1	-
26	Field Watcher	1	-	1	-	1	1	1	1
27	Tractor Operator	6	-	-	-	-	1		2
28	Lorry Assistant	-	-		-	-	1	-	-
29	K.K.S	4	1	1	-	1	-	1	-
30	Carpenter	1	-	-	-	-	-	-	1
31	Irrigator	-	-		-	-	-	-	1
32	Meson	1	-	-	-	-	-	-	-

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Figure 11-150: Scheme Map of Monaragala Region

11.11.1 Introduction

The Monaragala District has a population of 505,312. A major portion of the population is engaged in agriculture. This district is predominantly agricultural and has a land extent of 34,900 ha to undertake paddy cultivation. In addition, cultivation of other field crops, livestock farming, and inland fisheries are the main components. 65,000 farm families are engaged in agriculture-related activities. Moneragala district is blessed with 12 river basins, but the adjoining district mostly utilizes the water resources of these basins. The catchment area of some of the large reservoirs (Senanayake Samudra, Udawalawe) is wholly or partially within the district but the command area is outside the district. This district has 6 major, 18 medium, and more than 100 minor irrigation tanks including more than 100 Anicuts.

There are thirty- seven irrigation schemes in the Monaragala region, which include three major schemes, nineteen medium schemes, and fifteen anicut schemes. Welioya main canal of Welioya Anicut feeds thirty-two different small tanks that Monaragala Region presently maintains. The total storage facility is 90.89 MCM whereas anicut schemes utilize water per season. The total irrigable extent in Monaragala region is 8866 Hectares. There are four Irrigation Engineer's Divisions and Mechanical Workshop located in Monaragala district for the operation and maintenance of these schemes.

11.11.2 Divisions under the purview of the Region

Monaragala Division

Monaragala Divisional Irrigation Engineer's Division is it covers the area belonging to Monaragala, Siyambalanduwa, Buttala, Badalkumbura and Madulla divisional secretariats. It has ten irrigation schemes such as Muthukandiya, Ethimale, Buttala, Kumbukkana, Yudaganawa, Sugaladevi, Kotiyagala, Saddathissa, Hulandawa and Raja Ela Feeder Canal (Proposed). Under these ten schemes, irrigation facilities provide 3696 Ha for seasonal paddy cultivation and around 4,143 farmer families are getting benefitted.

Wellawaya Division

Wellawaya Divisional Irrigation Engineer's Division is covers the area belonging to Wellawaya, Tanamalwilla, Buttala, and Katharagama divisional secretariats. It has fifteen irrigation schemes such as Handapanagala, Pelwatta, Kukurampola, Sudupanawela, Malwatthawala, Dambewewa, Alugalge, Balaharuwa, Debara Ara, Detagamuwa, Mailegama, Karavila, Gal Amuna, Halmillapillawa, and Horobokka. Under these fifteen schemes, irrigation facilities provide 3092 Ha for seasonal paddy cultivation, and around 4139 farmer families are getting benefitted.

Bibile Division

Bibile Divisional Irrigation Engineer's Division is covers the area belonging to Bibile, Medagama, and Madulla divisional secretariats. It has five irrigation schemes such as Baduluoya, Dehiyathawala, Magandan Oya, Monarawa, and Mallipottha. Under these five schemes, irrigation facilities provide 716.30 Ha for seasonal paddy cultivation, and around 1207 farmer families are getting benefitted.

Welioya Division

Welioya Divisional Irrigation Engineer's Division is it covers the area belonging to Tanamalwilla divisional secretariat. It has five irrigation schemes such as Welioya, Hambegamuwa, Kandyapitta, Kahakurullanpella, and Mahawewa. Under these five schemes, irrigation facilities provide 1368.6 Ha for seasonal paddy cultivation, and around 1800 farmer families are getting benefitted.

11.11.3 Details of Irrigation Schemes under the Region

Table 11-76: The details of the Irrigation schemes under the region -Reservoirs

No	Division	Scheme	Capacity at FSL (MCM)	Irrigable Extent (ha.)	Cultivated Extent (Ha)		Total water issue from the sluice (MCM)	
					Maha	Yala	Yala	Maha
Major								
1	Monaragala	Muthukandiya	30.3	809	809	809	9.41	11.92
2	Monaragala	Ethimale	6.8	406	406	406	4.95	2.32
3	Wellawaya	Handapanagala	18.25	1153	1153	1153	10.9	16.37
Medium								
4	Wellawaya	Alikota Ara wewa	6.5	-	-	-	-	-
5	Wellawaya	Balaharuwa	1.08	184	184	184	1.63	2.72
6	Wellawaya	Dambe wewa	1.4	132	132	132	1.2	1.05
7	Wellawaya	Halmillapillewa	2.5	113	113	113	0.78	1.3
8	Wellawaya	Mailagama	0.42	107	96	96	0.96	1.6
9	Wellawaya	Debara ara	1.2	85	85	85	0.78	1.3
10	Wellawaya	Karawila	0.42	75	61	61	0.69	1.15
11	Wellawaya	Alugalge	0.74	69	69	69	0.58	0.96
12	Wellawaya	Detagamuwa	1.01	66	62	62	0.59	0.99
13	Weli Oya	Hambegamuwa	5.1	238	238	230	4.14	4.63
14	Weli Oya	Kandiyapita	1.5	165	165	165	2.1	2.66
15	Weli Oya	Kahakurullanpelessa	0.48	101	40	18	0.6	-
16	Weli Oya	Maha Wewa	0.78	85	85	32	0.86	0.514
17	Bibile	Mallipotha	0.91	28.3	70			
18	Bibile	Badulu oya	2.7	214	214	130	0.48	2.16
19	Monaragala	Yudaganawa	1.9	184	184	184	2.24	1.38
20	Monaragala	Kotiyagala	2.6	182	182	182	2.22	-
21	Monaragala	Saddathissa	1.4	171	171	99	-	1.59
22	Monaragala	Sugaladevi	2.9	192	75	75	0.88	1.32

Table 11-77: The details of the Irrigation schemes under the region -Anicuts

No	Division	Name of scheme	Irrigable Extent (ha.)	Cultivated Extent (Ha)		Total water issue from the sluice (MCM)	
				Maha	Yala	Maha	Yala
Major							
1	Monaragala	Kumbukkan Oya	850	850	850	10.37	8.47
2	Monaragala	Buththala	811	811	811	6.94	12.3
3	Weli Oya	Weli Oya	779	752	752	26.26	37.06
Medium							
4	Bibile	Dehiaththawela	300	300	188	2.74	2.34
5	Bibile	Monarawana	93	53	44	0.48	0.19
6	Bibila	Magandana Oya	81	48.50	28	0.37	0.49
7	Wellawaya	Gal Amuna anicut	283	Cultivated by the Agrarian department			
8	Wellawaya	Kukurampola	223	223	223	2.04	3.4
9	Wellawaya	Pelwatta	172	172	172	1.57	2.62
10	Wellawaya	Sudupanawela	156	156	156	1.43	2.38
11	Wellawaya	Horabokka	142	142	113	1.3	1.85
12	Wellawaya	Malwaththawela - Radapola	132	132	122	0.89	1.59
13	Monaragala	Hulandawa LB	91	87	30	0.78	0.43
14	Wellawaya	Hangunara feeder canal	21.4	21	21		

- Total No. of Reservoirs - 22
- Total No. of Anicuts - 14
- Total Irrigable Extent (ha.) - 8,866

11.11.4 Major work done during the year

During the financial year 2024, Monaragala Region completed major works components under the block votes and CResMPA such as the Rehabilitation of the Karawila Tank bund in the Karawila Scheme, the Widening of the spill tail canal in the Hambegamuwa scheme, the Protection of the River bank by providing timber piles at RB Embankment near Dunumewa bridge of Galoya River in Dunumewa Scheme. Clearing and Desilting of Gal Oya River protection at RB bank in Wellassa National College Bible, Improvements of Detagamuwa spill tail canal from 0+592 to 0+777 in Detagamuwa scheme, Construction of RB side retaining wall at 0+540 in Makul ara in Kumbukkana scheme, Improvements to FC 03 canal and bund road of RB main canal in Handapanagala wewa, Improvements to Palugasmada Feeder Canal, Improvements to Kindaliya tank canal, Rehabilitation of FC canal, Bund road system at Demaliya scheme, Rehabilitation of Main canal in Yudaganawa scheme.



Figure 11-151: Operation and Maintenance Works in Dehiyathwala Scheme- Bibila Division



Figure 11-152: Improvements to DIE's office Building in Bibila Division



Figure 11-153: Improvements Head Works of Tanks for Additional Safety in Monarawewa Scheme – Bibila Division



Figure 11-154: Clearing of obstacles along the canal spill in Kahakurullampalassa scheme – Weli oya Division



Figure 11-155: Clearing Kumbukkana oya river U/S & D/S anicuts & Makul Ara stream in Monaragala Division



Figure 11-156: Embankment protection of river bank by providing timber piles in Galoya river in Bibila Division

11.11.5 Divisional Wise Allocation Distribution

Table 11-78: Divisional wise allocation distribution

Description/ Vote No.	Allocation (Rs.000')				
	Monaragala	Bibile	Wellawaya	Welioya	DI office
Maintenance & Improvements to Buildings 282-2-2-0-2001-1	-	5,490	-	2,170	-
Management Supporting Facilities 282-2-2-0-2001(11)12	50	40	50	40	70
O & M Gravity works wages 282-2-2-0-2001-2	375	275	325	275	250
Maintenance & Improvements to Roads 282-2-2-0-2001(11)5	1,870	43	1,530	1,300	-
Flood Damage Repairs and other repairs due to Natural Disasters 282-2-2-0-2001(11)9	6210	2,500.00	10,050	2,050	-
O & M Gravity irrigation works 282-2-2-1-2001(11)2	28,190	8,990	29,090	24,780	3,440
Essential Rehabilitation of Major Medium irrigation schemes 282-2-2-4-2001	32,610	22,460	29,210	16,370	
RMMIS 198-2-3-8-2001 (11)	21,830	22,810	30,920	6,420	-
FOD & Farm productivity & Profitability 282-2-2-0-2001 (11) 8	170	120	200	75	-
Electrical & Electro Mechanical 282-2-2-0-2001 (11) 7	730	-	950	-	-
Improvements Head Works of Tanks for Additional Safety 282-2-2-0-2001 (11) 10	-	3,330	-	-	-
Recovery of Possession & Safeguarding of Dept. Lands & Reservation 282-2-2-0-2001 (11) - 11	750	-	-	-	-
Improvements to tail canal and drainage system in Irrigation scheme 282-2-2-0-2001 (11) 16	500	-	-	1,280	-
Improvements to Water Management & conveyance efficiency 282-2-2-1-2001 (11) 3	1,612	-	-	-	-
Clean River Programme 282-2-2-5-2105 (11) 5	1,150	-	580	-	-
Community Awareness 282-2-2-5-2105 (11) - 5	-	-	-	-	89
Embankment Protection 282-2-2-5-2105 (11) 6	47,880	20,050	27,430	-	-

11.11.6 Projects Implemented under other Source of Funds

a. IWWRMP

The Project aims to ensure direct benefits to the vulnerable communities in major, medium and minor irrigation schemes where these communities were hard hit due to the impact of banning chemicals and fertilizers thereafter the economic crisis prevailed in Sri Lanka.

Completed works	- 53 Nos
Major/Medium and minor irrigation works	- Rs. 98.66 million
For IOC	- Rs. 10.42 million
Total for the project	- Rs. 109.08 million

Table 11-79: Some items completed in 2024 (Expenditure more than 2.0Mn)

Division	Scheme	Description of works	Expenditure Rs'000	Physical Progress
Monaragala	Saddathissa	Improvements to the Damaged section of RB main canal @ 4+550 to 4+700	3,706.55	100%
Monaragala	Kotiyagala	Improvements to regulator structures along main canal	4,043.58	100%
Weli Oya	Kandiyapita	Improvements to structures in tail end of LB tank RBMC in Kandiyapita scheme	2,555.22	100%
Monaragala	Saddathissa	Improvements to the Damaged section of RB main canal @ 4+225 to 4+400	3,499.00	100%
Weli Oya		Improvements of Pinthaliya Tank	2,938.40	100%
Monaragala	Muthukandiya	Construction of bridge over Muthukandiya MC to 2 piyawara Gammanaya	2,990.09	100%
Monaragala	Ethimale	Improvements of FC 25 in Ethimale Scheme	3,273.30	100%
Monaragala		Improvement of Feeder Canal and Field Canal in Uluarawa tank in Badalkumbura	2,394.87	100%
Weli Oya	Hambegamuwa	Improvements of LB Main Canal Up to FC 19 and Construction of T/O at FC 20 in Hambegamuwa Scheme	4,243.49	100%
Monaragala	Muthukandiya	Improvements to over topping section at 13+100 km of Main canal	2,474.94	100%
Monaragala	Ethimale	Construction of drainage inlet and silt ejector at 2+240 in main canal	3,067.22	100%
Welioya	Welioya	Repairs to 8 Nos of turnout structures at stn.7+511,10+274,11+502,13+498,13+698,15+975,22+057,23+507 in Welioya main canal	3,210.00	100%
Wellawaya	Gal amuna	Desilting, preparation of canal section from 3+000 to 6+000 of Gal amuna feeder canal	2,071.38	100%
Monaragala	Kumbukkana	Construction of field access box culvert 0+090 in Dagaba ela	2,183.19	100%
Wellawaya	Handapanagala	Improvements of FC 29 canal and canal bund road from 0+000 to 0+300 in Handapanagala scheme	3,001.05	100%

Division	Scheme	Description of works	Expenditure Rs'000	Physical Progress
Welioya	Kandiyapita	Improvements to structures in FC 8 in RB tank in Kandiyapita scheme	4,199.44	100%
Monaragala	Ethimale	Clearing of water weeds in Dozer Tank	4,726.43	100%
Monaragala		Improvements of Mahawela field Canal System	3,320.55	100%
Monaragala		Demolishing & Re Construction of 109m long canal lining at 1+300 km in Koongaha wewa (RB) Main Canal in Buththala	2,544.60	100%
Monaragala		Rehabilitaion of Bathlakotuwa ara canal system and U/S anicut	3,058.22	100%
Monaragala		Improvements of spill & removing water weeds in karamati ara tank	3,201.59	100%
Monaragala	Muthukandiya	Improvements of FC 59 in Muthukandiya Scheme	2,025.98	60%
Monaragala	Buttala	Demolishing and Reconstruction of trough cum canal lining at 1+926 in Muthukeliyawa main canal in Buththala	4,513.52	100%

b. CResMPA

The Project aims to ensure direct benefits to the vulnerable communities in major, medium, and minor irrigation schemes where these communities were hard hit due to the impact of banning chemical fertilizer thereafter the economic crisis prevailed in Sri Lanka.

The total No Objection amount for Monaragala district is Rs. 484.20 million and expenditure was Rs.199.06 million.

Table 11-80: Some items completed in 2024

Division	Description of the package	Expenditure (Rs.000')	Physical Progress %
Monaragala	Improvements of causeway at 8+620 in bund road in Muthukandiya Scheme	7,141.30	100%
Bibile	Construction of canal lining from 1+409 to 1+475 in LBMC in Dehiathhawela anicut	3,598.04	100%
Bibile	Construction of 60 m long canal lining from CH 5+832 to CH 5+892 in Badulu Oya	3,195.83	100%
Bibile	Construction of canal lining from 1+394 to 1+409 in LBMC in Dehiathhawela anicut	1,195.72	100%
Welioya	Construction of 61m long R/W at LB side from 0+282 to 0+343 in LBMC	3,757.00	100%
Wellawaya	Construction of new canal spill at 2+600 km in Horabokka main canal	2,390.20	100%
Wellawaya	Improvements to FC 03 canal & bund road of RB main canal in Handapanagala wewa	11,959.47	100%
Monaragala	Construction of 30m long trough structure from 0+126 to 0+156 in Main canal	7,008.05	100%

Division	Description of the package	Expenditure (Rs.000')	Physical Progress %
Wellawaya	Improvements to Palugasmada Feeder Canal	3,673.73	90%
Monaragala	Demolishing damaged trough & canal lining at 2+250 in main canal	7,170.55	100%
Monaragala	Construction of 120 m long concrete canal lining from stn. 0+220 to 0+340 in wewa canal of Dageba farmer Organization of Kumbukkana scheme	3,400.54	100%
Wellawaya	Improvements of 0+000 to 2+000 RB main canal in Mailagama tank	3,001.26	100%
Wellawaya	Improvements to FC 50 canal & bund road of RB main Canal in Handapanagala	5,306.08	100%
Monaragala	Construction of 7m long R/W at Wila oya weir	4,199.01	100%
Monaragala	Construction of 55m R/W at 10+100 of main canal	4,450.76	100%
Siyambalanduwa	Extension of LB and RB canals in Kiule tank (500m)	4,332.63	80%
Wellawaya	Improvement to Nawaara Tank LB canal	4,832.36	100%
Wellawaya	Improvement to Nawaara Tank RB canal	4,173.96	85%
Madulla	Improvements to Kirioruwa Tank canal system	4,905.36	85%
Buttala	Rehabilitation of Waliara tank - LB canal	5,060.34	90%
Monaragala	Rehabilitation of Thenagallanda Tank canal system	3,302.30	85%
Bibila	Rehabilitation of Bediwewa Canal system in Badiyawa	4,753.21	95%
Bibila	Rehabilitation of Monarawana LBMC with in 2+400 to 4+200	7,879.93	95%
Wellawaya	Improvements of syphon structure of Handapanagala RBMC	7,213.08	100%
Weli Oya	Improvements to FC 2 in LBMC in Hambegamuwa	3,126.71	100%
Bibila	Improvements to Madippalammulla D Canal in LBMC	5,016.66	90%
Monaragala	Rehabilitation of Main canal in Yudaganawa scheme	6,122.36	95%
Wellawaya	Improvement to Akkarawissa 20 Canal system	4,495.12	100%

11.11.7 “Wap Haula” Progarmme

Table 11-81: “Wap Haula” Progarmme

Division Nature of the Activity	Moneragala	Wellawaya	Bibile	Weli Oya
Number of schemes	10	15	05	05
1.0 Cultivation Meetings				
1.1 Pre-Cultivation Meeting	16	32	8	13
1.2 Cultivation Meeting	10	18	2	06
2.0 Organizational Activities				
2.1 Conducting FO Election	-	02	01	4
2.2 Conducting FO Annual General meetings	01	20	01	20
2.3 Conducting PMC meetings	26	32	16	16
2.4 Preparation of FO final Accounts	01	01	01	-
3.0 Capacity building				
3.1 Financial Management	-	-	-	-
3.2 Income Management etc.	-	-	-	-
4.0 Participatory Management				
4.1 Shramadana for clearing canal bunds	18	26	8	15
4.2 Maintenance of Farm Roads	-	-	-	-
4.3 Maintenance of Drainage canals	-	-	-	-
5.0 Awareness Program				
5.1 Home gardening	-	-	-	-
5.2 OFC Cultivation	-	2	-	3
6.0 Other Activities				
6.1 Deva Puja, Pirith etc.	3	4	2	5

11.11.8 Drinking Water Extraction

Table 11-82: Details of Drinking Water Extraction

Water Supply Scheme	Reservoir	Extracted Amount	
		m³ per day	Annual MCM
Shiyambalanduwa Water Supply Scheme	Muthukandiya	3000	1.098

11.11.9 Staff Position

Table 11-83: Staff position of the region

No	Designation	DI Office		Divisional Engineer's office							
				Monaragala		Bibile		Wellawaya		Welioya	
		Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
1	Director of Irrigation(Civil)	1	1		-		-		-		-
2	Chief Engineer	1	1		-		-		-		-
3	Engineer (Civil)	4	3	1	1	1	1	1	1	1	1
4	Engineer (Geo Resources)	2	1		-		-		-		-
5	Accountant	1	1		-		-		-		-
6	Drawing Office Assistant	1	1								
7	Administrative Officer	1	1		-		-		-		-
8	Divisional Assistant		-	1	-	1	-	1	-	1	-
9	Institute Development Officer	1			-		-		-		-
10	Development Officer	1	2	3	3	2	2	4	6	2	2
11	Engineer Assistant			11	7	8	5	14	10	5	4
12	Draughtsman	4	2	3	1	3	1	3	1	2	1
13	Management Service Officer	15	12	5	4	5	4	5	4	5	4
14	Stores Keeper			1		1	1	1	1	1	
15	Technical Aid		-	5	4	4	7	6	10	4	4
16	Driver	4	4	3	6	3	3	3	3	3	2
17	Operator	7	-		-		-		-		-

No	Designation	DI Office		Divisional Engineer's office							
		Approved	Actual	Monaragala		Bibile		Wellawaya		Welioya	
				Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
18	Tractor Operator	7	-		3		2		4		1
19	Maintenance & Operations Labor		1	9	8	4	3	8	5	5	11
20	Masonry	1	-				-		-		-
21	Carpenter	1					-		-		-
22	Circuit Bungalow Keeper		-	1	-		-		-		-
23	Stores Assistant			1	1	1	2	1	2	1	-
24	Drawing Printing Helper	1	1								-
25	Greasier	1	-				-		1		-
26	Lorry Assistant		-		-		1		-		-
27	Office Assistant	4	5	1	1	1	2	1	3	1	
28	Field Watcher	1		1	-	1	1	1	1	1	-
29	Irrigator		-	2	1		-		-		-
30	Labor	1			1		-		-		
31	25/2014 Labor	5	4	6	5	5	5	5	6	2	2
32	Irrigation Office Assistant								1		

11.12 Polonnaruwa Region

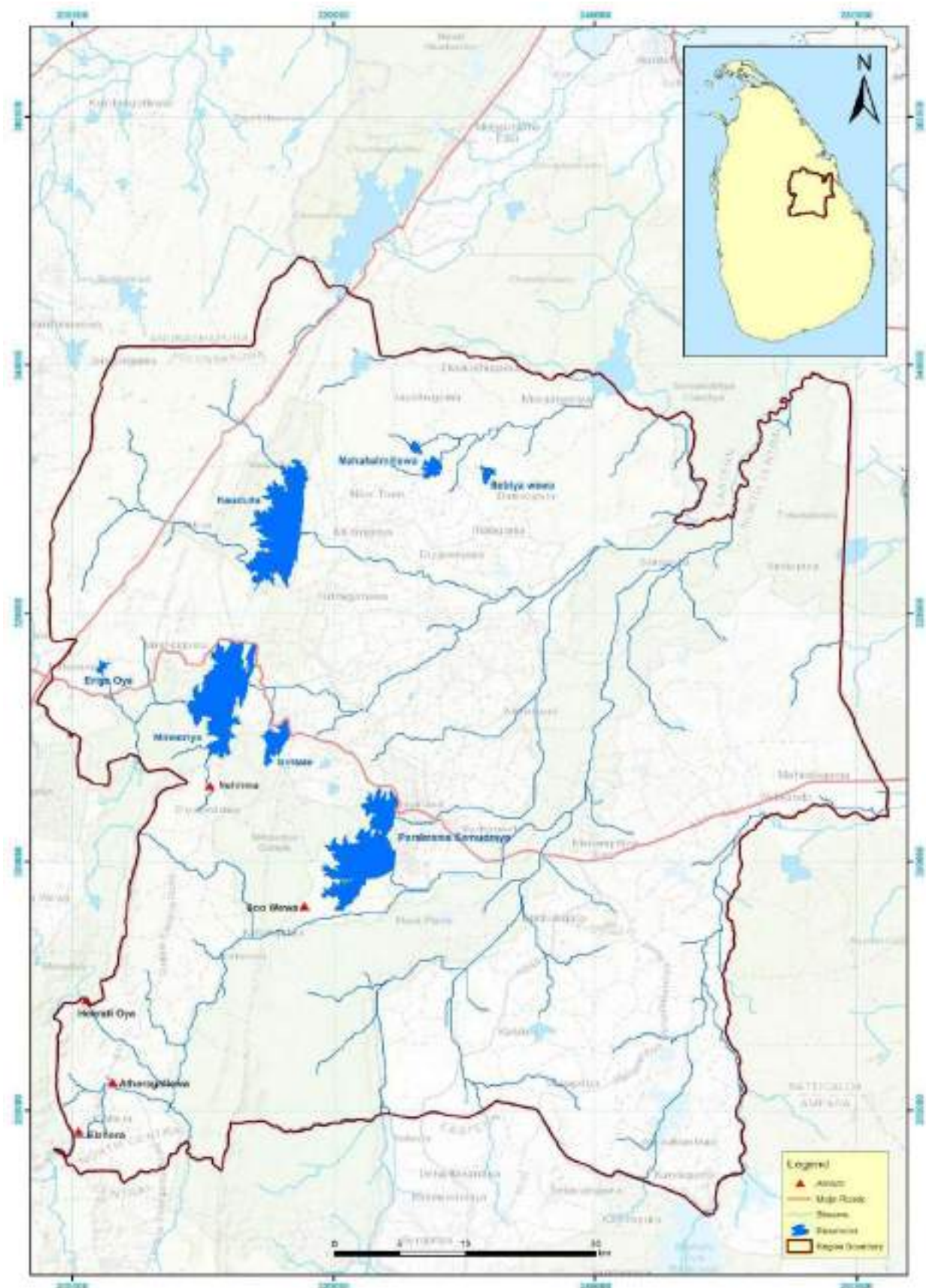


Figure 11-157: Scheme Map of Polonnaruwa Region

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 under the purview of the Region

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

11.12.3 Details of the Irrigation Schemes under the Region

Table 11-84: 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	10,193	10,193	10,193	182.1	179.93
	Boo Wewa	Anicut Scheme	134	93	93	N/A	N/A
Minneriya	Minneriya	135.74	9,096	9,096	9,096	79.46	109.52
	Giritale	26.77	3,076	3,076	3,076	36.16	48.60
	Erige Oya	1.29	91	91	91	N/A	N/A
Kaudulla	Kaudulla	128.33	5,869	5,869	5,869	46.37	72.05
	BebiyaWewa	1.16	93	93	93	N/A	N/A
	Mahahalmilla Wewa	1.14	152	152	152	N/A	N/A
Elahara	System ‘G’	Anicut Scheme	6,677	Paddy – 5,948 OFC- 729	Paddy – 4,472 OFC- 2,003	96.68	153.25
	Atharagllewa	Anicut Scheme	243	Paddy – 241 OFC- 02	Paddy – 194 OFC- 49	N/A	N/A
	Heeratioya	Anicut Scheme	86	Paddy – 85 OFC- 01	86	N/A	N/A
	Nehinna	Anicut Scheme	330	Paddy – 320 OFC- 10	296	N/A	N/A
	Peikkulama	Anicut Scheme	202	Paddy – 194 OFC- 8 Acs	148	N/A	N/A

11.12.4 Major work done during the year

a. Polonnaruwa Irrigation Development Project

This is a cabinet approved project (cabinet paper No: MIWRM/IRR/DEV/13/01-CB), implemented with the objectives of flood mitigation and water management improvement in Polonnaruwa District. The project period is 5 years and the project was started in year 2017. Total allocation for the project is 7,258 Million. 700 million rupees was allocated for the year 2024 for the rehabilitation of canal systems in PSS, Minneriya, Girithale, Kaudulla and system G.

Development of Damsopura canal systems was also funded under the PIDP and FC 1 to 7 canal, RB canal & Mid canal were completed under the project in year 2024.

Table 11-85: Allocation distribution and progress (PIDP)

No	Division	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress
1	Polonnaruwa	287,184	278,406	100%
2	Minneriya	148,998	144,015	75%
3	Elehara	115,732	112,837	80%
4	Kaudulla	148,087	145,100	80%



Figure 11-158: Construction of 90 m long rectangular canal lining from 0+475 to 0+565 in track 40 DFC canal in Ihakuluwewa FO area in Elahera division



Figure 11-159: Construction of 60 m long retaining wall structure from stn.3+100 to stn.3+160 in Nikapitiya D canal



Figure 11-160: Re-construction of D37 canal lining from 6+255 to 6+317 under PIDP in Minneriya division



Figure 11-161: Construction of rectangular canal lining from 2+525 to 2+710 in LBMC in Ambagaswewa tank in Kaudulla Division

b. Essential Rehabilitation in selected Major Irrigation Schemes

Table 11-86: Allocation distribution and progress (ERIMMIS)

No	Division	Allocation Rs.	Expenditure Rs. '000	Physical
1	Polonnaruwa	20,554	20,253	100%
2	Minneriya	14,822	14,025	75%
3	Elehara	13,801	12,498	100%
4	Kaudulla	25,018	24,927	100%



Figure 11-162: Construction of 14.7m retaining wall from 2+760 to 2+774, construction of 52.6m retaining wall from 2+776 to 2+828 in B 506/ B 507 in Elahara Division

c. Rehabilitation of Major Medium Irrigation Schemes

Table 11-87: Allocation distribution and progress (RMMIS)

No	Division	Allocation (Rs. '000)	Expenditure (Rs. '000)	Physical Progress
1	Minneriya	4,314	4,314	100%
2	Elehara	38,099	18,883	75%
Total		42,413	23,197	



Figure 11-163: Improvements to Elahera old anicut



Figure 11-164: Removing sediment materials at Kadawalawawa tank LB entrance in Girithale scheme in Minneriya division

11.12.5 Divisional Wise Allocation Distribution

Table 11-88 : Divisional wise Allocation Distribution

Description/vote No	Allocations (Rs. '000)				
	Polonnaruwa	Minneriya	Kaudulla	Elahara	DI Office
Departmental Votes					
Maintenance and improvements to Building 282-2-2-0-2001-1	3,669	1,000	-	610	-
Operation & Maintenance of Gravity Irrigation Works(Wages) 282-2-2-0-2001-2	400	700	500	-	-
Maintenance of Department Road in Irrigation Scheme 282-2-2-0-2001-5	-	-	2,100	-	-
Electrical & Electromechanical Installation 282-2-2-0-2001-7	-	-	-	828	-
FOD & FP & PI 282-2-2-0-2001-8	16	76	152	63	-
Flood damage Repairs & other Repairs due to natural Disasters 282-2-2-0-2001-9	-	-	2,700	5,600	-
Improvements to Head Works of tank for additional safety 282-2-2-0-2001-10	1,960	-	-	-	-
Management Supporting Facilities 282-2-2-0-2001-12	60	-	-	60	-
Maintenance of Department circuits 282-2-2-0-2001-15	-	429	-	-	-
plant Machinery& Equipment 282-2-2-0-2002-1	-	-	-	-	5,652
Repairs of Vehicles 282-2-2-0-2003	-	-	-	-	3,883

Calibration & Water Management Studies 282-2-2-0-2507-09-07	-	-	-	468	-
Establishment & Improvement of Unit Office 282-2-2-1-2001-1	1000	860	-	-	-
O & M Gravity Works 282-2-2-1-2001-2	56,023	64,908	28,398	56,669	-
Improvement to water Management and Conveyance Efficiency 282-2-2-1-2001-3	-	3,488	-	-	-
ERRMMIS 282-2-2-4-2001-1	20,554	14,822	25,017	13,805	-
Balance Work of Polonnaruwa Irrigation Development Project 282-2-2-4-2001-2	284,136	148,997	148,086	115,731	-
Establishing River profile in Major River 282-2-2-5-2105-2	-	-	8,500	-	-
Ministry Votes					
RMMIS 198-2-3-0-1303	429	-	-	-	-
RMMIS 198-2-3-0-2001	-	322	-	-	-
Rehabilitation of major Medium Irrigations Schemes Including Emergency Infrastructure Rehabilitation Work 198-2-3-8-2001-11	-	-	-	38,098	-
Allocation to Settle the Liabilities (wari Saubjagya Program) 198-2-3-8-2001-12	-	709	-	-	-
Rehabilitation of major Medium Irrigations Schemes Including Emergency Infrastructure Rehabilitation Works 198-2-3-8-2001-16	-	4,314	-	-	0.00

11.12.6 Projects implemented under other source of funds

a. Climate Resilience Multiphase Programmatic Approach Project (CResMPA)

This is one of the World Bank funded projects started in 2023 and achieved 90% of overall physical progress and LKR 394.13 million financial progress at the end of December 2024. The Project Total cost is LKR 741.5 million and project period is up to 2024 as originally planned. Under CResMPA (Component-05), 142 projects were selected as per DCC meeting decision and approved by procurement plan and 86 projects of them have been awarded at the end of December 2023. Remaining projects have been awarded by the end of September 2024. Three number of projects were terminated due to wild life issues and the project is planned to complete in March 2025.

Table 11-89: Allocation distribution and Progress (CResMPA)

No	Division	Allocation Rs.000'	Expenditure Rs.000'	Physical Progress
1	Polonnaruwa	198,585	111,433	92%
2	Minneriya	231,938	99,760	79%
3	Elehara	126,663	83,315	94%
4	Kaudulla	184,233	99,619	96%



During



After

Figure 11-165: CResMPA-1/RP/WORKS/ID-POL/NCB/059

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

Integrated Watershed and Water Resources Management Project (IWRMP) is a World Bank funded five-year project (2020-2025). This repurposing project is implemented in 2023 and expected to complete in 2024. Totally 30 numbers of works were selected including civil and mechanical works under this project and achieved 100% of physical progress and LKR 62.65 Million as financial progress up to end of 2024. The detailed progress of the project is annexed.

Table 11-90: Allocation distribution and Progress (IWRMP)

No	Division	Allocation Rs.000'	Expenditure Rs.000'	Physical Progress
1	Minneriya FA	24,785	14,494	100%
	Minneriya DC	3,016	2,860	100%
2	Elehara DC	31,335	30,513	100%
3	Kaudulla DC	16,289	14,791	100%



Before



During



After

Figure 11-166: Construction of concrete ramp in main canal in Bebiyawewa scheme

11.12.7 “Wap Haula” Programme

Table 11-91: “Wap Haula” programme

Division Nature of the Activity	polonnaruwa	Minneriya	Kaudulla	Elahara
Number of Schemes	1	1	1	4
1.Cultivation Meetings				
1.1 Pre Cultivation meeting	2		2	8
1.2 Cultivation Meeting	2		2	
2.Organizational Activities				
2.1 Conducting FO Election	1			4
2.2 Conducting FO Annual General meetings				4
2.3 Conducting PMC meetings	1		2	8
2.4 Preparation of FO Final Accounts	1			8
3. Capacity building				
3.1 Financial Management	1			
3.2 Income Management etc..				
4. Participatory Management				
4.1 Shramadana for clearing canal bunds	2		2	8
4.2 Maintenance of Farm Roads				8
4.3 Maintenance of Drainage canals				
5. Awareness programme				
5.1 Home gardening			2	
5.2 OFC Cultivation				
6 . Other Activities				
6.1 Deva Puja, Pirith etc..	2			

11.12.8 Drinking water extraction

Table 11-92: Drinking water extraction

Water Supply Scheme	Reservoir	Extracted Amount	
		m³ per Day	Annual MCM
NWSDB of Polonnaruwa	Parakkrama Samudhaya	6800	2.482
NWSDB of Minneriya	Minneriya left bank main canal	7500	2.738
NWSDB of Medirigiriya	Kaudulla tank	9056	3.305

11.12.9 Staff Position

Table 11-93: Staff position in Polonnaruwa Region

	Designation	DI Office		Polonnaruwa		Minneriya		Kaudulla		Elahera	
		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	-	-	01	01	01	01	01	01	01	01
5	Engineer	05	02	-	-	-	-	-	-	-	-
6	Accountant	01	-	-	-	-	-	-	-	-	-
7	Administrative Officer	01	01	-	-	-	-	-	-	-	-
8	Drawing Office Assistant	01	01	-	-	-	-	-	-	-	-
9	CEMS	01	-	-	-	-	-	-	-	-	-
10	Divisional Assistant	-	-	01	01	01	01	01	01	01	01
11	Engineering Assistant	-	-	15	08	15	06	10	06	10	07
12	Development Officer	02	03	07	02	07	03	03	-	03	04
13	Draughtsman	06	04	03	02	03	-	03	01	03	01
14	Public Management Assistant	15	15	05	06	05	04	05	04	05	05
15	Technical Aied (Civil)	-	-	13	07	09	06	09	03	09	04

	Designation	DI Office		Polonnaruwa		Minneriya		Kaudulla		Elahera	
		Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
16	Plan Printer	01	01	-	-	-	-	-	-	-	-
17	Store Keeper	-	-	01	01	01	01	01	01	01	01
18	Director of Irrigation	01	01	-	-	-	-	-	-	-	-
19	Store Helper	-	-	01	-	01	-	01	01	01	01
20	Driver	04	03	03	03	03	03	03	03	03	01
21	Operator	08	01	-	01	-	-	-	03	-	-
22	Tractor Operator	08	-	01	01	01	01	-	-	-	01
23	O & M labor	-	-	29	06	35	10	15	09	18	13
24	Mason	01	-	-	01	-	-	-	-	-	-
25	Carpenter	01	-	-	-	-	01	-	-	-	-
26	Cleaner	-	-	-	-	-	01	-	-	-	-
27	K.K.S	04	04	01	03	01	02	01	02	02	-
28	Greaser	04	-	-	-	01	01	-	-	-	-
29	Lorry Assistant	01	01	01	-	-	-	-	-	-	-
30	Circuit Bungalow Keeper	-	-	-	-	01	-	-	-	-	-
31	Field Watcher	01	-	01	-	01	-	01	-	01	-
32	Labourer	06	04	09	11	03	05	12	10	17	13

11.13 Puttalam Region



Figure 11-167 : Scheme Map of Puttalam Region

11.13.1 Introduction

Puttalam Region is in the Northwestern Province and bounded by Kala Oya on the northern side and Maha Oya on the southern side. On the western side it is bounded by the Arabic Sea and on the Eastern side it is Anuradapura and Kurunegala districts. Through this region, many rivers meet the sea. Kala Oya, Mee Oya, Deduru Oya, Maha Oya are the major rivers that go through this region. In addition to the above there are many medium rivers such as Lunu oya, Kolamunu oya, Rathambala oya etc. Other than the major and medium tanks, there are more than thousand minor tanks in this Region..

11.13.2 Divisions under the purview of the Region

There are two divisions under Puttalam Region. They are Puttalam and Inginimitiya.

Puttalam Division

Under this Division, there is 1 major tank (Tabbowa) and 7 medium schemes irrigating around 3,462 hectares. All 4 major rivers mentioned above meet the sea traveling through this division.

Inginimitiya Division

Inginimitiya Tank is the only major reservoir in the Inginimitiya Division. The extent this division irrigates is 3,421 hectares.

11.13.3 Details of the Irrigation Schemes under the Region

Table 11-94: 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	Tabbowa	19.00	907	907	907	13.82	13.82
	Pawattamaduwa		192	192	192	2.92	2.92
	Pahariya	2.20	146	146	146	2.23	2.22
	Kottukachiya and Kachchimaduwa	4.77	371	371	371	5.65	5.65
	Sengaloya complex 8 tanks in series						
	Suruwila	0.708	85	85	85	1.30	1.30
	Pinkattiya	0.359	85	85	85	1.30	1.30
	Andanankattuwa	0.246	36	36	36	0.55	0.55
	Maiyawa	0.886	89	89	89	1.36	1.36
	Anawilundawa	0.541	81	81	81	1.23	1.23
	Irakkawela	0.145	124	124	124	1.89	1.89
	Maradansole	0.123	28	28	28	0.43	0.43
	Wellawala	0.555	36	36	36	0.55	0.55
	Kolamunu Oya anicut	Entire irrigable area under Agrarian Development Dept					
	Neelabemma anicut	*	615	569	615	8.67	9.37
	Karawita	2.66	404	404	404	6.16	6.11
	Eluwankulama	0.26	263	263	263	4.01	4.00
	Wattakandal	*	202				

Division	Scheme	Capacity at FSL (MCM)	Irrigable area (ha)	Cultivated extent (ha)		Total water issue from the sluice (MCM)	
				Maha	Yala	Maha	Yala
Inginitiya	Inginimitiya	72.60	2416	2113	1111	35.42	18.62
	Maha Uswewa	4.20	397	397	397	6.66	7.24
	Maha Andarawewa	2.20	152	106	103	1.78	1.73
	Uriyawa	1.30	132	132	132	2.21	2.41
	Radavi Bendi Ela	*	324	324	324	5.43	5.43

* No data available

11.13.4 Major work done during the year



Figure 11-168: Construction of Canal Lining from 0+008.6km to 0+100km Main Canal of Kudaottupallama Tank in Neelabemma Scheme



Figure 11-169: Improvements to Spill Structure 1st Stage in Pahariya Scheme



Figure 11-170: Construction of Groyne 02 (Stage 2) in Jayabima Area in Deduru Oya

11.13.5 Divisional wise Allocation Distribution

Table 11-95: Allocation distribution

Description / Vote No.	Allocation (Rs) '000		
	DI's Office	Puttalam	Inginimitiya
O & M Gravity Works 282-02-2-1-2001(11)-2	2,548	37,173	36,199
O & M Gravity Works (Wages) 282-2-2-0-2001(11)-2	350	816	841
Management Supporting Facilities for O & M 282-2-2-0-2001-(11)-12	70	60	60
Maintenance of Departmental Road in Irrigation Scheme 282-02-02-0-2001(11)-5	-	1,900	2,020
Essential Rehabilitation of Major Medium Irrigation Schemes 282-02-02-04-2001(11)-1	-	91,184	23,000
Rehabilitation of Major Medium Irrigation Schemes Including Emergency Infrastructure Rehabilitation works 198-02-3-08-2001-3	-	42,295	-
Maintenance and Improvements to Building 282-02-2-0-2001-(11)-1	2,000	1,000	-
Maintenance of Department Circuit Bungalows 282-02-2-0-2001(11)-15	-	149	-
Recovery Possession & Safeguard of Department Lands & Reservation 282-02-02-0-2001 (11) - 11	-	1,000	-
Farmer Organization Development & Farm Productivity & Profitability 282-2-2-0-2001 (11) - 8	-	131	49
Flood Damage Repairs and Other Repairs due to Natural Disaster 282-02-02 -0-2001(11)-9	-	11,191	-
Improvements to Head Works of Tanks for Additional Safety 282-02-2-0-2001- (11)- 10	-	4,635	265
Essential Rehabilitation in Selected Major Irrigation Scheme 282-2-2-4-2001-11-3	-	20,471	-
Establishing River Profile in Major Rivers 282-2-2-5-2105-(11)2	-	17,100	-
Establishment & Improvement of Unit office 282-02-02-1-2001(11)-1	-	-	2,618
Computerization And Networking of the Irrigation Department to Enhance and Upgrade the Engineering and Management Processes 282-02-02-2507-11-010-1	744	-	-
Ministry 198-02-03-0-1303	-	550	-
Clean River Program 282-2-2-5-2105-(11)-8	-	1,500	-
Embankment Protection 282-2-2-5-2105-(11)-6	-	121,880	-
Improvements to Water Management and Conveyance Efficiency 282-02-2-01-2001(11)-3	-	4,818	-

11.13.6 Projects implemented under other source of funds

There are 3 numbers of projects carried out during this year. They are 2 World Bank funded Projects: Climate Resilience Multi-Phase Programmatic Approach (CResMPA) and Integrated Watershed & Water Resources Management Project (IWWRMP), 1 local funded Project: Wewgam Pubuduwa Project. The details are as following.

a. IWWRMP

7 of 13 packages had been completed under this World Bank funded project in 2024. All the components come under this project within the irrigation schemes.

Table 11-96: Progress of the work

Division	Scheme	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress (%)
Puttalam	Karawita	2,689	2,689	100
	Sengal Oya	5,000	5,000	100
Inginimitiya	Inginimitiya	14,567	14,567	100
	Mahauswewa	1,789	1,789	100



Figure 11-171: .Improvements to Spill Structure to Pinkattiya Tank in Sengal Oya Scheme



Figure 11-172: Clearing aquatic plants and desilting along Deduru Oya RBMC from 30+000km to 36+700km in Inginimitiya Division

b. CResMPA

12 of 26 packages had been completed under this project in 2024. Apart from the schemes under the department, 2 numbers of each Provincial Irrigation Department and Department of Agrarian have been carried out by Irrigation department.

Table 11-97: Progress of the works

Division	Scheme	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress (%)
Puttalam	Tabbowa	5,530	2,200	95
	Sengal Oya	29,413	22,020	93
	Kottukachchiya	5,911	-	25
	Neelabemma	7,243	4,450	100
Inginimitiya	Inginimitiya	28,087	5,230	75
	Maha Uswewa	6,740	4,700	100
	Maha Andarawewa	7,063	-	100
	Radavi Bendi Ela	25,957	3,430	94

Figure 11-173: Improvements to Maiyawa Tank and 1st Spill in Sengal Oya SchemeFigure 11-174: Removing of Damaged Trough Structure and Construction of New One at 1st km in LBMC in Kottukachchiya Scheme

c. Climate Resilient Integrated Water Management Project (CRIWMP) – Wew Gam Pubuduwa

Under this GCF (Green Climate Fund) funded project 5 small tanks in Kunthaniyagama Cascade system were developed.

Table 11-98 : Progress of the works

Division	Scheme	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress (%)
Puttalam	DAD	63,727	11,096	65

11.13.7 “Wap Haula” Program

Table 11-99 : Detail of “Wap Haula” Program.

Division	Puttalam	Inginimittiya
Nature of the Activity		
Number of Schemes	06	01
1. Cultivation Meetings		
1.1 Pre-Cultivation meeting	12	02
1.2 Cultivation Meeting	12	02
2. Organizational Activities		
2.1 Conducting FO Election	05	-
2.2 Conducting FO Annual General meetings	10	-
2.3 Conducting PMC meetings	36	04
2.4 Preparation of FO Final Accounts	05	-
3. Capacity Building		
3.1 Financial Management	04	-
3.2 Income Management etc..	04	-
4. Participatory Management		
4.1 Shamadana for clearing canal bunds	15	01
4.2 Maintenance of Farm Roads	04	04
4.3 Maintenance of Drainage canals	04	01
5. Awareness programme		
5.1 Home gardening	04	-
5.2 OFC Cultivation	04	-
6. Other Activities		
6.1 Deva Puja, Pirith etc..	17	02

11.13.8 Drinking water Extraction

Table 11-100 : Drinking water extraction

Water Supply scheme	Reservoir	Extraction amount	
		m³ per day	Annual MCM
Tabbowa	Tabbowa	500	0.182
Eluwankulama	Kala Oya Anicut	15,000	5.475
Sengal Oya	Illakkattuwa (By Borehole at the Reservation)	150	0.055
Karawita	Wilaththawa	Unspecified	Unspecified

11.13.9 Social Activities

Water Day Celebrations in Pahariya School

The Pahariya Wijayaraja Vidyalaya (Puttalam) organized a drawing competition. The competition was organized among grade 1-5 students and winners were awarded with the certificates and prizes. Consolation prizes were given to all the participants.

11.13.10 Staff Position

Table 11-101: Staff Position in Puttalam Region

Designation	Director of Irrigation Office		Divisional Irrigation Engineer's Office			
			Puttalam		Inginimitiya	
	Approved	Actual	Approved	Actual	Approved	Actual
Director of Irrigation	1	1	-	-	-	-
Chief Engineer	1	1	-	-	-	-
Irrigation Engineer	3	1	1	1	1	1
Engineer (Earth Resources)	1	1	-	-	-	-
Accountant	1	1	-	-	-	-
Administration Officer	1	-	-	-	-	-
Drawing Office Assistant	1	-	-	-	-	-
Senior Work Supervisor	1	-	-	-	-	-
Divisional Assistant	-	-	1	1	1	1
Development Officer/Assistant	1	3	4	2	2	4
Engineering Assistant	-	-	11	6	10	6
Draftsman	4	2	3	-	3	-
Mechanical Foreman	-	-	-	-	-	-
CMA/CDMA	-	-	-	-	-	-
Management Service Officer	15	8	5	3	5	4
Department Clerk	-	1	-	-	-	-
Storekeeper	-	-	1	1	1	-
Technical Aide (Irrigation)	-	-	6	4	6	5
Driver	3	2	3	2	3	-
Operator	5	-	-	-	-	2
Tractor Operator	6	-	-	3	-	1
O & M Labour	-	-	10	3	10	4
Sanitary Labour	-	-	-	-	-	-
Mason	1	-	-	-	-	-
Carpenter	1	-	-	-	-	1
Circuit Banglow Keeper	-	-	1	-	1	-
Store Labour /Aide	-	-	1	-	1	-
Labour	10	-	-	4	-	2
Work Helper	-	-	-	-	-	-
Plane Printer/Helper	1	-	-	-	-	-
Greaser	1	-	-	1	-	-
KKS	4	2	1	2	1	2
Field Watcher	1	-	1	1	1	-
Technician	-	-	-	1	-	-
Electrician	-	-	-	1	-	-
Labour 25/2014	10	4	10	6	11	8
Irrigation Attendant	-	-	-	5	-	7

11.14 Trincomalee Region

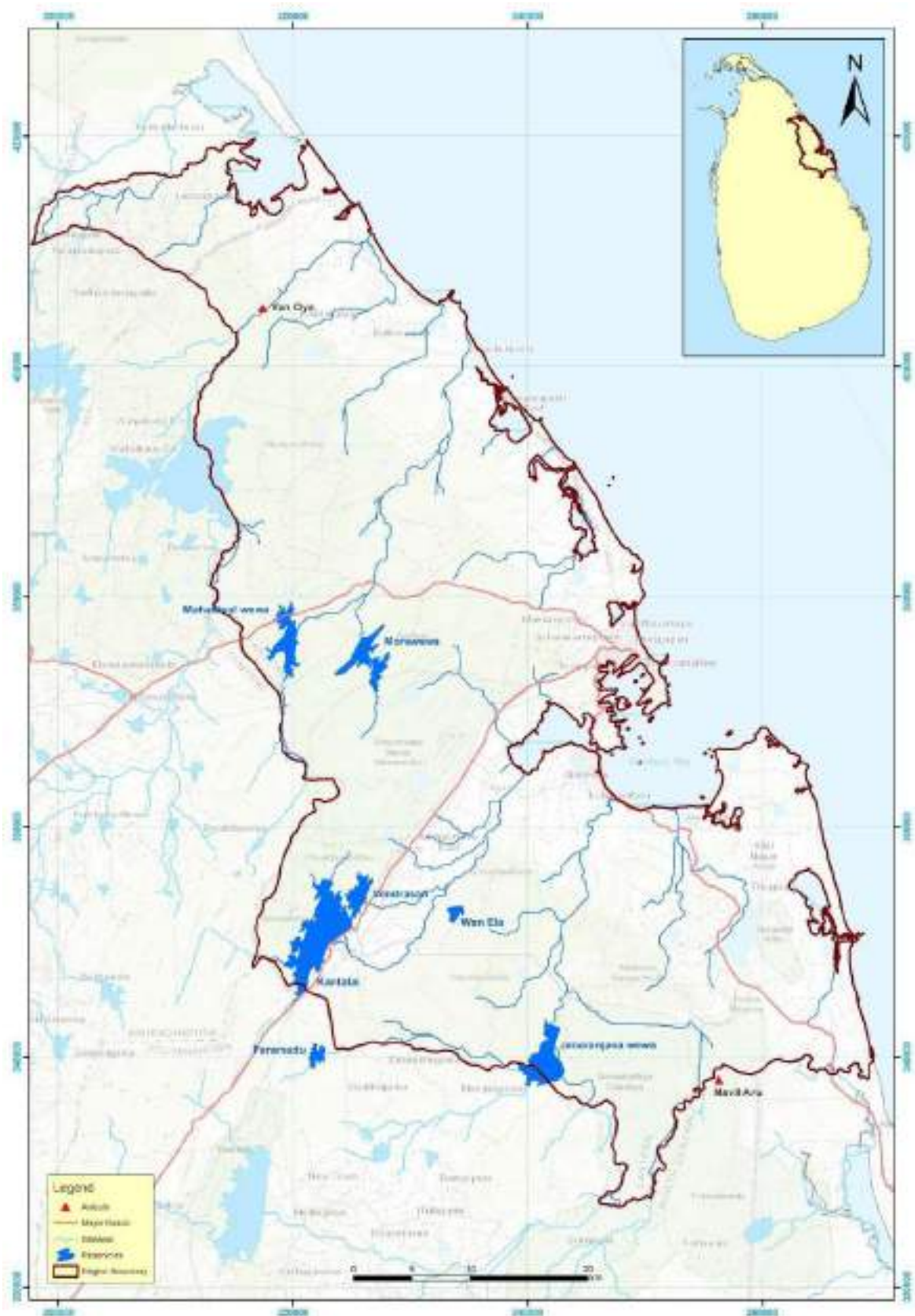


Figure 11-175: Scheme Map of Trincomalee Region

11.14.1 Introduction

There are ten irrigation schemes in the Trincomalee region, which include six major irrigation schemes, one medium scheme, two major anicut schemes, and the Right Bank main channel of the Yan Oya reservoir. The Trincomalee Region maintains ten small tanks fed by the Right Bank Main canal of the Yan Oya reservoir. The total storage facility is 455.79 MCM whereas anicut schemes utilize 200 MCM of water per season. The total irrigable extent in Trincomalee region is 25,475 Hectares. Presently, 26,500 farm families are identified as beneficiaries in the Trincomalee region. There are three Irrigation Engineers' Divisions and base mechanical workshops located in different locations in the Trincomalee district for the operation and maintenance of these schemes. Trincomalee Region allocated Rs.1,294.77 Mn during 2024; the total expenditure including liability is Rs.1,042.34 Mn. 182 permanent employees are working in Trincomalee Region.

11.14.2 Divisions under the Purview of the Region

- Kanthale Division
- Muthur Division
- Morawewa Division

11.14.3 Details of Irrigation Schemes under the Region

Table 11-102: 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	56.17	102.65
	Vendrasan	25	708	708	708	6.10	14.79
	Wan-Ela	2.9	656	656	656	2.33	5.48
	Peramaduwa	4.19	324	324	324	2.17	3.33
	Janaranjana	8.51	809	809	809	-	-
Morawewa	Morawewa	42.9	1,943	1,943	1,943	20.32	23.53
	Mahadivulwewa	24.6	850	850	850	1.21	13.41
	Yan Oya Anicut	-	918	918	918	-	-
	Yan Oya RB	167.55	1,639	870	870	-	6.65
Muthur	Allai	-	10,117	10,117	10,117	160	200

11.14.4 Major Works done during the year

a. Janaranjana Flood Protection Bund

Table 11-103: Progress of the works

Description of Work	Sanctioned Amount (000')	Allocation Received (000')	Expenditure (000')	Physical Progress %
Improvements to Flood Protection Bund from 5+150m to 5+525m D/S of Damage Portion in Janaranjana Scheme in Kantale Division	49,500	40,965	40,965	100



Figure 11-176: Janaranjana Flood Protection Bund

b. Savararu Anicut

Table 11-104: Progress of the works

Description of Work	Sanctioned Amount(000')	Allocation Received(000')	Expenditure (000')	Physical Progress %
Raising of Savararu Anicut crest level in Morawewa Scheme	30,890	24,401	24,404	100



Figure 11-177: Raising of Savararu Anicut crest level in Morawewa Scheme

c. Yan Oya Reservoir Project

The total allocation of Rs.616.10 Mn was received under this project and the Expenditure including liability up to the end of 2024 is Rs. 390.27 Mn. Forty-eight new works were identified for 2024 and eleven works that were not completed in 2023 have been done among those 10 revote works and twenty-two new items are completed in 2024. Totally 1000 numbers of farm families in Trincomalee District have benefited from this project. Details are as follows

Table 11-105: Progress of the work -2024

Description	No of Items	Allocation (000')	Expenditure(000')
Under Yan oya Anicut	17	240,500	141,407
Under Yan oya RB	42	375,600	248,868

11.14.5 Divisional wise Allocation distribution

Table 11-106: 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	3,600	57,675	63,440	31,975
Management supporting facilities 282-2-2-0-2001-12	70	60	60	50
O&M Gravity works –Wages 282-2-2-0-2001-2	300	400	400	400
Maintenance & Improvements to Buildings 282-2-2-0-2001-1		3,014	2,395	5,954
Maintenance & Improvements to Departmental Roads 282-2-2-0-2001-5		2,656	1,762	4,777
Essential Rehabilitation of Selected Major Medium Irrigation Scheme 282-2-2-4-2001-1		46,415	71,874	32,899
Flood Damage Repairs & Other Repairs to Natural Disasters 282-2-2-0-2001-9		16,879	9,691	2,476
Maintenance of Department Circuits 282-2-2-0-2001-15		230		250
Improvements to Feeder Canals 282-2-2-0-2001-19				2,931
Improvements to Head Works of tanks for Additional Safety 282-2-2-0-2001-10		3,641		
Improvements to Spill Tail Canal & Drainage System in Irrigation Scheme 282-2-2-0-2001-16			8,990	
Community Awareness 282-2-2-5-2105-5	68			
Embankment Protection 282-2-2-5-2105-6		45,047	64,068	
Clean River Program 282-2-2-5-2105-8		3,782	1,261	361.98

Description / Vote No.	Allocation (Rs. '000)			
	DI Office	Kanthale	Muthur	Morawewa
Establishing River Profile in Major Rivers 282-2-2-5-2105-2		38,740	18,020	
Yan Oya Reservoir Project 282-2-3-5-2105				616,100
Remedial Measures to safeguard crops during an emergency situation 282-2-2-0-2001-13		497	1,710	
Improvements to Water Management and Conveyance Efficiency 282-2-2-1-2001-3			2,384	2,218
Protection of upper catchment and watershed management 282-02-2-0-2001-11-14			500	
Calibration and Water Management 282-2-2-0-2507-9-7		247	192	
Farmer Organization Development and Farm Productivity & Profitability 282-2-2-0-2001-8		23		25
Establishment and Improvements of Unit Office 282-2-2-1-2001-1		1,740	528	1,554
Computerization and networking of the Irrigation Department to enhance and upgrade the Engineering and Management Processes 282-2-2-2507-11-010-1	908			
Ministry Votes				
Rehabilitation of Major Medium Irrigation Schemes Including Emergency Infrastructure Rehabilitation 198-2-3-8-2001		10,650	62,339	14,118
Wari Saubhagya National Programme for Rehabilitation of Rural Tanks and Anicuts 198-2-3-8-2001-12			1,780	



Figure 11-178: Improvements to D/S of the Pirambuveli Anicut in Raja Ela Canal at stn 14+200 in Allai Extension Scheme in Muthur Division



Figure 11-179: Construction of Spill - 03 Structure at 3+520 in Muthur Division, Trincomalee Region



Figure 11-180: Construction of canal lining from 4+950 to 5+460 in Muthur Canal D06/LBMC in Muthur Division



Figure 11-181: Improvements to Sakalasooriya Yaya Road from 0+000 to 0+925 in Janaranjana Scheme, Kantale Division

11.14.6 Other Projects Implemented under Other Source of Funds

a. IWWRMP

The Integrated Watershed and Water Resources Management Project (IWWRMP) is a World Bank-funded project under the Ministry of Irrigation. The project's main components are improving watershed and water resources planning and enhancing the functionality of water resources infrastructure. All works under this project were awarded to farmer organizations, and the individual project value was less than 5 Mn. Details are as follows

Table 11-107: Progress of the work

SI. No	Division	No of Items	Awarded Amount (000')	Financial Progress (000')	Physical Progress
1	Kanthale	10	40,929	38,968	100%
2	Morawewa	4	13,856	13,704	100%
3	Muthur	6	21,109	20,983	100%



Figure 11-182: Providing 600mm Dia pipe inlet & outlet for Kankunwela pooling section & from the feeder canal bund from 2+500 to 2+950m in Wanela scheme



Figure 11-183: Deepening and widening drainage canal stn. 2+000 to stn. 2+910 in Santhanaveddai in Allai Extension Scheme



Figure 11-184: Construction of Culvert at 2+450 in Santhanaveddai Drainage Canal

b. CResMPA

The Ministry of Irrigation is implementing the Climate Resilient Multi-Phase Approach (CResMPA) project with the World Bank financial support. In Trincomalee District, 4 Mechanical and 38 Civil Works were implemented under the above project. All 4 mechanical works were done directly by the ME office, Kanthale. 10 Packages having an estimated value below 5 Mn each were done by Farm Organization, 12 Packages having an estimated value between 5 Mn to 15 Mn each were awarded under the Shopping method and 6 Packages having an estimated value of more than 15 Mn each were awarded under National Competitive Bidding Procedure by Irrigation Department.

As well, 6 packages done by the Provincial Irrigation Department and 4 packages done by the Department of Agrarian Development are implemented under the guidance and monitoring of the Irrigation Department.

Table 11-108: Progress of the CResMPA work

SI. No	Division	No of Items	Awarded Amount (000')	Financial Progress (000')	Physical Progress
1	Kanthale	12	73,811	60,874	100%
2	Morawewa	8	30,174	19,808	100%
3	Muthur	9	68,245	56,483	100%



Figure 11-185: Improvements to gates & hoisting system and fabrication and Installation of Trash racks and handrail for Batahathara Regulator in Kantale Division



Figure 11-186: Fabrication & Installation of 03 Nos of mild steel gates with Screw type hoisting mechanisms for Wendrasan Raja Amuna Regulator in Kantale Division, Trincomalee



Figure 11-187: Improvements to Morawewa Reservoir Sluice



Figure 11-188: Desilting work in Helaba yaya to Egoda yaya drainage canal Stn 0+000 to Stn 2+200 in Janaranjana Scheme

11.14.7 “Wap Haula” Program

Table 11-109: Details of “Wap Haula” Program

Division	Kanthale	Morawewa
Nature of the Activity		
Number of Schemes	1	4
1.Cultivation Meetings		
1.1 Pre-Cultivation meeting	√	2
1.2 Cultivation Meeting	√	8
2.Organizational Activities		
2.1 Conducting FO Election		2
2.2 Conducting FO Annual General meetings		3
2.3 Conducting PMC meetings	√	8
2.4 Preparation of FO Final Accounts		
3. Capacity building		
3.1 Financial Management		
3.2 Income Management etc..		
4. Participatory Management		
4.1 Shamadana for clearing canal bunds	√	
4.2 Maintenance of Farm Roads	√	
4.3 Maintenance of Drainage canals	√	
5. Awareness programme		
5.1 Home gardening		
5.2 OFC Cultivation	√	
6. Other Activities		
6.1 Deva Puja, Pirith etc... Kiriuthuruawem	√	
6.2 Dadodapuja		

11.14.8 Drinking Water Extraction

Table 11-110: Drinking water extraction Details

Water Supply Scheme	Reservoir	Extracted Amount	
		m³ per Day	Annual MCM
Kanthale, Thampalagamam, Kinniya, Trincomalee, Nilaweli	Kanthale	39,000	14.24
Muthur, Thoppur	Neelapola	8,500	3.1
Eachilampattu, Seruvila	Eachilampattu (Verugal)	3,500	1.3

11.14.9 Staff Position

Table -11-111: Staff Position of the Region

S. N.	Designation	DI Office		Kantale		Muthur		Morawewa	
		Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
1	Director of Irrigation (Civil)	1	1	0	0	0	0	0	0
2	Chief Engineer	1	1	0	0	0	0	0	0
3	Irrigation Engineer(Civil)	4	1	1	1	1	1	1	1
4	Earth Resource Engineer	2	1	0	0	0	0	0	0
5	Accountant	1	1	0	0	0	0	0	0
6	Administrative Officer	1	1	0	0	0	0	0	0
7	Drawing Office Assistant	1	0	0	0	0	0	0	0
8	Divisional Assistant	0	0	1	0	1	0	1	0
9	Est. Development Officer	1	1	0	0	0	0	0	0
10	Development Officer	1	5	4	2	5	3	2	2
11	Development Assistant	0	0	1	0	0	0	0	0
12	Engineering Assistant	0	0	14	7	11	8	11	5
13	Draughtsman	4	3	3	1	3	1	3	0
14	Management Service Officer	15	10	5	4	5	0	5	0
15	Store Keeper	0	0	1	1	1	0	1	0
16	Technical Aide (Irrigation)	0	1	12	7	12	6	4	5
17	Driver	3	1	3	3	3	0	3	1
18	Operator	6	0	0	1	0	0	0	1
19	Tractor Operator	6	1	0	0	0	0	0	0
20	O& M Labourer	0	0	16	0	16	4	10	0
21	Meson	1	0	0	0	0	0	0	0
22	Carpenter	1	0	0	0	0	0	0	0
23	Circuit Bungalow Keeper	1	0	1	1	0	0	0	0
24	Store Assistant / Labour	0	0	1	0	1	1	1	0
25	Design Printer Helper	1	1	0	0	0	0	0	0
26	Greaser	2	0	0	0	0	1	0	1
27	Lorry Helper	0	0	0	0	0	1	0	0
28	KKS	4	2	1	1	1	1	1	0
29	Field Watcher	1	0	1	0	1	1	1	0
30	Irrigator	0	0	3	2	0	0	0	0
31	Work Supervisor	0	0	1	0	0	0	0	0
32	Maintenance Labourer	0	1	0	11	0	7	0	2
33	Labourer	7	0	0	3	0	0	0	0
34	Labourer 25/2014	3	5	23	17	12	12	11	9
35	Cleaner	0	0	0	1	0	0	0	0
36	Irrigation Work Assistant	0	0	0	5	0	0	0	3

12 Zonal Offices

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

Central Zone has been established to cover the regional planning and design works in the Kandy, Kurunegala and Puttalam Regions.

12.1.1 Objectives and Functions

- Promoting new and restoration, expansion or rehabilitation water resources development projects proposed by Director of irrigation (Region), Divisional Irrigation Engineers, Politicians, Public and any other organizations 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 assistant of 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.



Figure 12-1: Central Zone composition

12.1.2 Work Progress up to end of December 2024

Table 12-1: Work Progress during 2024

No	Project	Preliminary Investigation	F.I. Survey	Baseline Survey	Pre-Feasibility Report	Detail Design	EIA Approval
01	Proposed Lift Irrigation system in Karuwalagaswewa	Field inspection done & initial studies to be start after receiving requested data from relevant region					
Rehabilitation Projects							
02	Redesigning of Canal & Structures of Deduru Oya LB canals	Completed	Completed	Completed	Completed	-	N/A
03	Redesign of syphon structure at 3+648 km in Minipe LBMC of Minipe scheme	Completed	Completed	Completed	-	Completed	N/A
04	Reconstruction of Kottukachchiya Anicut	Completed	Completed	Completed	-	Completed	N/A
05	Rehabilitation of Maha Andara wewa tank bund and spillway	Field inspection done & initial studies will start after receiving requested data.					
06	Reconstruction of Sluice in Pahiyawa Tank	Necessary Instruction given with recommendation after having field Inspection.					
07	Restoration of breaching section at CH 31+850 m in Deduru Oya RB main canal with Podikkattuwa Ela due to flood	Completed	Completed	Completed	-	Hydraulic design 50% completed.	N/A
08	Increase the Spill length of Pawattamadu Tank	Field inspection done & initial studies will start after receiving requested data.					
09	Reconstruction of LB spill of Uriyawa tank	Field inspection done & initial studies will start after receiving requested data.					
10	Improvements of Proposed Beeridewala Tank Spillway	Completed	Completed	-	-	Completed	N/A
11	Improvement to the Spillways of Karawgahawewa Tank	Field inspection done & initial studies will start after receiving requested data from relevant region.					
12	Solution for River Bank Erosion in downstream of radial gates of Gamburu Oya - Minipe Stage IV	Necessary Instruction given with recommendation after having field Inspection.					
13	Improvement to the natural Spillway of Bathalagoda Reservoir	Completed	Completed	-	-	Hydraulic design 50% completed.	N/A
14	Reconstruction of damaged Right Bank Abutment and renovation of Operation House of spillway at Ambakolawewa Tank	Field inspection done & initial studies will start after receiving requested data.					
15	Restoration of breaching section at CH 2+100 m in Magalla RB main canal extention	Field inspection done & initial studies will start after receiving requested data					
16	Rehabilitation of Rajuge Amuna and Proposed diversion to Pothuwewa	Necessary recommendation given after having field Inspection.					

12.1.3 Project Details

i. Redesign of syphon structure at 3+648 km in Minipe LBMC of Minipe scheme

Region : Kandy

Division : Minipe

Minipe anicut constructed across Mahaweli River about 5km downstream of the Rantambe reservoir at coordinates 7011'53"N 80058'22"E. This anicut consist Right bank and Left bank canals. Right bank canal conveys water for paddy lands in Mahaweli system B & C. Left bank canal is a 74 km long contour canal which conveys water for paddy lands in Minipe irrigation scheme. However, maintaining the required discharge in Minipe LBMC has been a problem as inflow to the anicut is frequently fluctuates with the power generation from Rantambe. Eventually, it makes difficult to supply right irrigation requirement to the Stage III and Stage IV (tail end).

As a solution to this, raising of Minipe anicut & LB canal rehabilitation project was initiated and at the present construction works of the project are completed. With the project, Minipe LB canal capacity was increased from 17.6 cumec to 22 cumec.

Therefore, some important structures in the LB main canal should be redesign to accomodate the new discharge. Syphons at 3+648, 4+961 and 11+346 in the Minipe LBMC are such critical structures. At present, design of syphon at 3+648 is completed.

Work completed within the year 2024:

- Hydraulic and structural Design of Syphon are completed.

ii. Reconstruction of Kottukachchiya Anicut

Region : Puttalam

Division : Puttalam

Kiral Oya is originated at the spill of Kottukachchiya tank and Kachchimaduwa tank. The Kottukachchiya Anicut was constructed across Kiral Oya by the farmers in the area in Puttalam division which comes under purview of the Irrigation Department in Puttalam Region. Total extent of 90 acres of paddy land are cultivated under Kottukachchiya Anicut. The Anicut was damaged by collapsing and currently there is problem to issue water to nearby cultivated area from the Kiral Oya. By experience, it is confirmed that the land can be successfully cultivated without having store and release water, then reconstruction of an Anicut may be sufficient for required cultivation of the area.

When implementing this proposal 90 acs of presently rain fed lands could be cultivated for Maha & Yala. In addition to the above OFC cultivation could be promoted and living condition of famers could be uplifted.

Work completed within the year 2024:

- Hydraulic and structural Design of Anicut were completed.

iii. Redesigning of Canal & Structures of Deduru Oya RB and LB canals

Region :Kurunegala

Division: Wariyapola

Deduruoya reservoir has been completed in year 2014. The reservoir with the capacity of 75 MCM has been constructed mainly for the irrigation purpose in Kurunegala and Puttalam districts.

The right bank main canal with the discharge of 300 cusec traverses 36.7 km along the right bank of Deduru oya up to Inginimitiya reservoir.

The left bank main canal with the discharge of 250 cusec traverses 44 km along the left bank of Deduru oya up to Kolamuna oya.

As per the discussions regarding the water issues of RBMC and LBMC of Deduru oya reservoir, it has been decided to identify the issues and redesign the canals and relevant structures to convey water efficiently.

This is a continuation from previous year.

Work completed within the year 2024:

- Review report and drawings were submitted.

iv. Rehabilitation of Maha Andarawewa Tank Bund and Spillway

Region : Puttalam

Division : Inginimitiya

The Coordinates of the location is F/18 (3.1 *2.1).The capacity of the tank is 1815 Acft and irrigable extent is 308 Acs. The existing earth fill bund is consisting of broad crested weir type spillway located in left bank end of the main bund. Bund height is 15 ft and spill length is 270ft (data extracted from Report prepared by DIE,Inginimitiya).

At present the bund and right bank abutment of spillway damaged. DIE (Inginimitiya) and Farmer organization request to provide a spill gate at Right bank side and give proposals to prevent seepages through the tank bund. Director (Eng. Materials) has given necessary proposals to prevent seepages through the tank bund.

Work completed within the year 2024:

- Field inspection was carried out & Data collection is in progress.

v. Reconstruction of Sluice in Pahiya Tank

Region :Puttalam

Division:Puttalam

The existing bund is earth fill type and it consist of broad crested weir type spillway. Leakages through both side walls of the sluice of the tank appeared and it was not stopped even cutoff walls were constructed upstream of the sluice.

Therefore, it is proposed to relocate the sluice at further downstream after confirming the rock condition

vi. Restoration of breaching section at CH 31+850 m in Deduru Oya RB main canal with Podikkattuwa Ela due to flood

Region : Puttalam

Division: Inginimitiya

The Right Bank Main Canal (RBMC) of Deduru Oya Reservoir traverses 36.7 km to feed Inginimitiya Reservoir with the discharge of 300 cusec.

There are two overcrossing structures at chainage of 31+850 across the RBMC of Deduru oya to cater the flow of Podikkattuwa ela, which feeds Maha Uswewa tank at RBMC of Inginimitiya reservoir. In recent floods, Podikkattuwa ela has breached just after the inlet of overcrossing structures and washed out to the Right Bank main canal by obstructing the flow of RBMC. Both side of banks and bed of the stream is eroded up and Overcrossing structures are not functioning as bed level at inlet is about 4m below the inlet sill level of overcrossing.

It is proposed to provide a structure to regulate the flow at Podikkattuwa ela to function the overcrossing structures as well as to divert the flow to RBMC when required while providing the bank protection at upstream of the structure.

Work completed within the year 2024:

- Hydraulic Design 50% completed.

vii. Increasing the Spill length of Pawattamadu Tank

Region : Puttalam

Division : Puttalam

The existing bund is earth fill type and it consists of broad crested spillway and also gated spillway with seven number of gates which is at RB side of other spillway. Distance between two spillways is about 100m and it is proposed to increase spill length of broad crested weir type spillway up to gated spillway.

Work completed within the year 2024:

- Field inspection was carried out & Data collection in progress

viii. Reconstruction of LB spill of Uriyawa tank

Region : Puttalam

Division : Inginimitiya

The tank is fed by the cascade tank system which managed by Agrarian service Department.

The existing bund is earth fill type and it consists of broad crested weir type spillways in left bank side and right bank side. There is a request to raise LB spillway since upstream cascade tank system to be developed by “Wewegam Pubuduwa” project.

Work completed within the year 2024:

- Field inspection was carried out & Data collection in progress.

ix. Improvements of Proposed Beeridewala Tank Spillway

Region : Kandy

Division : Mathale

Beeridiwala Tank is a minor irrigation tank maintained under purview of Agrarian Development Department. It consists of natural spillway and sluice. It has been proposed a gated spillway at the right side of the existing spillway and construction works are carrying out by Irrigation Department under Wari Saubagya programme.

With the heavy rainfall in January 2024, constructed left bank abutment of proposed spillway has been collapsed.

Work completed within the year 2024:

- Hydraulic design, Structural design and drawing for the downstream protection were completed.

x. Improvement to the Spillways of Karawgahawewa Tank

Region : Kandy

Division : Minipe

Karawgahawewa tank is ancient tank, which constructed early 1960 and maintained under purview of Divisional Irrigation Engineer Minipe in Kandy Region. The existing bund is earth fill type and it consists of 04 no of spillways, while one spillway consists with one radial gate. Under stage IV of Minipe LBMC, more than 700 acres of Irrigable area is fed by Karawgahawewa tank.

The tank has inflow from its own catchment as well as an issue from Minipe LBMC by opening radial gates at Gamburu Oya. According to the DIE (Minipe), it is unable to function the tank with full capacity due to the leakages in four existing spillways and those constructions done by using RR masonry in ancient time and requested to propose proper solution for the issue.

Work completed within the year 2024:

- Field inspection was carried out & Data collection in progress.

xi. Solution for River Bank Erosion in downstream of radial gates of Gamburu Oya - Minipe Stage IV

Region : Kandy

Division : Minipe

Gamburu Oya is a natural stream intersects Minipe LBMC at Stage 4. Karawgahawewa tank is fed by Spill water passes through the radial gates of Gamburu oya. As per the DIE (Minipe)'s letter opening of Radial Gates in Gamburu Oya during rainy season, caused erosion in several locations of riverbanks of Gamburu Oya up to Karawgahawewa tank especially from 0+425 m to 0+675 m and from 0+675 m to 0+735 m.

There was a complaint from two house owners that their houses are at risk due to this bank erosion. Bank erosion gradually increased with the time.

Work completed within the year 2024:

- Proposed to remove the island formed in the center of stream & Informed to get further instructions from the Riverine Management division

xii. Improvement to the natural Spillway of Bathalagoda Reservoir

Region : Kurunegala Division : Hiriya

The existing bund is earth fill type and it consists of gated spill and natural spillway with causeway and sluice, which is at RB side of the spillway.

Downstream Protection of spillway is damaged during recent flood.

Work completed within the year 2024:

- Hydraulic design 50% completed.

xiii. Reconstruction of damaged Right Bank Abutment and renovation of Operation House of spillway at Ambakolawewa Tank

Region : Kurunegala Division :Galgamuwa

The existing bund is earth fill type and it consists of sluice, CO spillways and 02 Nos of radial gates. Right Bank Abutment of Spillway cracked and slanted towards spill tail canal. Further, there is proposal for renovation of Operation house of Spillway, which has been proposed near to the Right Bank Abutment. DI (Kurunegala), requested to propose proper solution for the damaged RB abutment while considering the proposed renovation.

Work completed within the year 2024:

- Field inspection was carried out & Data collection in progress.

xiv. Restoration of breaching section at CH 2+100 m in Magalla RB main canal extension

Region : Kurunegala Division : Nikaweratiya

Extension of Right Bank main canal, which located in Magalla scheme of Nikaweratiya division in Kurunegala region is 7.2 Km long and ends with Kadigawa Tank. Beneficiaries of the canal are under Agrarian Service Department.

During recent flood, part of bund near 2+100m is breached and nearby private land is washed out from that floodwater.

Work completed within the year 2024:

- Field inspection was carried out & Data collection in progress.

xv. Rehabilitation of Rajuge Amuna and Proposed diversion to Pothuwewa

Region :Kurunegala Division : Hiriya

Rajuge Amuna is an irrigation Anicut maintained under purview of Agrarian Development Department. Anicut is located across Kuda Oya with 03 gates, Left Bank sluice and Right Bank sluice. About 60 acres and 1.5 acres of paddy land cultivated from RBMC and LBMC respectively in both Yala and Maha seasons. According to the farmers in the area, Anicut spills annually and excess water released to the Kuda Oya stream. Proposal was to divert excess water to Pothuwewa Tank which a minor irrigation tank maintained by the Agrarian Development Department which is located downstream to Rajuge Amuna. Currently about 70 acres of paddy land cultivated from the Pothuwewa tank in Maha season and no cultivation in Yala season due to shortage of water in the tank. Also currently, some paddy land of Pothu wewa tank is cultivated from water in the tail end of RB canal of Rajuge Amuna.

It was instructed to check possibility of divert water from Rajuge Amuna to Pothuwewa.
Work completed within the year 2024:

- Proposal appears to be not feasible.
- Instructed to investigate possibilities of increasing the storage of Pothuwewa by clearing water weeds / water plants in tank bed.

12.1.4 Water quality monitoring and Environmental studies

Assessment of water quality programme was started in 2014. Objective of this study is to prepare a set of data to monitor the quality of water in all rivers and reservoirs under Irrigation Department. From 2022, our responsible water quality inspection regions are Kandy, Badulla, Kurunegala, and Trincomalee. As a result, samples of 44 tanks and 5 anicuts have to be collected. But, in 2024, samples were collected only from 32 tanks. Also, Annual Report for year 2023 was completed.

Furthermore, due to lack of chemicals and breakdown of instrument, only one round of samples from reservoirs in Kandy, Badulla and Kurunegala regions could be collected in 2024.

Water quality monitoring schedule 2024

Samples were collected from 32 tanks in Badulla, Kandy & Kurunagala Regions

Table 12-2: Water sampling details of 2024

Region	Division	Name of the tank
Badulla	Badulla	Kande Ela Tank
	Mapakada	Dambarawa Tank , Mapakada Tank, Demodara Tank Sorabora Wewa , Nagadeepa Tank , Dehigama Tank
Kandy	Dambulla	Dewahuwa Tank , Pahala Aruwala wewa , Wewala Tank, Wamadilla Tank , Mahagona Wewa , Nalanda Tank
	Matale	Bowathenna Reservoir
	Kandy	Kandy Lake , Rosnith Tank, Dunumadalawa Tank
Kurunegala	Hiriyala	Batalagoda Tank, Hakwatuna Tank, Kmibulwana Tank
	Nikawaratiy	Madiyawa Tank, Magalla Tank, Hulugalla Tank
	Wariyapola	Deduruoya Reservoir
	Galgamuwa	Ambakolawewa Tank, Ataragalla Tank, Palukadawara Tank, Usgala Siyabalangamuwa, Mahagalgamuwa Tank, Mahananneriya Tank, Mahasiyabalangamuwa Tank, Arasan Tank

12.1.5 Financial Progress of the P&D (Central Zone) office for year 2024

Table 12-3: Financial progress

Vote Description / Particulars	Allocation (000')	Expenditure (000')	Physical Progress %
Management Supporting Facilities 282 – 2 – 2 - 0-2001- 12	200	200	100%
Feasibility studies for M/M Irrigation project 282 – 2 – 2 - 0-2507- 8 - 1	400	397	100%
Water Quality Monitoring of Reservoirs 282 – 2 – 2 – 0 -2507 -8 - 10	321	320	100%
Repairs to Vehicles (PK-6995) 282 – 2 – 2 – 0 - 2003	706	629	100%
Total	1,627	1,546	

12.1.6 Staff Position

Table 12-4: Staff Position of the P&D (Central Zone) office for year 2024

Designation	Approved Cadre	Present Cadre	Deficit / Excess
Director of Irrigation (Civil)	1	1	-
Chief Engineer	1	1	-
Irrigation Engineer (Civil)	5	2	3
Divisional Assistant	1	-	1
Engineer Assistant	1	2	1
DOA	1	-	1
Draft Person	3	1	2
Management Assistant	2	2	-
Development Officer	-	2	2
Driver	3	2	1
KKS	1	-	1
Labour	3	2	1
Watcher	1	-	1

12.2 Zonal Director of Irrigation (Planning & Design) - Northern & North Central Zone

Regions under Northern & North Central Zone

- Anuradhapura Region
- Mannar Region
- Polonnaruwa Region
- Trincomalee Region



Figure 12-2: Map of the Northern & North Central Zone

12.2.1 Objectives

- Preparation of master plans for the river basins in Northern & North Central zones 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 plans 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, Regions 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 report to DI (Research and Development) for further reviewing.

12.2.3 Performance

Followings activities carried out by Office of Director of Irrigation (P&D), Northern and North Central zone during the year 2024.

Designs

a. Improvements of Eruwewa – Mahakanadarawa feeder canal

The North Central Province Canal (NCP Canal), a component of the Mahaweli Water Security Investment Program, is designed to provide Mahaweli water from Moragahakanda Reservoir to North Central and Northern areas. Its primary objectives include enhancing irrigation during the dry season, providing supplementary drinking water, and supplying additional water to Malwathu Oya system reservoirs and Huruluwewa reservoir in the Yan Oya basin. The NWS&DB aims to abstract 15,354 m³/day from Mahakanadarawa for drinking purposes, expanding to 19,800 m³/day by 2030 through the Anuradhapura North Water Supply Project. Despite project completion, Mahaweli water supply is pending, prompting the Irrigation Department's plan to channel excess water to Mahakanadarawa tank until the Mahaweli supply begins. To achieve this, the improvement of the Eruwewa-Mahakandarawa feeder canal (11km long) is proposed.

The following design works completed in 2024

- Construction of Closed Conduit at 3 +375
- Construction Canal Spill at 2+110
- Construction Canal Spill at 4+460
- Construction Box culvert at 6+661 & 9+217
- Typical Slope Protection section (0+510 to 4+510) and 4+675
- Construction of Bridge at 2+325
- Construction Bathing Step (0+510 to 4+510)
- Outlet Structure at Mudirippuwa tank at 8+650
- Canal Section from 8+625 to 9+825 in Mudirippuwa to Mahanochchikulama
- U/S Transition of canal lining, D/S Transition of canal lining & Canal lining & Drop
- U/S & D/S Protection Gated Regulator at 0+510



Figure 12-3: Eru Wewa – Mahakanadarawa Feeder Canal

b. Spillway Structure of Kanhindawewa tank

The spill structure had been severely damaged, and the spill tail canal had eroded. Hence, an ogee spill way was designed for the Kanhindawewa tank.

General

Region : Anuradhapura
DIE Division : Huruluwewa

Tank Details

Catchment area : 823 ha
Spill length : 75 m
Bund Length : 1360 m

12.2.4 Regional wise Allocation Distribution and Expenditure

Table 12-5: Regional wise Allocation Distribution and Expenditure

Region	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress %
Northern & North Central Zone	550	550	100

12.2.5 Staff Position

Table 12-6: Staff Position

No.	Designation	Approved Cadre	Present Cadre	Deficit / Excess
1	Director of Irrigation	1	1	-
2	Chief Engineer	1	1	-
3	Engineer (Civil)	5	1	4
4	DOA	1	-	1
5	DA	1	-	1
6	EAA	1	1	-
7	Draughtsman	3	0	3
8	Management Service Officer	2	2	-
9	Driver	3	1	2
10	KKS	1	-	1

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

12.3.1 Objective

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

12.3.2 Functions of the Office

- General administration and overall supervision of the Uva & East Zone
- Preparing preliminary investigation reports, Design and construction drawings for medium and minor irrigation schemes within the Zone. For the preparation of investigation reports all survey data and other details should be submitted by RDI (Regions) as per design of office instructions.
- Initiation of investigation and engineering surveys of irrigation projects with support from DI (Regions)
- Preparing feasibility reports for the medium and minor irrigation projects. For preparation of investigation reports all survey data and other details should be submitted by RDI (Regions) as per design of office instructions.
- Assist DI (Regions) to carry out water management models in the zone. RDI should have to request from the Design office.
- Studying the catchment and reservoir behavior of the zone, installing and developing the weather forecasting unit for efficient system management for flood and drought disaster situations.
- Upgrading standing orders of irrigation schemes.
- Providing supporting service to the environmental studies branch and assisting DI (Regions) to maintain irrigation schemes in an eco-friendly manner.
- Carry out research on construction technologies to be adopted in the field.
- Assist in preparing rate analysis of zone.
- Facilitating training for subordinates

12.3.3 Performance

a. Design of Badulu Oya Anicut

Badulu oya anicut is situated in Kandaktiya division of Badulla region. It was proposed to increase the weir height of the existing anicut to store and supply water to irrigable area due to increasing of water demand.

Design has been completed and submitted.



Figure 12-4: Badulu Oya Anicut

b. Design of Amunudowa Anicut

Amunudowa anicut is situated in a tributary of Umaoya at Bandarawela. Due to heavy flood in last year the existing anicut structure damaged. Therefore, it was proposed to construct a new anicut structure across the stream.

The design has been completed and submitted.



Figure 12-5: Amunudowa Anicut

Technical Details of Amunudowa anicut

- | | |
|-------------------------|-----------------|
| 1. Type | - C.O |
| 2. Length | - 17.30m |
| 3. Crest level | - 99.905m (RL) |
| 4. Nos of gate | - 3 Nos |
| 5. Size of gate | - 900 x 900 mm |
| 6. No.of silt ejector | - 01 No |
| 7. Size of silt ejector | - 450 x 450mm |
| 8. D'S office | - Bandarawela |
| 9. District | - Badulla |

c. Design of Trough structure for Madaela canal 1+615

Madaela canal is situated in Bathmadilla scheme in Kandakatiya division of Badulla region. It was proposed to construct a new trough structure for Madaela canal at 1+615

Co-ordinates : 499681.34 E, 792797.95 N

Size : 2.5 m x 1.8m

Length : 24 m

Design Discharge : 5 cumec

No. of Piers : 02

Design has been completed and submitted

d. Recommendations given for mitigating the flood in Welimada town area in Badulla District

The Urban Development Authority was requested to submit a proposal to mitigate the floods in Uma Oya at the Welimada town area. The proposal was submitted to UDA.



Figure 12-6: Map of the Location

e. Design of additional spillway for Sorabora tank – Mapakada division

Sorabora tank is situated at Mahiyangana in Mapakada division. During the last heavy rains, it was observed that the capacity of the existing spillway was not sufficient and it was decided to construct an additional spillway. The design has been completed and submitted.



Figure 12-7: Sorabora tank – Mapakada division

f. Construction of an anicut across the Kiramaara oya in Matara division

Visited the field and waiting for the site surveying and other technical data for design work.

12.3.4 Allocation Distribution and Expenditure

Table 12-7: Allocation Distribution and Expenditure

Description/Vote	Allocation Rs.(000')	Expenditure Rs.(000')	Financial Progress %
Management Supporting facilities 282-2-2-0-2001(11)-14	100	100	100%
Uma Oya D/S development project 282-2-3-52-2506(11)	500	475	94%
Feasibility Studies for Major, Medium Irrigation Projects and Survey /Soil/Geo/Technical Investigation	200	200	100%

12.3.5 Staff Position

Table 12-8: Staff position

Designation	Approval Cadre	Present Cadre	Deficit/Excess
Director of Irrigation	1	1	0
Chief Engineer		1	0
Irrigation Engineer	4	1	3
DOA	1	0	1
Development Officer	1	0	1
Engineering Assistant	4	1	3
Draftsman	3	0	3
Management Service Officer	2	2	0
Driver	2	1	1
Office employee	1	0	1
Labour (Draftsman)		1	0
Labour (Office & Field watcher)	1	1	0
Assistant draftsman (Monthly Contract Basis)		1	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 Assistant of the irrigation department, as well as many other in-service training programs and efficiency bar examination 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.

13.1.4 Performance

a. In service Training Program for Department officers -2024

Six (06) numbers of Technical examinations and Efficiency bar exams were conducted as follows in this institute.

- i. Junior Technical Examination for Engineering Assistants in Grade III (Practical) – 2024
- ii. Senior Technical Examination for Engineering Assistants in Grade II (Practical) - 2024
- iii. 2nd Efficiency Bar Examination for Engineering Assistants in Grade II– 2024
- iv. 3rd Efficiency Bar Examination for Engineering Assistants in Grade I – 2024
- v. 2nd Efficiency Bar Examination (EB II) for Engineering Assistants in Grade II – 2024 (2nd Time)
- vi. Examination at the end of one year training of the Draughts Persons Grade III -2024.

Totally six (06) numbers of In Service Training Programs were conducted in year 2024.

- i. Training Program for newly recruited Draughtman in the Irrigation Department
- ii. Training Program for Store Keepers in the Irrigation Department
- iii. Project Management Training Program for Engineering Assistants
- iv. Improving Technical and Managerial Skills for Irrigation Engineers
- v. Refreshment Training Program for newly recruited Draughtman in the Irrigation Department
- vi. Gap filling program for Engineering Assistants (IIESL).

b. Outside training programmers conducted in 2024

- Providing Facilities to Conducting Wild Life Programme.
- Survey Camp for Construction Building Service Technology & Geo Technology Students in Faculty of Technology for University of Jayawardhanapura.
- Providing Facilities to Climate Smart Irrigated Agriculture Project, Ministry of Agriculture and Plantation Industries.
- Providing Facilities to Training Program of Agrarian Department Officers under (N.W.P.C) Project.
- Providing Facilities to Climate Smart Irrigated Agriculture Project (CSIAP) - Ministry of Agriculture and Plantation Industries.
- Providing Facilities to Expert Team of Research Conservation Centre of Mahaweli Water Security Investment Program.
- Providing Facilities to Conducting 40th Anniversary Get Together of GITI 84/86 Batches.
- Providing Facilities to Training Program for “MONLAR” Officer at ITI Galgamuwa.
- Providing Facilities to, Officer of the Resident Project Manager System “H” Mahaweli Authority of Srilanka.
- Conducted Survey Camp for Colombo ICBT Campus Faculty of Engineering & Construction - 2024.
- Providing Facilities to Climate Smart Irrigated Agriculture Project (CSIAP).



Figure 13-1: Survey Camp for Colombo ICBT Campus Faculty of Engineering & Construction



Figure 13-2: Training Program for Improving Technical and Managerial Skills for Irrigation Engineers in Irrigation Department



Figure 13-3: Project Management Training Program for Engineering Assistants in Irrigation Department



Figure 13-4: Training Program for newly recruited Draughtman in the Irrigation Department

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	Maintenance of ITI Galgamuwa 282-02-02-0-2001-(11) -21	6.000	5.996	100%
2	Conducting Efficiency Bar Exams and other programmers related to SOR of Relevant services 282-01-01-0-2401 (11) -3	0.821	0.641	100%
3	Training at Galgamuwa ITI, Kothmale Regional zones 282-02-02-0-2401- (II) -1	2.868	2.723	100%
4	Establishing river profile in Major rivers 282-2-2-5-2105-(11) - 2	6.121	6.012	100%
5	Operation & Maintenance & service of training and other equipment at ITI Galgamuwa 282-02-02-0-2002(11) -2	3.000	3.000	100%
6	Purchase of equipment for ITI Galgamuwa 282-02-02-0-2103(11) -2	1.916	1.916	100%
7	Maintenance & Improvements to Buildings 282-02-2-0-2001-(11) -1	0.900	0.898	100%

No	Vote	Allocation Rs. '000	Expenditure Rs. '000	Physical Progress %
8	Expansion of Facilities at ITI Galgamuwa. 282-01-01-0-2001-11-2	6.100	6.083	50%
9	Maintenance of Lift Irrigation Works 282-2-2-0-2001-(11) -3	0.310	0.298	100%
10	Local Training Program 282-01-01-0-2401-11-2	1.102	0.519	50%
11	Management Supporting Facilities in ITI Galgamuwa	0.200	0.181	100%
	Total	29.338	28.267	

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	+2
3	Irrigation Engineer (Civil)	10	02	- 8
4	Earth Resource Engineer	01	01	-
5	Divisional Assistant	1	1	-
6	Engineering Assistant	05	03	-2
7	Development Officer	01	03	+2
8	Draughtsman	02	0	-2
9	Management Service officer	04	03	-1
10	Store Keeper	01	0	-1
11	Technical Assistant (Civil)	01	01	-
12	Driver	3	2	-1
13	Stores Assistant	1	-	-1
14	Plan printer/helper	1	0	-1
15	Office Assistant	2	2	-
16	Field Watcher	2	0	-2
17	Lab Assistant	1	1	-
18	Laborer (25/2014)	13	07	-6
19	Laborer	2	1	-1
20	Irrigation Office Assistant	-	01	+1

14 Other Project Implemented by the Irrigation Department

14.1 World Bank Funded Integrated Watershed & Water Resources Management Project (IWWRMP)

The main objective of the IWWRMP is to restore priority Watersheds, enhance functionality of Water Resources Infrastructure, and strengthen institutional capacity of Water resources Management. There are 10 number of items implementing under IWWRMP stage 01 and most of which have already been completed.

Project initiated - end of 2018

Total number of implementing packages by ID - 10 Packages

Approved allocation for stage 01 - 6.42 US\$ M

Table 14-1: IWWRMP Stage 01 progress up to 31-12-2024

Item No	Description	Contract Amount (Rs. Mn)	Fin. Progress (Rs. Mn)	Physical Progress %
01	Rehabilitation of Mahalindawewa Tank Bund	73.05	62.20	100
02	Improvement to Arawatta tank bund	70.84	54.61	100
03	Improvement of Senanayaka Samudraya Tank Bund	612.78	261.57	65
04	Improvement of Dewahuwa Scheme	173.80	130.71	100
05	Rehabilitation of D1, D2, D4 canals in Bathalagoda Scheme	111.01	57.53	100
06	Rehabilitation of D5, D7, D7RB canals in Bathalagoda Scheme	83.59	40.59	100
07	Improvements to Muhanthankulam main canal	209.53	129.90	100
08	Improvements to Akathimurippu Tank Bund	508.83	298.02	94
09	Improvements to Nagadeepa Scheme	79.33	25.21	85
10	Improvements to Haththota anicut – package 1	56.42	19.69	85
		1979.18	1080.02	

In addition to stage 01 Irrigation Department implementing 377 numbers of CBO packages under IWWRMP Repurposing.

Total number of approved implementing packages by ID - 383 Packages

Approved allocation for stage 01 - 4.85 US\$ M

Table 14-2: IWWRMP Repurposing progress up to 31-12-2024.

No	District	No of Works Implemented	Agreement Amount	Total Expenditure (Rs. Mn.)
1	Ampara	29	83.86	68.02
2	Anuradhapura	18	44.99	35.06
3	Badulla	11	25.37	21.92
4	Batticaloa	12	45.56	41.16
5	Colombo	13	9.60	6.72
6	Galle	23	40.63	22.96
7	Gampaha	18	22.70	21.01
8	Hambanthota	25	72.95	72.41
9	Kaluthara	08	12.91	11.68
10	Kandy	09	31.62	28.73
11	Kegalle	04	12.14	10.41
12	Kurunegala	18	55.24	46.04
13	Mannar	13	54.57	45.60
14	Matale	14	40.57	31.90
15	Matara	18	38.71	31.02
16	Monaragala	54	118.05	100.96
17	Nuwara-Eliya	17	56.63	50.58
18	Polonnaruwa	17	74.90	64.87
19	Puttalam	13	36.70	33.65
20	Rathnapura	14	17.12	16.24
21	Trincomalee	20	80.77	74.20
22	Vavuniya	9	40.61	36.69
		377	1016.20	871.83

Repurposing implementations almost finished in end of 2024 and retention payments only remains to proceed.

14.2 CResMPA

Climate Resilience Multi-Phase Programmatic Approach (CResMPA) Project activities was started in Year 2019 under Ministry of Irrigation. This is a World Bank funded Project and implementing in three phases through Irrigation Department. Under the Project, Component 5 was introduced in Year 2023 through Re- Purposing as benefit to the severely affected farmer community who suffer by Economic crisis of the country.

The Purpose of this component is to influence the improvement of water conveyance efficiency and mitigate the hazards due to flood and draught. In order to achieve its scope, the project was designed to all 25 districts including Major, Medium and Minor tanks which come under Irrigation Department (ID), Provincial Irrigation Department (PID) and Department of Agrarian Development. (DAD)

The total value of this project was US\$ 15 million and additional US\$ 2 million was granted in year 2024 and Project starting from 26th May 2023. The selection of project activities was carried out by coordinating with affected communities and district authorities to do the careful assessments of urgent needs and rehabilitation. The expected benefits from this project are improving irrigation / drainage facilities for 21,000 ha of Imitable land and helping 48,000 beneficiaries though proper water management. Implementation process fully carried out by existing Irrigation Department staff in addition to their day to day activities which enhance institution capacity also.

Under the original procurement plan, 1,241 items were identified in 25 districts. The maximum value of a single package should be Rs. 30 million and out of which around 60% of activities were selected within Rs. 5 million as designed by funding agencies for fair distribution and labour intensive jobs within farmer community. Under this component both Civil and Mechanical rehabilitation works have been included and the mechanical works are carrying out directly though Irrigation Department Mechanical workshops. Other works have been planned to carry out by Direct Contract (DC) by Department, Shopping (Request for Quotation -RFQ) and National competitive bidding (NCB).

No of estimate prepared	: 1,166
No of “No Objection” granted Packages	: 1,121
Awarded Packages	: 1,084
Completed Packages in year 2024	: 461
Expenditure in year 2024	: Rs.1752.94 Mn
Physical Progress in 2024	: 56%
Cumulative Physical Progress upto 2024	: 74%
Cumulative Expenditure up to 2024	: Rs 2,117.42 Mn

Benefits of the project (Achieved)

- 179,524 Beneficiaries benefitted all over the country.
- 21,000 Ha extended Irrigable Land Area
- 113.7 km of Canal improved

Annex 01: Financial Performance

Financial Performance

Programme 01 – Operational Activities

Rs. '000								
Project	Object Code	Description	2023 Estimate	2023 Actual	2024 Estimate	2024 Actual	Increase/ Decrease Over 2023 Expenditure	Increase/ Decrease based on Actual Expenditure 2023 %
1		Recurrent Expenditure	924,000	799,262	1,006,000	902,097	80,939	10.13
		Personal Emoluments	695,000	625,579	713,850	708,389	82,810	13.24
	1001	Salaries and Wages	442,000	405,326	454,920	392,648	(12,678)	(3.13)
	1002	Over Time and Holiday Payments	14,000	5,538	24,200	5,288	(250)	(4.51)
	1003	Other Allowances	239,000	214,715	234,730	310,453	95,738	44.59
		Travelling Expenses	6,000	3,138	13,000	4,954	1,816	57.87
	1101	Domestic	6,000	3,138	8,000	3,123	(15)	-0.48
	1102	Foreign	-	-	5,000	1,831	1,831	-
		Supplies	94,400	57,712	123,100	60,170	2,458	4.26
	1201	Stationery and Office Requisites	35,000	15,734	34,400	20,437	4,703	29.89
	1202	Fuel	59,000	41,794	85,600	38,314	(3,480)	(8.33)
	1203	Diets and Uniform	400	184	3,100	1,419	1,235	671.20
		Maintenance Expenditure	23,000	24,267	50,100	30,511	4,621	19.04
	1301	Vehicles	20,000	19,947	45,000	26,000	6,053	30.35
	1302	Plant and Machinery	3,000	4,320	3,500	2,888	(1,432)	(33.15)
		Contractual Services	98,500	81,861	99,550	92,662	(9,472)	(11.57)
	1401	Transport	12,000	13,115	13,200	14,353	1,238	9.44
	1402	Postal and Communication	12,000	13,270	15,000	12,331	(939)	(7.08)
	1403	Electricity & Water	45,000	29,106	35,550	33,242	4,136	14.21
	1404	Rents and Local Taxes	-3,500	3,123	3,800	5,259	2,136	68.40
	1405	Cleaning and Janitorial Services	-	-	10,000	8,627	-	-
	1407	Security Services	-	-	14,300	11,646	-	-
	1409	Other	26,000	23,247	7,700	7,204	(16,043)	(69.01)

Project	Object Code	Description	2023 Estimate	2023 Actual	2023/24 Estimate	2024 Actual	Increase/ Decrease Over 2023 Expenditure	Increase/ Decrease based on Actual Expenditure 2023 %
1		Transfer	7,100	6,705	6,400	4,861	(1,844)	(27.50)
	1502	Retirements Benefits	-	-			-	
	1505	Subscriptions and contributions Fees	3,100	3,005	3,200	1,832	(1,173)	(39.03)
	1506	Property Loan Interest to Public Servants	4,000	3,700	3,200	3,029	(671)	(18.14)
		Other Recurrent Expenditure	-	-	-	550	550	-
	1701	Losses & Write off		-		550	550	-
		Capital Expenditure	26,000	25,649	73,000	75,399	49,750	193.96
		Rehabilitation and Improvement of Capital Assets	24,500	23,760	60,000	65,994	42,234	177.75
	2001	Building and Structures	10,000	9,606	30,000	36,100	26,494	275.81
	2002	Plant Machinery and equipment	2,500	2,477	10,000	10,000	7,523	303.71
	2003	Vehicles	12,000	11,677	20,000	19,894	8,217	70.37
		Acquisition of Capital Assets		-		4,919	4,919	-
	2102	Furniture and Office Equipment		-	10,000	4,919	4,919	-
		Human Resource Development	1,500	1,889	3,000	4,486	2,597	137.48
	2401	Staff Training	1,500	1,889	3,000	4,486	2,597	137.48
		Total Expenditure	950,000	824,911	1,079,000	977,496	130,689	15.84

Programme 02 – Development Activities

Project	Sub Project	Object Code	Description	2023 Estimate	2023 Actual	2024 Estimate	2024 Actual	Increase/ Decrease Over 2023 Expenditure	Increase/ Decrease based on Actual Expenditure 2023 %
2			Recurrent Expenditure	3,300,000	2,919,663	3,311,000	3,461,067	541,404	18.54
			Personal Emoluments	2,695,000	2,497,737	2,738,010	2,982,486	484,749	19.41
		1001	Salaries and Wages	1,747,000	1,642,241	1,774,570	1,651,048	8,807	0.54
		1002	Over Time and Holiday Payments	60,000	29,860	60,000	40,279	10,419	34.89
		1003	Other Allowances	888,000	825,636	903,440	1,291,159	465,523	56.38
								-	
			Travelling Expenses	30,000	25,301	31,000	24,856	(445)	(1.76)
		1101	Domestic	30,000	25,301	31,000	24,856	(445)	(1.76)
				30,000	25,301	31,000	24,856	(445)	(1.76)
			Supplies	388,000	204,872	320,905	253,396	48,524	23.69
		1201	Stationery and Office Requisites	38,600	11,429	40,000	34,875	23,446	205.14
		1202	Fuel	348,000	192,127	279,555	217,301	25,174	13.10
		1203	Diets and Uniform	1,400	1,316	1,350	1,220	(96)	(7.29)
								-	
			Maintenance Expenditure	72,000	40,133	70,000	55,056	14,923	37.18
		1301	Vehicles	64,000	33,880	60,000	46,964	13,084	38.62
		1302	Plant and Machinery	8,000	6,253	10,000	8,092	1,839	29.41
								-	
			Contractual Services	106,000	144,208	143,085	138,451	(5,757)	(3.99)
		1401	Transport	1,800	3,080	3,600	3,150	70	2.27
		1402	Postal and Communication	20,000	15,918	21,000	17,511	1,593	10.01
		1403	Electricity & Water	80,000	121,469	91,000	101,958	(19,511)	(16.06)
		1404	Rents and Local Taxes	3,600	3,286	2,885	2,837	(449)	(13.66)
		1405	Other	-	-	-	-	-	
		1407	Security Services	-	-	3,700	2,872	2,872	
		1409	Other	600	455	20,900	10,123	9,668	2124.84
			Transfer	9,000	7,412	8,000	6,822	(590)	(7.96)
		1505	Subscriptions and Contribution Fees	1,000	521	1,000	558	37	7.10
		1506	Property Loan Interest to Public Servants	8,000	6,891	7,000	6,264	(627)	(9.10)

Project	Sub Project	Object Code	Description	2023 Estimate	2023 Actual	2024 Estimate	2024 Actual	Increase/ Decrease Over 2023 Expenditure	Increase/ Decrease based on Actual Expenditure 2023 %
2			Capital Expenditure	2,253,000	2,139,564	6,840,000	6,299,513	4,159,949	194.43
			Rehabilitation and Improvement of Capital Assets	290,000	281,720	745,000	747,923	466,203	165.48
		2001	Building and Structures	190,000	180,651	600,000	604,077	423,426	234.39
		2002	Plant Machinery and equipment	75,000	74,357	100,000	99,749	25,392	34.15
		2003	Vehicles	25,000	26,712	45,000	44,097	17,385	65.08
			Acquisition of Capital Assets	85,000	82,343	291,000	203,384	121,041	147.00
		2101	Vehicles	-	-	-	-	-	-
		2102	Furniture and Office Equipment	-	-	6,000	5,887	5,887	-
		2103	Plant Machinery and equipment	5,000	11,563	200,000	152,402	140,839	1218.01
		2104	Building and Structures	80,000	70,780	85,000	45,095	(25,685)	(36.29)
			Human Resource Development	3,000	3,198	3,000	2,807	(391)	(12.23)
		2401	Staff Training	3,000	3,198	3,000	2,807	(391)	(12.23)
			Other Capital Expenditure					-	
		2503	Contigeney Servises	-	-	-	-	-	-
		2505	Procurement Preparedness	10,000	5,123	8,000	4,736	(387)	(7.55)
		2507	Research & Development	40,000	54,367	113,000	73,432	19,065	35.07
								-	
	1	2001	Gravity Irrigation Works	1,000,000	979,672	2,150,000	2,109,690	1,130,018	115.35
			Building & Structures	1,000,000	979,672	2,150,000	2,109,690	1,130,018	115.35
								-	
	2	2001	Improvements to major Irigation Works					-	-
			Building & Structures	-	-	-	-	-	-
								-	-
	3	2001	Additions and Improvements to Existing Irrigation					-	-
			Irrigation Works	-	-	-	-	-	-

Project	Sub Project	Object Code	Description	2023 Estimate	2023 Actual	2024 Estimate	2024 Actual	Increase/ Decrease Over 2023 Expenditure	Increase/ Decrease based on Actual Expenditure 2023 %
	4	2001	Essential Rehabilitation in selected Major Irrigation Schemes	725,000	655,137	2,700,000	2,461,287	1,806,150	275.69
			Essential Rehabilitation	725,000	655,137	2,700,000	2,461,287	1,806,150	275.69
	5	2105	River Basin Development & Management	100,000	78,004	-	-	(78,004)	(100.00)
			River Basin Development & Management	100,000	78,004	-	-	(78,004)	(100.00)
		2105	Lands and Land Improvement	-	-	830,000	667,468	667,468	
	6	2105	Expenditure related to the lands acquired for Irrigation projects and existing lands under the department	-	-	-	28,786	28,786	
			Lands and Land Improvement						
			Total Expenditure	5,553,000	5,059,227	10,151,000	9,760,580	4,701,353	92.93

Annex 02: Committed Expenditure 2024

Head : 282 Irrigation Department
 Programme 01 : Operational Activities
 Project 01 : Administration & Establishment Services

Project	Sub Projects	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Budget Allocation (Rs.'000)	Expenditure up to end of December (Rs. '000)	Financial Progress %
1						Capital Expenditure			
						Rehabilitation and Improvements of Capital Assets	66,100	65,993	99.8
1		2001	11			Buildings and Structures	36,100	36,100	100.0
				1		Irrigation Secretariat	18,039	18,039	100.0
				2		Expansion of facilities at ITI Galgamuwa	6,083	6,083	100.0
				3		Rehabilitation of Ratmalana Housing Scheme	10,008	10,008	100.0
				4		Improvements to laboratories in head office premises.	1,971	1,971	100.0
1		2002	11			Plant Machinery & Equipment	10,000	9,999	100.0
1		2003	11			Vehicles	20,000	19,894	99.5
						Acquisition of Capital Assets	17,000	4,919	28.9
1		2102	11			Furniture and Office Equipment	17,000	4,919	28.9
						Capacity Building	6,400	4,487	70.1
1		2401	11			Staff Training	6,400	4,487	70.1
				1		Attending Training programmes, International events, bi lateral agreements and Funding programmes	-	-	-
				2		Attending Local Training programmes	2,100	1,784	85.0
				3		Conducting Efficiency bar exams and other programmes related to SOR of relevant services.	4,300	2,703	62.9
						Total Expenditure – Project 1	89,500	75,399	84.2

Head - 282
 Programme 01 - Operational Activities
 Project 02 - Administration & Maintenance of Irrigation Scheme

Project	Sub Project	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Approved Budget Allocation (Rs.'000)	Expenditure up to end of December (Rs. '000)	Financial Progress %
2						Capital Expenditure			
		2001	11			Rehabilitation and Improvement of Capital Assets	830,000	747,923	90.1
						Buildings and Structures	685,000	604,077	88.2
				1		Maintanance and Improvements to Buildings	89,000	85,586	96.2
				2		Operation and Maintanance of Gravity Irrigation Works	25,000	21,285	85.1
				3		Operation and Maintanance of Lift Irrigation Works	3,193	3,180	99.6
				4		Operation and Maintanance of Drainage and Flood Protection Works	64,500	60,256	93.4
				5		Maintenance of Departmental Roads in Irrigation Schemes	61,000	54,799	89.8
				6		Maintenance & Improvements to Mahanuwara Wewa	6,000	5,977	99.6
				7		Electrical / Electro Mechanical Installations	15,000	9,240	61.6
				8		Farmer Organization Development and Farm Productivity & Profitability	6,000	5,442	90.7
				9		Flood Damage repairs and other repairs due to natural Disasters	276,500	242,662	87.8
				10		Improvements to Head Works of Tanks for Additional Safety	35,000	33,198	94.9
				11		Recovery of Possession and Safeguarding of Departmental Lands and Reservations	16,000	12,012	75.1
				12		Management supporting facilities for O&M	7,000	4,885	69.8
				13		Remedial measures to safeguard crops during emergency situations	2,207	2,207	100.0
				14		Protection of upper catchment and water shed management	600	574	95.7
				15		Maintenance of Department Circuits	17,500	12,857	73.5
				16		Improvements to spill tail canal & Drainage system in Irrigation schemes	22,500	17,720	78.8
				17		Improvements to Mechanical Workshops	8,000	7,470	93.4
				18		Improvements and maintenance of Hydrological Gauging Stations	1,500	894	59.6
				19		Improvements to feeder canals	20,500	15,841	77.3
				20		Maintenance and Improvements to model farms	2,000	1,997	99.8
				21		Maintenance of ITI Galgamuwa	6,000	5,996	99.9
		2002	11			Plant, Machinery and Equipment	100,000	99,749	99.7
				1		Plant, Machinery and Equipment	97,000	96,749	99.7
				2		Operation & Maintenance & Service of training & other equipment at ITI Galgamuwa	3,000	3,000	100.0
		2003	11			Vehicles	45,000	44,097	98.0

Project	Sub Project	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Approved Budget Allocation (Rs.'000)	Expenditure up to end of December(Rs . '000)	Financial Progress %
2						Acquisition of Capital Assets	262,000	203,384	77.6
		2102	11			Furniture and Office Equipment	6,000	5,887	98.1
		2103	11			Plant, Machinery and Equipment	200,000	152,403	76.2
				1		Purchase of Machinery	144,078	144,078	100.0
				2		Purchase of Equipment for ITI Galgamuwa	2,000	1,999	100.0
				3		Purchase of Instruments and required tools for LUD, Hydraulics lab, Geology lab,Engineering Materials lab, Hydrology and GIS divisions.	35,922	1,214	3.4
				4		Purchase of Communication Equipment	10,000	1,169	11.7
				5		Purchases of O&M Machinery & field Equipment	3,000	707	23.6
				6		Purchase of equipments for Mechanical Workshop	3,000	2,977	99.2
				7		Purchase of Engineering, Administration and Management software and updates	2,000	257	12.9
		2104	11			Buildings and Structures	56,000	45,095	80.5
				1		Construction of bachelor's quarters for EAA(Ladies) in Potuwil DIE office	4,754	4,422	93.0
				2		Construction of bachelor's quarters for EAA(Gents) in Potuwil DIE office	4,600	4,326	94.0
				3		Construction of Workshop building for Rambawa workshop (New)	0	-	-
				4		Balance work of Construction of quarters in Kurunegala DI office	-	-	-
				5		Balance work of Construction of senior officers quarters in Jawaththa	27,000	21,198	78.5
				6		Construction of new Workshop building for Ratmalana Mechanical workshop (New)	-	-	-
				7		Construction of Drivers Quarters and Record room in Lot 34 (New)	-	-	-
				8		Balance work of Construction of Kalmunai DIE's offices	1,646	1,079	65.6
				9		Balance work of Construction of Central Zonel offices	7,000	6,903	98.6
				10		Construction & Balance work of Maha-Oya Divisional Irrigation Engineer Office	11,000	7,167	65.2
						Capacity Building	3,000	2,807	93.6
		2401	11			Staff Trainning	3,000	2,807	93.6
				1		Training at Galgamuwa ITI,Kotmale, Regional & Zones	3,000	2,807	93.6
				2		Training programme conducted with the collaboration of foreign institute		-	-

Project	Sub Project	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Approved Budget Allocation (Rs.'000)	Expenditure up to end of December(Rs . '000)	Financial Progress %
		2505	11			Other Capital Expenditure	121,000	78,168	64.6
						Procurement Preparedness	8,000	4,736	59.2
				1		Facilities for data analysis and Documentation for Investigation works	1,000	-	-
				2		Arbitration Fees	1,000	104	10.4
				3		Tender Evaluation and Publicity of Major Contracts	3,000	1,633	54.4
				4		Publicity and Registration of Suppliers for Procurement of Machinery and Equipment	3,000	3,000	100.0
		2507	11			Research & Development	113,000	73,432	65.0
				008		Feasibility Studies	50,000	35,409	70.8
					1	Feasibility Studies for Major, Medium Irrigation Projects and surveys/soil/Geo Technical Investigations	6,000	3,744	62.4
					2	Environmental Impact Assessment Studies (EIA)	4,000	2,585	64.6
					3	Surveying & Investigation of existing Schemes	1,000	841	84.1
					4	Hydrological Studies and data Collection	22,500	18,499	82.2
					5	Land Use Studies	1,500	1,369	91.3
					6	Geological Studies	11,000	5,889	53.5
					7	Hydraulic Model Studies	500	500	99.9
					8	Engineering Material Studies	1,000	944	94.4
					9	Geo informatics studies	1,000	58	5.8
				10		Water quality monitiring of Reservoirs and Rivers	1,500	979	65.3
				009		Specialized Studies	45,000	29,683	66.0
					1	Hydrological Studies and data Collection	22,000	21,997	100.0
					2	Land Use Studies	2,500	2,302	92.1
					3	Geological Studies	14,000	828	5.9
					4	Hydraulic Model Studies	1,500	1,500	100.0
					5	Engineering Material Studies	1,000	832	83.2
					6	Geo informatics studies	854	272	31.9
					7	Calibration & Water management Studies	1,146	843	73.5
					8	Research Support & Process Improvement	1,000	1,000	100.0
					9	Establishment of 4 nos of water quality monitiring units and Water quality monitoring of reservoirs	1,000	109	10.9
				10		Demonstration Irrigation systems on new technology at ITI Galgamuwa		-	-

Project	Sub Project	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Approved Budget Allocation (Rs.'000)	Expenditure up to end of December(Rs . '000)	Financial Progress %
				010		Enhancing & Upgrading the Irrigation Department IT & other Capabilities	18,000	8,340	46.3
					1	Computerization and networking of the Irrigation Department to enhance and upgrade the Engineering and Management Processes	13,350	6,268	46.9
					2	Improving and Upgrading the Hydrological Monitoring and Flood Warning capabilities of the Hydrology Division		-	-
					3	Management supporting facilities for Human Resources Development	1,000	913	91.3
					4	Publicity related Activities,Project Monitoring and Evaluation	1,000	427	42.7
					5	Welfare facilities		-	-
					6	Land & Legal Matters	400	144	36.1
					7	Activities related to water day	2,000	452	22.6
					8	Activities related to River day	250	135	54.1
	1	2001	11			Gravity Irrigation Works	2,150,000	2,109,690	98.1
					1	Establishment & Improvement of Unit Offices	50,000	46,509	93.0
					2	Gravity Irrigation works	2,050,000	2,015,555	98.3
					3	Improvements to water Management and conveyance efficiency	50,000	47,626	95.3
	4	2001	11			Essential Rehabilitation in selected Major Irrigation Schemes	2,700,000	2,461,287	91.2
					1	Essential Rehabilitation in selected Major Irrigation Schemes	1,767,400	1,597,063	90.4
					2	Balance work of Polonnaruwa Irrigation Development Project	700,000	683,169	97.6
					3	Improvements to Flood Protection Systems in Maoya, Aththanagalu oya and Bentara ganga Project	190,600	141,536	74.3
					4	Balance work of Flood Mitigation Projects in Kelani Ganga, Kalu ganga basin, Nilwala ganga basin & Gin ganga	42,000	39,519	94.1
	5	2105	11			River Basin Development and Management	770,000	667,468	86.7
					1	Sediment transport studies & data collection	1,000	-	-
					2	Establishing river profiles in major rivers	194,000	184,156	94.9
					3	Establishment of new hydrological gauging station in major rivers	4,000	-	-
					4	Hydraulic Model Studies for Riverine Management	2,000	249	12.4
					5	Community awareness	3,050	805	26.4
					6	Embankment Protection	489,700	414,599	84.7
					7	Water Quality Monitoring	950	425	44.8
					8	Clean river programme	14,000	13,688	97.8
					9	River Basin Management	11,300	6,391	56.6

Project	Sub Project	Object	Finance Code	Items	Sub Item	Category /Object / Item/ Description	Approved Budget Allocation (Rs.'000)	Expenditure up to end of December(Rs . '000)	Financial Progress %
	6	2105	11		1	Land acquisition under Irrigation Projects & other expenditures related to Departmental Lands	30,000	28,786	96.0
					1	Land acquisition & other expenditures related to Departmental Lands	23,500	23,329	99.3
					2	Land acquisition related to Irrigation Projects	6,500	5,457	84.0
						Total – Project 2	6,866,000	6,299,514	91.7

Programme 02 - Development Activities

Project 03 - Major Irrigation Schemes

Name of the Project	Budget Allocation (Rs.'000)	Expenditure up to end of December (Rs. '000)	Financial Progress (%)
Yan Oya Project 282-02-03-05-2105-11	6,000,000	2,573,026	42.88
Morana Reservoir 282-02-03-13-2105-11	170,000	48,081	28.28
Ellawewa Reservoir 282-02-03-14-2506-11	500,000	173,166	34.63
Rugam-Kitulgama Reservoir (Mundeni Aru Basin Development Project) 282-02-03-19-2105-11	110,000	21,930	19.94
Kelani River Bund Protection 282-02-03-23-2105-11	670,000	139,570	20.83
Development and Improvement of Godigamuwa Tank in Matale District 282-02-03-25-2105-11	60,000	25,923	43.21
Uma Oya Down Stream Development Project (Construction of Alikota Ara storage 282-02-03-32-2105-11	3,414,000	2,558,607	74.94
Himbiliyakada Waththegedara Irrigation Infrastructure Development Project 282-02-03-34-2105-11	250,000	34,588	13.84
Lower Malwathu Oya Multi- sector Development Project 282-02-03-36-2105-11	2,700,000	608,221	22.53
Thalpitigala Reservoir Project 282-02-03-37-2105-11	500,000	86,963	17.39
Barrack Plane Development Project 282-02-03-38-2105-11	100,000	27,452	27.45
Construction of Mahakithula Entrance Tunnel and Associated Canal 282-02-03-40-2105-11	1,000,000	-	-
Construction of the Canal from Eruwewa to Mahakanadarawa Reservoir 282-02-03-41-2105-11	1,000,000	375,789	37.58
Total Expenditure – Project 3	16,414,000	6,673,317	40.66

Annex 03: Cadre Position of the Department

S. No	Designation	Service	Grade	Salary Code	Approved Cadre	Exsting Cadre	Number of Vacancies
1	Director General of Irrigation (වාරිමාර්ග අධ්‍යක්ෂ ජනරාල්)		Special	SL 3	1	1	0
2	Additional Director General of Irrigation (අතිරේක වාරිමාර්ග අධ්‍යක්ෂ ජනරාල්)	SLEgS	Special	SL 3	4	4	0
3	Additional Director General (අතිරේක අධ්‍යක්ෂ ජනරාල්)	SLAS	Special	SL 3	1	1	0
4	Chief Financial Officer (ප්‍රධාන මූල්‍ය නිලධාරී)	SLAcS	Special	SL 3	1	1	0
6	Director of Irrigation (Civil) (වාරිමාර්ග අධ්‍යක්ෂ (සිවිල්))	SLEgS	I	SL 1	36	35	1
7	Director Mechanical (යාන්ත්‍රික අධ්‍යක්ෂ)	SLEgS	I	SL 1	3	1	2
5	Chief Engineer (Civil) (ප්‍රධාන ඉංජිනේරු (සිවිල්))	SLEgS	I	SL 1	40	38	2
8	Chief Engineer (Mechanical) (ප්‍රධාන ඉංජිනේරු (යාන්ත්‍රික))	SLEgS	I	SL 1	3	0	3
9	Engineer (Civil) (ඉංජිනේරු (සිවිල්))	SLEgS	III/II	SL 1	229	147	82
10	Earth Resource Engineer (භූ සම්පත් ඉංජිනේරු)	SLEgS	III/II	SL 1	40	31	9
11	Engineer (Mechanical) ඉංජිනේරු (යාන්ත්‍රික)	SLEgS	III/II	SL 1	25	22	3
12	Engineer (Electronic) ඉංජිනේරු (ලුහු වීදුලි)	SLEgS	III/II	SL 1	1	0	1
13	Engineer (Electrical) ඉංජිනේරු (බැර වීදුලි)	SLEgS	III/II	SL 1	1	0	1
14	Director (Administration) අධ්‍යක්ෂ (පරිපාලන)	SLAS	I	SL 1	2	1	1
15	Assistant Director/Deputy Director (Administration) සහකාර අධ්‍යක්ෂ/ නියෝජ්‍ය අධ්‍යක්ෂ (පරිපාලන)	SLAS	III/II	SL 1	2	0	2
16	Assistant Director/Deputy Director (Land) සහකාර අධ්‍යක්ෂ/ නියෝජ්‍ය අධ්‍යක්ෂ (ඉඩම්) –	SLAS	III/II	SL 1	1	0	1
17	Assistant Director (ICT) - සහකාර අධ්‍යක්ෂ (තොරතුරු හා සන්නිවේදන තාක්ෂණ)	SLICTS	I/III	SL 1	1	0	1

S. No	Designation	Service	Grade	Salary Code	Approved Cadre	Exsting Cadre	Number of Vacancies
18	Chief Accountant - ප්‍රධාන ගණකාධිකාරී	SLAcS	I	SL 1	1	0	1
19	Chief Accountant (Accounts & Estimates) - ප්‍රධාන ගණකාධිකාරී (ගිණුම් හා ඇස්තමේන්තු)	SLAcS	I	SL 1	1	1	0
20	Chief Internal Auditor - ප්‍රධාන අභ්‍යන්තර විගණක -	SLAcS	I	SL 1	1	1	0
21	Accountant - ගණකාධිකාරී	SLAcS	III/II	SL 1	20	15	5
22	Director (Land Use) - අධ්‍යක්ෂ (ඉඩම් පරිහරණ)	SLSS	I	SL 1	1	0	1
23	Hydrological Data Superintendent - ජල විද්‍යා දත්ත අධිකාරී	SLSS	III/II	SL 1	1	0	1
24	Hydrological Field Superintendent - ජල විද්‍යා ක්ෂේත්‍ර අධිකාරී	SLSS	III/II	SL 1	1	1	0
25	Engineering Matierials Superintendent - ඉංජිනේරුමය ද්‍රව්‍ය අධිකාරී	SLSS	III/II	SL 1	1	0	1
26	Civil Engineering Matierials Survey Superintendent - සිවිල් ඉංජිනේරුමය ද්‍රව්‍ය සමීක්ෂක අධිකාරී	SLSS	III/II	SL 1	1	0	1
27	Hydrological Superintendent - ජලගැන්වී අධිකාරී	SLSS	III/II	SL 1	1	0	1
28	Land Use Superintendent - ඉඩම් පරිහරණ අධිකාරී -	SLSS	III/II	SL 1	3	1	2
29	Chief Drawing Office Assistant - ප්‍රධාන සැලසුම් කාර්යාල සහකාර -	SLSS	III/II	SL 1	1	1	0
30	Specialist Officer (Land Use) - විශේෂඥ නිලධාරී (ඉඩම් පරිහරණ) -	SLSS	III/II	SL 1	2	0	2
31	Assistant Soil Chemist - සහකාර පඨ රසායන	SLSS	III/II	SL 1	5	2	3
32	Research Officer (Land Use) - පර්යේෂණ නිලධාරී (ඉඩම් පරිහරණ)	SLSS	III/II	SL 1	1	0	1
33	Instrument Superintendent - උපකරණ අධිකාරී	SLSS	III/II	SL 1	1	0	1
34	Geologist - භූ විද්‍යාඥ	SLSS	III/II	SL 1	2	2	0
35	Leagle Officer - නීති නිලධාරී	Dept.	III/II/I	SL 1	1	0	1
36	Drilling Superintendent - විදුම් අධිකාරී	Dept.	III/II	SL 1	1	0	1
	Total of Senior level				437	306	131

S. No	Designation	Service	Grade	Salary Code	Approved Cadre	Exsting Cadre	Number of Vacancies
37	Divisional Assistant (Mechanical) - කොට්ඨාශ සහකාර (යාන්ත්‍රික) -	SLTS	Special	MN 7	6	0	6
38	Drawing Office Assistant - සැලසුම් කාර්යාල සහකාර	SLTS	Special	MN 7	31	1	30
39	Assistant Drilling Superintendent - සහකාර විදුම් අධිකාරී	SLTS	Special	MN 7	3	2	1
40	Senior Hydrological Assistant - ජ්‍යෙෂ්ඨ ජල විද්‍යා සහකාර	SLTS	Special	MN 7	2	0	2
41	Senior Hydrological Field Assistant - ජ්‍යෙෂ්ඨ ජල විද්‍යා ක්ෂේත්‍ර සහකාර	SLTS	Special	MN 7	3	0	3
42	Senior Research Assistant (Civil Engineering, Materials) - ජ්‍යෙෂ්ඨ පර්යේෂණ සහකාර (සිවිල් ඉංජිනේරුමය ද්‍රව්‍ය) -	SLTS	Special	MN 7	2	0	2
43	Senior Civil Engineering Materials Surveyor - ජ්‍යෙෂ්ඨ සිවිල් ඉංජිනේරුමය ද්‍රව්‍ය සමීක්ෂක -	SLTS	Special	MN 7	4	0	4
44	Assistant Instrument Superintendent - සහකාර උපකරණ අධිකාරී	SLTS	Special	MN 7	1	0	1
45	Senior Research Assistant (Hydraulics) - ජ්‍යෙෂ්ඨ පර්යේෂණ සහකාර (ජල ගතික)	SLTS	Special	MN 7	1	0	1
46	Senior Research Assistant (General) - ජ්‍යෙෂ්ඨ පර්යේෂණ සහකාර (සාමාන්‍ය)	SLTS	Special	MN 7	1	0	1
47	Senior Soil Cartographer - ජ්‍යෙෂ්ඨ පාංශු ප්‍රස්ථාරක -	SLTS	Special	MN 7	1	0	1
48	Senior Soil Surveyor - ජ්‍යෙෂ්ඨ පස් සමීක්ෂක	SLTS	Special	MN 7	3	1	2
49	Administrative Officer - පරිපාලන නිලධාරී	PMAS	Supra	MN 7	22	16	6
50	Divisional Assistant - කොට්ඨාශ සහකාර	EgAS	Special	MN 7	65	0	65
51	Translator - භාෂා පරිවර්තක	TS	II/I	MN 6	3	2	1
52	Information & Communication Technology Officer - තොරතුරු හා සන්නිවේදන තාක්ෂණ නිලධාරී	SLICTS	III/II/I	MN 6	1	1	0
53	Institutional Development Officer - ආයතන සංවර්ධන නිලධාරී	Dept.	II/I	MN 5	4	4	0
	Total of Tertiary level				153	27	126

S. No	Designation	Service	Grade	Salary Code	Approved Cadre	Exsting Cadre	Number of Vacancies
54	Budget Assistant - අයවැය සහකාර	Asso. Officer	III/II/I	MN 4	1	0	1
55	Development Officer - සංවර්ධන නිලධාරී -	DOS	III/II/I	MN 4	266	372	0
56	Engineering Assistants - ඉංජිනේරු සහකාර	EgAS	III/II/I	MN 3	636	523	113
57	Draftsman - සැලසුම් ශිල්පී	SLTS	III/II/I	MN 3	266	136	130
58	Drilling Assistant - විදුම් සහකාර	SLTS	III/II/I	MN 3	27	19	8
59	Research Assistant (General) - පර්යේෂණ සහකාර (සාමාන්‍ය)	SLTS	III/II/I	MN 3	6	3	3
60	Civil Engineering Matierials Surveyor - සිවිල් ඉංජිනේරුමය ද්‍රව්‍ය සමීක්ෂක	SLTS	III/II/I	MN 3	38	19	19
61	Soil Cartographer - පාංශු ප්‍රස්ථාරක	SLTS	III/II/I	MN 3	5	2	3
62	Hydrological Assistant - ජල විද්‍යා සහකාර	SLTS	III/II/I	MN 3	19	10	9
63	Hydrological Field Assistant - ජල විද්‍යා ක්ෂේත්‍ර සහකාර	SLTS	III/II/I	MN 3	32	28	4
64	Research Assistant (Engineering Material) - පර්යේෂණ සහකාර (ඉංජිනේරුමය ද්‍රව්‍ය)	SLTS	III/II/I	MN 3	16	12	4
65	Soil Surveyor - පස් සමීක්ෂක	SLTS	III/II/I	MN 3	28	14	14
66	Research Assistant (Hydraulics) - පර්යේෂණ සහකාර (ජල ශක්ති)	SLTS	III/II/I	MN 3	15	11	4
67	Librarian - පුස්තකාලාධිපති	SLGLS	III/II/I	MN 3	2	0	2
68	Mechanical Foreman - යාන්ත්‍රික මූලික	SLTS	III/II/I	MN 3	22	8	14
69	Management Service Officer - කළමනාකරණ සේවා නිලධාරී	MSOS	III/II/I	MN 2	759	560	199
70	Assistant Librarian - පුස්තකාල සහකාර	Dept.	III/II/I	MN 1	2	0	2
71	Store Keeper - ගබඩා භාරකරු	Dept.	III/II/I	MN 1	81	44	37
72	Clerk - ලිපිකරු	Dept.	III/II/I	MN 1	1	1	0

S. No	Designation	Service	Grade	Salary Code	Approved Cadre	Exsting Cadre	Number of Vacancies
73	Technical Aide (Irrigation) - තාක්ෂණ සහායක (වාරිමාර්ග)	Dept.	III/II/I	MT 1	463	431	32
74	Technical Aide (Mechanical) - තාක්ෂණ සහායක (යාන්ත්‍රික)	Dept.	III/II/I	MT 1	32	13	19
75	Information & Communication Technology Assistant - තොරතුරු හා සන්නිවේදන තාක්ෂණ සහකාර -	SLICTS	3-III/3-II/3-I	MT 1	2	0	2
	Total of Secondary level				2719	2206	619
76	Driver - රියදුරු	DS	III/II/I/Sp	PL 3	300	252	48
77	Operator - ක්‍රියාකරු	Dept.	III/II/I/Sp	PL 2	125	60	65
78	Tractor Operator - ට්‍රැක්ටර් ක්‍රියාකරු	Dept.	III/II/I/Sp	PL 2	100	86	14
79	Electrician - විදුලි කාර්මික	Dept.	III/II/I/Sp	PL 2	18	7	11
80	Mechanic - කාර්මික ශිල්පී	Dept.	III/II/I/Sp	PL 2	83	47	36
81	Welder - පැස්සුම්කරු	Dept.	III/II/I/Sp	PL 2	20	15	5
82	Tinker - බෙලෙක් වැඩකරු	Dept.	III/II/I/Sp	PL 2	20	1	19
83	Painter - පින්තාරුකරු	Dept.	III/II/I/Sp	PL 2	13	4	9
84	Lathemen - ලියවන පට්ටල්කරු	Dept.	III/II/I/Sp	PL 2	6	3	3
85	Fitter - සවිකරන්නා	Dept.	III/II/I/Sp	PL 2	7	0	7
86	Machinist - යන්ත්‍රකරු	Dept.	III/II/I/Sp	PL 2	8	2	6
87	Blacksmith - කම්මල්කරු	Dept.	III/II/I/Sp	PL 2	7	2	5

S. No	Designation	Service	Grade	Salary Code	Approved Cadre	Exsting Cadre	Number of Vacancies
88	Maintenance & Operating Labourer - නඩත්තු හා මෙහෙයුම් කම්කරු	Dept.	III/II/I/Sp	PL 2	480	375	105
89	Pump Operator - ජල පොම්ප ක්‍රියාකරු	Dept.	III/II/I/Sp	PL 2	26	9	17
90	Air Condition Repairer - වායු සමීකරණ අලුත්වැඩියාකරු	Dept.	III/II/I/Sp	PL 2	1	1	0
91	Meson - පෙදරේරු	Dept.	III/II/I/Sp	PL 2	18	8	10
92	Carpenter - වඩු කාර්මික	Dept.	III/II/I/Sp	PL 2	18	12	6
93	Plumber - ජල නල කාර්මික	Dept.	III/II/I/Sp	PL 2	1	0	1
94	Instrument Artificer - උපකරණ ශිල්පී	Dept.	III/II/I/Sp	PL 2	2	1	1
95	Instrument Repairer - උපකරණ අලුත්වැඩියාකරු	Dept.	III/II/I/Sp	PL 2	4	0	4
96	Hydrological Survey Labourer - ජලවිද්‍යා මිනුම් සහායක	Dept.	III/II/I/Sp	PL 2	110	69	41
97	Circuit Bungalow Keeper - සංචාරක බංගලා භාරකරු	Dept.	III/II/I/Sp	PL 2	23	15	8
98	Store Aide - ගබඩා සහායක - (ගබඩාකරු තනතුරු 06 ඇතුළත්ව)	Dept.	III/II/I/Sp	PL 2	96	46	50
99	Fitter - වැද්දුම්කරු	Dept.	III/II/I/Sp	PL 2	7	3	4
100	Laboratory Attendant - පර්යේෂණාගාර සහායක	Dept.	III/II/I/Sp	PL 1	67	30	37
101	Plan Printer/ Helper - සැලසුම් මුද්‍රණකරු / උදව්කරු	Dept.	III/II/I/Sp	PL 1	20	12	8
102	Greaser - ග්‍රීසර්	Dept.	III/II/I/Sp	PL 1	50	15	35
103	Cleaner/ Helper - ලොරි සහායක/ උදව්කරු	Dept.	III/II/I/Sp	PL 1	30	25	5

S. No	Designation	Service	Grade	Salary Code	Approved Cadre	Exsting Cadre	Number of Vacancies
104	Laboratory Labourer - රසායනාගාර කම්කරු	Dept.	III/II/I/Sp	PL 1	40	22	18
105	KKS - කාර්යාල කාර්ය සහායක	OES	III/II/I/Sp	PL 1	197	182	15
106	Field Watcher - ක්ෂේත්‍ර මුරකරු	Dept.	III/II/I/Sp	PL 1	96	51	45
107	Irrigator - ජල පාලක	Dept.	III/II/I/Sp	PL 1	3	3	0
108	Labourer - කම්කරු	Dept.	III/II/I/Sp	PL 1	59	59	0
109	Labourer - 25/2014 අනුව කම්කරු	Dept.	III/II/I/Sp	PL 1	1025	1025	0
110	Field Assistant - වැඩබිම් සහායක	Dept.	III/II/I/Sp	PL 1	40	0	40
111	Irrigation Attendant - වාරිමාර්ග කාර්ය සහායක	Dept.	III/II/I	PL 1	390	344	46
	Total of Primary Level				3510	2786	724
	Total				6819	5325	1600

