

ANNUAL REPORT

2014-15



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NORTH EASTERN REGIONAL INSTITUTE OF WATER AND LAND MANAGEMENT

An Institute under the Ministry of Water Resources, River Development & Ganga Rejuvenation,
Govt. of India.

(Registered under the Societies Registration Act, 1860)
DOLABARI, TEZPUR - 784027, INDIA.

Website: www.neriwalm.gov.in

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Dolabari, P.O. Kaliabhomora, Tezpur- 784 027, Assam (India)

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Annual Report, 2014-15 of North Eastern Regional Institute of Water and Land Management (NERIWALM), Tezpur, an Institute under the Ministry of Water Resources, River Development & Ganga Rejuvenation, Govt. of India, (Registered under Society Registration Act, XXI of 1860. Regd. No.2575 of 1989-1990).

1. INTRODUCTION:

The North Eastern Regional Institute of Water and Land Management (NERIWALM) was established on 23rd December 1989 as a registered society under the aegis of North Eastern Council, Ministry of Home Affairs (now under Ministry of Development of North Eastern Region) of Government of India. The Institute was transferred to the Ministry of Water Resources, River Development and Ganga Rejuvenation, Govt. of India after signing a tripartite agreement (Memorandum of Understanding) between the Ministry of Water Resources, RD & GR, Ministry of DoNER and NEC. w.e.f. 1st April, 2012. Since then the Institute is under the administrative control of the Ministry of Water Resources, RD & GR, Govt. of India.

The Institute works are basically towards capacity building of professionals/officers working in the departments of Irrigation, Water Resources, Agriculture & Horticulture, Soil and Water Conservation, Rural Development etc. of all the eight states of North Eastern Region of India namely Assam, Arunachal Pradesh, Manipur, Mizoram, Meghalaya, Nagaland, Sikkim and Tripura, members of Water Users' Associations, farmers and NGOs etc. on water and land management. To fill the gender gap, Institute also organizes programmes for women groups on various aspects of water and land resources management. The activities aim at location specific issues and problems on water and land management for agriculture and irrigation. It conducts its activities for all eight clientele states from its lone centre located at Tezpur in the northern bank of Brahmaputra, Assam. The institute made commendable progress in imparting capacity building/training programmes in various aspects of water and land resources management for increasing water use efficiency in irrigation projects, agriculture and horticultural development, soil and water conservation and sociological parameters. The institute takes active part in fulfilling the goal of National Water Mission in relation to empowering the people for efficient water use and participatory irrigation management by conducting various dissemination programmes and R&D activities etc. The institute takes utmost care to address the state specific condition of soil, water, crop, flood, erosion, climate and environment, legal and sociological aspects while formulating technical activities. Through the passage of time the institute has gained confidence from clientele states and MoWR, RD & GR which is shown by our increasing technical activities despite its decreasing staff. Technical activities include conducting trainings, seminars, workshops, conferences, field research projects, R&D etc. keeping in mind the needs, challenges and concerns in water and land sectors of NE region of India.



2. OBJECTIVES OF NERIWALM:

The institute's objectives are given below:

- (a) With a view to promoting advancement of science and acquisition of scientific knowledge to provide instruction/and training in all branches of science, both theoretical and applied, and in Water and Land Management for Irrigation and Agriculture.
- (b) To establish an institute for imparting instructions and training to farmers, members of Water Users Associations and conducting research in Water and Land Management for Irrigation and Agriculture.
- (c) To prescribe courses in Water and Land Management for Irrigation and Agriculture and hold examinations and grant certificates, diplomas etc.
- (d) To seek affiliation of the said Institute with Universities and other appropriate academic bodies both in India and abroad and to obtain recognition of the said courses conducted at the said Institute and for the said examinations conducted by the Institute and diplomas certificates etc.
- (e) To provide consultancy service to the Government, Local Bodies and other organizations in Water and Land Management for Irrigation and Agriculture.
- (f) To undertake research and conduct experiments in various aspects of Water and Land Management and to collaborate with other organizations for Research and Development.
- (g) To send within the country and abroad for specialized training in Water and Land Management for Irrigation and Agriculture, persons include members of staff of the said Institute and bear pay and the costs of such training.
- (h) To organize, outreach activities like training and capacity building of farmers or members and functionaries of Water Users' Associations (WUAs) with a view to enhancing their technological and managerial capabilities and ensuring their active and effective participation in the development and management of water distribution network in their jurisdiction.
- (i) To set up field centres at key locations to facilitate better coordination with the North Eastern States of India and to support the outreach activities relating to land and water management.
- (j) To network with Non-Governmental Organizations (NGOs)/Private Partners (PP) with a view to carrying outreach activities effectively at the grass root level.
- (k) To start, conduct, print, publish and exhibit any magazines, periodicals, newspapers, books, pamphlets or posters that may be considered desirable for the promotion of the objectives of the Society.
- (l) To invest and deal with funds of the Society.
- (m) To make rules and bye-laws and to make and perform such things for conduct of the affairs of the Society and the Institute and from time to time add to, amend, vary to rescind them.



3. ORGANIZATIONAL MANAGEMENT:

The Institute management and functioning is under a two tier administration, i.e. "Governing Body" and "Executive Council". It is to be mentioned that nomenclature of "NERIWALM Society", the policy making body of the Institute has been changed to "Governing Body" (GB) in the first meeting of Executive Council. The Governing Body is to be presided over by Hon'ble Minister, MoWR, RD & GR, Govt. of India. The constitution of the Governing Body is given at **Annexure -1**. The Executive Council (EC) which was earlier known as Governing Body is chaired by the Secretary, MoWR, RD & GR, Govt. of India. The Executive Council looks after administration, finances and technical activities and ensures quick development and progress of the Institute. Constitution of the Executive Council is given at **Annexure-2**. The Director, NERIWALM is the Member-Secretary for both Governing Body and Executive Council.

4. BROAD AREAS OF TECHNICAL SERVICES:

Following are the broad areas of technical services provided by NERIWALM:

- ❖ Training to in-service personnel
- ❖ Training to farmers and members of Water Users Associations
- ❖ Training to NGOs
- ❖ Organising seminar, workshop, conferences etc. on land and water resources management
- ❖ Conducting R&D works

5. MAJOR THRUST AREAS:

The on-going activities of the institute are taken up with a multi-disciplinary approach in the following thrust areas:

- ❖ Irrigation water management
- ❖ Integrated water resource management
- ❖ Participatory irrigation management
- ❖ Soil and water conservation and watershed management
- ❖ Command area development and water management
- ❖ Multiple cropping and crop diversification
- ❖ Women participation in irrigation and agricultural activities

6. INFRASTRUCTURAL FACILITIES:

The Institute has full-fledged infrastructure facilities to conduct its various technical activities. The infrastructures are developed in its own land of 08 hectare situated in Dolabari near Tezpur town in the



northern bank of the mighty river Brahmaputra in Assam. Brief description is given about its different infrastructural facilities:

6.1 Administrative building

NERIWALM has a three storied Administrative building encompassing Administrative and Accounts section, two Faculty blocks and Reprography centre. In addition to these, following facilities are also created inside the administrative building:

6.1.1 Conference Room: The conference room has capacity of 25 seats and is fitted with LCD TVs in all sides for making presentation (Figure:1). The room is also fitted with PA system and air-conditioned. It gives a platform to organize important meetings, conferences of the Institute. It is also used on hired basis by other organizations from time to time.



Figure 1: Conference Hall of NERIWALM

6.1.2 Class Rooms: For imparting in-campus training and other capacity building programme, two well-equipped class rooms in the administrative building are available (Figure:2). Both the class rooms have air conditioned facility with LCD projectors.



Figure 2: View of a Class Room

6.1.3 Computer Laboratory: The computer laboratory is equipped with necessary peripherals like desktop computers, printers etc. for carrying out text processing, printing and preparation of reports documentation



and printing of different technical activities including day to day works of the Institute (Figure:3). Different softwares for scientific and technical activities are also available which are used for practical in some of the training programme of the Institute. It has also internet facilities provided by the NIC, Govt. of India under National Knowledge Network (NKN) programme.



Figure 3: Computer Laboratory

6.1.4 Library: Having more than 4171 books, 38 journals, the library of the Institute is providing necessary support to the faculty members and scientific staff in getting updated scientific knowledge and information in preparing their training materials, reports etc. (Figure:4). Considered to be the knowledge centre of the Institute, It has books and journals covering agricultural science, irrigation, computer science, hydrology, remote sensing & GIS, social science, watershed management, soil conservation etc.

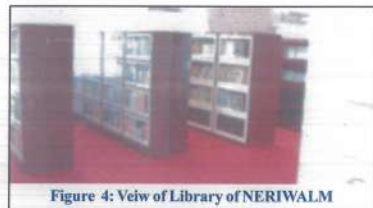


Figure 4: View of Library of NERIWALM

6.2 Trainees Hostel: To serve the trainees and guests the Institute has a training hostel of capacity of 20 double bedded rooms, 3 VIP rooms and 3 deluxe rooms. It has also a meeting hall, a VIP lounge, VIP dining room and a large dining hall for trainees. Institute also earns revenue by letting the trainee's hostel facilities officials of state and central governments and visitors on payment basis (Figure:5).



Figure 5: View of Trainees Hostel of NERIWALM



6.3 Guest House: The Institute also has an Assam Type guest house (Figure:6). It has one suite, two 2 bedded rooms and one 3 bedded rooms having TVs and Air-conditioning facilities. The guest house has been utilized by dignitaries and VIPs visiting the Institute from time to time which includes Sushri Uma Bharati, Hon'ble Minister, MoWR, RD & GR, Govt. of India.



Figure 6 : Guest House of NERIWALM

6.4 Soil & Water Testing Laboratory: Soil and Water Testing Laboratory caters to the need of analysis of soil and water samples related to different R&D activities being undertaken by the Institute. It also offers services for analyzing samples of different organizations and farmers' fields. Different parameters of soil and water can be analyzed for the purpose of agriculture, tea gardens and drinking water (Figure: 7).



Figure 7 : Soil & Water Testing Laboratory

6.5 Research Farm: Spreading over an area of 1.2 ha with 09 experimental blocks within the NERIWALM campus the research farm has been used for demonstration of few horticultural crops of NE region and for crop experiments in connection with training courses. The farm has irrigation facilities using ground water through two Shallow Tube wells (STWs) with net work of lined channels fitted with water measuring devices (Figure:8).



Figure 8 : Research farm of NERIWALM



6.6 Irrigation Laboratory: The laboratory is instrumental in supporting the field activities related to survey, water measurement etc. for evaluation of irrigation and watershed projects etc. and also use in different training programmes.

6.7 Agro-Meteorological Station : The Agro-met station was established in the campus of the Institute in 1999 with objectives like creation of agro-met data base for planning agriculture and irrigation activities by NERIWALM scientists which are also used by engineers, scientific institutions and government departments/organizations and academic institutions. Estimation of rainfall pattern and intensity are also done. At present data are collected for maximum - minimum temperature, rainfall, humidity, average wind speed, evaporation, soil temperature and sunshine hour (Figure: 9).

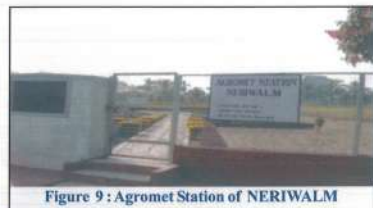


Figure 9 : Agromet Station of NERIWALM

7. VISIT OF UMA BHARATI, HON'BLE MINISTER, MoWR, RD & GR

Sushri Uma Bharati, Hon'ble Minister, MoWR, RD & GR, Govt. of India visited NERIWALM on 6th



Figure 10: Sushri Uma Bharati , Hon'ble Minister, MoWR, RD & GR, Govt. of India interacting with Er. R.K. Sinha, Director, NERIWALM.

February, 2015. Hon'ble minister who is also the President, Governing Body (GB) of NERIWALM visited the infrastructural facilities of the Institute. She had also interacted with the officers & staff on different



activities being taken up and services rendered by the Institute for betterment of farming community of the NE region. Sri R.K. Sinha, Chief Engineer, B&BBO, Central Water Commission and Director, NERIWALM informed about the progress made by the Institute and briefed future plans and programme of the Institute



Figure 11: Sushri Uma Bharati, Hon'ble Minister, MoWR, RD & GR, Govt. of India with officers & staff of NERIWALM.

(Figures 10 & 11).

8 ACHIEVEMENT OF TECHNICAL ACTIVITIES DURING 2014-15:

8.1 TRAINING PROGRAMME:

The Institute imparts training to in-service personnel, farmers and functionaries of Water Users Associations to enhance their technological and managerial capabilities thereby ensuring their active and effective participation in the development programmes and management of water and land resources. The Institute conducted 62 trainings including workshop/conference/seminar during 2014-15 as given in Annexure-3 out of which 29 are in-campus and 33 off-campus programmes. Being a water and land management Institute, its different programmes covers a wide range of subjects like water use efficiency in irrigation, irrigation water management, participatory irrigation management, benchmarking of irrigation project, formulation of detail project report, command area development, efficiency of water delivery, micro irrigation, integrated water resource management, soil and water conservation, system of rice intensification, organic farming, crop planning in irrigated agriculture, multiple cropping, strengthening of water users association, empowerment of WUAs in implementing central sector schemes, women participation in agriculture and irrigation management, water quality management and entrepreneurship development for unemployed youths etc. The subjects of the trainings are decided by getting requirements, comments, views and suggestions from the clientele depart-



ments of NE region.

The trainings covered different sections of participants as per the requirement of the concerned state and objectives of the Institute. Out of 62 programmes 33 were conducted for officers of state departments like Irrigation/CADA/ Water Resources, Agriculture, Horticulture, Soil Conservation etc. and 23 programme for farmers and members of Water User's Associations (WUAs), 02 for NGOs/SHGs and 04 for students and unemployed youths. Out of 2357 total participants, 43% and 52% belonged to officers and farmers/members of WUAs respectively (Table 01 and Figure 12). List of programme conducted is given of Annexure-3

Table 01: Training organized for different target groups during 2014-15

Target group	Number of programmes	Total participants
Officers	33	1011 (43%)
Farmers and WUA	23	1239 (52%)
NGOs/SHGs	02	23 (1%)
Students & Unemployed youth	04	84 (4%)
Total	62	2357 (100%)

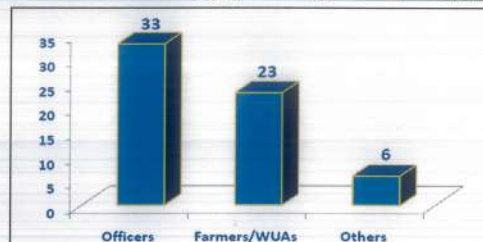


Figure 12: Number of programme conducted during 2014-15 for different target groups.

8.1.1. Sponsored training programme

During 2014-15, Institute organised trainings sponsored by State Government for deliberating the exact requirement of the sponsored organisation. Out of the 62 programmes conducted during 2014-15, Institute received sponsorship for 13 training programmes from the Meghalaya Water Resources Development Agency (MeWDA), Govt. of Meghalaya. Out of 13 trainings, 7 programmes were organized for



officers nominated by MeWDA and 6 for members of Water Users Associations. The trainings organised for officers on the following subjects:

- Formulation of detail project irrigation report
- Efficiency of water delivery system
- Benchmarking of irrigation project
- Command area development
- Micro irrigation
- Remote Sensing and GIS I water and land Management
- Strengthening of Water Users Association
- Water Quality management

The trainings organised for the members of WUAs on the following subjects:

- Participatory irrigation management
- Empowering of WUAs in implementing central sector schemes

8.2 WORKSHOP, CONFERENCE AND SEMINAR

8.2.1 Workshop on Water Conservation

A workshop on "Water Conservation" was organized with the objective of mainstreaming water conservation in government programmes and emphasizing on peoples participation. It was held on 25th September, 2014 at NEDFI Convention centre, Guwahati. Various aspects on the subject have been highlighted by Sri G.N.Sharma, UNDP expert on Irrigation and Soil Engineering, MGNREGA Division, Govt. of India and Sri A.B.S.Swer, Chief Executive Officer, Meghalaya Water Foundation as resource persons besides Prof. S.C.Patra and Er.R.K.Sinha, Chief Engineer, B&BBO, CWC and Director, NERIWALM in the day long deliberations.

The deliberations in the workshop have led to an overview of the scope and approach for water conservation in the North Eastern region by utilizing the latest revisions in the guidelines. Er.R.K.Sinha in his concluding remarks emphasized that something small also should be put forward for water conservation and not pushing for big dams because of obvious difficulties keeping in mind that "small things may bring always success".



Figure 13: View of the participants of the workshop.

Officers of the departments of Soil & Water Conservation, Govt. of Nagaland, Water Resources and Rural Development of Meghalaya, officers of DRDA, Govt. of Assam and representatives of few NGOs of Assam and Meghalaya participated in the workshop. It is recommended to revive traditional water bodies like springs, ponds etc., and convergence of irrigation programmes with rural development schemes like MGNREGA to overcome financial and technical gaps in implementing the programmes in sustainable manner (Figure: 13).

8.2.2 Workshop on Integrated Water Resources Management

The workshop was organised with a view to deliberate on managing water resources in an integrated manner by addressing economic efficiency, environmental sustainability and social equity including poverty reduction in the NE region. The concept of Integrated Water Resources Management which was emerged way back in 1980's in a response to increasing pressure on water resources from competition amongst various users. The central goal of IWRM at the river basin is to achieve water security for all purposes, as well as manage risks while responding to and mitigating disasters. The workshop was organised during 6-7 August 2014, at Guwahati which was chaired by Sri Peppersania, Additional Secretary, Govt. of Assam. Taking part in the deliberation, Er.R.K.Sinha, Chief Engineer, B&BBO, CWC and Director, NERIWALM highlighted the increasing pressure on the water resources, declining water availability due to climate change, growing population and rising needs of fast developing nation. The guidelines Integrated Water Resources Management (2010) framed by the Central Water Commission was discussed and stressed upon to take up activities based on the guidelines. It recommended for adoption of integrated approach for construction of



infrastructure fulfilling the demands of multiple sectors ensuring water for irrigation and functioning of ecosystem as well as preventing devastative impacts of floods.

8.2.3 Regional Seminar on Rainwater Harvesting

The age old concept of rainwater harvesting needs to be popularized for meeting the water requirement during lean period or as adaptation strategy for addressing drought situation in view of climatic variability. The NERIWALM, being a regional institute, has embarked upon reviving the golden tradition with scientific attribute for capacity building in Rainwater harvesting throughout the region. With this objective a regional seminar on Rainwater Harvesting was organised by NERIWALM during 16-17 December, 2014 at Tezpur on the following themes:

- Rainwater Harvesting to meet Agricultural needs
- Rainwater Harvesting for Ground Water Recharge
- Rainwater Harvesting for Pisciculture
- Legal, Institutional and Social aspects

The seminar was inaugurated by Dr. Joysankar Hazarika, Principal, Darrang College, Tezpur, Assam which was attended by 47 participants from the states of Arunachal Pradesh, Assam, Meghalaya, Manipur, Nagaland and Tripura (Figure 14).



Figure 14: View of the participants of the Regional Seminar

Papers here presented by scientists and experts of ICAR complex for NE Hill region, Barapani, Tezpur University, Assam Agriculture University (AAU), Krishi Vigyan Kendras of Nalbari and Sonitpur districts, Assam, National Institute of Rural Development (NIRD)-NERC, Guwahati, Fishery college of AAU, Raha, Fishery college of Central Agriculture University (CAU), Tripura, Department of Soil & water Conservation, Nagaland on different themes of the seminar. Important recommendations of the seminar are:



- Rainwater should be harvested in-situ or ex-situ situation. Renovation and rejuvenation of ponds or springs may be planned in the NE region. To retain more water in the upland area proper lining of harvesting structures may be made. Geo-synthetic materials like polyethylene sheet may be used for lining of tanks for reduction of seepage.
- Awareness creation and capacity building for activists working in rural areas is necessary.
- Efficient use of harvesting water through micro-irrigation (drip/ sprinkler) needs to be popularized with convergence with other department.
- In hilly terrain, construction of recharge trench, micro rainwater harvesting structure etc. needs to be popularized for crop-diversification/intensification.

8.2.4 Conference on National Water Mission-Strategy for Implementation

Considering the importance of National Water Mission (NWM) the institute organised a conference on National Water Mission-Strategy for Implementation in collaboration with Soil and Water Conservation Department, Govt. of Nagaland on 4th March, 2015 at Kohima. Sri Nuklutoshi, Hon'ble Minister, Soil and Water Conservation, Govt. of Nagaland graced the conference as Chief Guest (Figure: 15). He

stressed upon importance of finalization of strategies and formulation of action plan for better utilization of available water resources of Nagaland keeping in mind adaptation and mitigation of climate change. Presentation on schemes and actions plans were made by representatives of participating departments of Irrigation and Flood Control, Agriculture, PHED, Forest, Remote Sensing Cell, Centre for Excellence for Renewable Studies (CERES) etc.



Figure 15: Sri Nuklutoshi, Hon'ble Minister, Soil and Water Conservation, Govt. of Nagaland addressing the conference.

8.3 RESEARCH & DEVELOPMENT ACTIVITIES

The institute also undertakes R&D activities from departments /organizations of Central and State Governments, Local Bodies and other organizations in various aspects of water and management for irrigation and agriculture. Since its inception many researches and projects have been conducted by the Institute



offered by Central Water Commission, MoWR, RD & GR, Department of Science and Technology, Ministry of Agriculture, Indian Council of Agricultural Research (ICAR), Assam Rural Infrastructure and Agricultural Society (ARIAS) of Department of Agriculture, Govt. of Assam etc. A brief report of the completed and ongoing during the year 2014-15 is presented below:

8.3.1 Water Use Efficiency Study of Irrigation Projects

Water Use efficiency Studies for 5 (five) irrigation projects namely (Singda Dam), Kaldia and Dekadong in Assam and Imphal Barrage, Sekmai Barrage and Singda Dam in Manipur is completed. Finding the conveyance efficiency for all these five projects and dam efficiency of one project determined the advance knowledge in the technical field of NERIWALM. The study was funded by Central Water Commission (CWC), MoWR, RD & GR, Govt. of India. It was conducted as per guidelines issued by the Central Water Commission. The objectives were to study efficiency of the following parameters:

- Dam/Reservoir efficiency (inflow and release pattern)
- Canal/conveyance efficiency
- On farm application efficiency
- Drainage efficiency
- Irrigation potential created and utilized

It was observed that many parts of these irrigation projects require attention for renovation to bring back to operational condition. The average conveyance efficiency was found to be 56% and on-farm application efficiency was 38% in both the irrigation projects of Assam. The conveyance efficiency was found to be in the range of 61% to 66% and on-farm application efficiency in the range of 36% to 47% in the three irrigation projects of Manipur. During the study it was found that many parts of the irrigation systems are already in the verge of deterioration, unless measures are not taken, systems are likely to further reduction of irrigation efficiencies. Renovation of the irrigation structures along with improvement of management practices may lead to substantial improvement in the efficiencies.

8.3.2 Development of North Eastern Spatial Data Infrastructure

The project on Development of North Eastern Spatial Data Infrastructure (NESDI) was funded by the Department of Science and Technology, Govt. of India. It was commenced in August 2010 and continued till March, 2015. Salient achievements of the project are as follows:

- With consensus among the NER states, the Planning Department has been identified as nodal



department in Assam, Meghalaya, Mizoram and Department of Science and Technology in Manipur and Sikkim.

- One or two geo-spatial data generating agencies in each state have been identified.
- NESDI Portal was developed for on line Meta-Data entry, Meta-Data Search and uploaded Meta Data files.
- Using open source software like Geo-Server, POST, GIS, geo-spatial data management facilities was developed and demonstrated with few data sets.
- Workshops and capacity building activities were undertaken in different north eastern states. Secretary level meetings were also held for evolving data sharing policy in Assam.

The final report was prepared after the Expert Committee reviewed the achievements in the project and submitted to the DST, Govt. of India.

8.3.3 Submission of new R & D proposals

8.3.3.i. Baseline study of Irrigation projects of NE region

The institute has submitted new R&D projects to the CWC, MoWR, RD & GR, Govt. of India for baseline study of following five irrigation projects of NE region:

- Pohumara Medium Irrigation project in Assam
- Kaliabor Lift irrigation project in Assam
- Rupahi Medium irrigation project in Assam
- Sukla Medium irrigation project in Assam
- Loktak Major irrigation project in Manipur

The Outcome of these studies will provide necessary actions to be taken to improve water use efficiency of the irrigation projects in addition to providing to some extent necessary baseline information.

8.3.3.ii. Concurrent evaluation of minor irrigation projects of Assam

Few irrigation projects have been constructed with financial assistance from Accelerated Irrigation Benefit Program (AIBP) under MoWR, RD & GR, Govt. of India. NERIWALM was requested by the department of Irrigation, Govt. of Assam to undertake concurrent evaluation studies of few such irrigation projects. Proposals for concurrent evaluation of five minor irrigation projects in Assam have been submitted to the Irrigation Department, Govt. of Assam. The study envisages to assess the present status of irrigation potential created and utilized, command area development, cropping pattern and participatory irrigation management etc.



9. PUBLICATIONS

To highlight the institute's endeavours, activities and achievements, NERIWALM publishes regularly its Annual report in each year. Institute also brings out the reports on its R&D studies and action research studies after their acceptance by the concerned sponsors. Lecture notes compendium for each of the training programmes are being prepared for distribution among the trainees. Institute regularly brings out printed copies of the proceedings of seminar, workshop, conferences etc.. These proceedings are considered as valuable reference materials on various aspects pertaining to development of NE region.

10. ACCOUNTS

Institute has been making expenditure for salary, routine works and technical activities from the spillover/accumulated funds received as grant-in-aid from the North Eastern Council (NEC, Ministry of DoNER, Govt. of India) at the time of its transfer to MoWR, RD & GR. Budgetary requirement has been sent to the MoWR, RD & GR for obtaining concurrence to make expenditure mostly under recurring head except few under capital head on urgent and unavoidable matters. During 2014-15, an amount of **Rs. 376.22 lakhs** (Rupees three hundred seventy six lakhs twenty two thousand) only under recurring head and **Rs. 3.16 lakhs** (Rupees three lakhs sixteen thousand) only under capital head have been utilized. The Annual accounts of 2014-15 have also been audited by a Chartered Accountant appointed for the purpose. The Balance Sheets and relevant pages of the audited accounts of 2014-15 are enclosed as **Annexure -4** (total 04 pages).

11. STAFF

Out of total 71 sanctioned posts of different cadres, only 49 posts are in position and 22 posts of different categories including the post of Director is lying vacant since March, 2013. The Chief Engineer, B&BO, CWC, Shillong, MoWR, RD & GR, Govt. of India has been given additional charge of Director, NERIWALM since 07.03.2013. Out of 49 posts, 02 staff belong to Schedule Tribes, 08 (including 01 Physically Handicapped) to Schedule Caste, 09 to Other Backward Class and 30 under General Category. The list of NERIWALM staff is given at **Annexure -5**.



Annexure-I

CONSTITUTION OF GOVERNING BODY OF NERIWALM

Sl. No.	Designation & Addresses of Office held by the Members	Status
1	Hon'ble Minister, MoWR, RD & GR, Govt. of India, New Delhi	President
2	Minister of State, MoWR, RD & GR, Govt. of India, New Delhi	Vice-President
3	Member (WR), NITI AYOJ, Govt. of India	Member
4	Minister in-charge CAD, Govt. of Arunachal Pradesh	Member
5	Minister in-charge CAD, Govt. of Assam	Member
6	Minister in-charge CAD, Govt. of Manipur	Member
7	Minister in-charge CAD, Govt. of Meghalaya	Member
8	Minister in-charge CAD, Govt. of Mizoram	Member
9	Minister in-charge CAD, Govt. of Nagaland	Member
10	Minister in-charge CAD, Govt. of Sikkim	Member
11	Minister in-charge CAD, Govt. of Tripura	Member
12	Secretary, MoWR, RD & GR, Govt. of India, New Delhi	
13	Secretary, Ministry of Agriculture, Govt. of India, New Delhi	Member
14	Secretary, Science and Technology, Govt. of India	Member
15	Secretary, Ministry of DoNER, Vigyan Bhawan Annexe, Govt. of India, New Delhi	Member
16	Secretary, Ministry of Rural Development, Govt. of India, New Delhi	Member
17	Secretary, (Department of Expenditures), Ministry of Finance, Govt. of India	Member
18	Secretary, Agriculture/Agriculture Production Commissioner, Arunachal Pradesh	Member
19	Secretary, Agriculture/Agriculture Production Commissioner, Assam	Member
20	Secretary, Agriculture/Agriculture Production Commissioner, Manipur	Member
21	Secretary of Agriculture/Agriculture Production Commissioner, Meghalaya	Member
22	Secretary of Agriculture/Agriculture Production Commissioner, Mizoram	Member
23	Secretary of Agriculture/Agriculture Production Commissioner, Nagaland	Member
24	Secretary of Agriculture/Agriculture Production Commissioner, Sikkim	Member
25	Secretary of Agriculture/Agriculture Production Commissioner, Tripura	Member
26	Secretary, in-charge CAD, Govt. of Arunachal Pradesh	Member
27	Secretary in-charge CAD, Govt. of Assam	Member
28	Secretary in-charge CAD, Govt. of Manipur	Member
29	Secretary in-charge CAD, Govt. of Meghalaya	Member
30	Secretary in-charge CAD, Govt. of Mizoram	Member
31	Secretary in-charge CAD, Govt. of Nagaland	Member
32	Secretary in-charge CAD, Govt. of Sikkim	Member
33	Secretary in-charge CAD, Govt. of Tripura	
34	Additional Secretary, MoWR, RD & GR, Govt. of India, New Delhi	
35	Mission Director, National Water Mission, MoWR, RD & GR, Govt. of India	Member
36	Secretary, NEC, Govt. of India, Shillong	Member
37	Commissioner, dealing with CADWM, MoWR, RD & GR, Govt. of India	Member
38	Commissioner, (B&B), MoWR, RD & GR, Govt. of India, New Delhi	Member
39	Joint Secretary & FA, MoWR, RD & GR, Govt. of India	Member
40	Vice - Chancellor, AAU, Jorhat, Assam	Member
41	Chairman, Central Ground Water Board	Member
42	Member, River Management, CWC, Govt. of India, New Delhi	Member
43	Chairman Brahmaputra Board, Govt. of India, Guwahati	Member



44	Chief Engineer, B&BBO, CWC, Govt. of India, Shillong	Member
45	Director, ICAR, Research Complex Barapani, Govt. of India, Shillong	Member
46	Secretary General, ICID	Member
47	Director, Academic, RIST, Meghalaya	Member
48	Representatives of a Local level NGO to be nominated by Governing Body for three years	Member
49	Representatives of a National level NGO working in NE states to be nominated by Governing Body for three years	Member
50	Director, NERI WALM, Tezpur	Member-Secretary



CONSTITUTION OF "EXECUTIVE COUNCIL" OF NERI WALM

Sl. No.	Designation & Addresses of Office held by the Members	Status
1	Secretary, MoWR RD & GR, Govt. of India, New Delhi	Chairperson
2	Additional Secretary, MoWR RD & GR, Govt. of India, New Delhi	Vice-chairperson
3	Mission Director, National Water Mission, MoWR RD & GR, Govt. of India, New Delhi	Member
4	Secretary, NEC, Govt. of India, Shillong	Member
5	Chairman, Central Ground Water Board, Govt. of India,	Member
6	Commissioner dealing with CAD programmes, MoWR RD & GR, Govt. of India,	Member
7	Joint Secretary & FA, MoWR RD & GR, Govt. of India,	Member
8	Representative of NITI AYOJ not below the rank of Joint Secretary, Planning Commission, Yajona Bhawan, Govt. of India, New Delhi	Member
9	Secretary in-charge of CAD, Govt. of Arunachal Pradesh	Member
10	Secretary in-charge of CAD, Govt. of Assam	Member
11	Secretary in-charge of CAD, Govt. of Manipur	Member
12	Secretary in-charge of CAD, Govt. of Meghalaya	Member
13	Secretary in-charge of CAD, Govt. of Mizoram	Member
14	Secretary in-charge of CAD, Govt. of Nagaland	Member
15	Secretary in-charge of CAD, Govt. of Sikkim	Member
16	Secretary in-charge of CAD, Govt. of Tripura	Member
17	Chairman, Brahmaputra Board, Govt. of India, Guwahati	Member
18	Chief Engineer, B&BBO, CWC, MoWR RD & GR, Govt. of India, Shillong	Member
19	Director, ICAR, Research Complex, Barapani, Govt. of India, Shillong	Member
20	Dean (Agriculture), Assam Agriculture University, Jorhat	Member
21	Director, NERI WALM, Tezpur	Member - Secretary

List of training, seminar, workshop, conferences conducted by NERIWALM during 2014-15					
Sl. No.	Title of programmes	Date/Duration	Target group	Type/Venue	No. of Participant
1	Awareness programmes on PIM	30. April 2014	WUAs of Minor Irrigation Projects in BTAD, Udalguri, (Assam)	Off-campus (Udalguri, BTAD, Assam)	40
2	Interaction Programme on Farm Water Management	15, May, 2014	Officials of ATMA, Govt. of Manipur	NERIWALM, Tezpur	26
3	System of Rice Intensification	27-29 May 2014	VLEWs of Tinsukia District	Off-campus (Tinsukia, Assam)	35
4	Soil & Water Conservation	4-5 June 2014	JE & Field Functionaries of SWC/RD/Agriculture departments, Tripura	Off-campus (Agartala, Tripura)	32
5	Awareness programmes on PIM	6 June, 2014	Members of WUAs under WRD, Tripura	Off-campus (Agartala, Tripura)	42
6	Awareness programmes on PIM	24 June, 2014	WUAs of Jamuna CAD project, Assam	Off-campus (Hojai, Assam)	37
7	Training for B Tech/BE (Civil) students of NE region	03 June - 02 July, 2014	B Tech/BE (Civil) students of NERIST/GIMT/CAEPH T/Nagaland University	NERIWALM, Tezpur	13
8	Conference on Integrated Water Management	25-26 June, 2014	Officials working in water related departments organizations	Off-campus Aizawl, (Mizoram)	90
9	Awareness programmes on PIM	3 July 2014	Members of WUAs under Irrigation deptt. in Sonitpur district, Assam	Off-campus Itakohla, Assam	49
10	Training on Integrated Water Resource Management	2-3 July, 2014	Officials of Irrigation, Agriculture, DRDA, PHED, Planning etc. of Nalbari district, Assam	Off-campus Nalbari, Assam	45
11	Multiple cropping system	8-10 July, 2014	Farmers of Assam/Arunachal/Manipur	NERIWALM, Tezpur	17
12	Organic farming system	16-18 July 2014	Professionals of Agricultural Deptt. of NE States	NERIWALM, Tezpur	10
13	Training on Integrated Water Resource Management	30-31 July 2014	Officials of Irrigation, Agriculture, DRDA, PHED, Planning etc. and COs of Darrang district, Assam	Off-campus Mangaldoi, Assam	26
14	Micro-irrigation (Sponsored by MeWDA, Meghalaya)	7-11 July, 2014	EE/AE/JE/officers of WRD and S&WC and agricultural officers of Govt. of Meghalaya	NERIWALM, Tezpur	24
15	Strengthening of Water User's Associations	11-12, August, 14	Field Functionaries of WRD Irrigation deptt. of NE States	NERIWALM, Tezpur	14
16	Formulation of Detail Project Report (Sponsored by MeWDA, Meghalaya)	4-8 August, 2014	EE/AE/JE of WRD and Officers of S &WC, Govt. of Meghalaya	NERIWALM, Tezpur	15

17	Workshop on Integrated Water Management	6-7 August, 2014	Officials working in water departments related	Off-campus Guwahati, (Assam)	37
18	Water Quality Management (Sponsored by MeWDA, Meghalaya)	11-13 August	EE/AE/JE of WRD and Officers of S &WC, Govt. of Meghalaya	NERIWALM, Tezpur	15
19	RS & GIS in Water and Land Management (Sponsored by MeWDA, Meghalaya)	18-22 August, 2014	EE/AE/JE of WRD and Officers of S &WC, Govt. of Meghalaya	NERIWALM, Tezpur	16
20	Efficiency of Water Delivery System (Sponsored by MeWDA, Meghalaya)	25-29 August, 2014	EE/AE/JE of WRD and Officers of S&WC, Govt. of Meghalaya	NERIWALM, Tezpur	17
21	Water Quality Management	3-5 Sept, 2014	NGOs of Assam	NERIWALM, Tezpur	09
22	Water Use Efficiency in Irrigation Projects	16-17 Sept, 2014	Professionals of WRD/Irrigation deptt. of NER	NERIWALM, Tezpur	09
23	Workshop on Water Conservation	25 Sept, 2014	Officers of departments of S&WC, DRDA, Agriculture, Horticulture of NE region	Off-campus Guwahati, Assam	14
24	Formulation of Detail Project Report	13-14 Oct, 2014	Professionals of IFCD, Govt. of Manipur	Off-campus Imphal, Manipur	27
25	Women participation in Agriculture and Irrigation management	16 October, 2014	Women farmers of Manipur	Off-campus Imphal, Manipur	35
26	Awareness programme on PIM	17 October, 2014	Farmers of Manipur	Off-campus Imphal, Manipur	35
27	CAD and Water Management	27-31 October, 14	Professionals of WRD/Irrigation deptt. of NER	NERIWALM, Tezpur	07
28	System of Rice Intensification	3-4 Nov, 2014	VLEWs of Goalpara District, Assam	Off-campus Goalpara, Assam	37
29	Entrepreneurship Development for unemployed Youths	5-6 November, 2014	Unemployed Youth of Goalpara District	Off-campus KVK, Dudhnoi, Assam	40
30	Benchmarking of Irrigation Projects	12-14 Nov, 2014	Professionals of WRD/Irrigation deptt. of NE States	NERIWALM, Tezpur	05
31	System of Rice Intensification	17-18 November 2014	Farmers of NER	NERIWALM, Tezpur	20
32	Discussion on future strategy for water and land management in NER states	18 November, 2014	Nominees of Principal Secretaries WRD/Irrigation departments of NER	NERIWALM, Tezpur	17
33	Participatory Irrigation Management for WUAs (Sponsored by MeWDA, Meghalaya)	25-26, November, 2014	Members of WUAs, Meghalaya under WRD	NERIWALM, Tezpur	10
34	Empowerment of WUAs in implementing central sector schemes (Sponsored by	27-29, November, 2014	Members of WUAs, Meghalaya under WRD	NERIWALM, Tezpur	10



35	MeWDA, Meghalaya)	2 Dec, 2014	for members of WUAs of WRD, Meghalaya	Off-campus Shillong	35
36	Awareness programme on PIM	3-5 Dec' 2014	Farmers of Meghalaya	Off-campus Shillong	40
37	Multiple cropping system	2-3 December, 2014	Members of WUAs, Meghalaya under WRD	Tezpur	12
38	Empowerment of WUAs in implementing central sector schemes (Sponsored by MeWDA, Meghalaya)	4-6, December, 2014	Members of WUAs, Meghalaya under WRD	NERIWALM, Tezpur	12
39	Participatory Irrigation Management (Sponsored by MeWDA, Meghalaya)	12 Dec, 2014	Farmers of Bongaigaon district, Assam	Off-campus Bongaigaon	43
27	Organic Farming	27-31 October, 14	Professionals of WRD/Irrigation deptt. of NER	NERIWALM, Tezpur	07
28	CAD and Water Management	3-4 Nov, 2014	VLEWs of Goalpara District, Assam	Off-campus Goalpara, Assam	37
29	System of Rice Intensification	5-6 November, 2014	Unemployed Youth of Goalpara District	Off-campus KVK, Dudhnoi, Assam	40
30	Entrepreneurship Development for unemployed Youths	12-14 Nov, 2014	Professionals of WRD/Irrigation deptt. of NE States	NERIWALM, Tezpur	05
31	Benchmarking of Irrigation Projects	17-18 November 2014	Farmers of NER	NERIWALM, Tezpur	20
32	System of Rice Intensification	18 November, 2014	Nominees of Principal Secretaries of WRD/Irrigation departments of NER	NERIWALM, Tezpur	17
33	Discussion on future strategy for water and land management in NER states	25-26, November, 2014	Members of WUAs, Meghalaya under WRD	NERIWALM, Tezpur	10
34	Participatory Irrigation Management for WUAs (Sponsored by MeWDA, Meghalaya)	27-29, November, 2014	Members of WUAs, Meghalaya under WRD	NERIWALM, Tezpur	10
35	Empowerment of WUAs in implementing central sector schemes (Sponsored by MeWDA, Meghalaya)	2 Dec, 2014	for members of WUAs of WRD, Meghalaya	Off-campus Shillong	35
36	Awareness programme on PIM	3-5 Dec' 2014	Farmers of Meghalaya	Off-campus Shillong	40
37	Multiple cropping system	2-3 December, 2014	Members of WUAs, Meghalaya under WRD	Tezpur	12
38	Empowerment of WUAs in implementing central sector schemes (Sponsored by MeWDA, Meghalaya)	4-6, December, 2014	Members of WUAs, Meghalaya under WRD	NERIWALM, Tezpur	12
39	Participatory Irrigation Management (Sponsored by MeWDA, Meghalaya)	12 Dec, 2014	Farmers of Bongaigaon district, Assam	Off-campus Bongaigaon	43
40	Organic Farming	16-17 December, 2014	Officers of departments of RD/ PHED/SWC /Agri/ WR and	NERIWALM, Tezpur	47



41	Micro-irrigation	18-19 Dec, 2014	scientists of CAU/AAU/ ICAR /KVKs of NER	Off-campus Shillong	30
42	Officers of Hort/WRE of Arunachal Pradesh	23 Dec, 2014	Members of WUAs under UA-CADA, Assam	Off-campus Itanagar	518
43	Conference on WUAs	6-7 January 2015	Professionals of Agriculture/Horticulture deptt., Manipur	Off-campus Imphal	30
44	Crop planning in irrigated agriculture	8-9 January, 2015	Professionals of IFCD, Manipur	Off-campus Imphal	20
45	Irrigation Management	12-13 January, 2015	Working Engineers of IFCD, Nagaland	Off-campus Kohima	29
46	Benchmarking of Irrigation Projects	30-31 January, 15	NGOs of Mizoram/ Tripura/ Sikkim/ Assam	NERIWALM, Tezpur	14
47	Water Quality Management	10-11 Feb, 2015	Professionals of Agri/WRD Deptts. of Arunachal Pradesh	Off-campus Pasighat	20
48	Crop planning in irrigated agriculture	10-11, Feb, 2015	Professionals of RD, PHED, WRD of Arunachal Pradesh	Off-campus Itanagar	30
49	Rain water harvesting	12 Feb, 2015	NGOs of Arunachal Pradesh	Off-campus Itanagar	30
50	Entrepreneurship Development for unemployed youths	17-18 February, 2015	Officials working in water related departments /organizations	Off-campus Shillong, (Meghalaya)	86
51	Conference on IWRM	18-21 Feb	EE/AE/JE of WRD Govt. of Meghalaya	NERIWALM, Tezpur	07
52	Benchmarking of Irrigation Projects (Sponsored by MeWDA)	17 Feb - 16 March, 2015	In-service student of B Tech (Agri. Engineering) of MIT, Aurangabad	NERIWALM, Tezpur	01
53	Industrial/practical training on Irrigation Management	26-28 Feb, 2015	EE/AE/JE of WRD Govt. of Meghalaya	NERIWALM, Tezpur	06
54	Command Area Development & Water Management (Sponsored by MeWDA)	28 February, 2015	Farmers of BTAD areas (Udalguri district)	Off-campus Tanga, Udalguri	71
55	Awareness on Water Conservation	3-4 March 2015	for members of WUAs of WRD, Meghalaya	NERIWALM, Tezpur	26
56	Awareness programme on Participatory Irrigation Management (Sponsored by MeWDA)	5-6 March 2015	Members of WUAs, Meghalaya under WRD	NERIWALM, Tezpur	26
57	Empowerment of WUAs in implementing central sector schemes (Sponsored by MeWDA)	4-5 March 2015	Officials of concerned departments/ organizations of	Off-campus Kohima	65
57	Conference on National Water Mission - strategy for implementation				

58	Conference on Water Users' Associations	13 March, 2015	Nagaland Members of WUAs under LA-CADA and other irrigation schemes	Off-campus Pathsala, Assam	64
59	System of Rice Intensification	18 March, 2015	Progressive farmers	Off-campus KVK, Napaum	35
60	Multiple cropping system	19-20 March, 2015	Farmers of Arunachal, Assam & Nagaland	Tezpur	26
61	Conference on Irrigation Act and Collection of Water Charges	20 March, 2015	Officials of WRD and progressive farmers/scheme user committees	Off-campus Agartala, Tripura	123
62	Awareness on Water Conservation	24 March, 2015	Farmers of Sonitpur, Kokrajhar, Barpeta, Nagaon, Darrang districts of Assam	Tezpur	36
Total					2357

Annexure -4

RAJ KUMAR NAHATA & CO.

Chartered Accountants

B.B. Complex, N.B. Road

Near Ananta Cinema Hall, Tezpur

Tel:- 225178 (O); 223153 (R); 9435081353 (M)

NORTH EASTERN REGIONAL INSTITUTE OF WATER AND LAND MANAGEMENT

Dolabari, Tezpur, Assam

Balance Sheet as on 31st March, 2015						
Liabilities	Amount	Amount	Assets	Amount	Amount	
	Current Yr	Previous Yr		Current Yr	Previous Yr	
Capital Fund	169,402,044	215,085,653	Fixed Assets	81,711,589	90,813,065	
(As per Details -1)			(As per Details -3)			
Outstanding Liabilities	1,050,550	1,002,212	Capital Work in Progress	16,339,707	16,339,707	
(As per Details -2)			(As per Details -4)			
			Current assets, Loans & Advances	861,038	917,092	
			(As per Details -5)			
			Contribution to Corpus Fund	15,926,244	15,926,244	
			Cash & Bank Balance			
			Cash in Hand			
			Imprest	1,000		
			UCO Bank, Pancharite Br.	54,117,847	79,411,886	
			State Bank of India, Tezpur	1,895,070	12,679,871	
	170,452,594	216,087,865		170,452,594	216,087,865	

Signed in terms of my report of even date attached.

Date - 31-05-2016

Place - Tezpur

For Raj Kumar Nahata & Co.

Chartered Accountants



Raj Kumar Nahata
Raj Kumar Nahata
(Proprietor)
M. No. 097482
FRN- 325770E



Annexure -4

RAJ KUMAR NAHATA & CO.

Chartered Accountants

B.B. Complex, N.B. Road
Near Ananta Cinema Hall, Tezpur
Tel:- 225178 (O); 225155 (R); 9435081355 (M)

NORTH EASTERN REGIONAL INSTITUTE OF WATER AND LAND MANAGEMENT
Dolabari, Tezpur, Assam

Income & Expenditure Account For the year ended 31st March, 2015

Expenditure	Amount Current Yr	Amount Previous Yr	Income	Amount Current Yr	Amount Previous Yr
To Administrative Expenses			Other Receipts		
* Salary	24,191,903	21,171,158	* Interest on SB	634,784	484,712
* Employees Provident Fund	2,588,295	2,383,093	* License Fees	168,090	151,106
* LTC	481,524	219,823	* Electric Charges	261,286	336,143
* Medical Expenses	255,131	152,555	* Miscellaneous Receipt	18,937	14,270
* Recreation Club	14,700	17,900	* Garage Charges	3,698	3,696
* Travelling Allowance	547,139	199,612	* Utility of Infrastructure	253,895	233,329
* Rent, Rates & Taxes	173,359	228,880	* Tender Fees	5,500	-
* Wages	110,880	201,300	* Deficit for the year	45,683,609	41,762,220
* Office Expenses	448,162	152,275			
* Energy Charges	1,713,792	1,582,305			
* Other Charges	10,128	-			
* Bank Charges	4,463	4,152			
* Advertisement Expenses	-	2,224			
* Educational Expenses	453,168	478,987			
* TSP Programme	-	32,900			
Repair & Maintenance					
* Vehicle	456,954	343,501			
* Infrastructure	4,760,709	4,030,191			
* Training, Seminar & Workshop	1,232,769	1,278,134			
* Library & Information	109,025	51,198			
* Research & Publication	29,985	22,555			
* Depreciation	9,417,471	10,472,833			
	47,039,597	42,995,476		47,039,597	42,995,476

Signed in terms of my report of even date attached.

Date :- 31-05-2016
Place :- Tezpur

For Raj Kumar Nahata & Co.
Chartered Accountants

Raj Kumar Nahata

Raj Kumar Nahata
(Proprietor)
M. No. 097462
FRN- 325770E



Annexure -4

RAJ KUMAR NAHATA & CO.

Chartered Accountants

B.B. Complex, N.B. Road
Near Ananta Cinema Hall, Tezpur
Tel:- 225178 (O); 225155 (R); 9435081355 (M)

NORTH EASTERN REGIONAL INSTITUTE OF WATER AND LAND MANAGEMENT
Dolabari, Tezpur, Assam

Receipts & Payment Account For the year ended 31st March, 2015

Particulars	Amount	Particulars	Amount
To Opening Balance		By Administrative Expenses	31,040,904
Cash in hand	-	(As per Details)	
Imprest	-	Repair & Maintenance	
UCO Bank	79,411,886	* Vehicle	456,954
State Bank of India	12,879,871	* Infrastructure	4,760,709
		* Training, Seminar & Workshop	1,224,539
* Other Receipts	1,355,988	* Library & Information	109,025
(As per Details)		* Research & Publication	29,985
* Recoveries (Net)	323,054	* Fixed Assets Purchased	315,994
(As per Details)		(As per Details)	
		* Advances, Deposits, Security (Net)	18,662
		(As per Details)	
		* Closing Balances	
		Imprest	1,000
		Cash in Hand	-
		UCO Bank, Panchmili Br.	54,117,947
		State Bank of India, Tezpur	1,695,070
			55,813,017
	93,770,799		93,770,799

Signed in terms of my report of even date attached.

Date :- 31-05-2016
Place :- Tezpur

For Raj Kumar Nahata & Co.
Chartered Accountants

Raj Kumar Nahata

Raj Kumar Nahata
(Proprietor)
M. No. 097462
FRN- 325770E



RAJ KUMAR NAHATA & CO.
Chartered Accountants

B.B. Complex, N.B. Road
Near Ananta Cinema Hall, Tezpur
Tel:- 225178 (O); 223153 (R); 9435081353 (M)



NORTH EASTERN REGIONAL INSTITUTE OF WATER AND LAND MANAGEMENT
Dolebari, Tezpur, Assam

Details of Fixed Assets & Depreciations -3

Sl no	Particulars				Depreciation		As on 31-3-15
		As on 1-4-14	Addition	Total	Rate	For the Year	
1	Buildings	80,674,366	-	80,674,366	10%	8,067,437	72,606,929
2	Furniture & Fittings	1,086,123	24,474	1,110,597	10%	111,060	999,537
3	Office Equipments	1,474,856	-	1,474,856	15%	221,228	1,253,628
4	Laboratory Equipments	1,722,671	-	1,722,671	15%	258,401	1,464,270
5	Tools, Training, Equipments & Other Equipments	2,071,886	291,520	2,363,406	15%	354,511	2,008,895
6	RRE Equipments	63,552	-	63,552	15%	9,533	54,019
7	Remote Sensing Equipments	246,544	-	246,544	15%	36,982	209,562
8	Computer Equipments	4,382	-	4,382	60%	2,629	1,753
10	Motor Buses & Lorries	176,449	-	176,449	15%	26,467	149,982
11	Roads & Culverts	151,493	-	151,493	10%	15,149	136,344
12	Furnishing of Administrative Building	1,282,654	-	1,282,654	10%	128,265	1,136,389
13	Furnishing of Trainees Hostel	1,878,086	-	1,878,086	10%	187,809	1,690,280
TOTAL		90,813,065	315,994	91,129,059		9,417,471	81,711,589





STAFF LIST OF NERIWALM (2014-15)
(Not as per seniority)

Sl. No.	Name	Designation
1	Er. R.K. Sinha (CE, B&BBO, CWC, Govt. of India, Shillong)	Director (Additional charge from 8.10.2013 till date)
2	Dr. S.C. Patra	Professor (WRE) (Retired on 31.03.2015)
3	Dr. Amulya Chandra Debnath	Associate Professor (WRE)
4	Dr. Bharat Chandra Nath	Associate Professor (Agri)
5	Sri Ajoy Kumar Sharma	Assistant Professor (Comp.)
6	Sri Bikramjit Dutta	Assistant Professor (WRE)
7	Dr. Uzzal Moni Hazarika	Assistant Professor
8	Dr. Arup Kumar Deka	Assistant Professor
9	Sri Saligram Sunar	Extra Assistant Director
10	Dr. (Mrs) Chandam Victoria Devi	Research Associate (S. Sc.)
11	Sri Manoranjan Nath	Research Associate (Agri)
12	Sri Ritu Thakur	Research Associate (Agri)
13	Sri Subodh Kumar Barman	Accountant
14	Sri Ramesh Prasad	Assistant Librarian
15	Sri Atul Chandra Kalita	Junior Engineer (Civil)
16	Sri Mahesh Deka	Library & Information Assistant
17	Sri Golap Krishna Khound	Field Assistant (Agri)
18	Sri Iswar Das	Technical Assistant
19	Mrs. Rupali Hazarika	Stenographer Gr-III
20	Sri Manik Borah	LDC
21	Sri Mukut Das	LDC
22	Mrs. Nirmali Hazarika	Draughtsman Gr. II
23	Sri Manik Ch. Das	Stenographer Gr-III
24	Mrs. Dipali Mohan	Stenographer Gr-III
25	Sri Hirak Saharia	Stenographer Gr-III
26	Mrs. Jaylata Deori Baruah	Stenographer Gr-III
27	Mrs. Rina Singha	Stenographer Gr-III
28	Mrs. Sanghamitra Singh	Stenographer Gr-III
29	Sri Abdul Razzak	Driver
30	Sri Rohit Kattel	Driver
31	Sri Moni Kumar Das	Driver
32	Md. Abdul Khalek	Driver
33	Sri Subhash Ch. Ghose	MTS (Retired on 31.05.2014)
34	Sri Ghana Kanata Nath	MTS
35	Md. Nurul Islam	MTS
36	Md. Ilramul Hussain	MTS
37	Md. Abdul Jalil	MTS
38	Sri Suresh Kumar	MTS
39	Sri Amarendra Kumar	MTS



40	Sri Chandan Meeh	MTS
41	Md. Abdul Kadir	MTS
42	Sri Someswar Nath	MTS
43	Sri Dilip Bhuyan	MTS
44	Sri Badan Chandra Gogoi	MTS
45	Sri Jadav Chandra Nath	MTS
46	Sri Uttam Kakoti	MTS
47	Sri Khagendra Sarma	MTS
48	Sri Bakhun Sarmah	MTS
49	Md. Abbas Ali	MTS
50	Smt. Mamoni Borgohain	MTS