

# GOVERNMENT OF NAGALAND PUBLIC HEALTH ENGINEERING DEPARTMENT









Annual Administrative Report 2023-24

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## INTRODUCTION

Public Health Engineering Department was established in 1974 after bifurcation of the water supply division from PWD. As per the Rules of Executive Business, the PHED is responsible for providing safe and potable drinking water supply, safe disposal of solid and liquid waste and environmental hygiene.

Water is best known as the elixir of life and its importance is crucial for equitable growth and development. Water being a natural resource is often left unattended and neglected. It is, however, becoming a scarce resource due to overuse and misuse. The Department has therefore, been striving to augment the existing water supply systems, regulate proper water distribution, manage water sources, implement roof top rainwater harvesting, rejuvenate traditional wells in water scarce areas and providing support to the Water and Sanitation (WATSAN) Committees managing rural water supply systems to further the objective of providing safe, adequate and sustainable drinking water.

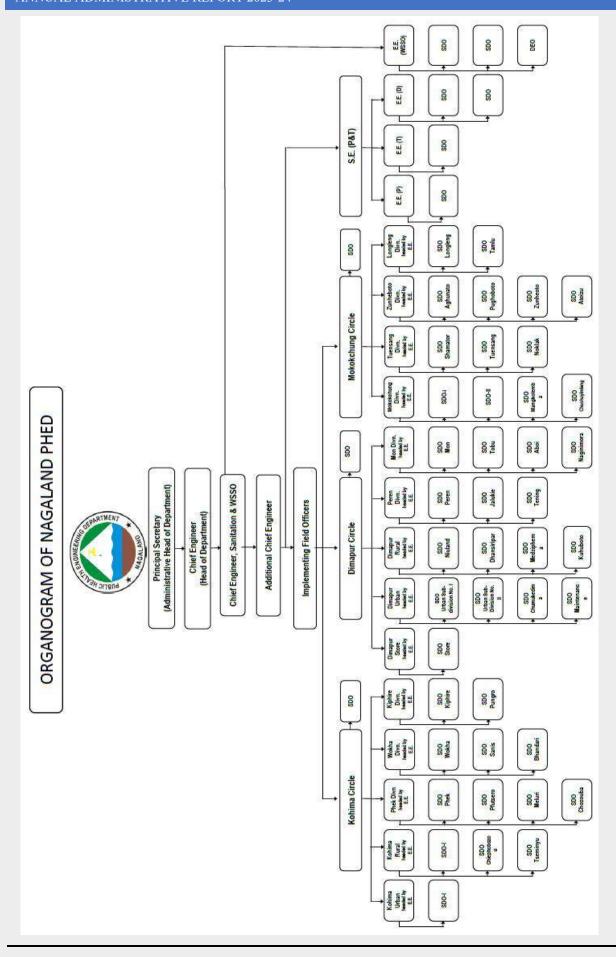
Alongside implementing drinking water supply schemes in both rural and urban areas, the Department under the Water and Sanitation Support Organization (WSSO) also implements sanitation programme and conduct seminars and workshops to educate the masses on the importance of sanitation in rural habitations to achieve Open Defectation Free status for ensuring the ultimate goal of good community health. More impetus has been given to sanitation sector with the launching of the Swachh Bharat Mission (Clean India Mission) by the Hon'ble Prime Minister of India during October 2014.

## ORGANIZATIONAL SETUP OF PHED

The Department is headed by the Principal Secretary as Administrative Head at the Government level and by a Chief Engineer at the Directorate level with 3 (three) Circles, 14 (fourteen) Divisions and 42 (forty two) Sub Divisions. The Department has a total of 1658 Regular Employees and 1156 Work Charged Employees as of January 2023 to carry out various Departmental activities.

The Department has a centrally sponsored Water and Sanitation Support Organization (WSSO) headed by Chief Engineer, Sanitation & WSSO, which looks after Swachh Bharat Mission (Grameen), Support Activities and Water Quality Monitoring & Surveillance (WQMS) of the Jal Jeevan Mission (JJM).

World Water Day – 22nd March World Environment Day- 5nd June Global Hand washing Day – 15nd October World Toilet Day – 19nd November Water Conservation Day – 19nd November



#### OVERVIEW OF ACTIVITIES OF THE DEPARTMENT

#### **RURAL WATER SUPPLY**

#### 1. Jal Jeevan Mission (JJM) 2019-2024

The Jal Jeevan Mission (JJM) introduced by the Government of India, Ministry of Jal Shakti, Department of Drinking Water & Sanitation is a significant initiative aimed at providing Functional Household Tap Connection (FHTC) to every rural household in the country by the year 2024. This mission involves the integration of the National Rural Drinking Water Programme (NRDWP) and has set a target to ensure a minimum water supply level of 55 litres per person per day.

During the fiscal year 2023-24, the Public Health Engineering Department (PHED) is actively involved in implementing JJM schemes in 1227 habitations. The primary objective is to provide functional household tap connections to a total of 1,27,323 households. As of date, 719 villages have already achieved 100% FHTC, earning the designation of "Har Ghar Jal villages," indicating that every household in these villages now has access to tap connections, contributing to improved water supply and sanitation.

This initiative reflects the government's commitment to enhancing rural water infrastructure, ensuring access to safe and reliable drinking water for every household in rural India. The focus on achieving 100% FHTC in designated villages demonstrates progress toward the overall goal of the Jal Jeevan Mission.

| Details of Har Ghar Jal (100 % FHTC Coverage) |               |              |                              |           |                             |          |           |
|---|---------------|--------------|------------------------------|-----------|-----------------------------|----------|-----------|
| S.No.   | District Name | No. of block | No. of Har Ghar<br>Jal Block |           | No. of Har Ghar Jal Village |          |           |
|   |               |              | Reported                     | Certified | No. of villages             | Reported | Certified |
| 1   | CHUMOUKEDIMA  | 2            | 0                            | 0         | 61                          | 22       | 6         |
| 2   | Dimapur       | 1            | 0                            | 0         | 56                          | 8        | 6         |
| 3   | Kiphire       | 5            | 4                            | 1         | 109                         | 108      | 84        |
| 4   | Kohima        | 5            | 0                            | 0         | 63                          | 9        | 2         |
| 5   | Longleng      | 3            | 0                            | 0         | 49                          | 21       | 17        |
| 6   | Mokokchung    | 9            | 0                            | 0         | 109                         | 39       | 31        |
| 7   | Mon           | 8            | 0                            | 0         | 139                         | 54       | 36        |
| 8   | NIULAND       | 3            | 0                            | 0         | 106                         | 54       | 37        |
| 9   | NOKLAK        | 3            | 0                            | 0         | 50                          | 29       | 16        |
| 10  | Peren         | 4            | 0                            | 0         | 104                         | 41       | 12        |
| 11  | Phek          | 8            | 0                            | 0         | 111                         | 62       | 29        |
| 12  | SHAMATOR      | 2            | 0                            | 0         | 30                          | 20       | 17        |
| 13  | TSEMINYU      | 2            | 0                            | 0         | 42                          | 19       | 9         |
| 14  | Tuensang      | 4            | 0                            | 0         | 62                          | 20       | 17        |
| 15  | Wokha         | 7            | 2                            | 0         | 148                         | 104      | 60        |
| 16  | Zunheboto     | 8            | 0                            | 0         | 186                         | 109      | 33        |
|   | Total         | 74           | 6                            | 1         | 1425                        | 719      | 412       |

## Status of Functional Household Tap Connection in Nagaland

| Sl.<br>No. | District     | Total No of<br>Villages | No of<br>FHTC | No of FHTC<br>provided as on<br>19-02-2024 |
|------------|--------------|-------------------------|---------------|--|
| 1          | TUENSANG     | 62                      | 15287         | 11582                                      |
| 2          | NIULAND      | 106                     | 9791          | 7718                                       |
| 3          | MOKOKCHUNG   | 109                     | 38473         | 30751                                      |
| 4          | КОНІМА       | 63                      | 30362         | 24432                                      |
| 5          | DIMAPUR      | 56                      | 37054         | 30051                                      |
| 6          | MON          | 139                     | 56577         | 45899                                      |
| 7          | CHUMOUKEDIMA | 61                      | 10065         | 8194                                       |
| 8          | PEREN        | 104                     | 19949         | 16878                                      |
| 9          | LONGLENG     | 49                      | 12463         | 10564                                      |
| 10         | NOKLAK       | 50                      | 12819         | 11092                                      |
| 11         | ZUNHEBOTO    | 186                     | 33350         | 29236                                      |
| 12         | PHEK         | 111                     | 32940         | 29074                                      |
| 13         | TSEMINYU     | 42                      | 12576         | 11112                                      |
| 14         | SHAMATOR     | 30                      | 7582          | 6747                                       |
| 15         | WOKHA        | 148                     | 24925         | 22193                                      |
| 16         | KIPHIRE      | 109                     | 14991         | 14991                                      |
| Total      |              | 1425                    | 369204        | 310514 (84.10%)                            |

## Gravity schemes under Jal Jeevan Mission-





DIVERSION WEIR AT YAKSHU VILLAGE, MON

DIVERSION WEIR
AT NIHOKHU VILLAGE, DIMAPUR



DIVERSION WEIR AND DESILTING TANK AT LUNTHUR VILLAGE, TUENSANG



 ${\bf MAIN\ RESERVOIR\ AND\ HAR\ GHAR\ JAL\ BOARD\ AT\ ANTONGER\ VILLAGE,\ KIPHIRE}$ 



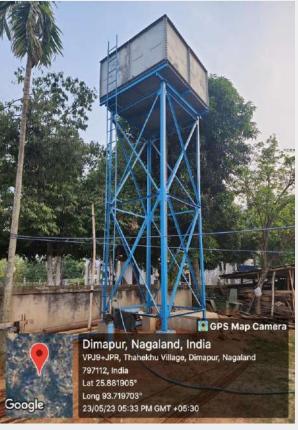
MAIN RESERVOIR AT POKPHUR VILLAGE, KIPHIRE



DISTRIBUTION TANK AT KEZO BASA VILLAGE, KOHIMA



DISTRIBUTION TANK AT YANPAN VILLAGE, MON



OVERHEAD DISTRIBUTION TANK AT THAHEKHU VILLAGE, DIMAPUR



DISTRIBUTION TANK AT CHAKPA VILLAGE, MOKOKCHUNG



#### DRILLING WORKS FOR DEEP TUBE WELLS AT ALICHEN, MOKOKCHUNG





IRON REMOVAL PLANT AT TOKISHE VILLAGE, NIULAND



IRP WITH OVERHEAD TANK AT SINGRIJAN VILLAGE, DIMAPUR



DEEP TUBE WELL WITH IRON REMOVAL PLANT AND OVERHEAD GMS TANK AT SOVIMA VILLAGE, DIMAPUR

## **Pumping schemes under Jal Jeevan Mission**



ONGOING PUMPING PROJECT AT TSAPHIMI VILLAGE, ZUNHEBOTO



DISTRIBUTION MANIFOLD FOR FHTC CONNECTION

## **Provision of FHTC under Jal Jeevan Mission**







FHTC AT WUI VILLAGE TUENSANG











FHTC AT UNDER DIMAPUR RURAL DIVISION





FHTC UNDER MON DIVISION





#### FHTC AT SETTSU VILLAGE, MOKOKCHUNG





FHTC AT VIPON VILLAGE DIMAPUR

## Pipe fitting under Jal Jeevan Mission











FITTING OF PIPES FOR JJM SCHEMES

# Community contribution under JJM

As part of the Jal Jeevan Mission Guidelines, the community has to contribute 5 % of the total cost of the project in cash, kind or labour. The State has seen communities rise up to the challenge and contribute towards achieving 100% functional house hold tap connection (FHTC) in their villages.

Additionally, the community is required to shoulder full responsibility of operation & maintenance of the completed village water supply schemes with local resources generated from collection of water user charges and other village development funds.



VILLAGERS HELPING IN LIFTING AND FITTING OF PIPES AT SHEIPU VILLAGE ZUNHEBOTO





WOMEN GROUP HELPING IN FITTING OF PIPES AT KIURO VILLAGE, KIPHIRE



HON'BLE MINISTER, PHE, SHRI. JACOB ZHIMOMI ATTENDING VIKSIT SANKALP YATRA ALONG WITH HON'BLE MoS KRISHNAN PAL GURJAR AT HOVISHE VILLAGE, NIULAND ON  $7^{\mathrm{TH}}$  JANUARY 2024





Hon'ble MLA Shri. Nyamnie Konyak Inaugurating the the Water Supply scheme implemented under JJM at Yakshu Village, Mon on 26<sup>th</sup> May 2023



RTD. CHIEF ENGINEER, ER. REPANGYANGBA LONGKUMER INAUGURATING WATER SUPPLY SCHEME AT RUZAPHEMA VILLAGE, DIMAPUR ON  $26^{\mathrm{TH}}$  SEPTEMBER 2023





UNION MINISTER OF STATE FOR RAILWAYS &TEXTILE, SMTI. DARSHANA JARDOSH, VISITING JJM WORKS AT KIRHA VILLAGE, CHUMOUKEDIMA ON 29<sup>TH</sup> AUGUST 2024

#### URBAN WATER SUPPLY

Urban water supply schemes taken up by the Department are funded by various Central Government Ministries such as Ministry of Housing and Urban Affairs, DoNER and also with State fund.

# 1. Augmentation of water supply to Zunheboto Town- Phase II (Commenced from 2016-17).

The Scheme for Augmentation of Water Supply to Zunheboto Town Phase-II was sanctioned during 2016-17 under State Plan with an estimated cost of ₹ 1658.13 lakh. Out of this approved cost, HUDCO has provided a loan of ₹ 500.00 lakh during 2016-17. The up-to date expenditure as on March 2023 is ₹ 860.00 lakh with a physical progress of 65%. During the year 2023-24, Rs. 100.00 lakh is earmarked under normal sectoral outlay and Rs. 700.00 lakh is provisioned under Special Assistance to States for Capital Investment, 2023-24 under Development (State) and the scheme is targeted for completion during 2023-24.

#### PROJECTS FUNDED BY OTHER MINISTRIES/ AGENCIES

#### i) Providing Water Supply to Samzuiram Village at Peren District (NLCPR):

The Project was sanctioned during the year 2017-18 for an estimated cost of ₹1893.16 lakh. With funding pattern of 90 (Centre): 10 (State) to provide water supply to Samzuiram Village having a population of 3909 with 932 households. Total fund released up to date is ₹1893.16 lakh lakh and the physical progress is 88%, the project is targeted for completion during 2023-24.

## ii) Development of Tourism related infrastructure at Tuophema Tourist village, Kohima District, Nagaland (Providing Drinking Water Supply infrastructure) under NESIDS

The project was sanctioned during the year 2019-20 for a vetted cost of Rs. 313.94 lakhs. The Project is under execution and the up to date physical progress is 93% and the financial progress is Rs. 129.00 lakhs (41%).

# iii) ENVIRONMENTAL IMPROVEMENT & SUSTAINABLE CONSERVATION OF TWIN LAKES IN MOKOKCHUNG

The Scheme for conservation of Twin Lakes, namely Amok Lushi (under Chuchuyimpang village) and Yimdong Awatsung (under Mokokchung village), was sanctioned for ₹25.83 crore by the Ministry of Environment, Forests & Climate Change, Govt. of India under the National Lake Conservation Plan. The expenditure up to date is ₹2396.46 lakh and physical progress is 92.38% till January 2024.

These two lakes, which are perhaps the only large natural water bodies near Mokokchung town, are highly polluted due to dumping of wastes and discharge of untreated liquid waste from the surrounding houses. The project objective is to conserve the lakes which can be sources of drinking water as well as for recreational activities such as angling and boating.

## **SWACHH BHARAT MISSION (GRAMEEN) Phase-II**

With the key objective of SBM(G) Phase I attained, the Government of India renewed its commitment further to enhance the sanitation and hygiene status in rural areas by launching of SBM(G) Phase-II of the programme. The Swachh Bharat Mission (Grameen) Phase-II is to sustain the Open Defectaion Free Status of villages and to improve the levels of cleanliness in rural areas through Solid and Liquid Waste Management activities, making villages ODF Plus.

ODF Plus activities under Phase II of Swachh Bharat Mission (Grameen) will reinforce ODF behaviors and focus on providing interventions for the safe management of solid and liquid waste in villages. The PHE Department has initiated Swachh Bharat Mission (Grameen) Phase –II (ODF Plus) from the FY 2020-21 and will continue till FY 2023-24, wherein, more emphasis will be made on access to safe toilet, Community sanitary complexes, solid waste disposal systems and grey water managements in the rural areas in addition to retrofitting of rural toilets and sanitary complexes to achieve ODF Plus status in rural villages. During 2022-23 schemes, activities such as construction of LOB- Individual Household Latrines (IHHLs), Community Sanitary Complexes (CSCs) and Solid and Liquid Waste Management (SLWMs), Plastic Waste Management Unit (PWMU) and IEC activities and Capacity Building Training were taken up.



Pic. World Environment Day cleanliness drive organised by WSSO, PHED under the theme "BEAT PLASTIC POLLUTION" on 5<sup>th</sup> June, 2023

# Photographs of Swachh Bharat Mission Works



Community Sanitary Complex constructed by PHED Dimapur under SBM(G) at Dhansiripar HQ



Community Sanitary Complex constructed by PHED Kohima under SBM(G) at Khonoma Village

## Plastic Waste Collection unit for Solid Waste Management under SBM G



LOWER GAILI VILLAGE, PEREN DISTRICT



KHUTSAMI VILLAGE, PHEK DISTRICT



LONGTING VILLAGE, MON



IMPUR VILLAGE, MOKOKCHUNG DISTRICT

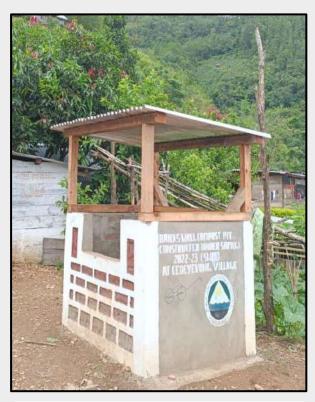
## Community Compost Pit for Solid Waste Management under SBM G



SINGRIJAN VILLAGE, DIMAPUR DISTRICT



KUTSAPU VILLAGE, PHEK DISTRICT



CEDEYEVONG VILLAGE, KIPHIRE DISTRICT



NAGHUTO OLD VILLAGE, ZUNHEBOTO DISTRICT

#### Construction of Community Soak Pits for Grey water Management under SBM G





NEW SANGSOMONG VILLAGE, TUENSANG DISTRICT

KASHANYISHI VILLAGE, KOHIMA DISTRICT

#### SUPPORT ACTIVITIES UNDER JAL JEEVAN MISSION

## i) Information Education and Communication (IEC):

The Department through WSSO has been intensifying IEC Activities on Swachh Bharat Mission and Rural Water Supply through various platforms such as NGOs, Women, Youth and Student Organizations, ASHA and Angwanwadi workers, Schools etc.

Some activities aimed at awareness creation are:

- Social Behavioral Change Communication (SBCC).
- Participatory Rural Appraisal (PRA).
- Inter Personal Communication (IPC).
- Rallies and Campaigns.

The main goal of the IEC Campaign is to enable and empower the rural community to involve, have greater sense of ownership and to take more active role in shouldering the responsibility of managing effectively the water and sanitation systems in the villages. Such campaigns are expected to trigger positive behavioral changes in community into adopting safe and sustainable practices.

Capacity building training on **Social Behaviour Change Communication** (**SBCC**) for JJM and SBM (G) in the month of July, 2023 in all the districts







Under the theme "Catch the Rain"

Launching of SBCC IEC materials by the Principal Secretary, PHED & NEIDA Team on 1st April, 2023





**Distribution of SBCC IEC materials and awareness** programme at Sangchen village, Tuensang and Khuza village, Phek

**SBCC activities with school children** – Drawing competition on WaSH, water quality awareness and FTK testing led by WQT





### PARTICIPATORY RURAL APPRAISAL

The PRA Exercises were undertaken with an objective to collect data, identify resources, and to find remedies with respect to issues related to sanitation and water supply, and to serve as a reference to ease community envisioning and action planning to improve their lifestyle and environment. Following reports from various divisions, respective village local bodies- WATSAN members, Village Council members, youth representatives, students, church leaders and Anganwadi workers along with staff of PHED and consultants present during the exercise. In the course of the training, problems related to water supply and sanitation were discussed and deliberated upon. Social mapping of the villages was done and focus group discussions were followed by transect walk around the villages, collecting water samples and testing on the spot.





## **PRA Exercise**

Socio-resource water mapping at Yimpang village under Tuensang district









Pic: State Level Orientation with District WASH Consultants at PHED Directorate on 21<sup>st</sup> April 2023



Pic (Left & Right):
Cleaning of water
sources and spring
storage tank by
WATSAN Committee
(O & M) at Phek
District and Limtsang
Village, Kiphire
district



World Environment Day Observed at different Districts of Nagaland under the theme "BEAT PLASTIC POLLUTION" on 5<sup>th</sup> June 2023











Pic(Left): State Level Coordination meeting with District ISAs under Jal Jeevan Mission (JJM) organized by WSSO PHED, at Tourist Lodge, Dimapur. (24th April, 2023)

Pic(Right): 3 Days Training on Ground water Source Sustainability by Govt. of India, Ministry of Jal Shakti CENTRAL GROUND WATERBOARD North Eastern Region, Guwahati. (June 20-22 2023)



Review meeting on the Implementation of JJM and SBM(G) in the North-Eastern State Chaired by Union Minister Shri. Gajendra Singh Shekhawat on 6<sup>th</sup> July 2023, Guwahati Assam.





One day State Level Orientation Programme for Jal Shakti Fellow and Interns under JJM support activity, PHED Nagaland, held at SIRD Auditorium Kohima on 13<sup>th</sup> July 2023



Shri. Bhanu Pratap Singh Verma, Hon'ble Union Minister of State on MSME visiting Jal Jeevan Mission #JJM scheme at Yuching village, Mon District during his visit on 12<sup>th</sup> September 2023





State level workshop on Swachh Survekshan Grameen (SSG) 2023 held at PHED Directorate Kohima on 14<sup>th</sup> July 2023(*Pic below*)



#### SWACHHATA HI SEVA

Swachhata Hi Seva campaign is celebrated during 15<sup>th</sup> September to 2<sup>nd</sup> October every year for undertaking shramdaaan activities aiming to generate Jan Andolan through community participation: to disseminate the importance of a Swachh Village: to reinforce the concept of Sanitation as everyone's business and to commemorate Swachh Bharat Divas (2<sup>nd</sup> October).





Under the theme "Garbage Free India"

State level Felicitation programme of Best Performing villages under SBM(G) & Best performing PHED Divisions under JJM in commemoration of Swachhata Hi Seva at Dimapur on 2<sup>nd</sup> Oct 2023. Hon'ble Minister Shri Jacob Zhimomi, PHED graced the occasion along with Smti. Sara S Jamir, DC Niuland and Shri Sachin Jaiswal, DC Dimapur.







World Toilet Day observed at different districts of Nagaland on 19<sup>th</sup> November 2023











Pic 3 days Faecal Sludge Management (FSM) Training at the PHE Directorate by PriMove India

## **IEC Awareness and WQMS wall painting**













Mass cleaning of landmark tourist site Kisama- Naga Heritage Village organised by Kohima Rural division and Urban division PHED and in collaboration with Sanitation and WSSO, PHED on 27<sup>th</sup> September 2023. The cleanliness drive was attended by Pheasama Village Council, WATSAN Committee Phesama, Phesama Youth Organisation, Phesama Students Union along with various concerned citizens. This cleanliness drive was conducted to commemorate the National Campaign "Swachhta Hi Seva" on the theme "Garbage free India." The event was attended by Shri E. Mhonbemo Patton, Principal Secretary PHED and Er. Repang Longkumer, Chief Engineer (HOD) PHED along with various departmental officials.







## Skill development training (Plumber, Fitter, Welder & Electrician) JJM









Hands on Skill development for O&M before handing over the schemes to the WATSAN committee at PHED Urban Division Dimapur, Dated 20.10.23







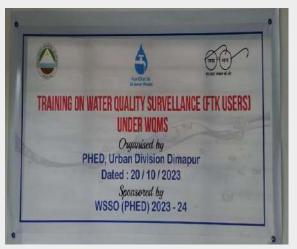
# WATER QUALITY MONITORING AND SURVEILLANCE UNDER JAL JEEVAN MISSION

Recognizing the importance and urgency of addressing drinking water quality problems in the country, the Govt. of India is addressing the problem in an ambitious way, especially with the ultimate objective of institutionalizing community participation in all rural habitations in water quality monitoring and surveillance. 2% of JJM fund is earmarked for Water Quality Monitoring & Surveillance (WQMS) to ensure quality of water for which village level functionaries are trained on water quality aspects-sampling, testing and monitoring to ensure safe drinking water at all times.

The emphasis of WQMS is on regular testing and documentation of water sample to monitor water quality and take preventive and remedial measures which would prevent outbreak of water borne diseases.

Normally water samples are tested twice in a year for Bacteriological and once for Chemical contamination.









Inauguration of District Water Quality Testing Laboratory, in different Districts of Nagaland by the respective DCs.

#### Awards

Nagaland was felicitated for achieving Rank 2 under Jal Jeevan Survekshan for Mon District and the award was received by Principal Secy to the Govt of Nagaland, PHED during the review meeting on the Implementation of JJM & SBM(G) held on 1<sup>st</sup> May 2023 at Guwahati by Hon'ble Union Ministry of Jal Shakti, Govt of India, for the North Eastern States.







Nagaland, crossed 75% FHTC
Coverage as on 31.07.2023, a
BIG MILESTONE! The
mission to provide safe
drinking water to all rural
households continues towards
saturation

## **Human Resource Development:**

WSSO and District Water and Sanitation Missions (DWSMs) conducted Trainings, Workshops and Orientation programmes for WATSAN Committee, VWSCs, Nigrani Samithi, Swachhagrahis, NGOs, Women, Youth, Students, ASHA and Anganwadi workers. The key messages were Good Sanitary practices viz. hand-washing, personal hygiene, community hygiene etc, risk of Open Defection and the benefits of toilet use, safe handling of water and water conservation to accelerate capacity for effective implementation of various water and sanitation programmes.



Photo: IEC on waste segregation at source through pamphlets in Dimapur

#### **GENDER BUDGETING:**

- \* The department encourages participation of women in planning and management of rural water supply and sanitation programmes.
- \* Involvement and participation of womenfolk and women NGOs in awareness campaigns since they are the most affected section in society in matters concerning water and sanitation.
- \* By providing drinking water and sanitation facilities through various programmes and plans, quality of life for women in many rural habitations are improved. They no longer need to walk long distances to fetch water and are in a better position to devote more time to other activities.

#### KNOWLEDGE CENTRE AND GRIEVANCE REDRESSAL CELL

Knowledge centre or centre of excellence was set up by the department for continuous research, studies, providing inputs for policy making, programme development etc. This will also be a centre for documenting best practises, success stories of villages in all districts. Further, publications of IEC (Information Education & Communication) materials for all departmental activities in vernacular and other languages will also be recorded in the library.

The State PHED has introduced a toll free number (+91 1800 345 3853) for lodging grievances related to Sanitation and water issues which are routed directly to the department officers under whose jurisdiction the grievance is lodged. Remedial actions to address grievances is taken up on priority and in a time bound manner.

## **Integrated Management Information System (IMIS)**

The Department has an Integrated Management Information System (IMIS), sponsored by the Ministry of Jal Shakti, Department of Drinking Water and Sanitation, Government of India, through which the Ministry monitor all centrally sponsored programmes. Online submission and monitoring of physical & financial progress reports, completion reports, updating information & data relating to water supply and sanitation, and correspondence with the Ministry are performed by IMIS Section.

#### REVENUE COLLECTION

The Department generates revenue by way of water fees from registered water consumers, mostly from urban areas of the State. Water fees from rural water consumers are collected by WATSAN Committees which augment the internal resources of the Committees for O&M of the village water and sanitation facilities, and therefore, do not contribute to the Department revenue. The Department is striving to improve the service delivery increase the quantum availability in urban water supply schemes through better O&M.

| Year    | Revenue realized (Rs in lakh) |
|---------|-------------------------------|
| 2019-20 | 236.34                        |
| 2020-21 | 243.18                        |
| 2021-22 | 227.25                        |
| 2022-23 | 254.19                        |
| 2023-24 | 207.45                        |
|         | (Upto Jan 2024)               |

#### MEASURES FOR MOBILIZATION OF WATER REVENUE

- Verification of water revenue collection system in major urban towns by Department appointed Revenue Review Teams. Findings and suggestions of the teams help improve revenue collection system and service delivery to water consumers.
- · Identification of unauthorized pipe connections, tampering of water pipes and pilferage of water by unauthorized connections, when detected, are registered and are served with water bills. Efforts are on to plug tampering of pipes and water pilferage with the support of local ward authorities.
- · Commercial establishments such as hotels, restaurants, private schools, private clinics etc. which are registered as Domestic Consumers are brought under Commercial Consumer category.
- Employees in-charge of water distribution system and revenue sections are sensitized on the importance of delivering better services to the consumers.
- · Introduction of water metering system for rationalization of water usage and billing.

## WATER SUPPLY CONSUMERS RULES, PROCEDURES AND TARIFFS

The Department follows the Nagaland Water Supply Consumer Rules 1998, the rates of which have been revised w.e.f. 9<sup>th</sup> April / 2010 as under:

| Sl.<br>No | Item  | Unit                  | Rate w.e.f. 01.04.2010 (in Rupees) |
|-----------|---|-----------------------|------------------------------------|
| 1         | Cost of application & MoU formats           | 1 No.                 | 20.00                              |
| 2         | Application fee for new normal connection   | 1 No.                 | 100.00                             |
| 3         | Application fee for temporary connection    | 1 No.                 | 150.00                             |
| 4         | Reconnection application fee for defaulters | 1 No.                 | 50.00                              |
| 5         | Reconnection charges for defaulters         | 1 No.                 | 250.00                             |
| 6         | Security deposit (refundable)               | 1 No.                 | 1000.00                            |
| 7(a)      | Water charges for metering                  |                       |                                    |
|           | system                                      | 1000 litres           | 50.00                              |
|           | Domestic use                                | 1000 litres           | 100.00                             |
|           | Commercial use                              | 1000 litres           | 150.00                             |
|           | Industrial use                              | 1 No.                 | 30.00                              |
|           | Meter fee PM                                |                       |                                    |
| 7(b)      | Non metering system                         |                       |                                    |
|           | Domestic consumer                           | 1 Point               | 100.00                             |
|           | Commercial consumer                         | 1 Point               | 350.00                             |
|           | Industrial consumer                         | 1 Point               | 500.00                             |
| 8         | Penalty for late payment of bills           | 2 <sup>nd</sup> Month | 10% of arrear                      |
|           |   | 3rd Month             | 25% of arrear                      |
| 9         | Reservoir 2000 litres provided              | 1 No.                 | 200.00                             |
| 10        | Meter Testing fee                           | 1 time                | 50.00                              |

Application for new connections from interested consumers can be submitted in the form prescribed by the Department. The Department shall supply the application form along with the Agreement form on a written request duly accompanied by a sum of Rs 20/- (Rupees Twenty) only addressed to the Executive Engineer concerned.

## **IMPLEMENTATION OF RTI ACT 2005**

With the introduction of the Right to Information Act 2005 (Central Act No. 22 of 2005), the Government has designated the following officers as (i) Public Information Officer (ii) Appellate Authority for performing functions under the said Act in respect of information under the control of the Public Health Engineering Department, Government of Nagaland (Notification No.PHE-2/WORKS/45/2005 Dated 21/11/2005).

| SI. no. | Division                   | Public Information Officer |
|---------|----------------------------|----------------------------|
| i.      | Kohima PHE Urban Division  | Executive Engineer         |
| ii.     | Kohima PHE Rural Division  | Executive Engineer         |
| iii.    | Dimapur PHE Urban Division | Executive Engineer         |
| iv.     | Dimapur PHE Rural Division | Executive Engineer         |
| v.      | Peren PHE Division         | Executive Engineer         |
| vi.     | Kiphire PHE Division       | Executive Engineer         |
| vii.    | Mon PHE Division           | Executive Engineer         |
| viii.   | Tuensang PHE Division      | Executive Engineer         |
| ix.     | Zunheboto PHE Division     | Executive Engineer         |
| x.      | Wokha PHE Division         | Executive Engineer         |
| xi.     | Phek PHE Division          | Executive Engineer         |
| xii.    | Mokokchung PHE Division    | Executive Engineer         |
| xiii.   | Longleng PHE Division      | Executive Engineer         |

**Appellate Authority:** Superintending Engineer of respective Circles

For Directorate level information: Addl. Chief Engineer, PHED

**Appellate Authority:** Chief Engineer, PHED

For Secretariat level information: Joint Secretary, PHED

**Appellate Authority:** Secretary, PHED

| Sl.<br>no. | Particulars   | Total<br>numbers |
|------------|---|------------------|
| 1          | Total number of RTI applications received               | 46               |
| 2          | Number of RTI applications disposed                     | 41               |
| 3          | Number of RTI applications withdrawn                    | Nil              |
| 4          | Number of RTI applications under process                | Nil              |
| 5          | No of RTI replies yet to be collected by the applicants | 5                |
| 6          | No of RTI Applications Transferred                      | 20               |