DISTRICT IRRIGATION PLAN

NALBARI, ASSAM

District Irrigation Plan
For
5 YEARS
2016-2021
Nalbari, Assam

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Executive summary

In an agrarian economy like India, agriculture utilizes the major share of country's exploitable water resources. Though the sector utilizes the maximum share of exploitable water resources, availability of the same at different locations to different extent makes it vital to adopt effective utilization of water through storage, channelizing and judicial use. At some places like Punjab and Haryana, the environmental and socio-economic rationale for this capture by the sector is now being questioned. Accordingly, it is needed to challenge and change the fundamentals of the prevailing view of water resources exploitation. A new and more suitable approach to water resources allocation is necessary if the population is to be adequately fed, without further degradation and destruction of the critical ecosystem services. Water productivity needs to be enhanced considerably, and economic cost-benefit analysis and pricing regimes can play a significant role in such a process. However, these economic measures will not be sufficient on their own. They will need to be buttressed by technological innovation and institutional changes in order to encourage a more equitable distribution of resources and to mitigate potential international conflicts across 'shared' water basins.

Water has unique characteristics that determine both its allocation and use as a resource by agriculture. Agricultural use of water for irrigation is itself contingent on land resources. In a situation of growing water scarcity and rising demands for non-agricultural (household and industrial) use of water, reassessment of sectoral allocations of water are inevitable. In developing countries, irrigated agriculture plays a vital role in contributing towards domestic food security and poverty alleviation. Therefore, achievement of these objectives is dependent on adequate allocations of water to agriculture. Justification of such allocations requires that irrigated agriculture be a cost-effective means of achieving stated political or social objectives, such as food security or poverty alleviation, and that all externalities be taken into account in the pricing mechanism. Improved allocation of irrigation water is required within the agriculture sectors in order to achieve greater efficiency in the use of irrigation water and existing irrigation infrastructure. Reallocation is also required in order to reduce waterlogging and salinization of irrigated land, to decrease the negative environmental impacts and other externalities of irrigation (caused by over extraction of groundwater and depletion and pollution of surface water).

Government of India launched PradhanMantriKrishiSinchayeeYojana (PMKSY) to address the constraints in providing assured irrigation as well as increasing efficiency and productivity of current water use to bring more prosperity to the rural areas. Priorities of Government of India were reflected in the Hon'ble President's address to the joint Session of the Parliament of 16th LokSabha where he indicated that "Each drop of water is precious. Government is committed to giving high priority to water security. It will complete the long pending irrigation projects on priority and launch the 'PradhanMantriKrishiSinchayeeYojana' with the motto of 'HarKhetKoPani'. There is a need for seriously considering all options including linking of rivers, where feasible; for ensuring optimal use of our water resources to prevent the recurrence of floods and drought. By harnessing rain water through 'JalSanchay' and 'JalSinchan', we will nurture water conservation and ground water recharge. Micro irrigation will be popularized to ensure 'Per drop-More crop".

PMKSY has been approved with an indicative outlay of Rs.50,000crore over a period of five years from 2015-16 to 2019-20. The programme is an amalgamation of on-going schemes of Ministry of Water Resources, River Development and Ganga Rejuvenation, Ministry of Agriculture & Cooperation and Ministry of Rural Development.

The existing schemes AIBP, CADWM, MI, SWMA, Watershed& Convergence with MGNREGA were brought together under the umbrella program of PMKSY. Further the scheme seeks convergence with scheme like Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNRES), RashtriyaKrishiVikasYojana (RKVY), Jawaharlal Nehru National Solar Mission and Rural Electrification programmes (JLNNSM&REP), Rural Infrastructure Development Fund (RIDF), Members of Parliament Local Area Development Scheme (MPLAD), Members of Legislative Assembly Local Area Development Fund (MLALAD), Local Body Funds (LBF), Working Plan of State Forest Department (WPSFD) etc. The PMKSY will be implemented in an area development mode only by adopting a decentralized state level planning and projectised execution structure that will allow the state to draw up their own irrigation development plans based on DIPs and SIPs with a horizon of 5-7 years. The program will be supervised and coordinated utilizing the existing mechanism and structure available under RashtriyaKrishiVikasYojana (RKVY) program with state agriculture department acting as the State Nodal Agency for implementation of PMKSY. However, the implementing departments for the four components like AIBP, PMKSY (HarKhetKoPani), PMKSY (Per drop more crop) and PMKSY (watershed development) will be decided by the respective program ministry/department.

The 05 chapters along with introduction chapter, explains the profile of district, its water requirement for agriculture and allied sector, water availability, assessment of water requirement for various sectors and strategic action plan for augmentation and effective management of available water resources.

District Demography: Nalbari district which is situated at the plans of the Brahmaputra Valley is located between 26°N to 26.51°N Latitude and 91°E to 91.47°E Longitude. The district is now having an area of 1009.57 sq km consisting of 3 no.s Civil Sub-division, 7 no.s Revenue circle, 7 nos. Community Development Blocks and 65 no.s GaonPanchayats covering 471 villages.

Agriculture in Nalbari: It has been observed from records of Revenue department in the district that the Gross Cropped Area is 1,03,231hectare out of which 43386 hectare and 12846 hectare i.e. around 42% and 12.4% of the area falls in Barkhetri and Borigog Banbhag Blocks respectively. Barkhetri and Borigog Banbhag Blocks also record for the maximum net sown area of 21575 hectare and 10883 hectares i.e. around 31.1% and 15.7% of the net sown area of the district. The cropping intensity in Barkhetri block is 201.1% which is highest among other blocks in the district. For rest of the blocks, the average cropping intensity is 148%.

District Water Profile: The River Brahmaputra along with its tributaries like Pagladiya, Buradiya, Baralia etc. control the main drainage system of the district.Ground water occurs under unconfined condition in the district and being a mono aquifer system, the water level is almost directly related to the amount of precipitation received. The pre-monsoon average water level is 1.24 m bgl, which the post monsoon value is 1.61 m bgl. The long term water level trend does not show any significant change.

Demand for water and the gap: The present water demand of the district has been assessed at **693.21** MCM annually, with Barkhetri being the block with maximum water requirement (285.70 MCM). Paschim Nalbari and Borigog Banbhag blocks stand at 2nd and 3rd position with 87.03 MCM and 86.10 MCM water required in the respective blocks. During 2020, projected total water requirement of the district has been assessed at **695.83** MCM out of which maximum will be for Barkhetri block (285.44 MCM) followed by Borigog Banbhag blocks (87.37 MCM) and Paschim Nalbari (87.28 MCM)

PMKSY Financial Proposal:

Total plan of Nalbari district for four years works out to be Rs. **743** crores (Table 5.2). Maximum share in the proposal is of INR **643.24** crores (86.6%) by the irrigation department which is followed by the Agriculture Department with a budget of Rs. **53.65** crores (7.2%), while Soil Conservation has a share of 6.2% which amounts to Rs **46.10** crores.

Expected Outcome:

The gross irrigated area in the district is **18734** ha which amounts to18.14% of the gross cropped area of **103231**ha. Various departments of the district have proposed to bring additional acreage of land under irrigated cultivation system. As the water requirement of crops for the existing cropping pattern works out to be **663.01** MCM and if the gross cropped area is to be brought under irrigated area, **542.69** MCM additional water is required. Keeping in view the above, a plan to develop irrigation potential of 59565.57 ha has been proposed under Strategic Action Plan(2016-2020) of Nalbari district.

INTRODUCTION

1. Background

Preparation of decentralized area specific district planning process visualized in various plans took concrete shape through the years and initiatives like specific guidelines on methodologies and processes for preparation of district plans; framework for preparation of perspective plan, medium term and annual plans by then planning commission in 1969 and the 73rd and 74th constitutional amendments conferring constitutional status to Panchayats at district and sub district level; local self-government in urban areas; constitution of district planning committee to consolidate the plans prepared at Panchayats and municipalities and prepare a draft development plan for the whole district.

The decentralized planning process was further strengthened through emphasis by planning commission on preparation of district level plans and making it an integral part of the process of preparation of the states 11th five year plan. The Planning commission issued guidelines in August 2006 for preparation of the district plans. The guidelines define the District Planning as 'the process of preparing an integrated plan for the local government sector in a district taking into account the resources (natural, human and financial) available and covering the sectoral activities and schemes assigned to the district level and below and those implemented through local governments in a state. The document that embodies this statement of resources and their allocation for various purposes is known as the District Plan".

Government of India through a resolution in National Development Council on 29th May 2007 conceived a special Additional Central Assistance Scheme (ACAS) to address the slow growth of agriculture and allied sectors by incentivizing states to draw up plans for their agriculture sectors more comprehensively. The NDC resolution states "GoI will introduce a new Additional Central Assistance Scheme to incentivize states to draw up plans for their agriculture sector more comprehensively, taking agro-climatic conditions, natural resource issues and technology into account, and integrating livestock, poultry and fisheries, etc. This will involve a new scheme for Additional Central Assistance (ACA) to State Plans, administered by the Union Ministry of Agriculture over and above its existing Centrally Sponsored Schemes, to supplement the State-specific strategies including special schemes for beneficiaries of land reforms. The newly created National Rainfed Area Authority will, on request, assist States in planning for rainfed areas".

The NDC in its resolution advised the states to prepare a comprehensive district agriculture plans (C-DAP) that will fully utilize available resources and will include allied agriculture sectors. Further, GOI issued a manual on preparation of comprehensive district agriculture plans to help the states prepare C-DAP. As per these guidelines, the objective of district planning is 'to design an integrated and participatory action plan for the development of local area in general and agriculture and allied sectors in particular'. The objectives of Comprehensive District Agriculture Plan (C-DAP) are:

- To prepare a Comprehensive District Agriculture Plan (C-DAP) through participatory process involving various organizations and stakeholders.
- To enable optimum utilization of scarce natural, physical & financial resources.
- To assess and plan for the infrastructure required to support the agriculture development.

- To establish linkages with the required institutional support services, like credit, technology transfer, ICT, research etc.
- To evolve an action plan for achieving sustainable agricultural growth with food security and cropping system that will improve farmers' income.

The guidelines required the state/district authorities to (i) ensure that the agricultural plans are prepared for the district and then integrated into the agricultural plans of the State based on the agro-climatic conditions, availability of technology, trained manpower and natural resources; (ii) local needs / crops / feed and fodder / animal husbandry / dairying / fisheries / priorities are reflected in the plan; (iii) productivity gaps for important crops and livestock and fisheries are reduced; and (iv) the returns to the farmers from these are maximized.

The latest move in the process of strengthening of decentralized planning process was the Government of India guidelines issued in 2015 in the form of a template for the preparation of District Irrigation Plan (DIP) and State Irrigation Plan (SIP) as part of the PradhanMantriKrishiSinchayeeYojana (PMKSY) program and made the preparation of DIP and SIP mandatory for the states to receive funds from the program. The present report is a product of these long drawn efforts of Government of India to strengthen the decentralized planning process in the country focusing on the vital resource i.e., water.

Water is of vital importance for human & animal life, maintenance of ecological balance and promotion of developmental activities. Considering its vital importance and ever increasing demand for water, in the face of population growth, urbanization & industrialization and considerations of climatic change, making water, an increasingly a scarce resource, available to multiple uses, planning and management of this vital resources, utilization of water economically, optimally and equitably assumes greater importance.

According to the 12th Five year Plan the water budget estimates of India by Ministry of Water Resources suggests an availability of 1123 billion cubic meters (BCM) against a current estimated demand of 710 BCM. The Standing Committee of the Ministry of Water Resources estimates that this water demand will rise to 1093 BCM by 2025. Though the existing water availability in the immediate future seems to be adequate, with the near constant supply of water resources in the face of increasing demand on account of population growth, urbanization and industrialization will strain the water supply-demand balance.

The per capita water availability which stood at 5,177 cubic meters in 1951 was reduced to 1820 cubic meters in 2001 while the international prescribed limit is 1800 cubic meters. The projected per capita availability of water is 1341 cubic meters in 2025 and 1140 cubic meters in 2050 suggesting shortage of water in the medium term[1]. Further, the all India water balance estimates does not reflect the variations in water balance across time and space- certain areas having a positive water balance and the others facing acute shortage. The problem is further accentuated by water quality related issues.

With the abundant surface and ground water supply in the first five decades since independence, more than 80 percent of the total available water resources were allocated for irrigation purposes and the rest meeting the

[1]Ministry of Water Resources (2011), Strategic Plan for Ministry of Water Resources, Government of India, New Delhi.

domestic and industrial demands. In a recent study[2]on the demand for water from agriculture, domestic and industrial uses in 2000, 2025 and 2050 seems to suggest that domestic demand (34 BCM in 2000, 66 BCM in 2025 and 101 BCM in 2050) and industrial demand (42 BCM in 2000, 92 BCM in 2025 and 161 BCM in 2050) for water will utilize the total balance water available while agriculture demand for water will be (605 BCM in 2000, 675 BCM in 2025 and 637 BCM in 2050). This change is partly because of the changing sectoral contributions of India's GDP and also partly because of dynamics of irrigation development in the country where the initial expansion in area under irrigation is propelled by the availability of abundant water resources and availability of good quality land. This is no longer the case in many of the states where the availability of land and water are serious constraints for further expansion of irrigation. Further, as per the erstwhile planning commission up to March 2012 out of 141 million hectares of net sown area in the country 114 (or 81%) million hectares is Irrigation Potential Created (IPC) and 88 (or 62%) million hectares is Irrigation Potential Utilised (IPU) leaving almost 20% of irrigated potential unutilized. This leaves 40 percent of the net sown area in the country dependent on rainfall which makes farming a high risk and less productive.

The competing demands for water resources and the emerging issues and concerns were to be addressed through certain basic principles and commonality in approaches in dealing with planning, development and management of water resources[3] under an Integrated Water Resource Management framework. The main objectives of water resource management as delineated in National Water Policy 2012 are:

(i) Planning, development and management of water resources need to be governed by common integrated perspective considering local, regional, State and national context, having an environmentally sound basis, keeping in view the human, social and economic needs.

(ii) Principle of equity and social justice must inform use and allocation of water.

(iii) Good governance through transparent informed decision making is crucial to the objectives of equity, social justice and sustainability. Meaningful intensive participation, transparency and accountability should guide decision making and regulation of water resources.

(iv) Water needs to be managed as a common pool community resource held, by the state, under public trust doctrine to achieve food security, support livelihood, and ensure equitable and sustainable development for all.

(v) Water is essential for sustenance of eco-system, and therefore, minimum ecological needs should be given due consideration.

(vi) Safe Water for drinking and sanitation should be considered as pre-emptive needs, followed by high priority allocation for other basic domestic needs (including needs of animals), achieving food security, supporting sustenance agriculture and minimum eco-system needs. Available water, after meeting the above needs, should be allocated in a manner to promote its conservation and efficient use.

[2]Amarasinghe, U.A., Shah T., Turral, H. and Anand, B.K. 2007.*India's water future to 2025-2050:Business-as-usual scenario and deviations*. Research Report 123, International Water Management Institute, Colombo.
[3]Ministry of Water Resources, National Water Policy, 2012, Government of India, New Delhi.

(vii) All the elements of the water cycle, i.e., evapo-transpiration, precipitation, runoff, river, lakes, soil moisture, and ground water, sea, etc., are interdependent and the basic hydrological unit is the river basin, which should be considered as the basic hydrological unit for planning.

(viii) Given the limits on enhancing the availability of utilizable water resources and increased variability in supplies due to climate change, meeting the future needs will depend more on demand management, and hence, this needs to be given priority, especially through (a) evolving an agricultural system which economizes on water use and maximizes value from water, and (b) bringing in maximum efficiency in use of water and avoiding wastages.

(ix) Water quality and quantity are interlinked and need to be managed in an integrated manner, consistent with broader environmental management approaches inter-alia including the use of economic incentives and penalties to reduce pollution and wastage.

(x) The impact of climate change on water resources availability must be factored into water management related decisions. Water using activities need to be regulated keeping in mind the local geo climatic and hydrological situation.

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The funds under this program would be provided to the states as per the pattern of assistance of Centrally Sponsored Schemes (CSS) decided by the Ministry of Finance and NITI Aayog. During 2015-16 the existing pattern of assistance of ongoing scheme was continued. An outlay of Rs. 50,000 crore has been approved for 2015-20. The financial assistance provided to the state governments from this centrally sponsored scheme is subject to fulfillment of certain conditions.Firstly, a state will become eligible to access PMKSY fund only if it has prepared the District Irrigation Plans (DIP) and State Irrigation Plan (SIP), excepting for the initial year, and the expenditure in water resource development for agriculture sector in the year under consideration is not less than the baseline expenditure, which is defined as the average of the expenditure in irrigation sector irrespective of the department in the state plan in three years prior to the year under consideration. Secondly, States will be given additional weightage for levying charges on water and electricity for irrigation purposes, so as to ensure sustainability of the programme. Thirdly, interstate allocation of PMKSY fund will be decided based on

- Share of percentage of unirrigated area in the state vis-à-vis national average including prominence of areas classified under Desert Development Programme (DDP) and Drought Prone Area Development Programme (DPAP)
- Increase in percentage share of expenditure on water resource development for agriculture sector in State Plan expenditure in the previous year over three years prior to it and
- Improvement in irrigation efficiency in the state.

1. Vision

The overreaching vision of PradhanMantriKrishiSinchayeeYojana (PMKSY) will be to ensure access to some means of protective irrigation to all agricultural farms in the country, to produce ‘per drop more crop’, thus bringing much desired rural prosperity.

2. Objective

The objectives of the PMKSY are to:

a) Achieve convergence of investments in irrigation at the field level (preparation of district level and, if required, sub district level water use plans).
b) Enhance the physical access of water on the farm and expand cultivable area under assured irrigation (HarKhetkoPani),
c) Integration of water source, distribution and its efficient use, to make best use of water through appropriate technologies and practices.
d) Improve on-farm water use efficiency to reduce wastage and increase availability both in duration and extent,
e) Enhance the adoption of precision-irrigation and other water saving technologies (More crop per drop).
f) Enhance recharge of aquifers and introduce sustainable water conservation practices
g) Ensure the integrated development of rainfed areas using the watershed approach towards soil and water conservation, regeneration of ground water, arresting runoff, providing livelihood options and other NRM activities.
h) Promote extension activities relating to water harvesting, water management and crop alignment for farmers and grass root level field functionaries.
i) Explore the feasibility of reusing treated municipal waste water for peri-urban agriculture, and
j) Attract greater private investments in irrigation.

3. Strategy / approach

To achieve these objectives PMKSY adopted strategies that include

a) Creation of new water sources; repair, restoration and renovation of defunct water sources; construction of water harvesting structures, secondary & micro storage, groundwater development, enhancing potentials of traditional water bodies at village level like JalMandir (Gujarat); Khatri, Kuhl (H.P.); Zabo (Nagaland); Eri, Ooranis (T.N.); Dongs (Assam); Katas, Bandhas (Odisha and M.P.) etc.
b) Developing/augmenting distribution network where irrigation sources (both assured and protective) are available or created;
c) Promotion of scientific moisture conservation and run off control measures to improve ground water recharge so as to create opportunities for farmers to access recharged water through shallow tube/dug wells;
d) Promoting efficient water conveyance and field application devices within the farm viz, underground piping system, Drip & Sprinklers, pivots, rain-guns and other application devices etc.;
e) Encouraging community irrigation through registered user groups/farmer producers' organisations/NGOs; and

f) Farmer oriented activities like capacity building, training and exposure visits, demonstrations, farm schools, skill development in efficient water and crop management practices (crop alignment) including large scale awareness on more crop per drop of water through mass media campaign, exhibitions, field days, and extension activities through short animation films etc.

4. Programme Components

PMKSY has following four components:

Accelerated Irrigation Benefit Programme (AIBP)

a) To focus on faster completion of ongoing Major and Medium Irrigation including National Projects.

PMKSY (HarKhetkoPani)

a) Creation of new water sources through Minor Irrigation (both surface and ground water) b) Repair, restoration and renovation of water bodies; strengthening carrying capacity of traditional water sources, construction rain water harvesting structures (JalSanchay); c) Command area development, strengthening and creation of distribution network from source to the farm; d) Ground water development in the areas where it is abundant, so that sink is created to store runoff/ flood water during peak rainy season. e) Improvement in water management and distribution system for water bodies to take advantage of the available source which is not tapped to its fullest capacity (deriving benefits from low hanging fruits). At least 10% of the command area to be covered under micro/precision irrigation. f) Diversion of water from source of different location where it is plenty to nearby water scarce areas, lift irrigation from water bodies/rivers at lower elevation to supplement requirements beyond IWMP and MGNREGS irrespective of irrigation command. g) Creating and rejuvenating traditional water storage systems like Khatri, Kuhl etc. at feasible locations.

PMKSY (Per Drop More Crop)

a) Programme management, preparation of State/District Irrigation Plan, approval of annual action plan, Monitoring etc. b) Promoting efficient water conveyance and precision water application devices like drips, sprinklers, pivots, rain-guns in the farm (JalSinchan); c) Topping up of input cost particularly under civil construction beyond permissible limit (40%), under MGNREGS for activities like lining inlet, outlet, silt traps, distribution system etc. d) Construction of micro irrigation structures to supplement source creation activities including tube wells and dug wells (in areas where ground water is available and not under semi critical /critical /over exploited category of development) which are not supported under AIBP, PMKSY (HarKhetkoPani), PMKSY (Watershed) and MGNREGS as per block/district irrigation plan. e) Secondary storage structures at tail end of canal system to store water when available in abundance (rainy season) or from perennial sources like streams for use during dry periods through effective on-farm water management; f) Water lifting devices like diesel/ electric/ solar pumpsets including water carriage pipes, underground piping system. g) Extension activities for promotion of scientific moisture conservation and

agronomic measures including cropping alignment to maximise use of available water including rainfall and minimise irrigation requirement (JalSarankchan); h) Capacity building, training and awareness campaign including low cost publications, use of pico projectors and low cost films for encouraging potential use water source through technological, agronomic and management practices including community irrigation. i) The extension workers will be empowered to disseminate relevant technologies under PMKSY only after requisite training is provided to them especially in the area of promotion of scientific moisture conservation and agronomic measures, improved/ innovative distribution system like pipe and box outlet system, etc. Appropriate Domain Experts will act as Master Trainers. j) Information Communication Technology (ICT) interventions through NeGP-A to be made use in the field of water use efficiency, precision irrigation technologies, on farm water management, crop alignment etc. and also to do intensive monitoring of the Scheme.

PMKSY (Watershed Development)

a) Effective management of runoff water and improved soil & moisture conservation activities such as ridge area treatment, drainage line treatment, rain water harvesting, in-situ moisture conservation and other allied activities on watershed basis. b) Converging with MGNREGS for creation of water source to full potential in identified backward rainfed blocks including renovation of traditional water bodies

1. Rationale / Justification

In reference to the status and need of irrigation, the water resource management including irrigation related priorities was identified for Bilaspur district by the peoples' representatives of district with support from administration and technical experts. For instance the reports of Strategic Research and Extension Plan (SREP) prepared under ATMA program, Comprehensive District Agriculture Plan (C-DAP) prepared as part of RashtriyaKrishiVikasYojana (RKVY), Potential Linked Credit Plans (PLP) of NABARD and the Integrated District Development Plan etc. identified number of irrigation related issues for Bilaspur district including (i) promoting water use efficiency through sprinkler and drip irrigation; (iii) promoting protected polyhouse cultivation to minimize risk factors and enhance quality and productivity; (iv) Improvement of on-farm water delivery and efficiency of existing irrigation systems; (v) promotion of soil conservation of arable & non-arable land through engineering measures; (vi) creation of new water harvesting structures, check dams, ponds, tanks, etc (vii) increase the forest cover in the district and (viii) land improvement measures.

2. Methodology

During the course of preparation of District Irrigation Plan (DIP) the team visited Nalbaridistrict to collect data and have interaction with all the stakeholders. Methodology adopted to prepare DIP is outlined in brief as under:

- Collection of primary and secondary data from field from various sources including published documents and websites.
- Meetings with various State Government departments and related institutions were held
- Meeting through VC was also held with State Level authorities.
- GIS maps of the area's/clusters were studied to understand the land morphology, topography of the district.
- Focused group discussions and interaction with of agriculture officers, horticulture officers, soil conservation officers, extension officers, rural development department, animal husbandry department, irrigation officers both at blocksand district level for identifying the key issues and focus areas of the region.
- Discussion with NABARD officer of Nalbaridistrict was also held during the visit.

On the basis of detailed discussion and analysis of data, the team arrived at the projections of various components of PMKSY and Department wise plan for five years from 2016-17 to 2020-21 as detailed in the plan.

CHAPTER I

General information of the District

1.1 District Profile

Nalbari District is situated in between Kamrup and Barpeta District. For better administration, old Kamrup District has been divided into three districts. Nalbari was declared a Sub-Division of undivided Kamrup District in 1967. Nalbari Sub-Division is formally declared as a District in 14th August, 1985.Nalbari District is further divided in 2003 for creation of Baska District in B.T.A.D. area. A sizeable area comprising most of the upland, forest area and tea garden area of original district has fallen into the newly created Baska District under B.T.A.D. area.

Location and Geographical Unit:

Nalbari District is located between 26°N to 26.51°N Latitude and 91°E to 91.47°E Longitude. The north and west side of the district is bounded by Baska and Barpeta district respectively. The south and east side of the district is bounded by Kamrup District. The district is now having an area of 1009.57 sq km consisting of 3 nos. Civil Sub-Division, 7 nos. Revenue Circle, 7 nos.Community Development Blocks and 65 nos.GaonPanchayats covering 471 villages.The entire area of the District is situated at the plans of the Brahmaputra Valley. The tributaries of the Brahmaputra, Nona, Buradia, Pagaldia, Borolia and Tihu are originated from the foothills of the Himalayas Range are wild in nature and have enormous contribution towards the agrarian economy of the district.

Figure 1.1: Map of Nalbari

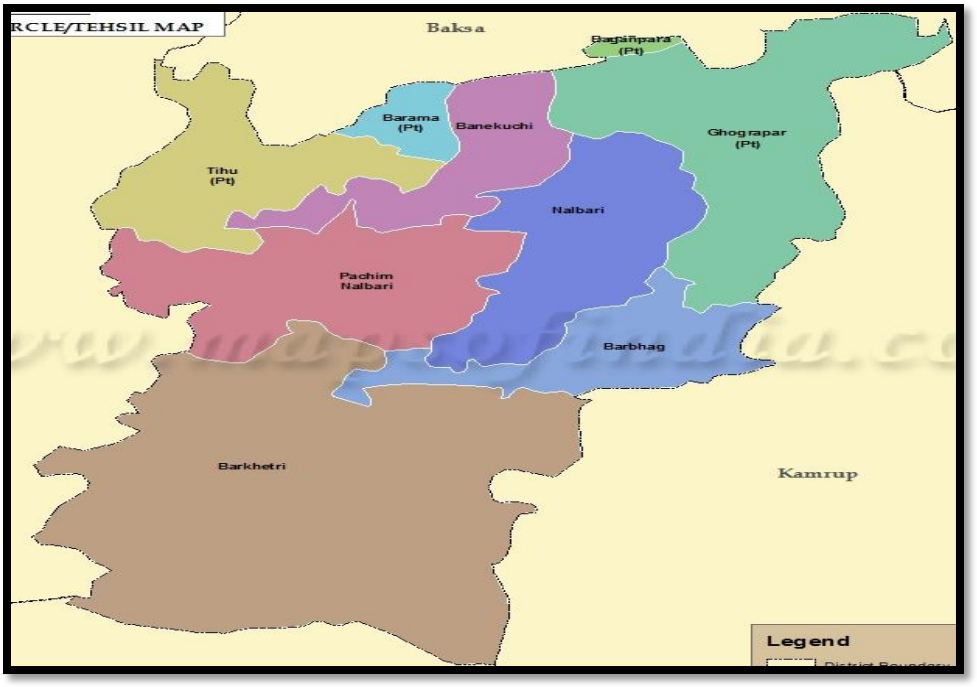


Table 1.1: District Profile of Nalbari

District Profile				
Sr. No	Name of District	District Code	Latitude	Longitude
1	Nalbari	335	26°N To 26.51°N	90°E To 91.47°E

Source: Census of India, Nalbari

District Background

Nalbaridistrict in the state of Assam is being carved out from theerstwhile Kamrup district in 1985. Etymologically, Nalbari means a place of reeds which is a hybrid formation of Nal(reed) an Austrict word + Bari (living places) a Sanskrit oriented word from Vatika. Locatedstrategically in the lower Brahmaputra valley of Assam, the district is amelting pot of people, cultures and traditions. Flanked by the mighty river Brahmaputra on its southern fringes and the foothills of Baksa districttowards its northern end, the district represents diversity in agro-climaticand geographical situations.Nalbari is the birth place of some famous people who have significantcontribution to the Indian society. They have provided the district withinstitutions which till date help in flourishing different aspects of artistry.They also have enriched the cultural heritage of the district.

Administrative Set-up of Nalbari

The Deputy Commission of the district is the overall in charge of theadministration of the entire district. He also acts as the Collector in case ofRevenue matters, as a District Magistrate in case of maintenance of Law andOrder and General Administration as a District Election Officer in case ofconduct of Election, as a Principal Census Officer while conducting Census andso on. A number of officers like Additional Deputy Commissioners, Sub divisional officers, Extra Assistant Commissioner and others assist the DeputyCommissioner in looking after the Administration of the district.For the administrative convenience, the district is divided into nine revenue circles. Under each revenue circles, there are Mauzas comprising allkind of village. The revenue circles are Barama (Pt), Tihu (Pt), PachimNalbari, Barkhetri, Barbhag, Nalbari, Banekuchi, Ghograpar (Pt) and Baganpara (Pt) which covers 456 villages. The geographical area of the district is 1009.57 Sq.Km. The district has 7m Community Development Blocks. There are 2 Statutory Towns and 9 CensusTowns. After 2001 Census, 363 villages were curved out from the district forthe inclusion in the new district of Baksa.

1.2 Demography

The total population of the district is 7,71,639 as per 2011 Census, out of which male population is 3,96,006and female population is 3,75,633. The scheduled caste population is 60,216 and scheduled tribe is 23,364. The population density is 733.5 persons per square kilometre.

Table 1.2: Demography of Nalbari

Name of the Blocks		Total NHH*	Total NM*	M	F	CH* (0-6 yrs)
Barkhetri	Total	38037	202196	103949	98247	35801
	Rural	38037	202196	103949	98247	35801
	Urban	_	_	_	_	_
Pub Nalbari	Total	32257	154826	79835	74991	15564
	Rural	22653	110160	56695	53465	11368
	Urban	9604	44666	23140	21526	4196
PaschimNalbari	Total	23992	116877	59754	57123	11853
	Rural	17835	87416	44887	42529	9156
	Urban	6157	29461	14867	14594	2697
Madhupur	Total	10349	50934	26333	24601	5412
	Rural	10349	50934	26333	24601	5412
	Urban	_	_	_	_	_
Borbhag	Total	11925	59707	30593	29114	5820
	Rural	11080	55703	28608	27095	5521
	Urban	845	4004	1985	2019	299
BarigogBanbhag	Total	21410	105801	54106	51695	13275
	Rural	21410	105801	54106	51695	13275
	Urban	_	_	_	_	_
Tihu	Total	17278	81298	41436	39862	7608
	Rural	16237	76699	39099	37600	7226
	Urban	1041	4599	2337	2262	382
Total		**155248**	**771639**	**396006**	**375633**	**95333**

Source: Census of India, Nalbari, 2011

****M- Male, F- Female, CH- Children 0-6 years, NHH- No. of households, NM- No. of members***

1.3 Biomass and Livestock

Livestock Population

Livestock rearing is an integral part of farming systems in the district. As per Livestock census 2012, a total of 3,06,062 livestock was recorded in the district. The district has seen a decrease of approximately 3% in the total livestock population which was recorded as 3,15,434 during Livestock census 2003. Compared to the data recorded during 2003 census, significant changes have occurred in the population of Cows, Sheep, Goat and Poultry. The population of Poultry has shown decrease of 10%, 52% decrease in Sheep and 12% decrease in number of Cows. In case of Buffaloes and Goats, the population has increased by 3% and 12% respectively.

Table 1.3: Biomass and live stock of Nalbari

Name of Dev. Block	Small Animals					Large Animals		
	Poultry (Nos.)	Ducks (Nos.)	Pigs (Nos.)	Goats (nos.)	Sheep (Nos.)	Indigenous Cow (Nos.)	Hybrid Cow (Nos.)	In descriptive Buffalo (Nos.)
Pub Nalbari	33849	33799	1567	29208	300	25021	5661	52
PachimNalbari	21064	16123	1016	19785	642	35658	6223	546
Barkhetri	77733	40137	6652	32810	22106	61682	3573	7235
Barbhag	15493	16859	932	15680	37	8507	1612	157
BorigogBanbhag	60729	58423	2343	20621	208	33244	1794	93
Tihu	21451	16081	1047	14175	434	20580	3025	375
Madhupur	20248	15772	635	12629	0	13142	475	30
Total--	**250567**	**197194**	**14192**	**144908**	**23727**	**197834**	**22363**	**8488**

Source: Statistical Hand Book, Nalbari

1.4 Agro-Ecology, Climate, Hydrology and Topography

The district experiences a tropical humid climate with heavy rainfall and hot summer. The average temperature ranges from minimum 80 C to maximum 340 C throughout the year. The average humidity remains almost same with variation from 62% in winter to 87% in post monsoon period. The average annual rainfall of the district is 1904.4 mm with minimum rainfall as zero mm in November to maximum 395 mm during August. The maximum rainfall occurs during the period from April to August. Heavy rainfall starts from April with the onset of monsoon and continues till August. Then it recedes afterward.

Hydrogeologically the entire area of Nalbari district is occupied by alluvial sediments of Quaternary age. The alluvium comprises unconsolidated sediments of clay, silt, sand. Gravel and boulders of quartz, feldspars etc. The younger alluvial cover deposited during the period comprises thick beds of clay, sand and gravel. The upper layer of the alluvial formation comprises clayey/sandy soil followed by coarse sand gravel beds at depth. This formation is a very good potential zone for ground water extraction. Ground water in the district occurs under water table and semi-confined condition. The district is underlain by thick alluvium having uniform porosity and permeability of 10- 15%. Water level records of the hydrographic network stations show very less variation in rise and fall. The average pre-monsoon water level of the district is 1.24 m bgl while that of post monsoon is 1.61 m bgl.Existing hydrogeological setup and availability of huge potential aquifer zones down to the depth of 300 m indicate much scope for ground water development by shallow and deep abstraction structures.

The district has a more or less plain topography, some hillocks are found elsewhere. It has a gentle slope from northern side towards south direction.

Table 1.4(a): Agro Ecology, Climate, Hydrology and Topography of Nalbari

Agro Ecological Zone Type	Type of Terrain	District Area (ha)	Normal Annual Rainfall (mm)	Average Monthly Rainfall (mm)	No of RainyDays (No)	Maximum Rainfall Intensity(mm)		
						Up to 15 Min	Beyond 15 but up to 30 Min	Beyond 30 but up to 60 Min
Humid	Moderately Undulating	100957	2158	124.7	104			

Source: IMD

Table 1.4(b): Agro Ecology, Climate, Hydrology and Topography of Nalbari

Average Weekly Temperature (°C)								
Period								
Summer (April-May)			Winter (Oct.-Mar.)			Rainy (June-Sept.)		
Min.	Max.	Mean	Min.	Max.	Mean	Min.	Max.	Mean
22	31	27	11	23	16.2	23	32	27

Source: IMD

1.5 Soil Profile

The Soil condition of the District is a heterogeneous one. The Soil of the northern part of the district is clayey and loamy where as middle part is loamy and sandy. The Soil of the southern part of the district is composed of sandy soil. Below table – 1.5 presents the block-wise soil profile of the district.

Table 1.5: Soil profile of Nalbari

Block	Soil Type		Land slope*			
	Major Soil Classes	Area (ha)	0-3% (ha)	3-8% (ha)	8-25% (ha)	>25% (ha)
Barbhag Dev. Block	Fine loamy to coarse loamy	6478	--	6478	--	--
	Fine loamy to sandy	314	314	--	--	--
	Total	**6792**	**314**	**6478**	--	--
BorigogBanbhag Dev. Block	Fine loamy to coarse loamy	2223	--	2223	--	--
	Fine loamy to sandy	13644	13644	--	--	--
	Total	**15867**	**13644**	**2223**	--	--
Barkhetri Dev. Block	Fine loamy to coarse loamy	3012	--	3012	--	--
	Fine loamy to coarse loamy	3730	3730	--	--	--
Barkhetri Dev. Block	Fine loamy to coarse loamy	26329	26329	--	--	--
	Total	**33071**	**30059**	**3012**	--	--

Madhupur Dev. Block	Fine loamy to coarse loamy	6239	--	6239	--	--
	Fine loamy to sandy	1147	1147	--	--	--
	Total	**7386**	**1147**	**6239**	--	--
PaschimNalbari Dev. Block	Fine loamy to coarse loamy	6102	--	6102	--	--
	Fine loamy to sandy	2555	2555	--	--	--
	Fine loamy to coarse loamy	3874	3874	--	--	--
	Murshy Land	1136	--	--	--	--
	Total	**13667**	**6429**	**6102**	--	--
Pub Nalbari Dev. Block	Fine loamy to coarse loamy	7247	--	7247	--	--
	Fine loamy to sandy	4702	4702	--	--	--
	Fine loamy to coarse loamy	939	939	--	--	--
	Total--	**12888**	**5641**	**7247**	--	--
Tihu Dev. Block	Fine loamy to sandy	7374	7374	--	--	--
	Fine loamy to coarse loamy	3912	3912	--	--	--
	Total--	**11286**	**11286**		--	--

Source: NBSS & LUP & Soil Survey Office, Ulubari, Guwahati-6, Assam

- 0-3% :- Level to very gentle sloping plain
- 3-8% :- gentle slopping plain
- 8-25% :- moderately sloping to moderately steeply sloping
- >25% :- steeply sloping to very steeply sloping

1.6 Soil Erosion and Runoff Status

Soil erosion is a naturally occurring process that affects all landforms. In agriculture, soil erosion refers to the wearing away of a field's topsoil by the natural physical forces of weather and wind or through forces associated with farming activities such as tillage.

In Nalbari district, soil movement by rainfall (raindrop splash) is an important factor and floods accompanied with soil erosion and sand deposition causes maximum damage to standing crops of the agricultural lands in the district and as a result the soils are subjected to severe soil erosion during rainy season.

Thedivision-wise soil erosion and run off status has been given in table 1.6

Table 1.6: Soil Erosion &Runoffstatus of Nalbari

Location	Cause	Type of erosion	Area affected (Ha)	Run off (mm / hr)	Average soil loss (Tonnes / Ha / year)
Nalbari-1 (Morachowlkhowa IWMP)/2009-10, Batch-1	Water Erosion				
	a	Sheet	4500	44.00	8 ton/h/year
	b	Rill	150		
	c	Gully	nil		
	Sub Total		4650		
	Wind Erosion			NA	
	Total		**4650**		
Nalbari-2 (Buradia IWMP)/2009-10, Batch-I	Water Erosion				
	a	Sheet	4000	55.00	17.3 ton/h/year
	b	River Bank	100		
	C	Rill	1500		
	d	Gully	250		
	Sub Total		5850		
	Wind Erosion			NA	
	Total		**5850**		
Nalbari-2 (Pubhnoi IWMP)/2010-11, Batch-II	Water Erosion				
	a	Sheet	2667.50	1616.00	15 ton/h/year
	b	River Bank	242		
	C	Rill	1455		
	d	Gully	485		
	Sub Total		4849.50		
	Wind Erosion			NA	
	Total		**4849.50**		
Nalbari-2 (Chowlkhowa IWMP)/2010-11, Batch-II	Water Erosion				
	A	Sheet	301	1615.00	15 ton/h/year
	b	Rill	129		
	c	Gully	nil		
	Sub Total		430		
	Wind Erosion			NA	
	Total		**430**		
Nalbari-2 (Borolia IWMP)/2011-12, Batch-III	Water Erosion				
	a	Sheet	301	1615.00	15 ton/h/year
	b	Rill	129		
	c	Gully	nil		
	Sub Total		430		
	Wind Erosion			NA	
	Total		**430**		
Nalbari-2 (lower Pagladia IWMP)/2012-13, Batch-IV	Water Erosion				
	a	Sheet	200	1615.00	15 ton/h/year
	b	Rill	120		
	c	Gully	nil		
	Sub Total		320		
	Wind Erosion			NA	
	Total		**320**		

Source: WCDC (IWMP), NALBARI

1.7 Land use Pattern

The total geographical area (TGA) of Nalbari District is 1,00,957 hectare. The largest Block of the district is Barkhetriwhich comprises of a TGA of 33,071 hectare i.e. about 32.7% of the TGA of the district.

Table 1.7(a): Land use pattern in Nalbari District

Name of the Dev. Block	TGA (ha.)	Area under Agriculture				Area under Forest	Area under Wasteland	Area under other uses
		GCA	NSA	AST	CI (%)			
Barbhag	6,792.00	6094	4158.76	1935.24	146.53	-	255.28	2377.96
Barkhetri	33,071.00	43386	21575	21811	201.09	-	2894.00	8602.00
BorigogBanbhag	15,867.00	12846	10883	1963	118.04	-	433.29	4550.71
Madhupur	7,386.00	7042	4986	2056	141.24	-	58	2342.00
PaschimNalbari	13,667.00	12784	10400.7	2383.3	122.91	-	563.60	2702.70
Pub Nalbari	12,888.00	11335	9667	1668	117.25	-	110.00	3111.00
Tihu	11,286.00	9744	7679	2065	126.89	-	58.36	3548.64
Total	**1,00,957**	**103231**	**69349.46**	**33881.54**	**148.86**	**-**	**4372.53**	**27235.01**

Source: Department of Agriculture, Nalbari

TGA- Total Geographical Area, GCA- Gross Cropped Area, NSA- Net Sown Area, AST- Area Sown more than once, CI- Cropping Intensity

Land use pattern of Nalbari District comprising with 7 (seven) Nos. of D. Blocks are given below:

Table 1.7(b): Land use pattern in Nalbari District

1.	Total Geographical Area	-	100,957 ha.
2.	Total Area under Forest	-	Nil
3.	Net Cultivable Area	-	69,349 ha.
4.	Gross Cultivable Area	_	1,03,231 ha
5.	Total Area under Waste Land	-	4,373 ha.
6.	Total Area under other uses	-	27,235 ha.

Chapter 2

District Water Profile

2.1 Area Wise, Crop-Wise Irrigation Status

A large portion of the area in Nalbari District is mostly rainfed as the District has been blessed with heavy rainfall during Kharif season. However there is need and scope to improve irrigation facility to increase Cropping Intensity.

Table 2.1(a): Area wise, crop wise irrigation status

Crop Type	Kharif (Area in ha.)			Rabi (Area in ha.)			Summer Crop (Area in ha.)		
	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total
Cereals	4419	58881	63300	10105		10105	1565	2960	4525
Coarse Cereals		118	118		150	150			
Pulses		98	98		2447	2447		705	705
Oil Seeds		345	345		7744	7744			
Fibre		2724	2724						
Total	**4419**	**62166**	**66585**	**10105**	**10341**	**20446**	**1565**	**3665**	**5230**

Table 2.1(b): Area wise, crop wise irrigation status

Crop Type	Horticulture & Plantation Crop (Area in ha.)			Total (Area in ha.)		
	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total
Cereals	2645	8325	10970	18734	70166	88900
Coarse Cereals				0	268	268
Pulses				0	3250	3250
Oil Seeds				0	8089	8089
Fibre				0	2724	2724
Total	**2645**	**8325**	**10970**	**18734**	**84497**	**103231**

Source: Department of Agriculture, Nalbari

In Nalbari, 18734hectare is irrigated which accounts for 18.14% out of a total of 103231 hectare of total cultivated land. Out of this irrigated area, cereals crops are cultivated in4419 hectare in Kharif, 10105 hectare of cereals is cultivated under irrigated land during Rabi. In summer a total of 4525 hectare area is cultivated with 1565 hectare under irrigated category.

2.2 Production and Productivity of Major Crops

Paddy is the main cereal crop of the District. Maize is grown in both Kharif and summer season. Pulse crop like Arahar, Black gram are grown as secondary crop during Kharif. Major area is in rainfed condition. Pulse crops like Pea and Lentil and Oil seed crops such as Mustard, Sesame, Linseed are major Rabi crops of the District. During summer some areas is covered with Summer Paddy in irrigated condition.

Table 2.2(a): Production and Productivity of Major crops

Name of the Block : Barbhag Dev. Block													
Season	Crop sown	Rainfed				Irrigated				Total			
		Area (ha.)	Production (qnty / Yr.) MT	Productivity of Yield (Kg./ha.)	Cost of Cultivation (Rs./ha.)	Area (ha)	Production (Qnty./Yr)	Productivity (kg./ha.)	Cost of Cultivation (Rs./ha.)	Area (ha.)	Production (Qnty./Yr.)	Productivity (kg./ha.)	Cost of Cultivation (Rs./ha.)
Kharif	Cereals	3697	8769	2372	18000	270	691	2560	19500	3967	9460	2385	18102
	Coarse Cereals	2	6.14	3070	7500	0				2	6.14	3070	7500
	Pulses	7	4.31	617	2500	0				7	4.31	617	2500
	Oil seed	37	23.49	635	3000	0				37	23.49	635	3000
	Fiber crop	9	19.17	2130	30000	0				9	19.17	2130	30000
Rabi	Cereals	0				463	1362.6	2943	21000	463	1362.60	2943	21000
	Coarse Cereals	2	8.63	4316	7500	0				2	8.63	4316	7500
	Pulses	114	94.05	825	2500	0				114	94.05	825	2500
	Oil seed	692	429.04	620	5500	0				692	429.04	620	5500
Summer	Cereals	200	280.0	1400	9500	87	181.78	2089.4	19500	287	461.78	1609	12531
	Pulses	31	25.75	825	2500	0				31	25.75	825	2500
Horticultural & Plantation	Kharif Veg.	43	410	9154	44500	42	641	5257	50856	85	1051	12364	47641
	Rabi Veg.	163	1467	9000	70000	43	650	15106	45500	206	2117	10276	64886
	Banana	108	1552.50	14375	90800	0				108	1552.50	14375	90800
	Papaya	27	450.10	16669	98000	0				27	450.10	16669	98000
	Assam Lemon	57	5.13	22500	22500	0				57	5.13	22500	22500
	Total	**5189**				**905**				**6094**			

Table 2.2(b): Production and Productivity of Major crops

Name of the Block : **Barkhetri Dev. Block**													
Season	Crop sown	Rainfed				Irrigated				Total			
		Area (ha.)	Production (qnty / Yr.) MT	Productivity of Yield (Kg./ha.)	Cost of Cultivation (Rs./ha.)	Area (ha.)	Production (Qnty./Y) MT	Productivity (kg./ha.)	Cost of Cultivation (Rs./ha.)	Area (ha.)	Production (Qnty./Yr.) MT	Productivity (kg./ha.)	Cost of Cultivation (Rs./ha.)
Kharif	Cereals	18079	42883	2372	18000	2328	5960	2560	19500	20407	488431	2393	18180
	Coarse Cereals	96	295.0	3070	7500	0				96	295.0	3070	7500
	Pulses	39	24.0	617	2500	0				39	24.0	617	2500
	Oil seed	85	54.0	635	3000	0				85	54.0	635	3000
	Fiber crop	2661	5668.0	2130	30000	0				2661	5668.0	2130	30000
Rabi	Cereals	0				6819	20068.0	2943	21000	6819	20068.0	2943	21000
	Coarse Cereals	128	522.44	4316	7500	0				128	522.44	4316	7500

	Pulses	1517	1252.0	825	2500	0				1517	1252.0	825	2500
	Oil seed	2476	1535.0	620	5500	0				2476	1535.0	620	5500
Summer	Cereals	1551	2171.0	1400	9500	950	1985.0	2089	19500	2501	4156	1661	13298
	Pulses	475	392.0	825	2500	0				475	392	825	2500
Horticultural & Plantation	Kharif Veg.	811	7424	9154	44500	820	12511	15257	50856	1631	19935	12222	47696
	Rabi Veg.	3148	28332	9000	70000	811	12251	15106	45500	3959	40582	10251	64981
	Banana	460	6613.0	14375	90800	0				460	6613.0	14375	90800
	Papaya	60	1000.0	16669	98000	0				60	1000.0	16669	98000
	Assam Lemon	72	16.20	22500	22500	0				72	16.20	22500	22500
	Total	**31658**				**11728**				**43386**			

Table 2.2(c): Production and Productivity of Major crops

Name of the Block : BorigogBanbhag Dev. Block													
Season	Crop sown	Rainfed				Irrigated				Total			
		Area (ha.)	Production (qnty / Yr.) MT	Productivity of Yield (Kg./ha.)	Cost of Cultivation (Rs./ha.)	Area (ha.)	Production (Qnty./Yr.)	Productivity (kg./ha.)	Cost of Cultivation (Rs./ha.)	Area (ha.)	Production (Qnty./Yr.)	Productivity (kg./ha.)	Cost of Cultivation (Rs./ha.)
Kharif	Cereals	9442	22396	2372	18000	522	1336	2560	19500	9964	23732	2381	18078
	Coarse Cereals	4	12.28	3070	7500	0				4	12.28	3070	7500
	Pulses	11	6.78	617	2500	0				11	6.78	617	2500
	Oil seed	48	30.48	635	3000	0				48	30.48	635	3000
	Fiber crop	12	25.50	2130	30000	0				12	25.56	2130	30000
Rabi	Cereals	0				628	1848	2943	21000	628	1848	2943	21000
	Coarse Cereals	5	21.58	4316	7500	0				5	21.58	4316	7500
	Pulses	176	145.0	825	2500	0				176	145.0	825	2500
	Oil seed	1013	628.0	620	5500	0				1013	628.0	620	5500
Summer	Cereals	168	235.20	1400	9500	112	180.0	1609	19500	280	415.0	1482	13500
	Pulses	46	38	825	2500	0				46	38.0	825	2500
Horticultural & Plantation	Kharif Veg.	56	513	9154	44500	62	946	15257	50856	118	1459	12364	47839
	Rabi Veg.	269	2421	9000	70000	66	997	5106	45500	335	3418	10203	65173
	Banana	125	1796.8	14375	90800	0				125	1796.8	14375	90800
	Papay	29	483.40	16669	98000	0				29	483.40	16669	9800

	a												
	Assam Lemon	52	11.7	22500	22500	0				52	11.7	22500	22500
	Total--	**11456**				**1390**				**12846**			

Table 2.2(d): Production and Productivity of Major crops

Name of the Block : Madhupur Dev. Block													
Season	**Crop sown**	**Rainfed**				**Irrigated**				**Total**			
		Area (ha.)	Production (qnty / Yr.) MT	Productivity of Yield (Kg./ha.)	Cost of Cultivation (Rs./ha.)	Area (ha.)	Production (Qnty./Yr) MT	Productivity (kg./ha.)	Cost of Cultivation (Rs./ha.)	Area (ha.)	Production (Qnty./Yr.) MT	Productivity (kg./ha.)	Cost of Cultivation (Rs./ha.)
Kharif	Cereals	4130	9796	2372	18000	240	614	2560	19500	4370	10410	2382	18082
	Coarse Cereals	3	9.21	3070	7500	0				3	9.21	3070	7500
	Pulses	8	4.94	617	2500	0				8	4.94	617	2500
	Oil seed	33	20.96	635	3000	0				33	20.96	635	3000
	Fiber crop	9	19.17	2130	30000	0				9	19.17	2130	30000
Rabi	Cereals	0				585	1721.66	2943	21000	585	721.66	2943	21000
	Coarse Cereals	4	17.26	4316	7500	0				4	17.26	4316	7500
	Pulses	157	129.53	825	2500	0				157	129.53	825	2500
	Oil seed	776	481.12	620	5500	0				776	481.12	620	5500
Summer	Cereals	227	317.8	1400	2500	98	204.76	2089.4	19500	325	522.56	1608	12515
	Pulses	34	28.0	825	2500	0				34	28.0	825	2500
Horticultural & Plantation	Kharif Veg.	38	34.8	9154	44500	88	1343	15257	50856	126	1691	13421	48939
	Rabi Veg.	288	2592	9000	70000	74	1118	15106	45500	362	3710	10249	64992
	Banana	156	2243	14375	90800	0				156	2248	14375	90800
	Papaya	32	533.4	16669	98000	0				32	533.4	16669	98000
	Assam Lemon	62	13.95	22500	22500	0				62	13.95	22500	22500
	Total	**5957**				**1085**				**7042**			

Table 2.2(e): Production and Productivity of Major crops

Name of the Block : PaschimNalbari Dev. Block													
Season	**Crop sown**	**Rainfed**				**Irrigated**				**Total**			
		Area (ha.)	Production (qnty / Yr.) MT	Productivity of Yield (Kg./ha.)	Cost of Cultivation (Rs./ha.)	Area (ha.)	Production (Qnty./Yr) MT	Productivity (kg./ha.)	Cost of Cultivation (Rs./ha.)	Area (ha.)	Production (Qnty./Yr.) MT	Productivity (kg./ha.)	Cost of Cultivation (Rs./ha.)
Kharif	Cereals	9080	21538	2372	18000	344	881	2560	19500	9424	22419	2379	18060

	Coarse Cereals	6	18.42	3070	7500	0				6	18.42	3070	7500
	Pulses	12	7.40	617	2500	0				12	7.40	617	2500
	Oil seed	62	39.37	635	3000	0				62	39.37	635	3000
	Fiber crop	14	29.82	2130	30000	0				14	29.82	2130	30000
Rabi	Cereals	0				588	1730.0	2943	21000	588	1730.0	2943	21000
	Coarse Cereals	4	17.26	4316	7500	0				4	17.26	4316	7500
	Pulses	179	147.67	825	2500	0				179	147.67	825	2500
	Oil seed	1093	677.0	620	5500	0				1093	677.66	620	5500
Summer	Cereals	293	410	1400	9500	96	201.0	2089	19500	389	611.0	1570	11967
	Pulses	42	34.65	825	2500	0				42	34.65	825	2500
Horticultural & Plantation	Kharif Veg.	109	998	9154	44500	108	1648	5257	50856	217	2646	12192	47663
	Rabi Veg.	415	3735	9000	70000	107	1616	15106	45500	522	5351	10250	64977
	Banana	138	1984.0	14375	90800	0				138	1984.0	14375	90800
	Papaya	36	600.0	16669	98000	0				36	600.0	16669	98000
	Assam Lemon	58	13.0	22500	22500	0				58	13.0	22500	22500
	Total--	**11541**				**1243**				**12784**			

Table 2.2(f): Production and Productivity of Major crops

Name of the Block : Pub Nalbari Dev. Block													
Season	**Crop sown**	**Rainfed**				**Irrigated**				**Total**			
		Area (ha.)	Production (qnty / Yr.) MT	Productivity of Yield (Kg./ha.)	Cost of Cultivation (Rs./ha.)	Area (ha.)	Production (Qnty./Yr.) MT	Productivity (kg./ha.)	Cost of Cultivation (Rs./ha.)	Area (ha.)	Production (Qnty./Yr.) MT	Productivity (kg./ha.)	Cost of Cultivation (Rs./ha.)
Kharif	Cereals	7878	18686	2372	18000	218	558	2560	19500	8096	19244	2377	18040
	Coarse Cereals	4	12.28	6070	7500	0				4	12.28	3070	7500
	Pulses	11	6.79	617	2500	0				11	6.79	617	2500
	Oil seed	45	28.56	635	3000	0				45	28.56	635	3000
	Fiber crop	11	23.43	2130	30000	0				11	23.43	2130	30000
Rabi	Cereal	0				548	1613.0	2943.0	21000.	548	1613.	2943.	21000.

	s								0		0	0	0
	Coarse Cereals	4	17.26	4316	7500	0				4	17.26	4316	7500
	Pulses	177	146.0	825	2500	0				177	146.0	825.0	2500.0
	Oil seed	1040	645.0	620	5500	0				1040	645.0	620	5500
Summer	Cereals	279	390.60	1400	9500	119	248.60	2089	19500	398	639.0	1605	12490
	Pulses	41	33.82	825	2500	0				41	33.82	825	2500
Horticultural & Plantation	Kharif Veg.	95	870	9154	44500	94	1434	15257	50856	189	2304	12190	47661
	Rabi Veg.	403	3627	9000	70000	103	1556	15106	45500	506	5183	10243	65012
	Banana	162	2329	14375	90800	0				162	2329	14375	90800
	Papaya	34	567	16669	98000	0				34	567	16669	98000
	Assam Lemon	69	15.53	22500	22500	0				69	15.53	22500	22500
	Total--	**10253**				**1082**				**11335**			

Table 2.2(g) : Production and Productivity of Major crops

Name of the Block : Tihu Dev. Block													
Season	**Crop sown**	**Rainfed**				**Irrigated**				**Total**			
		Area (ha.)	**Production (qnty / Yr.) MT**	**Productivity of Yield (Kg./ha.)**	**Cost of Cultivation (Rs./ha.)**	**Area (ha.)**	**Production (Qnty./Yr.) MT**	**Productivity (kg./ha.)**	**Cost of Cultivation (Rs./ha.)**	**Area (ha.)**	**Production (Qnty./Yr.) MT**	**Productivity (kg./ha.)**	**Cost of Cultivation (Rs./ha.)**
Kharif	Cereals	6575	15596	2372	18000	497	1272	2560	19500	7072	21138	2385	18084
	Coarse Cereals	3	11.0	3070	7500	0	-	-	-	3	11.0	3070	7500
	Pulses	10	6.17	617	2500	0	-	-	-	10	6.17	617	2500
	Oil seed	35	22.20	635	3000	0	-	-	-	35	22.20	635	3000
	Fiber crop	8	17.0	2130	30000	0	-	-	-	8	17.0	2130	30000
Rabi	Cereals	0	-	-	-	474	1277.0	2943	21000	474	1277.0	2943	21000
	Coarse Cereals	3	13.0	4316	7500	0	-	-	-	3	13.0	4316	7500
	Pulses	127	105.0	825	2500	0	-	-	-	127	105.0	825	2500
	Oil seed	654	405.0	620	5500	0	-	-	-	654	405.0	620	5500
Summer	Cereal	242	339	1400	9500	103	215.0	2089	19500	345	554	1605	1248

	s												5
	Pulses	36	30.0	825	2500	0	-	-	-	36	30.0	825	2500
Horticultural & Plantation	Kharif Veg.	143	1309	9154	44500	128	1953	15257	50856	271	3262	12037	47502
	Rabi Veg.	406	3654	9000	70000	99	1495	15106	45500	505	5149	10197	65197
	Banana	131	1883.0	14375	90800	0	-	-	-	131	1883.0	14375	90800
	Papaya	22	366.71	16669	98000	0	-	-	-	22	366.71	16669	98000
	Assam Lemon	48	10.8	22500	22500	0	-	-	-	48	10.8	22500	22500
	Total	**8443**				**1301**				**9744**			

Source: Department of Agriculture, Nalbari

2.3 Irrigation Based Classification

As discussed earlier in table 2.1, the district is primarily rainfed. Out of the gross cropped area of **103231** ha, the extent of irrigated land is only **18734**ha, i.e. 18.14% of total cropped area. Considering the block-wise data, percentage of gross irrigated land to cropped area is maximum in Barkhetri block, followed by Madhupurblock, i.e 27.0% and 15.4% respectively.

A total of **84,497** ha of area is under rainfed cultivation. While comparing the ratio of area under rainfed cultivation to gross cropped area in each block, Pub Nalbari block comes at the top position with 90.45% (gross cropped area of 11335 ha) under rainfed irrigation, followed closely by PaschimNalbari block with 90.28% area under rainfed cultivation (gross cropped area of 12784 ha). The area under partial irrigation has been reported to be zero across all the blocks the district.

Table No. 2.3: Irrigation Based Classification

Name of the Block	Irrigated (Area in Ha)		Rainfed (Area in Ha)	
	Gross Irrigated Area	Net Irrigated Area	Partially Irrigated / Protective Irrigation	Un-Irrigated or Totally Rainfed
Barbhag	905	818.00	--	5189
Barkhetri	11728	6,256.00	--	31658
BorigogBanbhag	1390	794.00	--	11456
Madhupur	1085	746.00	--	5957
PaschimNalbari	1243	1,152.00	--	11541
Pub Nalbari	1082	914.00	--	10253
Tihu	1301	636.00	--	8443
Total	**18,734**	**11,316.00**	**--**	**84,497**

Source: Agriculture Statistics, DMP, Nalbari

Chapter 3

District Water Availability

3.1 Status of Water Availability

Nalbari district of Assam is located on northern part of the mighty Brahmaputra river. The River Brahmaputra along with its tributaries like Pagladiya, Buradiya, Baralia etc. control the main drainage system of the district.

The total surface water availability in the district is 11.86 BCM, which comes mostly from the river Brahmaputra and its tributaries. The groundwater availability in the district is 0.4027 BCM, which comes from the variousShallow and Deep tube wells installed in the district.

Table 3.1: Water availability in Nalbari

Status of Water Availability					
BCM per Ha					
Sr.No.	**Sources**	**Kharif**	**Rabi**	**Summer**	**Total**
1	**Surface Irrigation**				
(i)	Canal(Major & Medium Irrigation)	-	-	-	-
(ii)	Minor Irrigation	-	-	-	-
(iii)	Lift Irrigation/Diversion	0.0244	0.0049	0.0122	0.0415
(iv)	Various Water Bodies including Rain Water Harvesting	-	-	-	-
(v)	Treated Effluent Received from STP	-	-	-	-
(vi)	Untreated Effluent	-	-	-	-
(vii)	Perennial sources of water	8.274	1.014	2.535	11.823
2	**Ground Water**				
(i)	Open Well	-	-	-	-
(ii)	Deep Tube Well	0.0138	0.0028	0.007	0.0236
(iii)	Medium Tube Well	-	-	-	-
(iv)	Shallow Tube Wells	0.2230	0.0446	0.1115	0.3791

Source: Irrigation Department, Nalbari

3.2 Status of Ground Water Availability

Ground water occurs under unconfined condition in the district and being a mono aquifer system, the water level is almost directly related to the amount of precipitation received. The pre-monsoon average water level is 1.24 m bgl, which the post monsoon value is 1.61 m bgl. The long term water level trend does not show any significant change.

The annual replenishable ground water resources of Nalbari district are 943.50 mcm and the net annual ground water draft is 457.28 mcm. The stage of ground water development is the under **SAFE** category.

Table 3.2: Ground water availability in Nalbari

District wide Ground water Availability Status					
Status of Block as per Central Ground Water Board Notification			Ground Water (MCM)		
Critical	Semi-Critical	Safe	Draft	Recharge	Gap
		Nalbari	457.28	943.5	-

Source: CGWB

Except a few deep and shallow tube wells, no much more construction has been made. Rural water supply by Public Health Department covers almost most of the parts of the district. Irrigation wells by ASMIDC, Irrigation Department and Agriculture Department have covered a few schemes with construction of shallow tube wells.

3.3 Status of Command Area

Table 3.3 summarizes the status of command area in the district for each block. As depicted therein, a majority of the command area, i.e., **67699.46** ha or 98% out of a total canal command area of **69349.46**ha has been reported to be undeveloped.

Table 3.3: Status of command area (in hectares)

Block Names	Information of Canal Command			Information on the other Services Command			Total Area	
	Total Area	Developed Area	Undeveloped Area	Total Area	Developed Area	Undeveloped Area	Developed Area	Undeveloped Area
Barbhag	4158.76	170.00	3988.76		648.00		818.00	3340.76
Barkhetri	21575.00	60.00	21515.00		6196.00		6256.00	15319.00
BorigogBanbhag	10883.00	170.00	10713.00		624.00		794.00	10089.00
Madhupur	4986.00	380.00	4606.00		366.00		746.00	4240.00
Paschim Nalbari	10400.70	230.00	10170.70		922.00		1152.00	9248.70
Pub Nalbari	9667.00	330.00	9337.00		584.00		914.00	8753.00
Tihu	7679.00	310.00	7369.00		326.00		636.00	7043.00
Total	**69349.46**	**1650**	**67699.46**	**0**	**9666**	**0**	**11316**	**58033.46**

Source: Irrigation department, Nalbari

3.4 Existing Type of Irrigation

As informed by District Agriculture Department, a total of 12 irrigation canals, 3917 tube wells, 23 bore wells and a total of 4868 water extraction devices are operating in the district.As indicated in table 3.4 (a) and (b), Barkhetri blocks have maximum number of sources of irrigation, i.e. 3100 out of 4868irrigation sources in the district. In terms of the command area also, Barkhetri block has the largest command area with **6256 ha** out of a total command area of **11316** ha.

Table 3.4(a): Existing type of surface irrigation sources (Numbers)

Block	Surface Irrigation (1)		Ground Water (2)			Water extraction devices/lift		
	Canal Based							
	Govt. Canal	Community/Pvt. Canal	Tube wells (Govt.)	Open wells	Bore Well (Govt.)	Electricity pump	Diesel pump	Total
Barbhag	1	-	324	-	3	4	324	328
Barkhetri	-	-	3098	-	2	2	3098	3100
BorigogBonbhag	1	-	312	-	3	4	312	316
Madhupur	4	-	183	-	2	6	183	189
PaschimNalbari	1	-	461	-	5	6	461	467
Pub Nalbari	3	-	292	-	3	6	292	298
Tihu	2	-	163	-	5	7	163	170
Total	**12**	**-**	**4833**	**-**	**23**	**35**	**4833**	**4868**

Source: Irrigation department, Nalbari

Table 3.4(b): Existing type of surface irrigation sources (command area)

Block	Surface Irrigation (Number)		Ground Water			Water extraction devices/lift		
	Canal Based							
	Govt. Canal	Community/Pvt. Canal	Tube wells (Govt.)	Open wells	Bore Well (Govt.)	Electricity pump	Diesel pump	Total
Barbhag	80	-	648	-	90	170	648	818
Barkhetri		-	6196	-	60	60	6196	6256
BorigogBonbhag	80	-	624	-	90	170	624	794
Madhupur	320	-	366	-	60	380	366	746
PaschimNalbari	80	-	922	-	150	230	922	1152
Pub Nalbari	240	-	584	-	90	330	584	914
Tihu	160	-	326	-	150	310	326	636
Total	**960**	**-**	**9666**	**-**	**690**	**1650**	**9666**	**11316**

Source: Irrigation department, Nalbari

Chapter 4

Water Requirement/Demand

4.1 Domestic Water Demand

The earlier chapters dealt with the general profile, water profile and water availability ofNalbari district. The present chapter deals with the current (2015) and projected (2020) demand of water for various sectors. The demand for water has been assessed on the basis of data obtained from different departments.

As per Census 2001, the district has shown andecadal growth rate of 11.99%. Table 4.1 below indicates the block-wise population of the district. Projected population (2020) has been calculated by assuming a growth rate of10.79% over the period of nine years (from 2011-2020).

It has been assumed that per capita daily water requirement of people residing in urban areas of the district is 150 Litres and for population in rural areas, the daily per capita daily water requirement is 70 Litres. Using the same norms, annual domestic water supply demand has been worked out and given in table 4.1 below.

Table 4.1: Domestic Water Demand

Domestic Water Demand				
Blocks	Population in 2011	Water Demand (MCM)	Projected population in 2020	Projected Water Demand(MCM)
Barbhag	59707	1.64	66150	1.82
Barkhetri	202196	5.17	224015	5.72
BorigogBanbhag	105801	2.70	117218	2.99
Madhupur	50934	1.30	56430	1.44
PaschimNalbari	116877	3.85	129489	4.26
Pub Nalbari	154826	5.26	171533	5.82
Tihu	81298	4.32	90071	4.78
Total	**771639**	**24.24**	**854906**	**26.83**

4.2 Crop Water Requirement

As discussed in Chapter 2, cereals are cultivated on major part of the gross cropped area in the district. Hence, the crop water requirement for major cereals viz. Paddy, Maize etc as assumed by State Agricultural University has been taken. The assumptions are as under:

- For paddy: 0.6 m per ha,

- For Maize: 0.06 m per ha,
- For wheat: 0.15m per ha,
- Vegetables: 0.18 m per ha and
- For Horticulture crops: 0.06 m/ha

The small portion of area under other crops has been taken in category of vegetables and same assumption has been made.

Table 4.2: Crop Water Demand

Block	Area sown (ha)	Irrigated area (ha)	Crop water demand (MCM)	Water potential required (MCM)	Existing Water potential (MCM)	Water potential to be created (MCM)
Barbhag	6094	905	39.14	39.14	5.81	33.33
Barkhetri	43386	11,728.00	278.65	278.65	75.32	203.33
BorigogBanbhag	12846	1,390.00	82.50	82.50	8.93	73.58
Madhupur	7042	1,085.00	45.23	45.23	6.97	38.26
PaschimNalbari	12784	1,243.00	82.11	82.11	7.98	74.12
Pub Nalbari	11335	1,082.00	72.80	72.80	6.95	65.85
Tihu	9744	1,301.00	62.58	62.58	8.36	54.23
Total	**103231**	**18,734.00**	**663.01**	**663.01**	**120.32**	**542.69**

Water potential required has been derived from water required by crops cultivated under rainfed conditions. Therefore, the existing water potential represents the water requirement of crops cultivated in irrigated areas.

It can be concluded from the table that a total water potential of 542.69 MCM is to be created in the district to fulfill the requirement of crops.

4.3 Livestock Water Requirement

The requirement of water by livestock in the district has been derived from livestock census 2003 & 20012.

Data from the above mentioned sources have been considered to arrive at the growth rate of livestock of the district. As per Census 2003 and 2012, the district has shown the following annual growth rates.

Table 4.3(a): Livestock water requirement

Livestock category	Annual Growth rate
Poultry	-1.1%*
Cows	-1.3%*
Buffalo	0.3%
Sheep	-5.7%*
Goat	1.3%
Pigs	- 3.6%*
Ducks	-1.1%*

Source: Livestock Census 2003& 2012
****Negative annual growth rates were considered to be 0***

Table 4.3.2 below indicates the block-wise livestock population of the district. Projected livestock population (in 2020) has been calculated by assuming the annual growth rates from table 4.3.1 over a period of eight years (from 2012-2016).

Based on the projected water requirement for livestock in 2020, the gap has been assessed. The total potential which has to be created for livestock in 2020 is 0.038 MCM. This has been assessed on the terms of the following:

- Per capital daily water requirement for cows/buffaloes 65 litres, sheep/goats/pigs 6 litres and Poultry 0.25 liters.
- For projecting the water demand of livestock, growth rate as deduced from census has been considered during calculations. In case of livestock with decreasing growth rate of population, the present population has been considered. It is assumed that present water requirement of livestock is met from existing water usage and hence existing potential is equal to existing demand.

As observed above, the potential to be created for meeting the water demand for livestock is slightly more than existing potential.

Table 4.3(b): Livestock water requirement

Block	Total number of live stock	Present water demand (MCM)	Water demand in 2020 (MCM)	Existing Water potential (MCM)	Water potential to be created (MCM)
Barbhag	59277	0.28	0.81	0.28	0.007
Barkhetri	251928	1.87	1.06	1.87	0.005
BorigogBanbhag	177455	0.90	1.88	0.90	0.012
Madhupur	51101	0.36	0.29	0.36	0.004
PaschimNalbari	101057	1.06	0.90	1.06	0.005
Pub Nalbari	230514	0.80	0.61	0.80	0.003
Tihu	77168	0.61	0.36	0.61	0.003
Total	**859273**	**5.87**	**5.90**	**5.87**	**0.038**

4.4 Industrial Water Requirement

No medium or large industry exist in the district and hence the industrial water deman is based on water consumption from small service sector units such as hotels, MSMEs, Nursing homes etc. The total yearly water demand from such units in the district comes out to be 0.0814 MCM

Table 4.4: Industrial water requirement

Block wise demand of water for industrial activiites for Nalbari District			
Sr. No.	**Name of the Block**	**Demand for water (MCM))**	**Remarks**
1	Pub-Nalbari	0.0449	
2	BorigogBanbhag	0.0037	
3	Barbhag	0.0037	
4	PachimNalbari	0.0073	
5	Madhupur	0.0037	
6	Barkhetri	0.0073	
7	Tihu	0.0110	
Total		**0.0814**	

Source: DIC, Nalbari

4.5 Water Demand Power Generation

Power is not generated in the district and hence, water requirement has been indicated to be zero. The power requirement of district is met through common grid system of the state.

Table 4.5 Water demand for power generation

Block	Power requirement, MW	Water demand (BCM)	Water demand in 2020 (BCM)	Existing Water potential (BCM)	Water potential to be created (BCM)
Barbhag	Nil				
Barkhetri	Nil				
BorigogBanbhag	Nil				
Madhupur	Nil				
PaschimNalbari	Nil				
Pub Nalbari	Nil				
Tihu	Nil				

4.6 Total Water Demand of the district for various sectors

This section presents the total water demand of the district and has been calculated by summing up all major sectors consuming water. The current water demand has been indicated in Table 4.6(a) and the projected water demand has been depicted in Table 4.6 (b).

Table 4.6(a)Totalsector wise present water demand

Total Water Demand of the district for Various sectors							
S. No.	Block	Components					Total, MCM
		Domestic	Crop	Livestock	Industrial	Power Generation	
1	Barbhag	1.64	39.14	0.28	0.004	Nil	41.06
2	Barkhetri	5.17	278.65	1.87	0.007	Nil	285.70
3	BorigogBanbhag	2.70	82.50	0.90	0.004	Nil	86.10
4	Madhupur	1.30	45.23	0.36	0.004	Nil	46.89
5	PaschimNalbari	3.85	82.11	1.06	0.007	Nil	87.03
6	Pub Nalbari	5.26	72.80	0.80	0.045	Nil	78.91
7	Tihu	4.32	62.58	0.61	0.011	Nil	67.52
Total		**24.24**	**663.01**	**5.87**	**0.081**	**0**	**693.21**

Table 4.6(b)Total sector wise projected(2020) water demand

Total Water Demand of the district for Various sectors							
S. No.	Block	Components					Total, BCM
		Domestic	Crop	Livestock	Industrial	Power Generation	
1	Barbhag	1.82	39.14	0.81	0.004	Nil	41.77
2	Barkhetri	5.72	278.65	1.06	0.007	Nil	285.44
3	BorigogBanbhag	2.99	82.50	1.88	0.004	Nil	87.37
4	Madhupur	1.44	45.23	0.29	0.004	Nil	46.96
5	PaschimNalbari	4.26	82.11	0.90	0.007	Nil	87.28
6	Pub Nalbari	5.82	72.80	0.61	0.045	Nil	79.28
7	Tihu	4.78	62.58	0.36	0.011	Nil	67.73
Total		**26.83**	**663.01**	**5.90**	**0.081**	**0**	**695.83**

4.7 Water budget

Water budget reflects the relationship between input and output of water through aregion. Thus we have a direct comparison of supply of water and the natural demand forwater.The following data provides current water gap and projected water gap for the year2020.

Table 4.7: Water Budget

Water Budget						
Name of Blocks	Existing water availability (BCM)		Water Demand (BCM)		Water Gap (BCM)	
	Surface water	Ground water	Present	Projected (2020)	Present	Projected (2020)
Barbhag	0.00773		0.04106	0.04177	0.03333	0.03351
Barkhetri	0.08237		0.2857	0.28544	0.20333	0.20389
BorigogBanbhag	0.01252		0.0861	0.08737	0.07358	0.07388
Madhupur	0.00863		0.04689	0.04696	0.03826	0.0384
PaschimNalbari	0.01291		0.08703	0.08728	0.07412	0.07454
Pub Nalbari	0.01306		0.07891	0.07928	0.06585	0.06641
Tihu	0.01329		0.06752	0.06773	0.05423	0.05469
Total	**0.15051**		**0.69321**	**0.69583**	**0.54269**	**0.54532**

Figure 4.6(a): PresentWater Demand &Gap

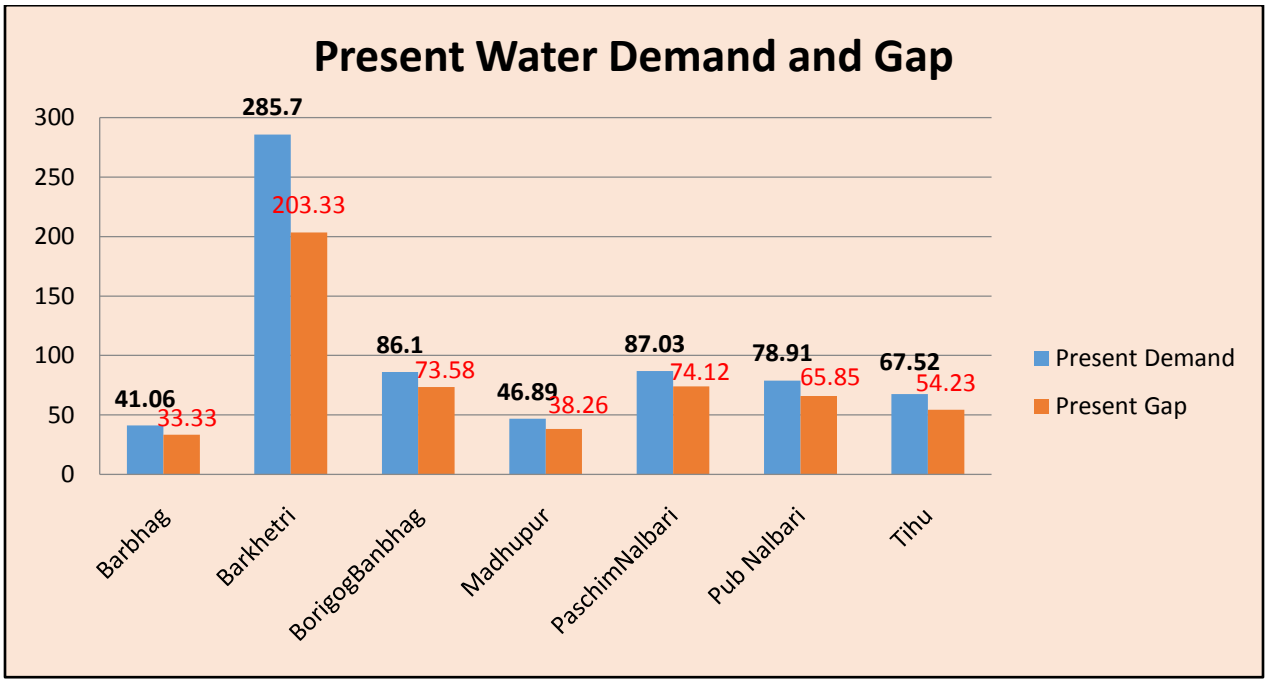
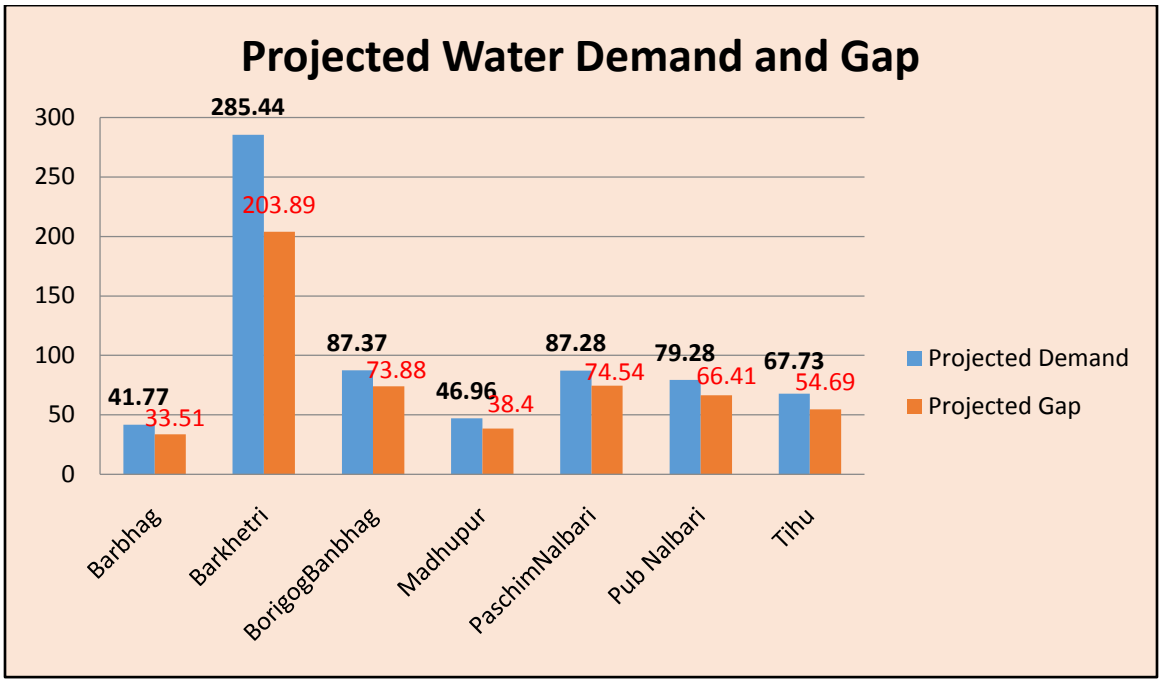


Figure 4.6(b): Projected Water Demand & Gap



Chapter 5

Strategic Action Plan for Irrigation

The vision of the scheme PMKSY is to ensure access to some means of protective irrigation to all agricultural farms in the country, to increase water use efficiency by its 'per drop more crop' subcomponent, thus bringing much desired rural prosperity. The need of the hour is to have well managed watershed resources which not only enhances the ecological resource base of a rural economy but will also create sustainable livelihood opportunity.

5.1 Strategic Plan for irrigation in PMKSY

At present, the schemes implemented by all the departments are broadly based and are required to be specific and location/ problem based. A systematic integrated approach having full participation of the users in the planning process is the need of the hour and extension facilitation should be inter-disciplinary. On the basis of methodology described above, a strategic plan for four years has been prepared starting from 2016-17 to 2019-20.

The schemes have been prepared by the proper consultation with the actual beneficiaries. The plan in brief is detailed below.

5.1.1 Department wise total Plan of the district

Estimated plan for whole district under the scheme for five years works out to be Rs.742.99 crores. Irrigation accounts for the maximum share of about Rs. 643.24 crores (86.8%) and is followed by Agriculture Department with a budget of Rs. 53.65 crores (7.1%) while Soil Conservation has a share of 6.1% which amounts to Rs 46.10 crores. While working out the plan, phasing of ongoing irrigation projects has been considered. However, from the proposal of departments, eligible activities under RIDF will be covered as per the funds requirement of the State. Capacity building, extension and training are important components for successful execution of the plan. Department wise plan for 2016-17, 2017-18, 2018-19 and 2019-20 has been proposed

Table 5.2: Department-wise plan

Department wise Plan	Irrigation		Agriculture		Soil Conservation		Total	
	No. of Schemes	Amount (INR Lakhs)	No. of Schemes	Amount	No. of Schemes	Amount (INR Lakhs)	No. of Schemes	Amount (INR Lakhs)
Total	**838**	**64324.37**	**5437**	**5364.8**	**1017**	**4610.7**	**7286**	**74299.87**

Source: Department of Agriculture, Irrigation & Soil Conservation

5.2 Component-wise Plan

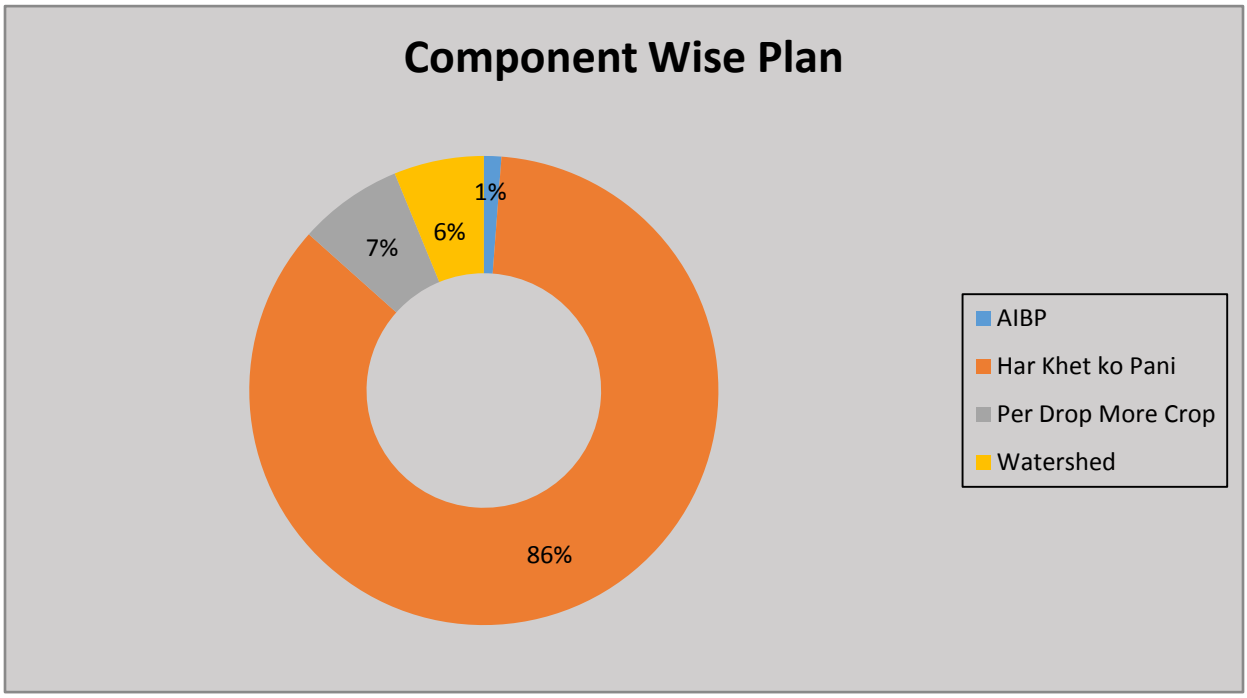
The plan is prepared component wise also. Table 5.3 shows component wise plan for 4 years starting from 2016-17 to 2019-20. AIBP component has to be executed mainly by Irrigation and Public Health Department and includes major, medium and surface minor irrigation projects but no project has been proposed under this scheme for the district. Her Khet ko Pani will also be executed by the Irrigation Department while the Per Drop More Crop components will be executed by Agriculture/Horticulture department mainly. Watershed component will be taken care of by the Soil Conservation and Rural Development Department. Extension & training component will be executed by ATMA. Since Agriculture Department has also proposed plan under PMKSY watershed, it has to coordinate with the Rural Development Department. However, all the stakeholders need to have coordination among themselves to have the maximum irrigation efficiency and to avoid duplicity. Figure 5.2 is the graphical representation of various components of PMKSY. It is observed that maximum share of 85.4% is for Har Khet Ko Pani followed by Per Drop More Crop 7.2%, Watershed (6.2%) and AIBP (1.2%).

Table 5.3: Component-wise plan (Amount in INR Lakhs)

Block	AIBP	Har Khet ko Pani	Per Drop More Crop	Watershed
Barbhag	0	4975	594.6	571.13
Barkhetri	0	12495.31	1812.34	713.4
Borigog Banbhag	0	7455	1128.72	964.17
Madhupur	300	7491.40	346.56	1045.08
Paschim Nalbari	34.9	12140.00	461.62	495.93
Pub Nalbari	288.71	10435.10	680	414.01
Tihu	233.95	8475.00	340.96	406.98
Total	**857.56**	**63466.81**	**5364.8**	**4610.7**

Source: Department of Agriculture, Nalbari

Figure 5.3: Component-wise plan



5.2.1 Block-wise Plan under PMKSY

Out of the total plan of 742.99 crores, 20.2% is pertaining to Barkheti while Paschim Nalbari block has a share of 17.7%. The share of Pub Nalbari is to the tune of 15.9% in total plan. Table below describes block and department wise share in plan.

Table 5.4(a): Block wise Cost plan under PMKSY

Department wise Block level estimation (Amount in INR Lakhs)				
Block	**Irrigation**	**Agriculture**	**Soil Conservation**	**Total**
Barbhag	4975	594.6	571.13	6140.73
Barkhetri	12495.31	1812.34	713.4	15021.05
Borigog Banbhag	7455	1128.72	964.17	9547.89
Madhupur	7791.4	346.56	1045.08	9183.04
PaschimNalbari	12174.9	461.62	495.93	13132.45
Pub Nalbari	10723.81	680	414.01	11817.82
Tihu	8708.95	340.96	406.98	9456.89
Total	**64324.37**	**5364.8**	**4610.7**	**74299.87**

Source: Department of Agriculture, Irrigation and Soil Conservation, Nalbari

Figure 5.4: Block-wise share in plan

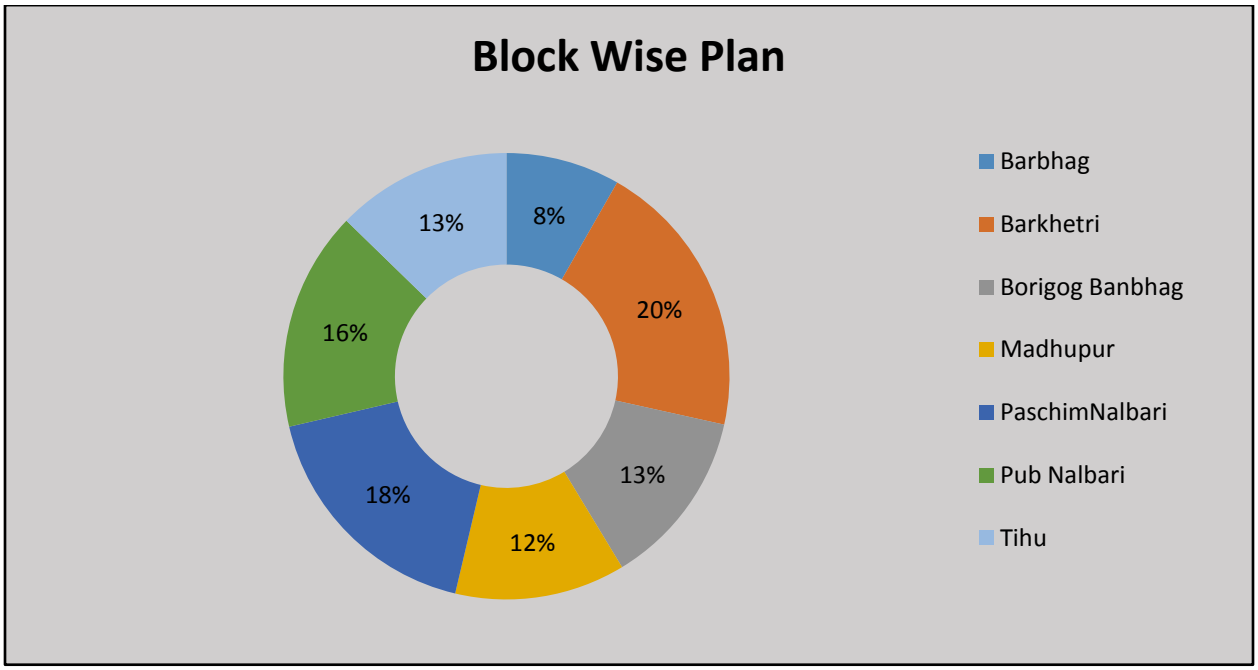


Table 14(b): Block wise Command Area plan under PMKSY

Department wise Block level estimation (Command Area in ha)				
Block	**Irrigation**	**Agriculture**	**Soil Conservation**	**Total**
Barbhag	1990	1146	4735.1	7871.1
Barkhetri	5020	4028	5724.3	14772.3
Borigog Banbhag	2982	2365	8006.3	13353.3
Madhupur	3236	680	8448.3	12364.3
PaschimNalbari	4936	811	4041.49	9788.49
Pub Nalbari	5000	1013	3276.6	9289.6
Tihu	3905	632	3302.6	7839.6
Total	**27069**	**10675**	**37534.69**	**75278.69**

Source: Department of Agriculture, Irrigation and Soil Conservation, Nalbari

5.3 Suggestions

For successful implementation of PMKSY plan it is suggested that:

- All the stakeholders should convene meeting of Panchayat Samities and then finalize the village plan and prepare DPR.
- There should not be any duplicity of project.
- The Department should supplement each other so that the maximum irrigation efficiency is achieved.

- Agriculture and Horticulture Department should take micro irrigation projects in the command of minor irrigation projects which are either completed or likely to be completed in near future.
- All the irrigation projects should have a component of water conveyance so that the each drop of water is judiciously utilized.
- Where ever feasible, solar pumpsets should be installed.
- All the structures planned should be geo tagged and marked on map, so that social monitoring of the projects can be conducted. This will also avoid the duplicity.
- Priority should be given to projects to minimize the gap in potential created and potential utilized.
- Wherever sites with low head LIS have already been exhausted, higher per hectare norms should be allowed.
- Execution of the scheme should be expeditiously completed.
- There should be smooth fund flow for timely completion of the project and to avoid cost escalation.

5.4 Expected Outcome

As stated above in earlier chapters gross sown area of the district is 1,03,231hectare of which 18,734 hectare is irrigated. Thus there is a gap of 84,497 hectare which can be converted from rainfed to area under assured irrigation. As the water requirement of crops for the existing cropping pattern works out to be 663.01 MCM and if the gross cropped area is to be brought under irrigated area, 542.69 MCM water is required. Though the water (surface and ground water) is available in the district yet it will not be feasible to create irrigation potential to the extent of 100% as the construction of irrigation project may not be economically viable even if it is technically feasible. In hilly area due to tough terrain, high head, small and fragmented land holdings, per hectare cost may be very high. Moreover it may not be feasible to develop all the sources within a short spell of four years for which the plan is being prepared.

Keeping in view the above constraints a plan to develop irrigation potential of **75278.69** ha has been proposed. It is proposed to create irrigation potential by installing new lift irrigation and flow irrigation schemes tapping surface water and installation of tube wells and bore wells where ground water is available. Besides, water Harvesting structures have also been proposed which will harvest rainwater as also spring water.

Potential of **27069** hectare is proposed to be created by Irrigation department by installing DTWs, open wells, FIS, revival of existing water structures etc. Department of Agriculture has proposed to create and irrigation potential of **10675** hectare. STW, Solar pump sets, Sprinkler and drip irrigation schemes have been proposed by the department. On completion of these projects, it is expected that an additional irrigation potential will be created due to saving of water through adoption of water saving methods of irrigation.

Soil Conservation Department has proposed to create an irrigation potential of **37534.69** hectare which is around 49.4% of the total potential proposed to be created.

The scheme also includes convergence with MGNREGS for creation of water sources to full potential in identified backward rainfed blocks including renovation of traditional water bodies, creation of new water conservation and water harvesting structures, irrigation canals and drains, land development, etc but the plan of convergence schemes has not been prepared as there were no such convergence scheme going on in the district as of date.

ANNEXURES

ANNEXURE – 1: Block Wise Strategic Action Plan for Irrigation Department under PMKSY

Name of the Development Block: - Pub Nalbari

Name of Development Block	Name of GP	Name of Village	Activity	Physical	Capacity of proposed structure(cub.M)	Irrigation Potential (Ha)	Period of implementation(year) and estimated cost(Lakhs)	Remarks
Pub Nalbari	1 No Khata	Barkhanajan	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Gobindapur	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Jajiabari	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Katahkuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Kendukuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Khat Katra	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Khudra Chenikuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Khudra Pipalia	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Sahpur	DTW	2	0.112	60	1 year and Rs. 150.00 L	
	2 No Khata	Balikuchi	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Balilecha	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Barmurikona	DTW	4	0.224	120	2 year and Rs. 300.00 L	
		Kardoitola	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Namdonga	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Tantra Sankara	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Terechia	DTW	4	0.224	120	2 year and Rs.300.00 L	
	3 No Khata	Balakuchi	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Bar Chenikuchi	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Guwakuchi	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Paikarkuchi	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Porakuchi	DTW	2	0.112	60	1 year and Rs.150.00 L	
		Sandha	DTW	3	0.168	90	2 year and Rs.225.00 L	

Pub Nalbari	3 No Khata		Revival of Defunct Scheme	1	0.056	30	1 year and Rs.75.00 L	
		Kairara	DTW	2	0.112	60	1 year and Rs.150.00 L	
	4 No Khata	Digheli	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Jaymongla	DTW	2	0.112	60	1 year and Rs.150.00 L	
	5 No Pub Batahgila	Bar Agra	DTW	3	0.168	90	2 year and Rs.225.00 L	
		Bhuyarkuchi	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Chengnoi	DTW	7	0.392	210	3 year and Rs.525.00 L	
		Dhantala	DTW	3	0.168	90	2 year and Rs.225.00 L	
		Katla Barkuchi	DTW	3	0.168	90	2 year and Rs.225.00 L	
		Khudra Katla Barkuchi	DTW	4	0.224	120	2 year and Rs.300.00 L	
		Mairadonga	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Namati	DTW	5	0.28	150	2 year and Rs.375.00 L	
	6 No Paschim Batahghila	Balikaria	DTW	3	0.168	90	2 year and Rs.225.00 L	
		Bardhantoli	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Barsarkuchi	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Sariahtali	DTW	3	0.168	90	2 year and Rs.225.00 L	
			Ongoing Scheme	1	0.056	30	1 year and Rs.10.10 L	SCSP 2013-14
	7 No Pub Bahjani	Alengidal	DTW	3	0.168	90	2 year and Rs.225.00 L	
		Amayapur	DTW	2	0.112	60	1 year and Rs.150.00 L	
		Arara	DTW	2	0.112	60	1 year and Rs.150.00 L	
		Mugkuchi	DTW	3	0.168	90	2 year and Rs.225.00 L	
			Revival of Defunct Scheme	5	0.28	150	2 year and Rs.375.00 L	
		Nandagaon	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Tilana	DTW	1	0.056	30	1 year and Rs.75.00 L	

Pub Nalbari	8 No Uttar Bahjani	Bar Azara	DTW	2	0.112	60	1 year and Rs.150.00 L	
		Chandakuchi	DTW	7	0.392	210	3 year and Rs.525.00 L	
		Dakhin Bezera	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Doukuchi	DTW	3	0.168	90	2 year and Rs.225.00 L	
		Janigog	DTW	4	0.224	120	2 year and Rs.300.00 L	
		Madan Mohan Sakhowa	DTW	1	0.056	30	1 year and Rs.75.00 L	
	9 No Madhya Bahjani	Budrukuchi	DTW	2	0.112	60	1 year and Rs.150.00 L	
		Khudra Sankara	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Niz Bahjani	DTW	2	0.112	60	1 year and Rs.150.00 L	
			Ongoing Scheme (Jaha Channel FIS)	1	1.512	800	2 year and Rs.288.71L	AIBP Scheme 2009-10
	10 No Dakhin Bahjani	Charia	DTW	2	0.112	60	1 year and Rs.150.00 L	
		Dehar Kalakuchi	DTW	3	0.168	90	2 year and Rs.225.00 L	
		Kumarikata	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Madhapur	DTW	2	0.112	60	1 year and Rs.150.00 L	
		Makaldaba	DTW	2	0.112	60	1 year and Rs.150.00 L	
		Pachim Khatar Kalakuchi	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Pub Kalakuchi	DTW	3	0.168	90	2 year and Rs.225.00 L	

Name of the Development Block: - 02) Barigog Banbhag

Name of Development Block	Name of GP	Name of Village	Activity	Physical	Capacity of proposed structure(cub.M)	Irrigation Potential (Ha)	Period of implementation(year) and estimated cost(Lakhs)	Remarks
Barigog	11 No	Barkhala	DTW	1	0.056	30	1 year and Rs. 75.00 L	

Banbhag	Deharkuchi 11 No Deharkuchi	Chatma	DTW	1	0.056	30	1 year and Rs. 75.00 L	
			Revival of Defunct Scheme	1	0.056	30	1 year and Rs. 75.00 L	
		Deharkuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Larma Batakuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Purna Daichapara	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	12 No Datara	Amara	DTW	1	0.056	30	1 year and Rs. 75.00 L	
			Open Well	1	0.008	2	1 year and Rs. 5.00 L	
		2 No Bardhanara	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Dhurkuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Guwakuchi	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Kundargaon	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Thanpatkuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
Barigog Banbhag	13 No Ghograpar	Baghmara	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Barjabrihati	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Bilpar	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Burburi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Chilling	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Katakiya	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Katuriya	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Kayajeni	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Kundargaon Jabrihati	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Narikuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		2 No Nimualatima	ELIS	1	0.168	80	1 year and Rs. 200.00 L	
		Niz Barigog	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Niz Khagta	DTW	1	0.056	30	1 year and Rs. 75.00 L	

	14 No Pub Banbhag	Akana	DTW	5	0.28	150	2 year and Rs. 375.00 L	
		Barajol	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Ghongarkuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Jabjabkuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	14 No Pub Banbhag	Majarbari	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Ponar Kauniya	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Rampur Azagara	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Sathamou	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	15 No Dihjari	Barbistupur	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Barghopa	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Dihjari	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Ghohkuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Hablakha	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Jugurkuchi Sripur	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Keherua	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Nilpur	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		2 No Sagarkuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		3 No Sagarkuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		4 No Sagarkuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	16 No Khatikuchi	Bhithamahal	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Dalbari Kaniha	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Panimazkuchi	DTW	4	0.224	120	2 year and Rs. 300.00 L	
		Pub Barsiral	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Sonkuriha	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	17 No Alliya	Arara	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Bangaon	DTW	2	0.112	60	1 year and Rs. 150.00 L	

	17 No Alliya	Baralkuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Choto Alliya	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Gargari	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Madhapur	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Namati	DTW	4	0.224	120	2 year and Rs. 300.00 L	
		Narayangaon	DTW	5	0.28	150	2 year and Rs. 375.00 L	
	18 No Balitara	1 No Balitara	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Hahdali	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Nagaon	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Naherbari	DTW	2	0.112	60	1 year and Rs. 150.00 L	
	19 No Chataibari	Bhelamari	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Dhamdhama	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Majusiral	ELIS	1	0.168	80	1 year and Rs. 200.00 L	
		Mohina	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Rangafali	DTW	1	0.056	30	1 year and Rs. 75.00 L	

Name of the Development Block: - 03) Paschim Nalbari

Name of Development Block	Name of GP	Name of Village	Activity	Physical	Capacity of proposed structure(cub.M)	Irrigation Potential (Ha)	Period of implementation(year) and estimated cost(Lakhs)	Remarks
Paschim Nalbari	20 No Pub Khetri Dharmapur	Piplibari	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Solmari	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	21 No Uttar Khetri Dharmapur	Amani	DTW					
			Ongoing Scheme	1	0.168	160	1 year and Rs. 34.90 L	AIBP SCHEME 2009-10
		Kathala	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Kendubari	DTW	1	0.056	30	1 year and Rs. 75.00 L	

Paschim Nalbari	21 No Uttar Khetri Dharmapur	Lakhopur	DTW	2	0.112	60	1 year and Rs. 150.00 L	
			Revival of Defunct Scheme	1	0.168	80	1 year and Rs. 200.00 L	
		Pakhura	DTW	2	0.112	60	1 year and Rs. 150.00 L	
	22 No Dakhin Khetri Dharmapur	Bori	DTW	6	0.336	180	3 year and Rs. 450.00 L	
		Dahudi	DTW	10	0.56	300	3 year and Rs. 750.00 L	
		Niz Tapa	DTW	8	0.448	240	3 year and Rs. 600.00 L	
		Thutikata	DTW	2	0.112	60	1 year and Rs. 150.00 L	
	23 No Paschim Khetri Dharmapur	Bar Helecha	DTW	15	0.84	450	4 year and Rs. 1125.00 L	
		Ghilazari	DTW	9	0.504	270	3 year and Rs. 675.00 L	
			Revival of Defunct Scheme	1	0.056	30	1 year and Rs. 75.00 L	
		Kaihati	DTW	7	0.392	210	3 year and Rs. 525.00 L	
		Khelua	DTW	12	0.672	360	3 year and Rs. 900.00 L	
		Sukekuchi	DTW	6	0.336	180	3 year and Rs. 450.00 L	
			Revival of Defunct Scheme	1	0.056	30	1 year and Rs. 75.00 L	
	24 No Dakhin Madhya Dharmapur	Chamata	DTW	3	0.168	90	3 year and Rs. 225.00 L	
			Revival of Defunct Scheme	5	0.28	150	2 year and Rs. 375.00 L	
		Gandhiya	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	25 No Rupiya Bathan	Khata Rupiya Bathan	DTW	2	0.112	60	1 year and Rs. 150.00 L	
	26 No Bangaon	Bangaon	DTW	2	0.112	60	1 year and Rs.150.00 L	
			Open Well	1	0.008	2	1 year and Rs. 5.00 L	
		Bihampur	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Simaliya	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	27 No Panigaon	Niz Pakowa	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Panigaon	DTW	2	0.112	60	1 year and Rs. 150.00 L	
			Open Well	2	0.112	60	1 year and Rs. 150.00 L	
		Santheli	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	28 No Barnarddi	Barnarddi	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Mohkhali	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	29(1) No Dakhin Pakowa	Barkhetri Barni	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Billeswar	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Nalicha	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	30(2) No Dakhin	Jagara	DTW	4	0.224	120	2 year and Rs. 300.00 L	
			Revival of	1	0.056	30	1 year and Rs.75.00 L	

Paschim Nalbari	Pakowa		Defunct Scheme					
	32(4) No Dakhin Pakowa	Bhairaghol	DTW	2	0.112	60	1 year and Rs.150.00 L	
		Dangardi	DTW	4	0.224	120	2 year and Rs.300.00 L	
		Dehar Balowa	DTW	2	0.112	60	1 year and Rs.150.00 L	
		Gangapur	DTW	7	0.392	210	3 year and Rs.525.00 L	
		Goalpara	DTW	2	0.112	60	1 year and Rs.150.00 L	
		Goalpara (Pt.)	DTW	3	0.168	90	2 year and Rs.225.00 L	
		Gadira	DTW	2	0.112	60	1 year and Rs.150.00 L	
		Khakhrisal	DTW	4	0.224	120	2 year and Rs.300.00 L	
		Kutnikuchi	DTW	5	0.28	150	2 year and Rs.375.00 L	
		Larkuchi	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Mohbiyani	DTW	5	0.28	150	2 year and Rs.375.00 L	
	33 No Belsor	Belsor	DTW	2	0.112	60	1 year and Rs.150.00 L	
	34 No Kakaya	Kakaya	DTW	2	0.112	60	1 year and Rs.150.00 L	
			Revival of Defunct Scheme	2	0.112	60	1 year and Rs.150.00 L	

Name of the Development Block: - 04) Madhupur Block

Name of Development Block	Name of GP	Name of Village	Activity	Physical	Capacity of proposed structure(cub.M)	Irrigation Potential (Ha)	Period of implementation(year) and estimated cost(Lakhs)	Remarks
Madhupur	35 No Paschim Dharmapur	Bechimari	DTW	6	0.336	180	2 year and Rs. 450.00 L	
		Kaithalkuchi	DTW	5	0.28	150	2 year and Rs.375.00 L	
			ELIS	1	0.168	80	1 year and Rs. 200.00 L	
		Nadla	DTW	6	0.336	180	2 year and Rs. 450.00 L	
		Sandheli	DTW	3	0.168	90	2 year and Rs. 225.00 L	
			ELIS	1	0.168	80	1 year and Rs. 200.00 L	
	36 No Pub Dharmapur	Gamarimuri	DTW	8	0.448	240	3 year and Rs. 600.00 L	
		Jowarddi	DTW	4	0.224	120	2 year and Rs. 300.00 L	
		Pahlongpara	DTW	2	0.112	60	1 year and Rs. 150.00 L	
	37 No Uttar Pub Dharmapur	Balizar	DTW	1	0.056	30	1 year and Rs. 75.00 L	
			Open Well	3	0.024	6	1 year and Rs. 15.00 L	
		Baushipara	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Khaliha-Bihampur	DTW	2	0.112	60	1 year and Rs. 150.00 L	

Madhupur			Open Well	2	0.112	60	1 year and Rs. 150.00 L	
		Fulguri Fulguri	DTW	4	0.224	120	2 year and Rs. 300.00 L	
			ELIS	1	0.168	80	1 year and Rs. 200.00 L	
			Open Well	3	0.024	6	1 year and Rs.15.00 L	
		Kharsitha	DTW	1	0.056	30	1 year and Rs.75.00 L	
			Open Well	2	0.016	4	1 year and Rs. 10.00 L	
		Khata Nambarbhag	DTW	2	0.112	60	1 year and Rs.150.00 L	
			Open Well	2	0.016	4	1 year and Rs. 10.00 L	
		Madhupur	DTW	1	0.056	30	1 year and Rs.75.00 L	
			Open Well	1	0.008	2	1 year and Rs.5.00 L	
		Mularkuchi	DTW	4	0.224	120	2 year and Rs.300.00 L	
			Open Well	2	0.016	4	1 year and Rs.10.00 L	
	38 No Paschim Natun Dehar	Banbhag Solmari	DTW	2	0.112	60	1 year and Rs.150.00 L	
		Bangnabari	DTW	1	0.056	30	1 year and Rs.75.00 L	
			Open Well	1	0.008	2	1 year and Rs.5.00 L	
		Kathalbari	DTW	4	0.224	120	2 year and Rs.300.00 L	
			Ongoing Scheme	1	0.056	30	1 year and Rs.44.00 L	**NABARD 2012-13**
		Khukhundi	DTW	3	0.168	90	2 year and Rs.225.00 L	
		Toumura	DTW	2	0.112	60	1 year and Rs.150.00 L	
	39 No Pub Natun Dehar	Kachimpur	DTW	1	0.056	30	1 year and Rs.75.00 L	
			Open Well	1	0.008	2	1 year and Rs.5.00 L	
		Kendukuchi	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Saplekuchi	DTW	2	0.112	60	1 year and Rs.150.00 L	
			Open Well	1	0.008	2	1 year and Rs.5.00 L	
	40 No Dakhin Natun Dehar	Barkhetri Banekuchi	DTW	2	0.112	60	1 year and Rs.150.00 L	
			FIS	1	0.224	120	2 year and Rs.300.00 L	
			Revival of Defunct Scheme	1	0.168	80	1 year and Rs.200.00 L	
			Ongoing Scheme	1	0.056	30	1 year and Rs.10.10 L	**AVY 2010-11**
		Barnagar Banekuchi	DTW	1	0.056	30	1 year and Rs 75.00 L	
		Burinagar	DTW	5	0.28	150	2 year and Rs.375.00 L	
			Ongoing Scheme	1	0.336	160	1 year and Rs.197.30 L	**NLCPR 2011-12**
		Danguapara	DTW	6	0.336	180	3 year and Rs.450.00 L	
		Niz Banekuchi	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Rajakhat Banekuchi	DTW	1	0.056	30	1 year and Rs.75.00 L	
			ELIS	1	0.168	80	1 year and Rs.200.00 L	

Name of the Development Block: - 05) Tihu Block

Name of Development Block	Name of GP	Name of Village	Activity	Physical	Capacity of proposed structure(cub.M)	Irrigation Potential (Ha)	Period of implementation(year) and estimated cost(Lakhs)	Remarks
Tihu	41 No Makhibaha	Bar Makhibaha	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Khudra Makhibaha	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Saktipar	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	42 No Jalkhana Bhatuakhana	Bhathuakhana	DTW	1	0.056	30	1 year and Rs. 75.00 L	
			ELIS	1	0.168	80	1 year and Rs. 200.00 L	
		Jalkhana	DTW	6	0.336	180	3 year and Rs. 450.00 L	
		Niz Khana	ELIS	1	0.168	80	1 year and Rs. 200.00 L	
		Parmankhowa	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	43 No Mathurapur	Barbari	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Bargaon	DTW	2	0.112	60	1 year and Rs. 150.00 L	
			Revival of Defunct Scheme	1	0.056	30	1 year and Rs. 75.00 L	
		Mathurapur	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Nakhara	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Piplibari	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Ranakuchi	DTW	4	0.224	120	2 year and Rs. 300.00 L	
			Ongoing Scheme (Nakuchi FIS)	1	1.008	515	2 year and Rs. 233.95 L	**AIBP SCHEME**
		Ratanpur	DTW	3	0.168	90	2 year and Rs. 225.00 L	
	44 No Nathkuchi	Bamunbari	DTW	4	0.224	120	2 year and Rs. 300.00 L	
			Revival of Defunct Scheme	1	0.168	80	1 year and Rs. 200.00 L	
		Bhurkuchi	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Daloigaon	DTW	2	0.112	60	1 year and Rs. 150.00 L	
			ELIS	1	0.168	80	1 year and Rs. 200.00 L	
		Niz Namati	DTW	6	0.336	180	3 year and Rs. 450.00 L	
		1 No Nathkuchi	DTW	4	0.224	120	2 year and Rs. 300.00 L	
		2 No Nathkuchi	DTW	3	0.168	90	2 year and Rs. 225.00 L	
	45 No Paschim Nambarbhag	Bali	DTW	2	0.112	60	1 year and Rs. 150.00 L	
			ELIS	1	0.168	80	1 year and Rs. 200.00 L	
		Bhojkuchi	DTW	5	0.28	150	2 year and Rs. 375.00 L	
			ELIS	1	0.168	80	1 year and Rs. 200.00 L	
		Haribhanga	DTW	3	0.168	90	2 year and Rs. 225.00 L	
	46 No Pub Nambarbhag	Akhara	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Bakuajari	DTW	2	0.112	60	1 year and Rs. 150.00 L	

		Barbhagjari	DTW	1	0.056	30	1 year and Rs. 75.00 L	
			ELIS	2	0.336	160	2 year and Rs. 400.00 L	
		Barjhar	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Dahkounia	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Dipta	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Gobradal	DTW	2	0.112	60	1 year and Rs. 225.00 L	
			ELIS	1	0.168	80	1 year and Rs. 200.00 L	
		Sathikuchi	DTW	4	0.224	120	2 year and Rs. 300.00 L	
		Suradi	DTW	6	0.336	180	3 year and Rs. 450.00 L	
			Ongoing Scheme	1	0.056	30	1 year and Rs. 75.00 L	**NABARD 2012-13**

Name of the Development Block: - 06) Barbhag Block

Name of Development Block	Name of GP	Name of Village	Activity	Physical	Capacity of proposed structure(cub.M)	Irrigation Potential (Ha)	Period of implementation(year) and estimated cost(Lakhs)	Remarks
Barbhag	47(1) No Upar Barbhag 47(1) No Upar Barbhag	Bajali Udaypur	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Bangalmur	ELIS	1	0.168	80	1 year and Rs. 200.00 L	
		Bari Datara	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Khudra Kulhati	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Nanoi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Ranakuchi	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Bangnabari	DTW	1	0.056	30	1 year and Rs.75.00 L	
		Sonkani	DTW	2	0.112	60	1 year and Rs. 150.00 L	
	48(2) No Upar Barbhag	Kalag	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Katalkuchi	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Pandula	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Ukhura	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Dokoha	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Kamarkuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Nakheti	DTW	2	0.112	60	1 year and Rs. 150.00 L	
	49(3) No Upar Barbhag	Raitkuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	50(4) No Upar Barbhag	Bezkuchi	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Bihdia	DTW	2	0.112	60	1 year and Rs. 150.00 L	
			ELIS	1	0.168	80	1 year and Rs. 200.00 L	
		Jugurbari	DTW	1	0.056	30	1 year and Rs. 75.00 L	

		Kahikuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Karia	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Bala	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Katpuha	DTW	4	0.224	120	2 year and Rs. 300.00 L	
			Revival of Defunct Scheme (ELIS)	1	0.056	30	1 year and Rs. 75.00 L	
	51(5) No Upar Barbhag	Arikuchi	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Marowa	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Tarmatha	DTW	3	0.168	90	2 year and Rs. 225.00 L	
	52(6) No Upar Barbhag	Barkuriha	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Porakuchi	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Simaliya	ELIS	1	0.056	30	1 year and Rs. 75.00 L	
		2 No Sonkuriha	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Barbukia	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Bargacha	DTW	2	0.112	60	1 year and Rs. 150.00 L	
	53 No Sanekuchi	Barsimaliya	DTW	2	0.112	60	1 year and Rs. 150.00 L	

Name of the Development Block: - 07) Barkhetri Block

Name of Development Block	Name of GP	Name of Village	Activity	Physical	Capacity of proposed structure(cub.M)	Irrigation Potential (Ha)	Period of implementation(year) and estimated cost(Lakhs)	Remarks
	54 No Kekankuchi Kaplabari	Bamundittari	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Banpura	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Damdama Pathar	DTW	2	0.112	60	1 year and Rs. 150.00 L	
			Revival of Defunct Scheme	3	0.168	90	1 year and Rs. 225.00 L	
		Kaldi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		1 No Kaplabari	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		2 No Kaplabari	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		1 No Kekankuchi	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		2 No Kekankuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		1 No Narua	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Rowmari Damdama	DTW	2	0.112	60	1 year and Rs. 150.00 L	

Barkhetri	55 No Barnibari Naptipara	Ahata	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Bakri Kuchi	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Barnibari	DTW	2	0.112	60	1 year and Rs. 150.00 L	
			Revival of Defunct Scheme	6	0.336	180	2 year and Rs. 450.00 L	
			Ongoing Scheme	1	0.056	30	1 year and Rs. 20.31 L	**SCSP 2013-14**
		Dirua	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Naptipara	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Paikan Bonmaza	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Paikan Dirua	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	56 No Mugdi Rampur	Amrattari	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Bamun Angardi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Bamunbari	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Garia Angardi	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		1 No Ghorathal	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		2 No Ghorathal	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Khudra Chinadi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Mugdi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Mulaghata	DTW	3	0.168	90	1 year and Rs. 225.00 L	
		2 No Narua	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Rampur	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Sidalkuchi Lachima	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Damal	DTW	2	0.112	60	1 year and Rs. 150.00 L	
	57 No Daulashal Larkuchi	Belbeli	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		1 No Daulashal	DTW	3	0.168	90	2 year and Rs. 225.00 L	
			Revival of Defunct Scheme	3	0.168	90	2 year and Rs. 225.00 L	
		2 No Daulashal	DTW	1	0.056	30	1 year and Rs. 75.00 L	
			Revival of Defunct Scheme	1	0.056	30	1 year and Rs. 75.00 L	
		Khagrakati	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		2 No Larkuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		3 No Larkuchi	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Madhya Kazia	DTW	2	0.112	60	1 year and Rs. 150.00 L	
	58 No Jaysagar Bartala	1 No Bartola	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		2 No Bartola	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Bhelakhaiti	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Chanda	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Jaysagar	DTW	4	0.224	120	2 year and Rs. 300.00 L	

Barkhetri		Tegheriattari	DTW	4	0.224	120	2 year and Rs. 300.00 L	
		2 No Bhelengimari	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		3 No Bhelengimari	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	59 No Mukalmua Narayanpur	Howlighat	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Mukalmua	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Sapkata	DTW	2	0.112	60	1 year and Rs. 150.00 L	
	60 No Kandhbari Dagapara	Bardhap	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Dagapara	DTW	3	0.168	90	2 year and Rs. 225.00 L	
		Baitha Bhanga	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Darangipara	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		1 No Kandhbari	DTW	2	0.112	60	1 year and Rs. 150.00 L	
			ELIS	1	0.168	80	1 year and Rs. 200.00 L	
		2 No Kandhbari	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		3 No Kandhbari	DTW	2	0.112	60	1 year and Rs. 150.00 L	
	61 No Ghoga	Badani Akhiya	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		1 No Balattari	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Ghoga	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		2 No Ghoga	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Kaorekhaiti	DTW					
		Lawtola	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Puran Akhiya	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Satemari	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Hamlakur	DTW	2	0.112	60	1 year and Rs. 150.00 L	
	62 No Loharkatha Adabari	Adabari	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Pub Adabari	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Saiikiapara	ELIS	1	0.168	80	1 year and Rs. 200.00 L	
		Burlitpar (E)	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Burlitpar (W)	DTW					
		Chakirghat	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Goldighala	DTW	4	0.224	120	2 year and Rs. 300.00 L	
		Hanapara (E)	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		Hanapara (W)	DTW	1	0.056	30	1 year and Rs. 75.00 L	
Barkhetri		Loharkatha	DTW	4	0.224	120	2 year and Rs. 300.00 L	
		2 No Loharkatha	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Sungarbari	DTW	2	0.112	60	1 year and Rs. 150.00 L	
		Sutarkuchi	DTW	4	0.224	120	1 year and Rs. 300.00 L	
	63 No Kalarchar	Lawtolipara	DTW	1	0.056	30	1 year and Rs. 75.00 L	
	64 No Bhangnamari	Bhangnamari	DTW	3	0.168	90	2 year and Rs. 225.00 L	
	65 No	Barsulia	DTW	2	0.112	60	1 year and Rs. 150.00 L	

	Kurihamari Barsulia	Kurihamari	DTW	4	0.224	120	2 year and Rs. 300.00 L	
		Sarusulia	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		3 No Barbala	DTW	1	0.056	30	1 year and Rs. 75.00 L	
		5 No Barbala	DTW	1	0.056	30	1 year and Rs. 75.00 L	

ANNEXURE – 2: Block Wise Strategic Action Plan for Agriculture Department under PMKSY

1. Name of Block: Pub Nalbari

Name of Development Block	Name of GP	Name of Village	Agriculture Department			
			Activity	Physical	Irrigation Potential	Cost
Pub Nalbari	1 No Khata	Barkhanajan	Solar Power Pumpset	1	2	5
		Barpipalia	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
		Bhutkatra	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
		Bistupur	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
		Dehar Katra	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
		Gobindapur	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
		Jajiabari	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Jamtola	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Katahkuchi	Solar Power Pumpset	1	2	5
		Kendukuchi	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
			Drip Irrigation	1	1	1
			Sprinkler	1	1	0.74
		Khat Katra	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Khudra Chenikuchi	STW	14	28	8.4
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Khudra Pipalia	Solar Power Pumpset	1	2	5
		Nankarbhaira	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
		Sahpur	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
	2 No Khata	Balikuchi	Solar Power Pumpset	1	2	5
		Balilecha	Solar Power Pumpset	1	2	5
			Drip Irrigation	1	1	1

			Sprinkler	1	1	0.74
		Barmurikona	Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Dhamdhama	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Kardoitola	STW	5	10	3
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Namdonga	Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Pajipar	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
		Parowa	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Tantra Sankara	STW	5	10	3
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Terechia	Solar Power Pumpset	1	2	5
	3 No Khata	Balakuchi	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Bar Chenikuchi	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
		Guwakuchi	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Paikarkuchi	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Paila	Solar Power Pumpset	1	2	5
		Porakuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Sandha	STW	20	40	12
			Solar Power Pumpset	1	2	5
		Kairara	Solar Power Pumpset	1	2	5
	4 No Khata	Balikaria Kharjara	STW	2	4	1.2
			Solar Power Pumpset	2	4	10
		Digheli	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
		Japarkuchi	Solar Power Pumpset	1	2	5
		Jaymongla	STW	4	8	2.4

			Solar Power Pumpset	1	2	5
			Drip Irrigation	1	1	1
		Khudra Sankara	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Majdia	STW	2	4	1.2
			Solar Power Pumpset	1	2	5
		Nalbari Gaon	Solar Power Pumpset	1	2	5
	5 No Pub Batahgila	Bar Agra	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
		Bhuyarkuchi	STW	3	6	1.8
			Solar Power Pumpset	1	2	5
		Chengnoi	Solar Power Pumpset	1	2	5
		Dhantala	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Garemara	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Katla Barkuchi	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Khudra Katra	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Khudra Katla Barkuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Mairadonga	STW	5	10	3
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Namati	STW	20	40	12
			Solar Power Pumpset	1	2	5
		Niz Batahgila	STW	3	6	1.8
			Solar Power Pumpset	1	2	5
		Pitnipara	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
	6 No Paschim Batahghila	Balikaria	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
		Bardhantoli	STW	2	4	1.2
			Solar Power Pumpset	1	2	5
		Barkura	STW	2	4	1.2
			Solar Power Pumpset	1	2	5
		Barsarkuchi	STW	2	4	1.2
			Solar Power Pumpset	1	2	5

	Dhekiabari	STW	2	4	1.2
		Solar Power Pumpset	1	2	5
	Haripur	STW	5	10	3
		Solar Power Pumpset	1	2	5
	Sariahtali	Solar Power Pumpset	1	2	5
7 No Pub Bahjani	Alengidal	Solar Power Pumpset	1	2	5
	Amayapur	STW	2	4	1.2
		Solar Power Pumpset	1	2	5
	Arara	STW	4	8	2.4
		Solar Power Pumpset	1	2	5
	Bhadra	STW	8	16	4.8
		Solar Power Pumpset	1	2	5
	Mugkuchi	STW	2	4	1.2
		Solar Power Pumpset	1	2	5
	Nandagaon	Solar Power Pumpset	1	2	5
	Tilana	STW	3	6	1.8
		Solar Power Pumpset	1	2	5
8 No Uttar Bahjani	Bar Azara	Solar Power Pumpset	1	2	5
	Chandakuchi	STW	6	12	3.6
		Solar Power Pumpset	1	2	5
	Dakhin Bezera	Solar Power Pumpset	1	2	5
	Doukuchi	Solar Power Pumpset	1	2	5
	Janigog	STW	6	12	3.6
		Solar Power Pumpset	1	2	5
		Sprinkler	1	1	0.74
	Madan Mohan Sakhowa	Solar Power Pumpset	1	2	5
9 No Madhya Bahjani	Budrukuchi	STW	5	10	3
		Solar Power Pumpset	1	2	5
	Khudra Sankara	STW	6	12	3.6
		Solar Power Pumpset	1	2	5
	Niz Bahjani	STW	10	20	6
		Solar Power Pumpset	1	2	5
10 No Dakhin Bahjani	Charia	STW	5	10	3
		Solar Power Pumpset	1	2	5
	Cherabari	STW	6	12	3.6
		Solar Power Pumpset	1	2	5
	Dehar Kalakuchi	STW	10	20	6
		Solar Power Pumpset	1	2	5

		Jaha	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Kumarikata	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Madhapur	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Makaldaba	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
		Pachim Khatar Kalakuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Pub Kalakuchi	STW	6	12	3.6
			Solar Power Pumpset	1	2	5

2. Name of Block: Barigog Banbhag

Name of Development Block	Name of The GP	Name of the Village	Agriculture Department			
			Activity	Physical	Irrigation Potential	Cost
Barigog Banbhag	11 No Deharkuchi	Barkhala	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Chatma	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Deharkuchi	Solar Power Pumpset	1	2	5
		Kismat	Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Larma Batakuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Purna Daichapara	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Purna Kamdev	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
	12 No Datara	Amara	STW	2	4	1.2
			Solar Power Pumpset	1	2	5
		1 No Bardhanara	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		2 No Bardhanara	STW	6	12	3.6

			Solar Power Pumpset	1	2	5
		Barigaon	STW	13	26	7.8
			Solar Power Pumpset	1	2	5
		Datara	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Dhurkuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Guwakuchi	STW	15	30	9
			Solar Power Pumpset	1	2	5
		Kathora	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Kundargaon	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Narpara	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
		Thanpatkuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
	13 No Ghograpar	Baghmara	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
		Barjabrihati	STW	1	2	0.6
			Solar Power Pumpset	1	2	5
		Bhanukuchi	STW	3	6	1.8
			Solar Power Pumpset	1	2	5
		Bilpar	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Burburi	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
		Chenikuchi	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Chilling	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Gatiyan	STW	5	10	3
		Gatiyan	Solar Power Pumpset	1	2	5
		Katakiya	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Katuriya	STW	2	4	1.2

			Solar Power Pumpset	1	2	5
		Kayajeni	STW	2	4	1.2
			Solar Power Pumpset	1	2	5
		Kundargaon Jabrihati	STW	2	4	1.2
			Solar Power Pumpset	1	2	5
		Narikuchi	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
		1 No Nimualatima	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		2 No Nimualatima	STW	14	28	8.4
			Solar Power Pumpset	1	2	5
		Niz Barigog	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Niz Khagta	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
		Patkata	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Chatra	STW	10	20	6
			Solar Power Pumpset	1	2	5
	14 No Pub Banbhag	Akana	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
		Barajol	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Dalua	STW	9	18	5.4
			Solar Power Pumpset	1	2	5
		Ghongarkuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Jabjabkuchi	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
		Kayakuchi	STW	15	30	9
			Solar Power Pumpset	1	2	5
		Majarbari	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Paichara	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
		Ponar Kauniya	STW	10	20	6

			Solar Power Pumpset	1	2	5
		Rampur Azagara	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Sathamou	STW	10	20	6
			Solar Power Pumpset	1	2	5
	15 No Dihjari	Barbistupur	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Barghopa	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Dihjari	STW	15	30	9
			Solar Power Pumpset	1	2	5
		Ghohkuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Hablakha	STW	14	28	8.4
			Solar Power Pumpset	1	2	5
		Jugurkuchi Sripur	STW	15	30	9
			Solar Power Pumpset	1	2	5
		Keherua	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Khudra Bistupur	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Nilpur	STW	11	22	6.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		1 No Sagarkuchi	STW	5	10	3
			Solar Power Pumpset	1	2	5
		2 No Sagarkuchi	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
		3 No Sagarkuchi	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
		4 No Sagarkuchi	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
		Sahan Bistupur	STW	10	20	6
			Solar Power Pumpset	1	2	5
	16 No Khatikuchi	Balipara	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Barbhag Nalbari	STW	10	20	6
			Solar Power Pumpset	1	2	5

		Bhadra Bengal	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Bhithamahal	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Dalbari Kaniha	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Khatikuchi	STW	15	30	9
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Pachim Nalbari	STW	3	6	1.8
			Solar Power Pumpset	1	2	5
		Panbari	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Panimazkuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Pub Barsiral	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
		Sonkuriha	STW	15	30	9
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
	17 No Alliya	Arara	STW	45	90	27
			Solar Power Pumpset	1	2	5
		Bangaon	STW	30	60	18
			Solar Power Pumpset	1	2	5
		Baralkuchi	STW	25	50	15
			Solar Power Pumpset	1	2	5
		Choto Alliya	STW	35	70	21
			Solar Power Pumpset	1	2	5
		Gargari	STW	30	60	18
			Solar Power Pumpset	1	2	5
		Madhapur	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Namati	STW	30	60	18
			Solar Power Pumpset	1	2	5
		Narayangaon	STW	30	60	18
			Solar Power Pumpset	1	2	5
	18 No Balitara	1 No Balitara	STW	20	40	12

			Solar Power Pumpset	1	2	5
		2 No Balitara	STW	5	10	3
			Solar Power Pumpset	1	2	5
		3 No Balitara	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		4 No Balitara	STW	14	28	8.4
			Solar Power Pumpset	1	2	5
		Hahdali	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Nagaon	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
		Naherbari	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
	19 No Chataibari	Bhelamari	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
		Chataibari	STW	25	50	15
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Dhamdhama	STW	25	50	15
			Solar Power Pumpset	1	2	5
		Majusiral	STW	15	30	9
			Solar Power Pumpset	1	2	5
			Drip Irrigation	1	1	1
		Mohina	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Rangafali	STW	15	30	9
			Solar Power Pumpset	1	2	5
			Drip Irrigation	2	2	2
			Sprinkler	1	1	0.74

3. Name of Block: Paschim Nalbari

Name of Development Block	Name of the GP	Name of the Village	Agriculture Department			
			Activity	Physical	Irrigation Potential	Cost
Paschim Nalbari	20 No Pub Khetri Dharmapur	Piplibari	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
		Solmari	STW	2	4	1.2
			Solar Power Pumpset	1	2	5
	21 No Uttar Khetri Dharmapur	Amani	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Kathala	STW	9	18	5.4
			Solar Power Pumpset	1	2	5
		Kendubari	STW	11	22	6.6
			Solar Power Pumpset	1	2	5
		Lakhopur	STW	3	6	1.8
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Pakhura	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
	22 No Dakhin Khetri Dharmapur	Bori	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Dahudi	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Niz Tapa	STW	3	6	1.8
			Solar Power Pumpset	1	2	5
		Thutikata	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
	23 No Paschim Khetri Dharmapur	Bar Helecha	STW	14	28	8.4
			Solar Power Pumpset	1	2	5
		Ghilazari	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Kaihati	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
		Khelua	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Sukekuchi	STW	13	26	7.8

		Solar Power Pumpset	1	2	5
24 No Dakhin Madhya Dharmapur	Chamata	STW	10	20	6
		Solar Power Pumpset	1	2	5
	Gandhiya	STW	4	8	2.4
		Solar Power Pumpset	1	2	5
25 No Rupiya Bathan	Khata Rupiya Bathan	STW	4	8	2.4
		Solar Power Pumpset	1	2	5
	Rupiya Bathan	STW	5	10	3
		Solar Power Pumpset	1	2	5
26 No Bangaon	Bangaon	STW	14	28	8.4
		Solar Power Pumpset	1	2	5
	Bihampur	STW	6	12	3.6
		Solar Power Pumpset	1	2	5
	Khudra Khetri Barni	STW	3	6	1.8
		Solar Power Pumpset	1	2	5
	Simaliya	STW	4	8	2.4
		Solar Power Pumpset	1	2	5
27 No Panigaon	Niz Pakowa	STW	7	14	4.2
		Solar Power Pumpset	1	2	5
	Panigaon	STW	4	8	2.4
		Solar Power Pumpset	1	2	5
		Drip Irrigation	1	1	1
	Santheli	STW	7	14	4.2
		Solar Power Pumpset	1	2	5
28 No Barnarddi	Barnarddi	STW	3	6	1.8
		Solar Power Pumpset	1	2	5
	Churchuri	STW	8	16	4.8
		Solar Power Pumpset	1	2	5
	Mohkhali	STW	2	4	1.2
		Solar Power Pumpset	1	2	5
29(1) No Dakhin Pakowa	Barkhetri Barni	STW	10	20	6
		Solar Power Pumpset	1	2	5
	Billeswar	STW	4	8	2.4
		Solar Power Pumpset	1	2	5
	Nalicha	STW	8	16	4.8
		Solar Power Pumpset	1	2	5
30(2) No Dakhin Pakowa	Jagara	STW	10	20	6
		Solar Power Pumpset	1	2	5

	31(3) No Dakhin Pakowa	Bagurihati	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Batchar	STW	10	20	6
			Solar Power Pumpset	1	2	5
	32(4) No Dakhin Pakowa	Bhairaghol	STW	14	28	8.4
			Solar Power Pumpset	1	2	5
		Dangardi	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
		Dehar Balowa	STW	11	22	6.6
			Solar Power Pumpset	1	2	5
		Gangapur	STW	3	6	1.8
			Solar Power Pumpset	1	2	5
		Goalpara	STW	2	4	1.2
			Solar Power Pumpset	1	2	5
		Goalpara (Pt.)	STW	2	4	1.2
			Solar Power Pumpset	1	2	5
		Gadira	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Khakhrisal	STW	14	28	8.4
			Solar Power Pumpset	1	2	5
		Kutnikuchi	STW	13	26	7.8
			Solar Power Pumpset	1	2	5
		Larkuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Mohbiyani	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
	33 No Belsor	Belsor	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
			Drip Irrigation	1	1	1
	34 No Kakaya	Kakaya	STW	4	8	2.4
			Solar Power Pumpset	1	2	5

4. Name of Block: Madhupur

Name of Development Block	Name of the GP	Name of the Village	Agriculture Department			
			Activity	Physical	Irrigation Potential	Cost
Madhupur	35 No Paschim Dharmapur	Bechimari	STW	1	2	0.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Kaithalkuchi	STW	16	32	9.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Nadla	STW	10	20	6
					0	0
			Solar Power Pumpset	1	2	5
			Sprinkler	2	2	1.48
		Sandheli	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
			Sprinkler	3	3	2.22
	36 No Pub Dharmapur	Gamarimuri	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Jowarddi	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Pahlongpara	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
	37 No Uttar Pub Dharmapur	Balizar	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
		Baushipara	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
		Khaliha-Bihampur	STW	13	26	7.8
			Solar Power Pumpset	1	2	5
		Fulguri	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Kharsitha	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Khata Nambarbhag	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Madhupur	STW	10	20	6

			Solar Power Pumpset	1	2	5
		Mularkuchi	STW	9	18	5.4
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
	38 No Paschim Natun Dehar	Banbhag Solmari	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Bangnabari	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Kathalbari	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Khukhundi	STW	15	30	9
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Toumura	STW	9	18	5.4
			Solar Power Pumpset	1	2	5
			Sprinkler	2	2	1.48
	39 No Pub Natun Dehar	Kachimpur	STW	18	36	10.8
			Solar Power Pumpset	1	2	5
			Sprinkler	5	5	3.7
		Kendukuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Saplekuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
	40 No Dakhin Natun Dehar	Barkhetri Banekuchi	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	6	6	4.44
		Barnagar Banekuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Burinagar	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	4	4	2.96
		Danguapara	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Niz Banekuchi	STW	15	30	9
			Solar Power Pumpset	1	2	5

			Sprinkler	2	2	1.48
		Rajakhat Banekuchi	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74

5. Name of Block: Tihu

Name of Development Block	Name of the GP	Name of the Village	Agriculture Department			
			Activity	Physical	Irrigation Potential	Cost
Tihu	41 No Makhibaha	Bar Makhibaha	STW	16	32	9.6
			Solar Power Pumpset	1	2	5
		Khudra Makhibaha	STW	14	28	8.4
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Saktipara	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
	42 No Jalkhana Bhatuakhana	Bhathuakhana	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
		Jalkhana	STW	15	30	9
			Solar Power Pumpset	1	2	5
		Nannattari	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Niz Khana	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Parmankhowa	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
	43 No Mathurapur	Barbari	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
		Bargaon	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
		Mathurapur	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Nakhara	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Piplibari	STW	10	20	6
			Solar Power Pumpset	1	2	5

			Sprinkler	1	1	0.74
		Ranakuchi	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Ratanpur	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
			Sprinkler	2	2	1.48
	44 No Nathkuchi	Bamunbari	STW	11	22	6.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Bhurkuchi	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
		Daloigaon	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Niz Namati	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
		1 No Nathkuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		2 No Nathkuchi	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
	45 No Paschim Nambarbhag	Bali	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
		Bhojkuchi	STW	15	30	9
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Haribhanga	STW	14	28	8.4
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
	46 No Pub Nambarbhag	Akhara	STW	2	4	1.2
			Solar Power Pumpset	1	2	5
		Bakuajari	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
		Barbhagjari	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Barjhar	STW	10	20	6
			Solar Power Pumpset	1	2	5

		Dahkounia	STW	9	18	5.4
			Solar Power Pumpset	1	2	5
		Dipta	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Gobradal	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Sathikuchi	STW	5	10	3
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Suradi	STW	10	20	6
			Solar Power Pumpset	1	2	5

6. Name of Block: Barbhag

Name of Development Block	Name of the GP	Name of the Village	Agriculture Department			
			Activity	Physical	Irrigation Potential	Cost
Barbhag	47(1) No Upar Barbhag	Bajali Udaypur	STW	20	40	12
			Solar Power Pumpset	2	4	10
		Bangalmur	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Bar Barara	STW	15	30	9
			Solar Power Pumpset	1	2	5
		Saru Barara	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Bari Datara	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Barkulhati	STW	20	40	12
			Solar Power Pumpset	1	2	5
		Baushi Udaypur	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Jugurkuchi	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Khudra Kulhati	STW	20	40	12
			Solar Power Pumpset	2	4	10
		Nanoi	STW	10	20	6
			Solar Power Pumpset	1	2	5

			Sprinkler	6	6	4.44
		Pajipar	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Panbari	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
		Ranakuchi	STW	12	24	7.2
			Solar Power Pumpset	2	4	10
		Bangnabari	STW	14	28	8.4
			Solar Power Pumpset	1	2	5
		Sonkani	STW	20	40	12
			Solar Power Pumpset	1	2	5
		1 No Sonkuriha	STW	15	30	9
			Solar Power Pumpset	1	2	5
	48(2) No Upar Barbhag	Kalag	STW	14	28	8.4
			Solar Power Pumpset	1	2	5
		Katalkuchi	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
		Pandula	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Ukhura	STW	5	10	3
			Solar Power Pumpset	1	2	5
	49(3) No Upar Barbhag	Arangamou	STW	15	30	9
			Solar Power Pumpset	1	2	5
		Dokoha	STW	16	32	9.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Kamarkuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Khudra Dingdingi	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
		Nakheti	STW	18	36	10.8
			Solar Power Pumpset	1	2	5
		Raimadha	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
		Raitkuchi	STW	11	22	6.6
			Solar Power Pumpset	1	2	5
	50(4) No Upar Barbhag	Bezkuchi	STW	6	12	3.6
			Solar Power Pumpset	1	2	5

		Bhabanipur	STW	9	18	5.4
			Solar Power Pumpset	1	2	5
		Bihdia	Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Jugurbari	STW	9	18	5.4
			Solar Power Pumpset	1	2	5
		Kahikuchi	Solar Power Pumpset	1	2	5
		Karia	Solar Power Pumpset	1	2	5
		Bala	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Katpuha	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Ulabari	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
	51(5) No Upar Barbhag	Arikuchi	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
		Ding Dingi	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Marowa	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
		Tarmatha	STW	13	26	7.8
			Solar Power Pumpset	1	2	5
	52(6) No Upar Barbhag	Barkuriha	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
		Dhaniagog	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
		Moura	STW	13	26	7.8
			Solar Power Pumpset	1	2	5
		Porakuchi	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
		Simaliya	STW		0	0
			Solar Power Pumpset	1	2	5
			Drip Irrigation		0	0
			Sprinkler		0	0
		2 No Sonkuriha	STW	9	18	5.4
			Solar Power Pumpset	1	2	5

	53 No Sanekuchi	Athgharia	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Barbukia	STW	9	18	5.4
			Solar Power Pumpset	1	2	5
		Bargacha	STW	9	18	5.4
			Solar Power Pumpset	1	2	5
		Barsimaliya	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
		Samarkuchi	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
		Sanekuchi	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
		Uttarkuchi	STW	5	10	3
			Solar Power Pumpset	1	2	5

7. Name of Block: Barkhetri

Name of Development Block	Name of the GP	Name of the Village	Agriculture Department			
			Activity	Physical	Irrigation Potential	Cost
Barkhetri	54 No Kekankuchi Kaplabari	Bamundittari	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Banpura	STW	5	10	3
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Damdama Pathar	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Gharua Baha Gaon	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Kaldi	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		1 No Kaplabari	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Drip Irrigation	1	1	1

			Sprinkler	1	1	0.74
		2 No Kaplabari	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		1 No Kekankuchi	STW	3	6	1.8
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		2 No Kekankuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Khar Kaldi	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		1 No Narua	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		3 No Bartola	STW	11	22	6.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		4 No Bartola	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Rowmari Damdama	STW	5	10	3
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Gharua Baha Pathar	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
	55 No Barnibari Naptipara	Ahata	STW	15	30	9
			Solar Power Pumpset	1	2	5
		Bakri Kuchi	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
		Barnibari	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Dirua	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
		Naptipara	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
		Paikan Bonmaza	STW	5	10	3
			Solar Power Pumpset	1	2	5

		Paikan Dirua	STW	5	10	3
			Solar Power Pumpset	1	2	5
	56 No Mugdi Rampur	Amrattari	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
		Bamun Angardi	STW	20	40	12
			Solar Power Pumpset	1	2	5
		Bamunbari	STW	14	28	8.4
			Solar Power Pumpset	1	2	5
		Garia Angardi	STW	15	30	9
			Solar Power Pumpset	1	2	5
		1 No Ghorathal	STW	15	30	9
			Solar Power Pumpset	1	2	5
		2 No Ghorathal	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Khudra Chinadi	STW	15	30	9
			Solar Power Pumpset	1	2	5
		Mugdi	STW	14	28	8.4
			Solar Power Pumpset	1	2	5
		Mulaghata	STW	14	28	8.4
			Solar Power Pumpset	1	2	5
		2 No Narua	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Rampur	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
		Sidalkuchi Lachima	STW	10	20	6
			Solar Power Pumpset	1	2	5
		Kasua Pathar	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
		Damal	STW	5	10	3
			Solar Power Pumpset	1	2	5
	57 No Daulashal Larkuchi	Belbeli	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		1 No Daulashal	STW	9	18	5.4
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		2 No Daulashal	STW	5	10	3
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Kalputa	STW	14	28	8.4

			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Kaltali	STW	3	6	1.8
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Khagrakati	STW	2	4	1.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		1 No Larkuchi	STW	1	2	0.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		2 No Larkuchi	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		3 No Larkuchi	STW	1	2	0.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Madhya Kazia	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Nadia	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Paschim Kazia	STW	9	18	5.4
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Peradhara	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Pub Kazia	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
	58 No Jaysagar Bartala	Baramara	Sprinkler	1	1	0.74
		1 No Bartola	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		2 No Bartola	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Batamara	STW	5	10	3

			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Bhelakhaiti	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Chanda	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Jaysagar	STW	40	80	24
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Kalardia	STW	5	10	3
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Sobhamari	STW	15	30	9
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Tegheriattari	STW	14	28	8.4
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		2 No Chaprapara	STW	15	30	9
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		1 No Bhelengimari	STW	17	34	10.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		2 No Bhelengimari	STW	15	30	9
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		3 No Bhelengimari	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Lowthari	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
	59 No Mukalmua Narayanpur	Adattari	STW	7	14	4.2
			Solar Power Pumpset	1	2	5
		1 No Bhelamari	STW	15	30	9
			Solar Power Pumpset	1	2	5
		Howlighat	STW	20	40	12

			Solar Power Pumpset	1	2	5
		Mukalmua	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Narayanpur	STW	5	10	3
			Solar Power Pumpset	1	2	5
		Sapkata	STW	5	10	3
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Garkamari	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
		2 No Bhelamari	STW	5	10	3
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		3 No Bhelamari	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		1 No Chaprapara	STW	10	20	6
			Solar Power Pumpset	1	2	5
		3 No Chaprapara	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
	60 No Kandhbari Dagapara	Bardhap	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Dagapara	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Baitha Bhanga	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Darangipara	STW	15	30	9
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		1 No Kandhbari	STW	7	14	4.2
			Solar Power Pumpset	1	2	5

			Sprinkler	1	1	0.74
		2 No Kandhbari	STW	14	28	8.4
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		3 No Kandhbari	STW	8	16	4.8
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Khalihapara	STW	5	10	3
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Balikuchi (Kasikata)	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Meruattari	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
	61 No Ghoga	Angradi	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Badani Akhiya	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		1 No Balattari	STW	15	30	9
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		2 No Balattari	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Ghoga	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		2 No Ghoga	STW	15	30	9
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Kaorekhaiti	STW	5	10	3
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Lawtola	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74

		Puran Akhiya	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Satemari	STW	15	30	9
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Tilardia	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Na Para Pam	STW	15	30	9
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		1 No Barbala	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		2 No Barbala	STW	5	10	3
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Hamlakur	STW	15	30	9
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
	62 No Loharkatha Adabari	Adabari	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Pub Adabari	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Saiikiapara	STW	5	10	3
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Burlitpar (E)	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Burlitpar (W)	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Chakirghat	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Goldighala	STW	15	30	9

			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Hanapara (E)	STW	12	24	7.2
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Hanapara (W)	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Loharkatha	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		2 No Loharkatha	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Sungarbari	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Sutarkuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Balikuchi	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
	63 No Kalarchar	Bangnaputa	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Kalarchar	STW	50	100	30
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		N.C. Pub Kazia	STW	40	80	24
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Balarchar	STW	30	60	18
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Lawtolipara	STW	20	40	12
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
	64 No Bhangnamari	Bhangnamari	STW	200	400	120
			Solar Power Pumpset	1	2	5

			Sprinkler	1	1	0.74
	65 No Kurihamari Barsulia	Barsulia	STW	30	60	18
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Kurihamari	STW	150	300	90
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Sarusulia	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		3 No Barbala	STW	10	20	6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		4 No Barbala	STW	9	18	5.4
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		5 No Barbala	STW	4	8	2.4
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74
		Afsar Ali Char (Tupkar Char)	STW	6	12	3.6
			Solar Power Pumpset	1	2	5
			Sprinkler	1	1	0.74

ANNEXURE – 3: Block Wise Strategic Action Plan for Soil Conservation under PMKSY

Block Wise Newly Proposed Soil Conservation Schemes for DIP

Block Wise Newly Proposed Soil Conservation Schemes for DIP under PMKSY of Nalbari Soil Conservation Division, Nalbari											
Development Block	Component	Sr. No.	Activity	Village	G.P.	Unit	Unit Cost	Physical	Financial (in Lakh)	Command Area (in Ha)	Financial Year
01) Pub Nalbari Dev. Block	PMKSY	1	Drainage Line Treatment (L.R.P.) (From Bistupur Vill. up to Sandha Sluice Gate via Gobindapur, Kendukuchi etc.)	Bistupur	1 No Khata	RM	355/RM	6000 Rm.	21.30000	177.50	2017-18
		2	Drainage Line Treatment (L.R.P.)	Sahpur	-do-	RM	355/RM	1500 Rm.	5.32500	44.37	2016-17
		3	Agri Field Bund (L.D.P.) at Balikuchi MV School to Bajali Udaipur	Balikuchi	2 No Khata	RM	355/RM	1500 Rm.	5.32500	44.37	2016-17
		4	Drainage Line Treatment (L.R.P.) at Balikuchi	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2018-19
		5	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.60	15.00000	125.00	2020-21
		6	Drainage Line Treatment (L.R.P.) (from Balilecha to Sutarkuchi)	Balilecha	-do-	RM	355/RM	1500 Rm.	5.32500	44.37	2017-18
		7	Drainage Line Treatment (L.R.P.) (from Tantra Sankara to Khata Dhamdhama)	-do-	-do-	RM	355/RM	1500 Rm.	5.32500	44.37	2019-20
		8	Agri Field Bund (L.D.P.)	Kardoitola	-do-	RM	355/RM	1500 Rm.	5.32500	44.37	2018-19
		9	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1500 Rm.	5.32500	44.37	2019-20
		10	Drainage Line Treatment (L.R.P.) at both side of Bhunukuchi Canal (Ring Bundh)	Namdonga	-do-	RM	355/RM	1500 Rm.	5.32500	44.37	2016-17
		11	Drainage Line Treatment (L.R.P.)	Pajipar	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2018-19
		12	Water Harvesting Farm Pond	Balakuchi	3 No Khata	m3	160/m3	4200 m3	6.72000	56.00	2020-21
		13	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	500 Rm.	1.77500	14.79	2019-20
		14	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.60	15.00000	125.00	2020-21
		15	Agri Field Bund (L.D.P.)	Sandha	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2016-17
		16	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	500 Rm.	1.77500	14.79	2018-19
		17	Drainage Line Treatment (L.R.P.) (from Tantra Sankara villege to Jahajan)	Digheli	4 No Khata	RM	355/RM	1500 Rm.	5.32500	44.37	2016-17
		18	RCC Check Dam (G.C.P.)	Khudra Sankara	4 No Khata	m2	47400/m2	31.60	15.00000	125.00	2019-20
		19	Agri Field Bund (L.D.P.)	Bhuyarkuchi	5 No Pub Batahgila	RM	355/RM	1000 Rm.	3.55000	29.58	2016-17
		20	Agri Field Bund (L.D.P.)	Katla Barkuchi	-do-	RM	355/RM	800 Rm.	2.84000	23.67	2018-19

		21	Agri Field Bund (L.D.P.)	Mairadonga	-do-	RM	355/RM	1200 Rm.	4.26000	35.50	2016-17
		22	Agri Field Bund (L.D.P.)	Namati	-do-	RM	355/RM	1400 Rm.	4.97000	41.42	2018-19
		23	Agri Field Bund (L.D.P.)	Balikaria	6 No Paschim Batahghila	RM	355/RM	1500 Rm.	5.32500	44.37	2016-17
		24	Agri Field Bund (L.D.P.)	Barkura	-do-	RM	355/RM	1500 Rm.	5.32500	44.37	2018-19
		25	Drainage Line Treatment (L.R.P.)	Barsarkuchi	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2017-18
		26	Agri Field Bund (L.D.P.)	Dhekiabari	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2019-20
		27	Agri Field Bund (L.D.P.) (Nandagaon Crimatorium to Borpukhuri)	Arara	7 No Pub Bahjani	RM	355/RM	1000 Rm.	3.55000	29.58	2017-18
		28	Agri Field Bund (L.D.P.) (Amayapur to Jaha Jan)	-do-	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2018-19
		29	Drainage Line Treatment (L.R.P.) (From Bhadra Field to Jaha Jan)	Bhadra	-do-	RM	355/RM	300 Rm.	1.06500	8.88	2019-20
		30	Agri Field Bund (L.D.P.) at Mugkuchi Transformer to Teresia Road	Mugkuchi	-do-	RM	355/RM	1500 Rm.	5.32500	44.37	2018-19
		31	Agri Field Bund (L.D.P.) at 1. Garakhiya than to Terechia paddy field & 2. From Mugkuchi field to Terechia Field	-do-	-do-	RM	355/RM	1500 Rm.	5.32500	44.37	2019-20
		32	Agri Field Bund (L.D.P.) (Near House of Chakreswar Das to Jaha Jan)	Tilana	-do-	RM	355/RM	1500 Rm.	5.32500	44.37	2018-19
		33	Agri Field Bund (L.D.P.)	Bar Azara	8 No Uttar Bahjani	RM	355/RM	800 Rm.	2.84000	23.67	2017-18
		34	Drainage Line Treatment (L.R.P.) (Near Chowk bazar to Pakowa Vill.)	-do-	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2019-20
		35	Agri Field Bund (L.D.P.) (from Rajat Deka's house to Baguritol field)	Khudra Sankara	9 No Madhya Bahjani	RM	355/RM	1000 Rm.	3.55000	29.58	2016-17
		36	Agri Field Bund (L.D.P.) (from Shivamandir to Duttakuchi field)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2017-18
		37	Agri Field Bund (L.D.P.) (from Tetelitol to Kawoimari Channel)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2019-20
		38	Agri Field Bund (L.D.P.) (from Padma Sarma's house to Jaha village)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2020-21
		39	Agri Field Bund (L.D.P.) (from Jagadish Chakrabarty's house to	Niz Bahjani	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2016-17

			Jaha Road)								
		41	Drainage Line Treatment (L.R.P.) at Kawoimari Channel (Halar Pond to Ambu Deka's Pond)	-do-	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2017-18
		42	Drainage Channel (L.R.P.) (Dhopartal Chowk to Jaha Jan)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2019-20
		43	Drainage Line Treatment (L.R.P.) at Nakhanda Jan (from Madhapur to Jaha Jan)	Charia	10 No Dakhin Bahjani	RM	355/RM	3000 Rm.	10.65000	88.75	2016-17
		44	Agri Field Bund (L.D.P.)	Dehar Kalakuch	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2017-18
		45	Drainage Line Treatment (L.R.P.) at Satirkur Channel (From Pachim Khatar Kalakuchi to Bardal)	-do-	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2019-20
		46	Drainage Channel (L.R.P.) (Kalakuchi Eidgah Maidam to Bardoba Jan)	-do-	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2020-21
		47	Drainage Line Treatment (L.R.P.) at Jaha Jan (from Budrukuchi to Mohbiyoni)	Jaha	-do-	RM	355/RM	3000 Rm.	10.65000	88.75	2017-18
		48	Drainage Line Treatment (L.R.P.) (Nabaday Balika to Bhairapara Jan)	Kumarikata	-do-	RM	355/RM	1500 Rm.	5.32500	44.37	2019-20
		49	Drainage Channel Cutting (L.R.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2020-21
		50	Drainage Line Treatment (L.R.P.) 1. (Madhapur PWD to Charia Nakhanda Jan) & 2. (Madhapur Adya Sarma house to Madhapur Reserve)	Madhapur	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2017-18
		51	Drainage Line Treatment (L.R.P.) at Satirkur Channel & Kawoimari Channel (From Bhelebari to Jaha Jan)	Pachim Khatar Kalakuchi	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2018-19
		52	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		53	Drainage Line Treatment (L.R.P.) (PWD Culvert to Dachakimukh via Makaldoba)	Pub Kalakuchi	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2017-18
		54	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2018-19
		55	Horticulture Plantation	-do-	-do-	Ha	144000/ha	1.00 Hact.	1.44000	1.00	2020-21
								Total =	**316.53500**	**2626.62**	
02)	**PMKSY**	1	Agri Field Bund (L.D.P.)	Bechimari	35 No	RM	355/RM	2000 Rm.	7.10000	59.20	2016-17

Madhupur					Paschim Dharmapur						
		2	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2017-18
		3	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2019-20
		4	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2019-20
		5	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2019-20
		6	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		7	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		8	Agri Field Bund (L.D.P.)	Kaithalkuchi	35 No Paschim Dharmapur	RM	355/RM	2000 Rm.	7.10000	59.20	2016-17
		9	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	2000 Rm.	7.10000	59.20	2017-18
		10	Agri Field Bund (L.D.P.)	Nadla	-do-	RM	355/RM	2000 Rm.	7.10000	59.20	2016-17
		11	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2017-18
		12	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2019-20
		13	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2019-20
		14	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2019-20
		15	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		16	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		17	Agri Field Bund (L.D.P.)	Sandheli	-do-	RM	355/RM	2000 Rm.	7.10000	59.20	2016-17
		18	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	2000 Rm.	7.10000	59.20	2017-18
		19	Agri Field Bund (L.D.P.)	Gamarimuri	36 No Pub Dharmapur	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		20	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		21	Drainage Channel (L.R.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2019-20
		22	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2019-20
		23	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		24	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		25	Agri Field Bund (L.D.P.)	Jowarddi	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		26	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		27	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		28	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2019-20

		29	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2019-20
		30	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2019-20
		31	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		32	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		33	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		34	Agri Field Bund (L.D.P.)	Pahlongpara	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		35	Agri Field Bund (L.D.P.)	Balizar	37 No Uttar Pub Dharmapur	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		36	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		37	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2018-19
		38	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2020-21
		39	Agri Field Bund (L.D.P.)	Baushipara	-do-	RM	355/RM	2000 Rm.	7.10000	59.20	2016-17
		40	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		41	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		42	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2020-21
		43	Agri Field Bund (L.D.P.)	Khaliha-Bihampur	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		44	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		45	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2018-19
		46	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2020-21
		47	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2020-21
		48	Agri Field Bund (L.D.P.)	Fulguri	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2016-17
		49	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		50	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		51	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	2000 Rm.	7.10000	59.20	2020-21
		52	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2020-21
		53	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2020-21
		54	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2020-21
		55	Agri Field Bund (L.D.P.)	Kharsitha	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		56	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		57	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		58	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		59	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2018-19
		60	Agri Field Bund (L.D.P.)	Khata Nambarbhag	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17

		61	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		62	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2018-19
		63	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		64	Water Harvesting Farm Pond	Madhupur	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		65	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2019-20
		66	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2019-20
		67	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2020-21
		68	Agri Field Bund (L.D.P.)	Mularkuchi	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		69	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		70	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		71	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		72	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2019-20
		73	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2020-21
		74	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		75	Agri Field Bund (L.D.P.)	Banbhag Solmari	38 No Paschim Natun Dehar	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		76	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2017-18
		77	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2018-19
		78	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2019-20
		79	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		80	Water Harvesting Farm Pond	Kathalbari	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		81	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		82	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		83	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2018-19
		84	Agri Field Bund (L.D.P.)	Khukhundi	-do-	RM	355/RM	2000 Rm.	7.10000	59.20	2016-17
		85	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2017-18
		86	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2018-19
		87	River Training Project	-do-	-do-	m2	1665/m2	720.70 m2	12.00000	26.00	2018-19
		88	Water Harvesting Farm Pond	Toumura	-do-	m3	160/m3	2100 m3	3.40000	28.00	2016-17
		89	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		90	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2018-19
		91	Agri Field Bund (L.D.P.)	Kachimpur	39 No Pub Natun Dehar	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17

		92	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2017-18
		93	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2018-19
		94	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2019-20
		95	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		96	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2017-18
		97	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2018-19
		98	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2018-19
		99	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2019-20
		100	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2020-21
		101	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2020-21
		102	Renovation of RCC Check Dam at Ambari Chupa	-do-	-do-	m2	47400/m2	12.65 m2	6.00000	50.00	2017-18
		103	Renovation of RCC Check Dam at Ambari Chupa	-do-	-do-	m2	47400/m2	12.65 m2	6.00000	50.00	2018-19
		104	Renovation of RCC Check Dam at Ambari Chupa	-do-	-do-	m2	47400/m2	12.65 m2	6.00000	50.00	2019-20
		105	Agri Field Bund (L.D.P.)	Kendukuchi	-do-	RM	355/RM	1000 Rm.	3.55000	29.60	2016-17
		106	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	29.60	2017-18
		107	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	29.60	2018-19
		108	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		109	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		110	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		111	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		112	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	2000 Rm.	7.10000	59.20	2016-17
		113	Agri Field Bund (L.D.P.)	Saplekuchi	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		114	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2019-20
		115	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2020-21
		116	Agri Field Bund (L.D.P.)	Barkhetri Banekuchi	40 No Dakhin Natun Dehar	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		117	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		118	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2018-19
		119	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2019-20
		120	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2020-21
		121	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2019-20
		122	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		123	Agri Field Bund (L.D.P.)	Barnagar Banekuchi	-do-	RM	355/RM	2000 Rm.	7.10000	59.20	2016-17
		124	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	2000 Rm.	7.10000	59.20	2017-18

		125	Agri Field Bund (L.D.P.)	Burinagar	-do-	RM	355/RM	2000 Rm.	7.10000	59.20	2016-17
		126	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		127	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		128	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		129	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		130	Drainage Line Treatment (L.R.P.) (from Banbhag Solmari Siva Mandir to Sansarghat)	-do-	-do-	RM	355/RM	2500 Rm.	8.87500	74.00	2017-18
		131	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2018-19
		132	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2019-20
		133	Renovation Check Dam	-do-	-do-	m2	47400/m2	12.65 m2	6.00000	50.00	2018-19
		134	Renovation Check Dam	-do-	-do-	m2	47400/m2	12.65 m2	6.00000	50.00	2019-20
		135	Agri Field Bund (L.D.P.)	Danguapara	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		136	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		137	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2018-19
		138	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		139	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2018-19
		140	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2019-20
		141	Agri Field Bund (L.D.P.)	Niz Banekuchi	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		142	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		143	Agri Field Bund (L.D.P.)	Rajakhat Banekuchi	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		144	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		145	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2018-19
		146	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		147	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2018-19
								Total	**970.67500**	**8000.30**	
03) Barigog Banbhag	**PMKSY Watershed**	1	Agri Field Bund (L.D.P.) (From Lahkarpara L.P. School to Dandi Lahkar House)	Purna Daichapara	11 No Deharkuchi	RM	355/RM	500 Rm.	1.77500	14.80	2016-17
		2	Drainage Line Treatment (L.R.P.) (From Nilima Lahkar House to Aravinda Lahkar house)	-do-	-do-	RM	355/RM	200 Rm.	0.71000	5.90	2017-18
		3	RCC Check Dam (G.C.P.) (Near Sonaram Lahkar House)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2019-20
		4	Agri Field Bund (L.D.P.)	Amara	12 No Datara	RM	355/RM	500 Rm.	1.77500	14.80	2016-17
		5	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	300 Rm	1.06500	9.00	2017-18
		6	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	300 Rm	1.06500	9.00	2018-19
		7	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	300 Rm	1.06500	9.00	2019-20

		8	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	300 Rm	1.06500	9.00	2020-21
		9	Development of Pond at Shiva Mandir	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2020-21
		10	Agri Field Bund (L.D.P.) (From Amara Earthen Bund to Narpara Pakka Road)	Datara	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		11	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2018-19
		12	Agri Field Bund (L.D.P.) (From Goswami Chuburi to Bezbaruah Chuburi)	Dhurkuchi	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		13	Agri Field Bund (L.D.P.) (From Asomi H.S. School)	Kathora	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2016-17
		14	Agri Field Bund (L.D.P.) (From Korashtol Chuburi to Kuwarikuchi Road)	Kundargaon	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		15	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2019-20
		16	Agri Field Bund (L.D.P.) (From Fazal Ali's House to Hiranya's House)	Narpara	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2018-19
		17	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2020-21
		18	Agri Field Bund (L.D.P.) (From Thanapatkuhi RCC Bridge to Harkanta's Lahakar's House)	Thanpatkuchi	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2016-17
		19	Agri Field Bund (L.D.P.) (From RCC Ring Bund to Gamir Ali's House)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		20	Agri Field Bund (L.D.P.) (From Wooden Bridge to Nona River)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2018-19
		21	Drainage Line Treatment (L.R.P.) at Purni Channel (from Ghagrapaar Nangbar Tample to Nimuwa Burhagohai Than)	Baghmara	13 No Ghograpar	RM	355/RM	2500 Rm.	8.87500	74.00	2016-17
		22	RCC Drainage Channel (L.R.P.) at Ghagra Jan	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2018-19
		23	Agri Field Bund (L.D.P.) (From Near Hajib's house to Nona River)	Burburi	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2017-18
		24	Drainage Line Treatment (L.R.P.) at Nona Channel to Ghagra Channel	-do-	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2018-19
		25	Agri Field Bund (L.D.P.) (31 No. N.H. Road to Chiling Village)	Katakiya	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2017-18

		26	Agri Field Bund (L.D.P.) (Village Temple to Kendutol)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2018-19
		27	Agri Field Bund (L.D.P.) (From Near Golok Talukdar's house to Kayajani Agri ring bund)	Kayajeni	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2016-17
		28	Drainage Line Treatment (L.R.P.) at Ghagra Channel (From Kayajani to Barjabrihati)	-do-	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2018-19
		29	Agri Field Bund (L.D.P.) (From Near Lalit's house to Sluice Gate)	1 No Nimualatima	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		30	Agri Field Bund (L.D.P.) (From Near Harinath's house to Chilling Than)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2018-19
		31	Drainage Line Treatment (L.R.P.) at Purni Channel	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2019-20
		32	Agri Field Bund (L.D.P.) (From Sluice Gate to Nahauli)	Niz Barigog	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		33	Agri Field Bund (L.D.P.) (From Near Sohrab Ali's house to Gharga Channel)	-do-	-do-	RM	355/RM	400 Rm.	1.42000	11.83	2017-18
		34	Agri Field Bund (L.D.P.) (From Nahauli RCC Bridge to 2 No. Nimua Latima)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2018-19
		35	Agri Field Bund (L.D.P.) (From Near Lalit's house to Dhantola Pond)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2019-20
		36	Agri Field Bund (L.D.P.) (From Near Bhaba Baishya's house to Nona River Bank)	Niz Khagta	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		37	Agri Field Bund (L.D.P.) (From Near Simbhu Deka's house to Near Bihu Deka's house)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2018-19
		38	Drainage Line Treatment (L.R.P.) at Mona Channel (From Niz Khagta L.P. School to Amartal)	-do-	-do-	RM	355/RM	2000 Rm.	7.10000	59.20	2019-20
		39	Agri Field Bund (L.D.P.) at west bank of Ghogra Channel	Chatra	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		40	Agri Field Bund (L.D.P.) (From Water Supply Centre to Nasali Chuburi)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2018-19
		41	Agri Field Bund (L.D.P.) (From	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2019-20

			Boro Chuburi to Patkata Pakka Road)								
		42	Water Harvesting Farm Pond with Goat Proof Net Fencing	-do-	-do-	m3	160/m3	6300 m3	10.08000	84.00	2020-21
		43	Agri Field Bund (L.D.P.) at 1. (Purni Channel) & 2. (to PMGY Road)	Akana	14 No Pub Banbhag	RM	355/RM	1000 Rm.	3.55000	30.00	2016-17
		44	Agri Field Bund (L.D.P.) (From Akana Bamun Chuburi to Sathamou Gaon)	-do-	-do-	RM	355/RM	2500 Rm.	8.87500	74.00	2018-19
		45	Water Harvesting Farm Pond at Gopal Than	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		46	Agri Field Bund (L.D.P.) (From Upen Sarkar's Land to Ultakhunda Channel) / Ring Bundh	Barajol	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		47	Drainage Line Treatment (L.R.P.) (Barajol to Ghogra Jan)	-do-	-do-	RM	355/RM	4000 Rm.	14.20000	118.00	2018-19
		48	Drainage Channel Cutting (from Bani Kalita's Land to Ultakhunda Channel)	-do-	-do-	RM	355/RM	400 Rm.	1.42000	11.83	2019-20
		49	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2017-18
		50	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2018-19
		51	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2019-20
		52	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2020-21
		53	Agri Field Bund (L.D.P.) (From Safiul Ali House)	Majarbari	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		54	Drainage Line Treatment (L.R.P.) (North Sahan to Kayakuchi)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2018-19
		55	Agri Field Bund (L.D.P.) (Jamir Ali House to Manik Boro House)	Ponar Kauniya	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2016-17
		56	Agri Field Bund (L.D.P.) 1. (From M. Kalita House to P. Road) & 2.	Rampur Azagara	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		57	Agri Field Bund (L.D.P.)	Sathamou	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		58	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	2000 Rm.	7.10000	59.16	2018-19
		59	Drainage Line Treatment (L.R.P.) (Ultakhanda Jan to Rail-Line)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2019-20
		60	Agri Field Bund (L.D.P.)	Barbistupur	15 No Dihjari	RM	355/RM	1000 Rm.	3.55000	30.00	2016-17
		61	Agri Field Bund (L.D.P.)	Barghopa	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		62	Agri Field Bund (L.D.P.)	Dihjari	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2016-17
		63	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		64	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2018-19
		65	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20

		66	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		67	Agri Field Bund (L.D.P.)	Ghohkuchi	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		68	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2018-19
		69	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2019-20
		70	Agri Field Bund (L.D.P.)	Hablakha	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2016-17
		71	Agri Field Bund (L.D.P.)	Jugurkuchi Sripur	-do-	RM	355/RM	500 Rm.	1.77500	14.79	2017-18
		72	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	500 Rm.	1.77500	14.79	2018-19
		73	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	500 Rm.	1.77500	14.79	2019-20
		74	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	500 Rm.	1.77500	14.79	2020-21
		75	Agri Field Bund (L.D.P.)	Keherua	-do-	RM	355/RM	500 Rm.	1.77500	14.79	2017-18
		76	Agri Field Bund (L.D.P.)	Khudra Bistupur	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2018-19
		77	Agri Field Bund (L.D.P.)	Nilpur	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2018-19
		78	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2019-20
		79	Agri Field Bund (L.D.P.)	1 No Sagarkuchi	-do-	RM	355/RM	500 Rm.	1.77500	14.80	2017-18
		80	Agri Field Bund (L.D.P.)	-do-	-do-	RM	355/RM	500 Rm.	1.77500	14.80	2018-19
		81	Agri Field Bund (L.D.P.)	2 No Sagarkuchi	-do-	RM	355/RM	500 Rm.	1.77500	14.80	2019-20
		82	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2020-21
		83	Agri Field Bund (L.D.P.)	3 No Sagarkuchi	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		84	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2018-19
		85	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2019-20
		86	Agri Field Bund (L.D.P.)	4 No Sagarkuchi	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		87	Agri Field Bund (L.D.P.)	Sahan Bistupur	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		88	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2018-19
		89	Agri Field Bund (L.D.P.)	Balipara	16 No Khatikuchi	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		90	Check Dam (Loose Boulder/ Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm x 2 Nos. = 60 Rm	6.00000	50.00	2018-19
		91	Water Harvesting Farm Pond	Barbhag Nalbari	-do-	m3	160/m3	2100 m3	3.40000	28.00	2016-17
		92	Agri Field Bund (L.D.P.) (near Atul Bora's house to Ghograpar)	Bhadra Bengal	-do-	RM	355/RM	1200 Rm.	4.26000	35.50	2016-17
		93	Agri Field Bund (L.D.P.) (Tamulpur PWD Road to Jajiabari PWD Road)	-do-	-do-	RM	355/RM	300 Rm.	1.06500	9.00	2017-18

		94	Agri Field Bund (L.D.P.) (Main Road to Milanjyoti M.E. School)	-do-	-do-	RM	355/RM	500 Rm.	1.77500	14.80	2018-19
		95	Driversion Channel (Brick) from Barakhat Tiniali to Barakhat Chuburi Temple.	-do-	-do-	RM	640/RM	1000 Rm.	6.40000	53.30	2019-20
		96	Agri Field Bund (L.D.P.)	Dalbari Kaniha	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		97	Water Harvesting Farm Pond	Khatikuchi	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		98	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		99	Water Harvesting Farm Pond	Pachim Nalbari	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		100	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		101	Water Harvesting Farm Pond	Panbari	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		102	Agri Field Bund (L.D.P.) (Ring Bund from Sahjahan Ali House to Sumesh Beh House at Uttakhanda Jan Panimazkuchi West Side.)	Panimazkuchi	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		103	Drainage Line Treatment (L.R.P.) (from Panimazkuchi Daab Pathar to Culvert & Prabin Kalita House to Upen Kalita Field.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2018-19
		104	Agri Field Bund (L.D.P.) (From Jogen Boro's House to Sambhu Medhi's House)	Pub Barsiral	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		105	Agri Field Bund (L.D.P.) (From Santanu Swargiyari's fishery to Nakul Medhi's House)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2018-19
		106	RCC Check Dam (G.C.P.) at Anil Boro's Land	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2019-20
		107	Water Harvesting Farm Pond	Arara	17 No Alliya	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		108	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		109	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		110	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		111	Drainage Channel (L.R.P.)	-do-	-do-	RM	355/RM	2000 Rm.	7.10000	59.20	2016-17
		112	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2018-19
		113	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2018-19
		114	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2019-20
		115	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2019-20
		116	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2020-21
		117	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2020-21
		118	Agri Field Bund	Bangaon	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18

			1. (From near Bhupen Sharma's house to Gopal Than) 2. (Near Gosai Kamal to South Pub Barsiral)					(2 Nos.)			
		119	Agri Field Bund (From near Fukan Das's house to Bhaben Das's house)	-do-	-do-	RM	355/RM	600 Rm.	2.13000	17.80	2018-19
		120	Drainage Channel Cuting (From Bangaon to Madhapur)	-do-	-do-	RM	355/RM	1200 Rm.	4.26000	35.50	2019-20
		121	Drainage Line Treatment (L.R.P.) 1. (Near Namati Ranjit Sarkar), 2. (Liyakat Ali House to North Milan Das House) 3. (Baralkuchi Bill from East Near Tinipukhuri RCC Channel)	Baralkuchi	-do-	RM	355/RM	2000 Rm. (3 Nos.)	7.10000	59.20	2016-17
		122	Agri Field Bund (L.D.P.) (Water Harvesting RCC Dakhin Near Milan Bazar to West Uttakhanda Jan)	Choto Alliya	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		123	Drainage Line Treatment (L.R.P.) with Diversion RCC Structure (from Somja Ali's house to Jainal Ali's house)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2018-19
		124	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2019-20
		125	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2020-21
		126	RCC Check Dam (G.C.P.)	Madhapur	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2020-21
		127	Water Harvesting Farm Pond	Namati	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		128	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		129	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	500 Rm.	1.77500	14.80	2016-17
		130	Water Harvesting Farm Pond	Narayangaon	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		131	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		132	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	500 Rm.	1.77500	14.80	2017-18
		133	Drainage Line Treatment (L.R.P.) (Near High School Chowk)	1 No Balitara	18 No Balitara	RM	355/RM	500 Rm.	1.77500	14.80	2016-17
		134	Agri Field Bund (L.D.P.) (Girin Haloi House to Kamal Talukdar House)	3 No Balitara	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		135	Drainage Line Treatment (L.R.P.) (Pub Balitara)	-do-	-do-	RM	355/RM	200 Rm.	0.71000	6.00	2016-17
		136	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2018-19
		137	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2019-20
		138	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2020-21

		139	RCC Check Dam (G.C.P.) at Nakhat Chuba (Near Chengnoi River)	4 No. Balitara	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2016-17
		140	RCC Check Dam (G.C.P.) at Nakhat Chuba (Near Chengnoi River)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2016-17
		141	RCC Check Dam (G.C.P.) at Nakhat Chuba (Near Chengnoi River)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2017-18
		142	River Training Project (Boulder Pitching)	-do-	-do-	Rm.	6300/Rm.	300 Rm.	18.90000	157.50	2017-18
		143	River Training Project (Eartehen Embankment with core wall)	-do-	-do-	Rm.	970/Rm.	1500 Rm.	14.55000	121.30	2017-18
		144	RCC Check Dam (G.C.P.)	Hahdali	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2019-20
		145	Renovation of RCC Check Dam	-do-	-do-	m2	47400/m2	12.65 m2	6.00000	50.00	2018-19
		146	RCC Check Dam (G.C.P.)	Nagaon	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2020-21
		147	Agri Field Bund (L.D.P.)	Chataibari	19 No Chataibari	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		148	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2017-18
		149	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm x 3 Nos = 90 Rm	9.00000	75.00	2018-19
		150	Agri Field Bund (L.D.P.) (Dhamdhama to 4 No Balitara)	Dhamdhama	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		151	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2020-21
		152	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		153	Development of Pond	Mohina	-do-	m3	160/m3	4200 m3	6.72000	56.00	2018-19
		154	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		155	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2019-20
		156	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2019-20
								Total	**943.61500**	**7864.33**	
04) Tihu Dev. Block	**PMKSY**	1	Water Harvesting Farm Pond	Bar Makhibaha	41 No. Makhibaha	m3	160/m3	2100 m3	3.40000	28.00	2016-17
		2	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		3	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		4	Water Harvesting Farm Pond	Khudra Makhibaha	-do-	m3	160/m3	2100 m3	3.40000	28.00	2016-17
		5	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		6	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19

		7	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		8	Water Harvesting Farm Pond	Saktipara	-do-	m3	160/m3	2100 m3	3.40000	28.00	2016-17
		9	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		10	Agri Field Bund (L.D.P.)	Bhathuakhana	42 No. Jalkhana Bhatuakhana	RM	355/RM	1000 Rm.	3.55000	29.60	2016-17
		11	Agri Field Bund (L.D.P.) with RCC Culvert 7 Nos.	Jalkhana	-do-	RM	355/RM	3000 Rm.	10.65000	88.75	2016-17
		12	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		13	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		14	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2019-20
		15	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2020-21
		16	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2020-21
		17	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	800 Rm.	2.84000	23.70	2016-17
		18	Water Harvesting Farm Pond	Nannattari	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		19	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		20	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		21	Drainage Line Treatment (L.R.P.) (Gojardal Bill to Tihu River)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	29.60	2016-17
		22	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2020-21
		23	Drainage Line Treatment (L.R.P.)	Niz Khana	-do-	RM	355/RM	800 Rm.	2.84000	23.70	2016-17
		24	Water Harvesting Farm Pond	Parmankhowa	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		25	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		26	Water Harvesting Farm Pond	Bargaon	43 No. Mathurapur	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		27	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		28	Drainage Channel (L.R.P.) (Hoka Jan to Burahdia River via. Haribhanga)	-do-	-do-	RM	355/RM	2000 Rm.	7.10000	59.20	2017-18
		29	Water Harvesting Farm Pond	Mathurapur	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		30	Agri Field Bund (L.D.P.) / Both side of Lawdingi Jan	Nakhara	-do-	RM	355/RM	2000 Rm.	7.10000	59.20	2018-19
		31	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		32	Water Harvesting Farm Pond	Piplibari	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		33	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		34	Water Harvesting Farm Pond	Ranakuchi	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		35	Development of Agri Field Bund (FromToumari to Ratanpur Village.)	Ratanpur	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		36	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19

		37	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		38	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		39	Drainage Channel (L.R.P.) (Bhalukmara Bill to Lawdingi Jan)	Bamunbari	44 No. Nathkuchi	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		40	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		41	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		42	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		43	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		44	Water Harvesting Farm Pond	Bhurkuchi	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		45	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		46	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		47	RCC Check Dam (G.C.P.)	Daloigaon	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2019-20
		48	Agri Field Bund (L.D.P.)	Niz Namati	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		49	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		50	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		51	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		52	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		53	Water Harvesting Farm Pond	1 No Nathkuchi	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		54	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		55	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		56	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	500 Rm.	1.77500	14.80	2020-21
		57	Water Harvesting Farm Pond	2 No Nathkuchi	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		58	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		59	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		60	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		61	Water Harvesting Farm Pond	Bali	45 No. Paschim Nambarbhag	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		62	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		63	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		64	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		65	Water Harvesting Farm Pond	Bhojkuchi	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		66	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		67	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		68	Water Harvesting Farm Pond	Haribhanga	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		69	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		70	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		71	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21

		72	Water Harvesting Farm Pond	Akhara	46 No. Pub Nambarbhag	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		73	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		74	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		75	Water Harvesting Farm Pond	Bakuajari	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		76	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		77	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		78	Water Harvesting Farm Pond	Barbhagjari	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		79	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		80	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		81	Water Harvesting Farm Pond	Barjhar	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		82	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		83	Water Harvesting Farm Pond	Dahkounia	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		84	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		85	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		86	Water Harvesting Farm Pond	Dipta	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		87	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		88	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		89	Water Harvesting Farm Pond	Gobradal	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		90	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		91	Water Harvesting Farm Pond	Sathikuchi	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		92	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		93	Water Harvesting Farm Pond	Suradi	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		94	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		95	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
								Total	**374.12500**	**3090.55**	
05) Paschim Nalbari	**PMKSY**	1	Water Harvesting Farm Pond	Piplibari	20 No. Pub Khetri Dharmapur	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		2	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		3	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		4	Drainage Line Treatment	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		5	Water Harvesting Farm Pond	Solmari	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		6	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		7	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		8	Water Harvesting Farm Pond	Amani	21 No. Uttar Khetri Dharmapur	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		9	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		10	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21

		11	Water Harvesting Farm Pond	Kendubari	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		12	Water Harvesting Farm Pond	Lakhopur	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		13	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		14	Drainage Line Treatment	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		15	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		16	Water Harvesting Farm Pond	Pakhura	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		17	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2020-21
		18	Water Harvesting Farm Pond	Dahudi	22 No. Dakhin Khetri Dharmapur	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		19	Drainage Line Treatment	-do-	-do-	RM	355/RM	500 Rm.	1.77500	14.80	2016-17
		20	Drainage Line Treatment	Ghilazari	23 No. Paschim Khetri Dharmapur	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		21	Drainage Line Treatment	Chamata	24 No. Dakhin Madhya Dharmapur	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		22	Drainage Channel (L.R.P.)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		23	Water Harvesting Farm Pond	Khata Rupiya Bathan	25 No. Rupiya Bathan	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		24	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	25.3 m2	12.00000	100.00	2020-21
		25	Water Harvesting Farm Pond	Bangaon	26 No. Bangaon	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		26	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		27	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		28	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		29	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	400 Rm.	1.42000	11.80	2018-19
		30	Water Harvesting Farm Pond	Bihampur	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		31	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		32	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	700 Rm.	2.48500	20.70	2017-18
		33	Water Harvesting Farm Pond	Khudra Khetri Barni	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		34	Water Harvesting Farm Pond	Simaliya	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		35	Water Harvesting Farm Pond	Niz Pakowa	27 No Panigaon	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		36	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20

		37	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		38	Water Harvesting Farm Pond	Panigaon	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		39	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		40	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		41	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		42	Water Harvesting Farm Pond	Santheli	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		43	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		44	Water Harvesting Farm Pond	Barnarddi	28 No. Barnarddi	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		45	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		46	Water Harvesting Farm Pond	Churchuri	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		47	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		48	Water Harvesting Farm Pond	Mohkhali	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		49	Water Harvesting Farm Pond	Barkhetri Barni	29(1) No. Dakhin Pakowa	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		50	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		51	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		52	Water Harvesting Farm Pond	Billeswar	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		53	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		54	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		55	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		56	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2018-19
		57	Water Harvesting Farm Pond	Nalicha	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		58	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		59	Water Harvesting Farm Pond	Jagara	30(2) No. Dakhin Pakowa	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		60	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		61	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		62	Water Harvesting Farm Pond	Bagurihati	31(3) No. Dakhin Pakowa	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		63	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		64	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		65	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		66	Water Harvesting Farm Pond	Batchar	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		67	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		68	Water Harvesting Farm Pond	Bhairaghol	32(4) No. Dakhin Pakowa	m3	160/m3	2100 m3	3.40000	28.00	2016-17

		69	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		70	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		71	Water Harvesting Farm Pond	Dangardi	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		72	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		73	Water Harvesting Farm Pond	Dehar Balowa	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		74	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		75	Water Harvesting Farm Pond	Gangapur	-do-	m3	160/m3	2100 m3	3.40000	28.00	2016-17
		76	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		77	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		78	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		79	Water Harvesting Farm Pond	Goalpara	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		80	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		81	Water Harvesting Farm Pond	Khakhrisal	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		82	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		83	Water Harvesting Farm Pond	Larkuchi	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		84	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		85	Water Harvesting Farm Pond	Mohbiyani	-do-	m3	160/m3	2100 m3	3.40000	28.00	2016-17
		86	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		87	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2016-17
		88	Water Harvesting Farm Pond	Belsor	33 No. Belsor	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		89	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		90	Afforestration	-do-	-do-	Ha	116000/Ha.	3.00 Hact.	3.48000	3.00	2020-21
		91	Water Harvesting Farm Pond	Kakaya	34 No. Kakaya	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		92	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		93	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
								Total	**341.76000**	**2796.30**	
06) Barkhetri Dev. Block	**PMKSY**	1	Agri Field Bund (L.D.P.)	Damdama Pathar	54 No Kekankuchi Kaplabari	RM	355/RM	1000 Rm.	3.55000	30.00	2016-17
		2	Drainage Line Treatment	-do-	-do-	RM	355/RM	500 Rm.	1.77500	14.79	2017-18
		3	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	60 Rm	6.00000	50.00	2019-20
		4	Development of Pond	1 No Kaplabari	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		5	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		6	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		7	Drainage Line Treatment	-do-	-do-	RM	355/RM	700 Rm.	2.48500	20.70	2017-18

		8	Drainage Line Treatment	-do-	-do-	RM	355/RM	700 Rm.	2.48500	20.70	2018-19
		9	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	90 Rm	9.00000	75.00	2020-21
		10	Afforestration	-do-	-do-	Ha	116000/Ha.	3.0 Hact.	3.48000	3.00	2020-21
		11	RCC Check Dam (G.C.P.)	1 No Kekankuchi	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2020-21
		12	Development of Pond	3 No Bartola	-do-	m3	160/m3	4200 m3	6.72000	56.00	2019-20
		13	Development of Pond	Gharua Baha Pathar	-do-	m3	160/m3	4200 m3	6.72000	56.00	2020-21
		14	Development of Pond	Barnibari	55 No Barnibari Naptipara	m3	160/m3	4200 m3	6.72000	56.00	2017-18
		15	Development of Pond	Naptipara	-do-	m3	160/m3	4200 m3	6.72000	56.00	2018-19
		16	Development of Pond	Amrattari	56 No Mugdi Rampur	m3	160/m3	4200 m3	6.72000	56.00	2020-21
		17	Drainage Line Treatment (L.R.P.)	Khudra Chinadi	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		18	Agri Field Bund (L.D.P.)	Sidalkuchi Lachima	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2016-17
		19	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		20	Water Harvesting Farm Pond	1 No Bartola	58 No Jaysagar Bartala	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		21	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		22	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		23	Water Harvesting Farm Pond	2 No Bartola	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		24	Development of Pond	Lowthari	-do-	m3	160/m3	4200 m3	6.72000	56.00	2019-20
		25	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2020-21
		26	Water Harvesting Farm Pond	Narayanpur	59 No Mukalmua Narayanpur	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		27	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		28	Drainage Line Treatment (L.R.P.)	1 No Kandhbari	60 No Kandhbari Dagapara	RM	355/RM	350 Rm.	1.24250	10.35	2016-17
		29	Drainage Line Treatment	3 No Kandhbari	-do-	RM	355/RM	700 Rm.	2.48500	20.70	2017-18
		30	Water Harvesting Farm Pond	Badani Akhiya	61 No Ghoga	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		31	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21

		32	Drainage Line Treatment	Ghoga	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		33	Development of Pond	2 No Ghoga	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		34	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		35	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		36	Water Harvesting Farm Pond	Satemari	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		37	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		38	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		39	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2017-18
		40	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2020-21
		41	Drainage Line Treatment (L.R.P.)	Hamlakur	-do-	RM	355/RM	300 Rm.	1.06500	8.87	2017-18
		42	Drainage Line Treatment (from Adabari to Sungarbari)	Adabari	62 No Loharkatha Adabari	RM	355/RM	1000 Rm.	3.55000	29.58	2016-17
		43	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2017-18
		44	Development of Pond	Goldighala	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		45	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		46	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		47	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		48	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	300 Rm.	1.06500	8.87	2016-17
		49	Check Dam (Loose Boulder/Earthen)	-do-	-do-	RM	10000/RM	30.00 Rm	3.00000	25.00	2018-19
		50	Water Harvesting Farm Pond	Hanapara (E)	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		51	Drainage Line Treatment (from Hanapara to Sutarkuchi)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2016-17
		52	Agri Field Bund (L.D.P.)	Loharkatha	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2016-17
		53	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		54	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		55	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		56	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		57	Drainage Line Treatment (from Loharkatha to Ghoga)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		58	Agri Field Bund (L.D.P.)	2 No Loharkatha	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		59	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		60	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		61	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		62	Drainage Line Treatment (from Ashraf Ali's house to Madhab Ali's house)	-do-	-do-	RM	355/RM	320 Rm.	1.13600	9.46	2017-18
		63	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2020-21
		64	Development of Pond	Sungarbari	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20

		65	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		66	Drainage Line Treatment (from Sungarbari to Goldighala)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		67	Water Harvesting Farm Pond	Sutarkuchi	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		68	Drainage Line Treatment (from Sutarkuchi to Balikuchi Hamlakur)	-do-	-do-	RM	355/RM	1500 Rm.	5.32000	44.00	2016-17
		69	Agri Field Bund (L.D.P.)	Bangnaputa	63 No Kalarchar	RM	355/RM	1500 Rm.	5.32000	44.00	2017-18
		70	Agri Field Bund (L.D.P.)	Kalarchar	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2018-18
		71	Agri Field Bund (L.D.P.)	N.C. Pub Kazia	-do-	RM	355/RM	600 Rm.	2.13000	17.75	2019-20
		72	Agri Field Bund (L.D.P.)	Balarchar	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2019-20
		73	Agri Field Bund (L.D.P.)	Lawtolipara	-do-	RM	355/RM	1000 Rm.	3.55000	29.58	2020-21
		74	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		75	Agri Field Bund (L.D.P.)	Bhangnamari	64 No Bhangnamari	Rm.	355/Rm.	2000 Rm.	7.10000	59.16	2019-20
		76	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		77	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		78	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		79	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		80	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		81	River Training Project (Boulder Pitching)	-do-	-do-	Rm.	6300/Rm.	500 Rm.	31.50000	262.50	2018-19
		82	Afforestration	-do-	-do-	Ha	116000/Ha.	3.0Hact.	3.48000	3.00	2020-21
		83	Agri Field Bund (L.D.P.)	Kurihamari	65 No Kurihamari Barsulia	Rm.	355/Rm.	1500 Rm.	5.32000	44.00	2017-18
		84	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		85	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		86	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2018-19
		87	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		88	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		89	Drainage Line Treatment	-do-	-do-	RM	355/RM	500 Rm.	1.77500	14.79	2017-18
								Total =	**402.82350**	**3288.28**	
07) Barbhag Dev. Block	**PMKSY**	1	Agri Field Bund (L.D.P.)	Bajali Udaypur	47(1) No Upar Barbhag	Rm.	355/RM	1000 Rm.	3.55000	30.00	2016-17
		2	Water Harvesting Farm Pond	Bangalmur	-do-	m3	160/m3	2100 m3	3.40000	28.00	2017-18
		3	Drainage Line Treatment	-do-	-do-	Rm.	355/RM	700 Rm.	2.48500	20.70	2016-17
		4	Agri Field Bund (L.D.P.)	Bar Barara	-do-	-do-	355/RM	500 Rm.	1.77500	14.80	2016-17
		5	Agri Field Bund (L.D.P.)	-do-	-do-		355/RM	500 Rm.	1.77500	14.80	2017-18

		6	Agri Field Bund (L.D.P.)	-do-	-do-	Rm.	355/RM	500 Rm.	1.77500	14.80	2018-19
		7	Agri Field Bund (L.D.P.)	Bari Datara	-do-	Rm.	355/RM	500 Rm.	1.77500	14.80	2016-17
		8	Agri Field Bund (L.D.P.)	-do-	-do-	Rm.	355/RM	500 Rm.	1.77500	14.80	2018-19
		9	Agri Field Bund (L.D.P.)	Barkulhati	-do-	Rm.	355/RM	700 Rm.	2.48500	20.70	2016-17
		10	Drainage Line Treatment	-do-	-do-	Rm.	355/RM	700 Rm.	2.48500	20.70	2016-17
		11	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.36000	28.00	2019-20
		12	Development of Pond		-do-	m3	160/m3	2100 m3	3.36000	28.00	2020-21
		13	Agri Field Bund (L.D.P.)	Baushi Udaypur	-do-	Rm.	355/RM	500 Rm.	1.77500	14.80	2017-18
		14	Agri Field Bund (L.D.P.)	-do-	-do-	Rm.	355/RM	500 Rm.	1.77500	14.80	2018-19
		15	Agri Field Bund (L.D.P.)	Jugurkuchi	-do-	Rm.	355/RM	600 Rm.	2.13000	17.75	2017-18
		16	Agri Field Bund with RCC Culvert 4 Nos. (From near Tanu Bhuya's house to Nripen Kalita's housr)	Khudra Kulhati	-do-	Rm.	355/RM	1500 Rm	5.32000	44.00	2017-18
		17	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2020-21
		18	Drainage Line Treatment	-do-	-do-	RM	355/RM	700 Rm.	2.48500	20.70	2016-17
		19	Agri Field Bund (L.D.P.)	Nanoi	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2017-18
		20	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2020-21
		21	Agri Field Bund (L.D.P.)	Pajipar	-do-	Rm.	355/RM	500 Rm.	1.77500	14.79	2016-17
		22	Drainage Line Treatment (L.R.P.) covering villeges Pajipar, 1 No Sonkuriha, Panbari, Khudra Kulhati & Sonkani	-do-	-do-	Rm.	355/RM	2500 Rm.	8.87500	73.95	2018-19
		23	Agri Field Bund (L.D.P.)	Panbari	-do-	Rm.	355/RM	1000 Rm.	3.55000	30.00	2017-18
		24	Agri Field Bund (From Pandula bridge to Bagal road)	Ranakuchi	-do-	Rm.	355/RM	1500 Rm	5.32000	44.00	2018-19
		25	Water Harvesting Farm Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		26	Agri Field Bund with 3 Nos. RCC Culvert (Kabarsthan to Barbhag Kalag H.S. School Field)	Bangnabari	-do-	Rm.	355/RM	1500 Rm.	5.32500	44.40	2017-18
		27	Development of Pond	-do-	-do-	m3	160/m3	4200 m3	6.72000	56.00	2020-21
		28	Drainage Line Treatment	-do-	-do-	Rm.	355/RM	700 Rm.	2.48500	20.70	2019-20
		29	Agri Field Bund (L.D.P.)	Sonkani	-do-	Rm.	355/RM	1000 Rm.	3.55000	30.00	
		30	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.36000	28.00	2019-20
		31	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.36000	28.00	2020-21
		32	Drainage Line Treatment	-do-	-do-	Rm.	355/RM	1000 Rm.	3.55000	30.00	2016-17
		33	Check Dam (Loose Boulder/ Earthen)	-do-	-do-	Rm.	10000/RM	30.00 Rm	3.00000	25.00	2017-18
		34	Check Dam (Loose Boulder/ Earthen)	-do-	-do-	Rm.	10000/RM	30.00 Rm	3.00000	25.00	2018-19
		35	Check Dam (Loose Boulder/	-do-	-do-	Rm.	10000/RM	30.00 Rm	3.00000	25.00	2019-20

			Earthen)								
		36	Check Dam (Loose Boulder/ Earthen)	-do-	-do-	Rm.	10000/RM	30.00 Rm	3.00000	25.00	2020-21
		37	Agri Field Bund (L.D.P.)	1 No Sonkuriha	-do-	Rm.	355/RM	500 Rm.	1.77500	14.79	2016-17
		38	Agri Field Bund (L.D.P.)	1 No Sonkuriha	-do-	Rm.	355/RM	500 Rm.	1.77500	14.79	2018-19
		39	Drainage Line Treatment (Kalag Medical Field to Arengamou Field)	Kalag	48(2) No Upar Barbhag	Rm.	355/RM	3000 Rm.	10.65000	88.75	2017-18
		40	Agri Field Bund	Katalkuchi	-do-	Rm.	355/RM	300 Rm.	1.06500	8.88	2016-17
		41	Agril Bundh from Katalkuchi to Sonkani	-do-	-do-	Rm.	355/RM	1000 Rm.	3.55000	30.00	2018-19
		42	Agri Field Bund (From Arangamou bridge to Raitkuchi)	Arangamou	49(3) No Upar Barbhag	Rm.	355/RM	1000 Rm.	3.55000	30.00	2017-18
		43	Agri Field Bund (From Mathurachal RCC bridge to Sanapara)	-do-	-do-	Rm.	355/RM	1000 Rm.	3.55000	30.00	2018-19
		44	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.36000	28.00	2016-17
		45	Development of Pond	Dokoha	-do-	m3	160/m3	2100 m3	3.36000	28.00	2017-18
		46	Development of Pond	Dokoha	-do-	m3	160/m3	2100 m3	3.36000	28.00	2018-19
		47	Development of Pond	Dokoha	-do-	m3	160/m3	2100 m3	3.36000	28.00	2019-20
		48	Development of Pond	Dokoha	-do-	m3	160/m3	2100 m3	3.36000	28.00	2020-21
		49	Drainage Channel (L.R.P.) (Nakheti to SathA Channel via Raitkuchi)	Nakheti	-do-	Rm.	355/RM	1000 Rm.	3.55000	30.00	2016-17
		50	Agri Field Bund (From Raimadha to Uttarkuchi)	Raimadha	-do-	Rm.	355/RM	1000 Rm.	3.55000	30.00	2017-18
		51	Development of Pond	Raitkuchi	-do-	m3	160/m3	4200 m3	6.72000	56.00	2020-21
		52	Drainage Line Treatment	-do-	-do-	Rm.	355/RM	700 Rm.	2.48500	20.70	2018-19
		53	Drainage Line Treatment (L.R.P.)	Bezkuchi	50(4) No Upar Barbhag	Rm.	355/RM	800 Rm.	2.84000	23.67	2017-18
		54	Agri Field Bund (L.D.P.)	Bihdia	-do-	Rm.	355/RM	1500 Rm.	5.32000	44.00	2016-17
		55	Drainage Line Treatment	-do-	-do-	Rm.	355/RM	700 Rm.	2.48500	20.70	2018-19
		56	Water Harvesting Farm Pond	Jugurbari	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		57	Drainage Line Treatment (L.R.P.)	Karia	-do-	Rm.	355/RM	2000 Rm.	7.10000	59.16	2017-18
		58	Water Harvesting Farm Pond	Bala	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		59	Drainage Line Treatment (L.R.P.)	Katpuha	-do-	Rm.	355/RM	800 Rm.	2.84000	23.67	2016-17
		60	Drainage Channel Cutting (L.R.P.)	-do-	-do-	Rm.	355/RM	1000 Rm	3.55000	30.00	2018-19
		61	Agri Field Bund (L.D.P.)	Ulabari	-do-	Rm.	355/RM	1000 Rm.	3.55000	30.00	2017-18
		62	Drainage Channel (L.R.P.)	Arikuchi	51(5) No	Rm.	355/RM	1000 Rm	3.55000	30.00	2018-19

					Upar Barbhag						
		63	RCC Check Dam (G.C.P.)	-do-	-do-	m2	47400/m2	31.6 m2	15.00000	125.00	2019-20
		64	River Training Project (Betkata)	-do-	-do-	Rm.	6300/RM	500.00	31.50000	262.50	2020-21
		65	Agri Field Bund (L.D.P.)	Ding Dingi	-do-	Rm.	355/RM	400 Rm.	1.42000	11.83	2016-17
		66	Agri Field Bund (L.D.P.)	Marowa	-do-	Rm.	355/RM	800 Rm.	2.84000	23.67	2017-18
		67	Drainage Line Treatment (Morowa to Madhapur)	-do-	-do-	Rm.	355/RM	1000 Rm.	3.55000	30.00	2018-19
		68	Drainage Line Treatment (L.R.P.)	Barkuriha	52(6) No Upar Barbhag	Rm.	355/RM	500 Rm.	1.77500	14.79	2016-17
		69	Agri Field Bund (L.D.P.)	Athgharia	53 No Sanekuchi	Rm.	355/RM	400 Rm.	1.42000	11.83	2016-17
		70	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.36000	28.00	2019-20
		71	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.36000	28.00	2020-21
		72	Agri Field Bund (From Bargasa Gaoburha's house to Uttarkuchi Field)	Bargacha	-do-	Rm.	355/RM	1000 Rm.	3.55000	30.00	2017-18
		73	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2020-21
		74	Drainage Line Treatment (L.R.P.)	-do-	-do-	RM	355/RM	1000 Rm.	3.55000	30.00	2018-19
		75	Development of Pond	Barsimaliya	-do-	m3	160/m3	2100 m3	3.36000	28.00	2019-20
		76	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.36000	28.00	2020-21
		77	Development of Pond	Samarkuchi	-do-	m3	160/m3	2100 m3	3.36000	28.00	2019-20
		78	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.36000	28.00	2020-21
		79	Drainage Line Treatment (from Bagalse road bridge to pandula bridge)	-do-	-do-	Rm.	355/RM	1000 Rm.	3.55000	30.00	2017-18
		80	Drainage Channel (L.R.P.)	-do-	-do-	Rm.	355/RM	700 Rm.	2.48500	20.70	2018-19
		81	Agri Field Bund (L.D.P.)	Sanekuchi	-do-	Rm.	355/RM	1000 Rm.	3.55000	30.00	2016-17
		82	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		83	Drainage Line Treatment (L.R.P.)	-do-	-do-	Rm.	355/RM	500 Rm.	1.77500	14.79	2017-18
		84	Agri Field Bund (L.D.P.)	Uttarkuchi	-do-	Rm.	355/RM	1000 Rm.	3.55000	30.00	2016-17
		85	Development of Pond	-do-	-do-	m3	160/m3	2100 m3	3.40000	28.00	2019-20
		86	Drainage Channel (L.R.P.)	-do-	-do-	Rm.	355/RM	200 Rm.	0.71000	5.92	2017-18
								Total	**331.38500**	**2766.13**	

Block Wise Existing Proposed Soil Conservation Schemes as per the approved DPRs of IWMP under Nalbari District

Sl. No.	Name of the Blocks/ Sub Division	Concerned Ministry / Department	Component	Activity	Total Number/ Capacity (Cum)	Command Area / Irrigation Potential (Ha)	Period of Implementation (5/7 Years)	Estimated cost (in lakhs)
	01) Pub Nalbari Development Block		PMKSY Watershed	**Newly created WHS**				
1		DoLR - MoRD		Farm Ponds	-	-	-	-
2		DoLR - MoRD		Check Dams (Loose Boulder)	8/760 m³	135.00	1st,2nd,3rd and 4th yr	16.20
3		DoLR - MoRD		RTP (Boulder Pitching)	-	-	-	-
4		DoLR - MoRD		Horticulture Plantation	5	8.00	1st,2nd,3rd,4th and 5th yr	10.20
5		DoLR - MoRD		Afforestration Plantation	1	2.00	1st,2nd,3rd,4th and 5th yr	3.20
6		DoLR - MoRD		Drainage Channel	-	-	-	-
7		DoLR - MoRD		LDP (Agri Field Bundh)	8/26555m³	263.00	1st, 2nd,3rd,4th and 5th yr	31.60
8		DoLR - MoRD		Drainage Line Treatment	6/10667 m³	147.00	1st,2nd,3rd,4th and 5th yr	17.60
				Renovated WHS				
9		DoLR - MoRD		Farm Pond/ Fishery	5/11602m³	95.00	1st,2nd,3rd,4th and 5th yr	18.68
							Total	**97.48**

Sl. No.	Name of the Blocks/ Sub Division	Concerned Ministry / Department	Component	Activity	Total Number/ Capacity (Cum)	Command Area/Irrigation Potential (Ha)	Period of Implemantation (5/7 Years)	Estimated cost (in lakhs)
	02) Madhupur Development Block		PMKSY Watershed	**Newly created WHS**				
1		DoLR - MoRD		Farm Ponds	-	-	-	-
2		DoLR - MoRD		Check Dams (Loose Boulder)	3/338m³	60	1st,2nd,3rd and 4th yr	7.2
3		DoLR - MoRD		RTP (Boulder Pitching)	-	-	-	-
4		DoLR - MoRD		Afforestration Plantation	2	5	1st,2nd,3rd,4th and 5th yr	8.35
5		DoLR - MoRD		Horticulture Plantation	1	2	1st,2nd,3rd,4th and 5th yr	3.0
6		DoLR - MoRD		Drainage Channel	-	-	-	-
7		DoLR - MoRD		LDP (Agri Field Bundh)	6/19075 m³	189	1st,2nd,3rd,4th and 5th yr	22.7
8		DoLR - MoRD		Drainage Line	5/10364m³	142	1st,2nd,3rd,4th and 5th yr	17.1

	02) Madhupur Development Block		PMKSY Watershed	Treatment				
				Renovated WHS				
9		DoLR - MoRD		Farm Pond/ Fishery	3/9975m³	50	1st,2nd,3rd,4th and 5th yr	16.06
							Total	74.41

Sl. No.	Name of the Block/ Sub Division	Concerned Ministry / Department	Component	Activity	Total Number/ Capacity (Cum)	Command Area/ Irrigation Potential (Ha)	Period of Implementation (5/7 Years)	Estimated cost (in lakh)
	03) Tihu Development Block		PMKSY Watershed	Newly created WHS				
1		DoLR - MoRD		Farm Ponds	-	-	-	-
2		DoLR - MoRD		Check Dams (Loose Boulder)	1/140 m³	25	1st,2nd,3rd,4th and 5th yr	3.0
3		DoLR - MoRD		RTP (Boulder Pitching)	-	-	-	-
4		DoLR - MoRD		Afforestration Plantation	-	-	-	-
5		DoLR - MoRD		Horticulture Plantation	-	-	-	-
6		DoLR - MoRD		Drainage Channel	-	-	-	-
7		DoLR - MoRD		LDP (Agri Field Bundh)	1/4034m³	40	1st,2nd,3rd,4th and 5th yr	4.8
8		DoLR - MoRD		Drainage Line Treatment	1/2727m³	37	1st,2nd,3rd,4th and 5th yr	4.5
9		DoLR - MoRD		RCC Check Dam	1/53250m³	75	1st,2nd,3rd,4th and 5th yr	9.0
				Renovated WHS				
10		DoLR - MoRD		Farm Pond/ Fishery	2/7180 m³	35	1st,2nd,3rd,4th and 5th yr	11.56
							Total	32.86

Sl. No.	Name of the Block/ Sub Division	Concerned Ministry/ Department	Component	Activity	Total Number/ Capacity (Cum)	Command Area/ Irrigation Potential (Ha)	Period of Implemantation (5/7 Years)	Estimated cost (in lakh)
	04) Borigog Bonbhag Development Block		PMKSY Watershed	Newly created WHS				
1		DoLR - MoRD		Farm Ponds	-	-	-	-
2		DoLR - MoRD		Check Dams (Loose Boulder)	1/140m³	25	1st,2nd,3rd,4th and 5th yr	3.0
3		DoLR - MoRD		RTP (Boulder Pitching)	-	-	-	-

4		DoLR - MoRD		Afforestration Plantation	-	-	-	-
5		DoLR - MoRD		Horticulture Plantation	2	2	1st,2nd,3rd,4th and 5th yr	3.0
6		DoLR - MoRD		Drainage Channel	-	-	-	-
7		DoLR - MoRD		LDP (Agri Field Bund)	2/4034m³	40	1st,2nd,3rd,4th and 5th yr	4.8
8		DoLR - MoRD		Drainage Line Treatment	2/4364m³	60	1st,2nd,3rd,4th and 5th yr	7.2
9		DoLR - MoRD		RCC Check Dam	-	-	-	-
				Renovated WHS				
10		DoLR - MoRD		Farm Pond/ Fishery	1/1590m³	15	1st,2nd,3rd,4th and 5th yr	2.56
							Total	**20.56**

Sl. No.	Name of the Block/ Sub Division	Concerned Ministry/ Department	Component	Activity	Total Number/ Capacity (Cum)	Command Area/ Irrigation Potential (Ha)	Period of Implementation (5/7 Years)	Estimated cost (in lakh)
				Newly created WHS				
1		DoLR - MoRD		Farm Ponds	8/43334m³	207	1st,2nd,3rd,4th and 5th yr	24.7
2		DoLR - MoRD		Check Dams (Loose Boulder)	11/760m³	135	1st,2nd,3rd,4th and 5th yr	16.2
3		DoLR - MoRD		RTP (Boulder Pitching)	-	-	-	-
4		DoLR - MoRD		Afforestration Plantation	1	3	1st,2nd,3rd,4th and 5th yr	3.48
5		DoLR - MoRD		Horticulture Plantation	1	2	1st,2nd,3rd,4th and 5th yr	2.89
6		DoLR - MoRD		Nursery Creation	1	4.19	1st,2nd,3rd,4th and 5th yr	2
7		DoLR - MoRD		Drainage Channel	1/2151m³	26	1st,2nd,3rd,4th and 5th yr	3.55
8		DoLR - MoRD		LDP (Agri Field Bund)	13/39622m³	410	1st,2nd,3rd,4th and 5th yr	47.15
9		DoLR - MoRD		Drainage Line Treatment	12/20727m³	289	1st,2nd,3rd,4th and 5th yr	34.2
10		DoLR - MoRD		RCC Check Dam	-	-	-	-
				Renovated WHS				
11		DoLR - MoRD		Farm Pond/ Fishery	9/35061m³	169	1st,2nd,3rd,4th and 5th yr	20.00
							Total	**154.17**

05) Pachim Nalbari Development Block

PMKSY Watershed

Sl. No.	Name of the Blocks/ Sub Division	Concerned Ministry/ Department	Component	Activity	Total Number/ Capacity (Cum)	Command Area / Irrigation Potential (Ha)	Period of Implementation (5/7 Years)	Estimated cost (in lakhs)
	06) Barkhetri Development Block		PMKSY Watershed	**Newly created WHS**				
1		DoLR - MoRD		Farm Ponds	27/42267m³	567	1st,2nd,3rd,4th and 5th yr	68.05
2		DoLR - MoRD		Check Dams (Loose Boulder)	8/648 m³	115	1st,2nd,3rd and 4th yr	13.80
3		DoLR - MoRD		RTP (Boulder Pitching)	2/116.50 m³	61	1st,2nd,3rd,4th and 5th yr	7.34
4		DoLR - MoRD		Afforestration Plantation	4	6	1st,2nd,3rd,4th and 5th yr	6.96
5		DoLR - MoRD		Drainage Channel	12/32000 m³	440	1st,2nd,3rd,4th and 5th yr	52.80
6		DoLR - MoRD		LDP (Agri Field Bund)	34/104453 m³	1051	1st,2nd,3rd,4th and 5th yr	124.30
7		DoLR - MoRD		Drainage Line Treatment	7/16554 m³	166	1st,2nd,3rd,4th and 5th yr	19.70
				Renovated WHS				
8		DoLR - MoRD		Farm Pond/ Fishery	7/10950 m³	30	1st,2nd,3rd,4th and 5th yr	17.63
							Total	**310.58**

Sl. No.	Name of the Block/ Sub Division	Concerned Ministry/ Department	Component	Activity	Total Number/ Capacity (Cum)	Command Area/ Irrigation Potential (Ha)	Period of Implementation (5/7 Years)	Estimated cost (in lakh)
	07) Borbhag Development Block		PMKSY Watershed	**Newly created WHS**				
1		DoLR - MoRD		Farm Ponds	-	-	-	-
2		DoLR - MoRD		Check Dams (Loose Boulder)	-	-	-	-
3		DoLR - MoRD		RTP (Boulder Pitching)	-	-	-	-
4		DoLR - MoRD		Afforestration Plantation	1	3	1st,2nd,3rd,4th and 5th yr	3.48
5		DoLR - MoRD		Horticulture Plantation	-	-	-	-
6		DoLR - MoRD		Brick Channel	1/495m³	26	1st,2nd,3rd,4th and 5th yr	3.18
7		DoLR - MoRD		Drainage Channel	20/41582m³	575	1st,2nd,3rd,4th and 5th yr	68.61
8		DoLR - MoRD		LDP (Agri Field Bund)	30/78865m³	780	1st,2nd,3rd,4th and 5th yr	93.85
9		DoLR - MoRD		Drainage Line Treatment	-	-	-	-
10		DoLR - MoRD		RCC Check Dam	-	-	-	-
				Renovated WHS				
11		DoLR - MoRD		Farm Pond/ Fishery	23/20410m³	585	1st,2nd,3rd,4th and 5th yr	70.63
							Total	**239.75**