JJM Field-force Mobile app & Web panel

Introduction Training

13th Oct 2021

Digital Platforms of Jal Jeevan Mission

Har Ghar Jal
Jal Jeevan Mission

01 JJM IMIS

brings together all data, i.e tap connection provided at HHs, VAPs, DAPs, SAPs, VWSCs details, scheme completion data, scheme planning and expenditure data, financing and funding details, the progress of support activities, progress in priority areas etc.

02 JJM Dashboard

captures all essential monitoring parameters i.e., no. of FHTCs provided, changes after launch of mission, up to village level details, grievance redressal system, real time sensor based measurement and monitoring, availability of funding;

03 JJM WQMIS

all functional laboratory in the country are one click away from community so that anyone can identify the nearest water testing lab and can get their private water tested and get results digitally, so that trust can be built for the public water supply department ;

04 IoT Platform

to monitor Key Performance Indicators, and also ensure quick response, minimum service delivery outage, minimum water loss, optimise efficiency and monitor the quantity and quality on sustainable basis;

05 Mobile app

enables data collection for Paani Samiti/ VWSC, GPs and officials using mobile or laptop. The data will be regarding financial collection, progress of work, maintenance etc. of water pipes, water assets and other water related information at the village block level;

06 Analytical tool

to support data analysis, predictive analytics, monitoring and preparation of dashboards is needed. Analytical tool will identify and understand the features capabilities which are a must or are good to have and should generate dashboard;

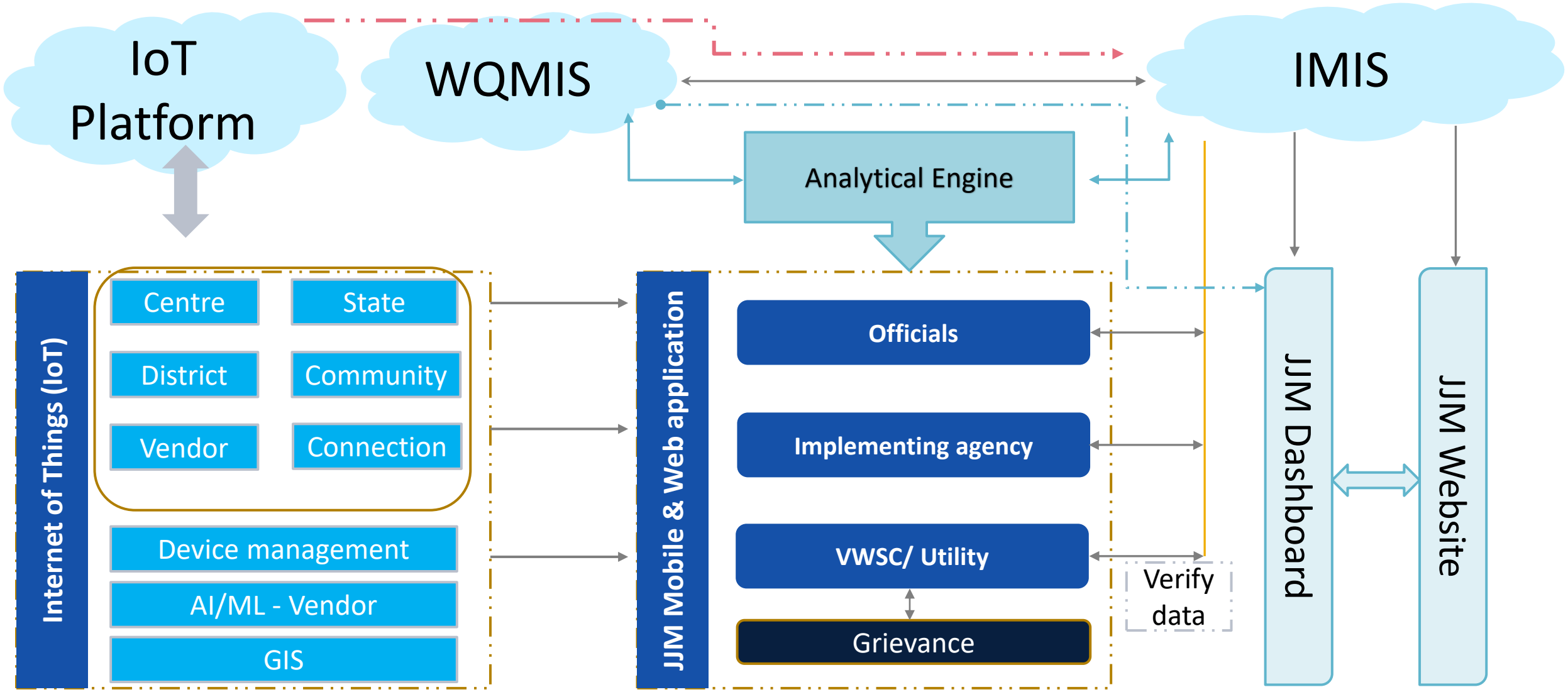
07 PFMS

Under JJM the online tracking of disbursement and expenditure being done through the use of the “Public Finance Management System (PFMS), which leads to transparency and prudent expenditure of public money;

08 JJM Website & RJJK Portal

Information about overall policy formulation, planning, financing and coordination for JJM. RJJK portal enables individuals/ organisations to donate/ contribute in making provision of clean drinking water in village of their choice

Relation between Digital Platforms of Jal Jeevan Mission



JJM Mobile and Web Application

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6 Lac+ Villages Covered

Target Users

For implementation workforce : Field Engineers / VWSC Pani Samiti- Village water utility

- Infrastructure details
- Beneficiary details
- Chemicals/ Stock information
- Financial details
- Add/delete tap water connections

Videos and other content for capacity building

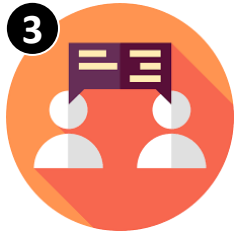
Grievance redress system

DWSM/ SWSM/ NJJM

- Remote monitoring of progress
- Timely identification of issues and potential risks

Data entry in Digital workflows

Progress Monitoring



Information and Capacity building

Development of local water utility

JJM Mobile and Web Application: Local water utility

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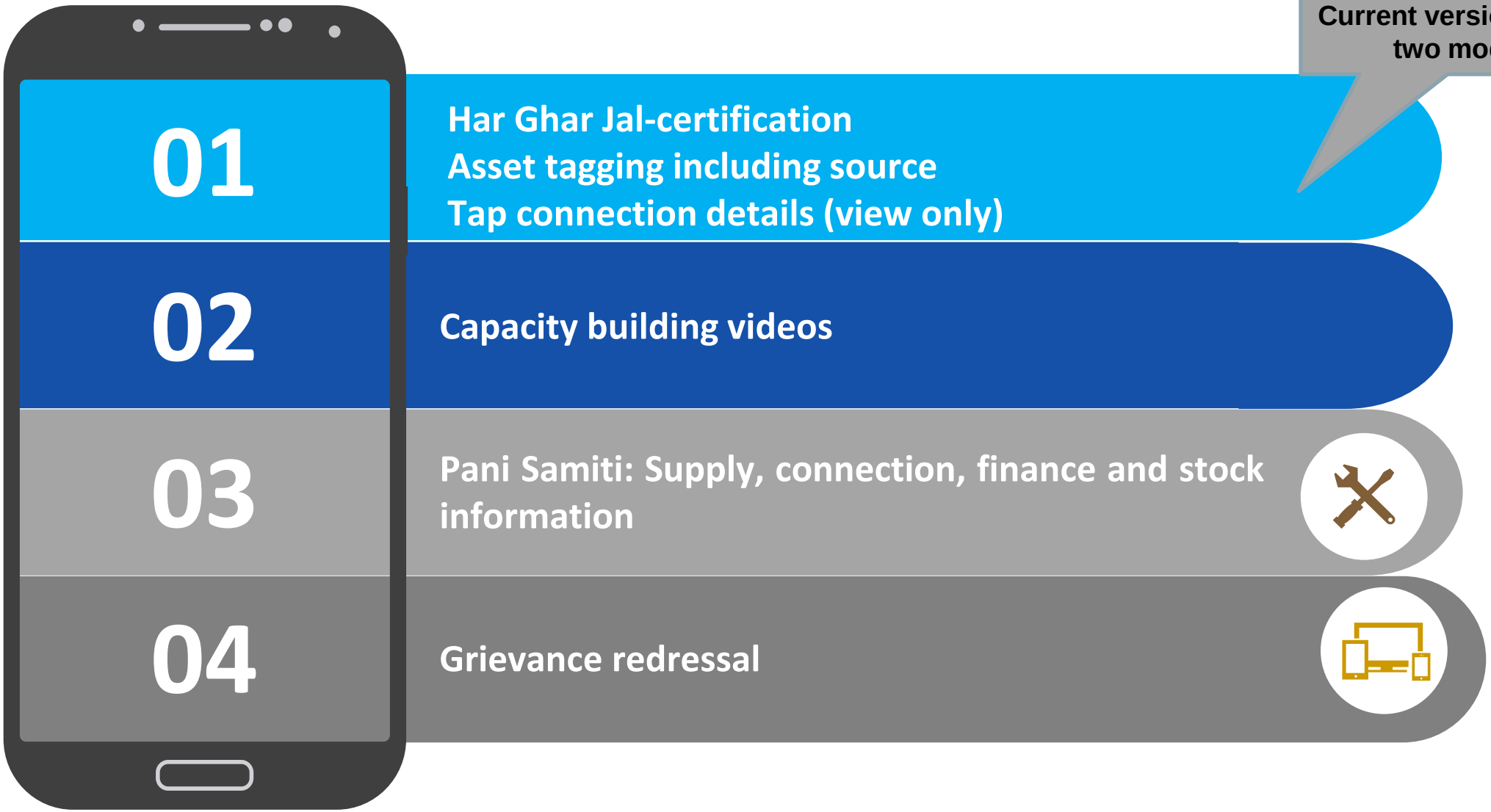
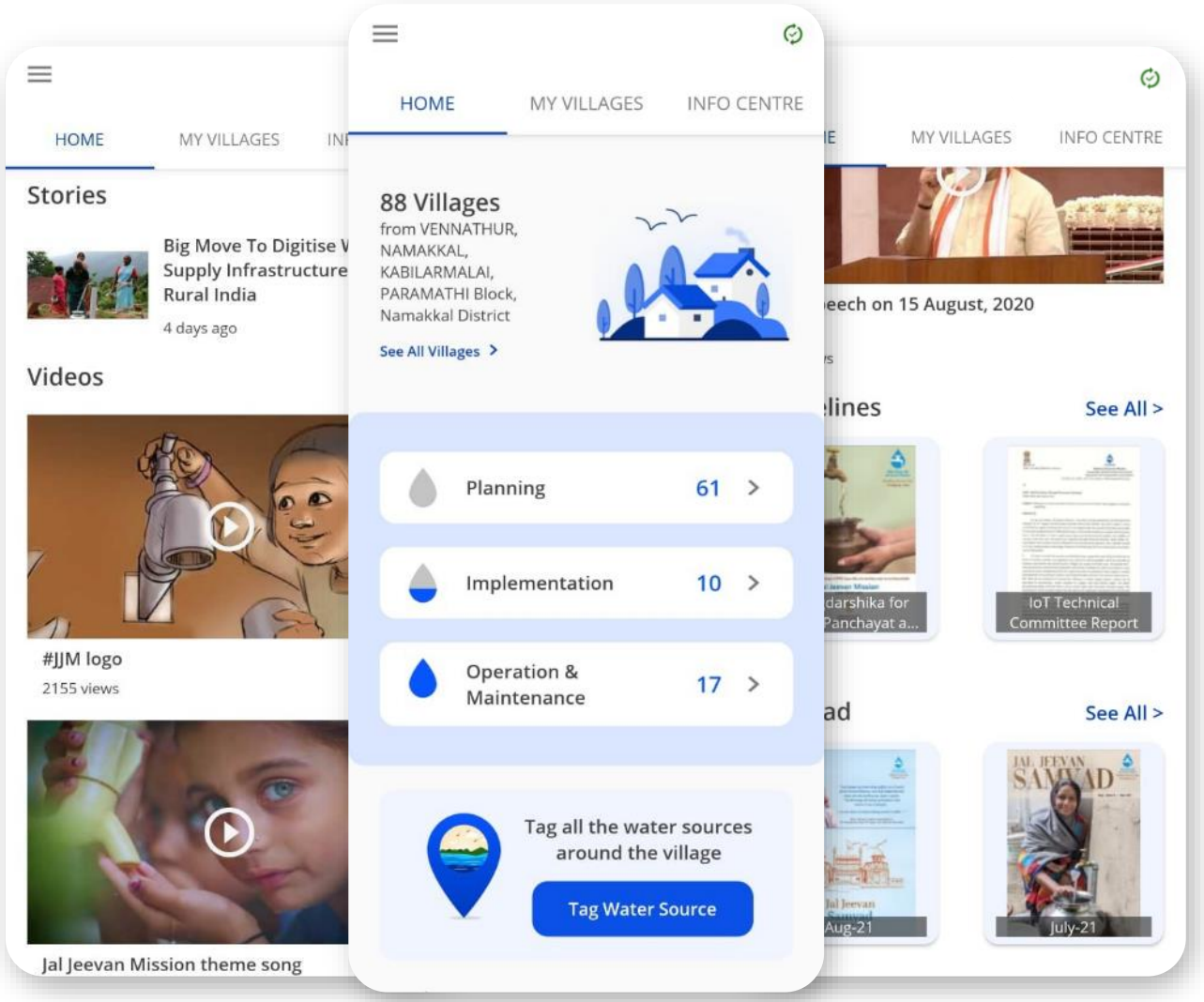


JJM App - Field engineer's view

This screen will appear as you login to the app



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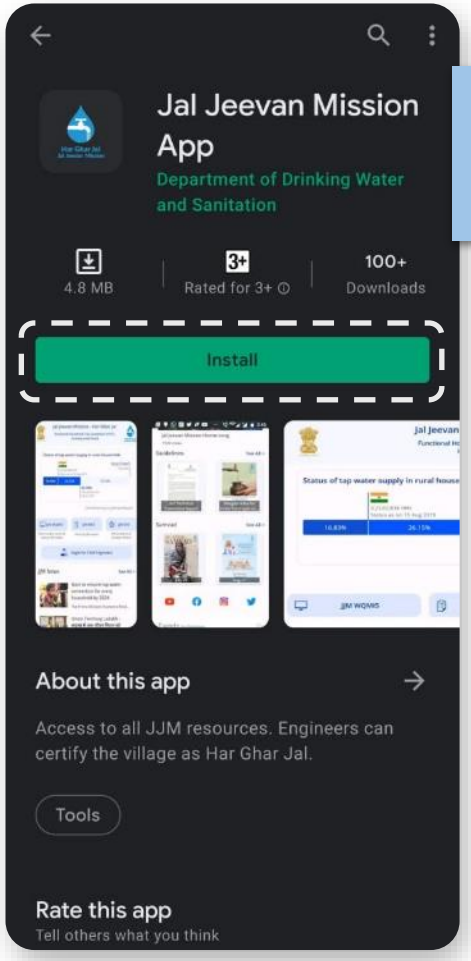
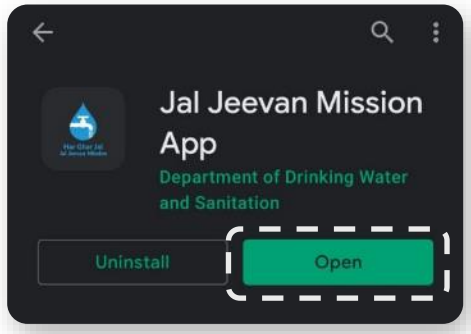
JJM Mobile App

Installing the App

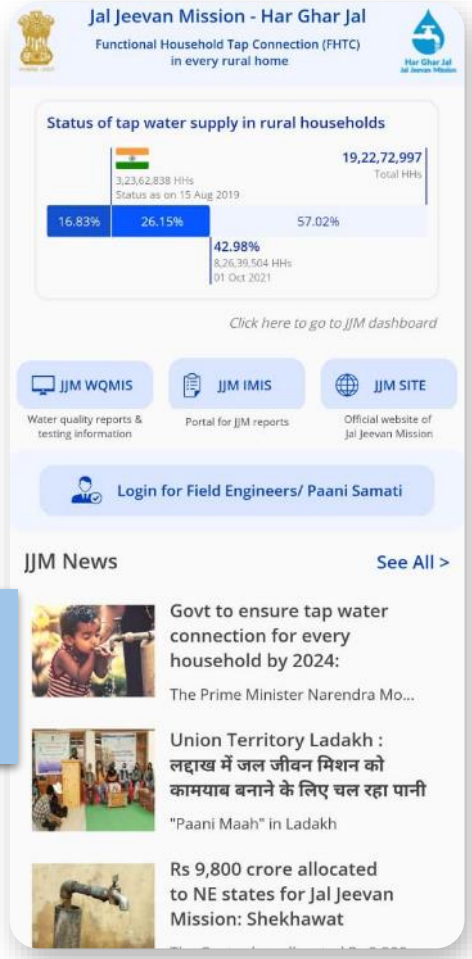
The steps to install the Jal Jeevan Mission Mobile App from the Google Play Store for Android Users are shown below.



Go to Google Play Store and search for 'Jal Jeevan Mission App'



This screen will appear when you click on 'Open'



Public View

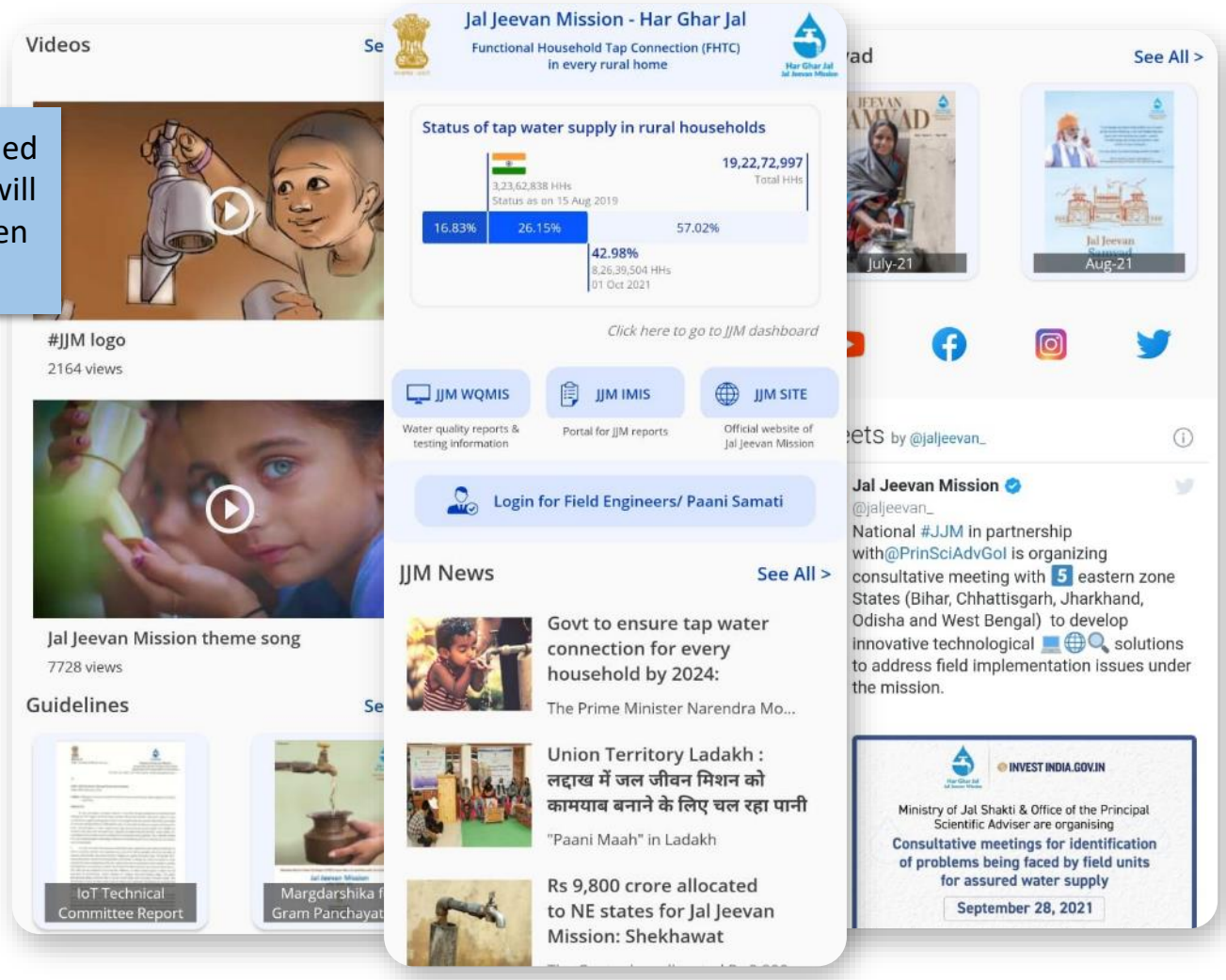
This is a one page access to all information related to JJM. It can be accessed by general public also.

You can find links to JJM WQ MIS, JJM IMIS, JJM Site and JJM dashboard here

Content related to JJM e.g., stories, videos, guidelines etc. is also available here

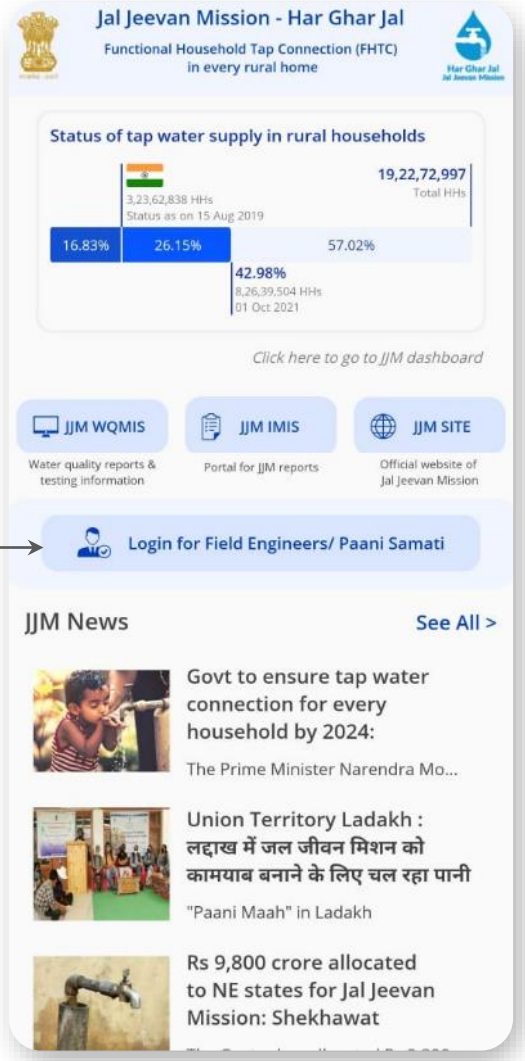
Social media channels of JJM like YouTube, Twitter can also be accessed from here for the latest updates on JJM

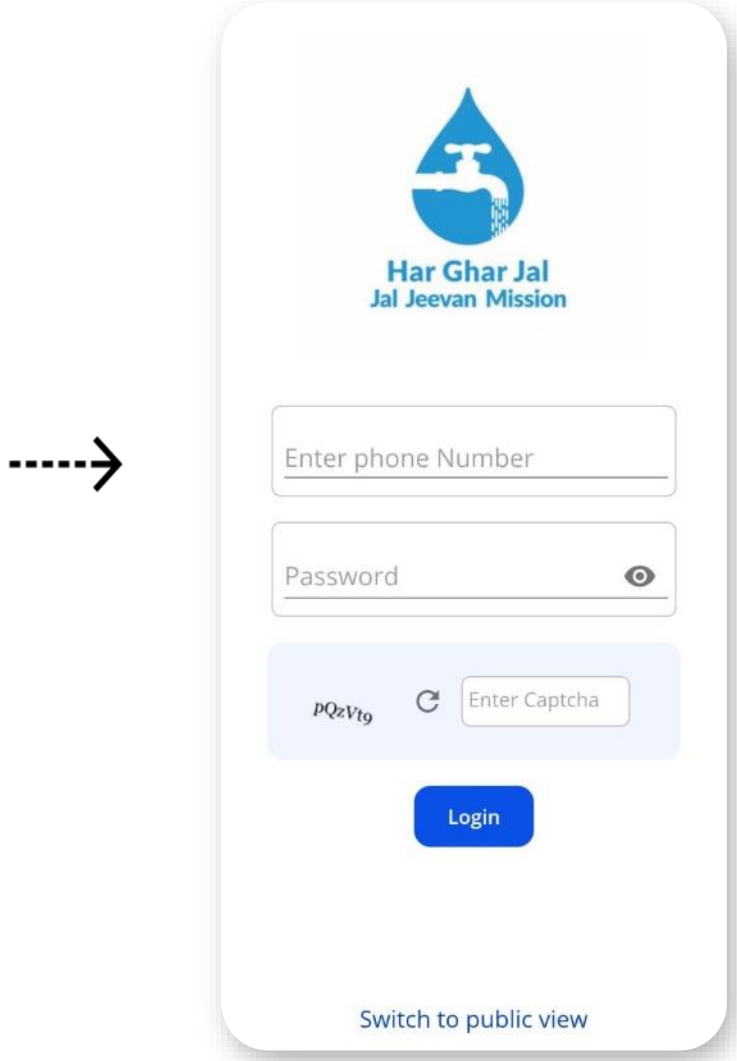
After you have installed the app, this screen will appear when you open the app



Login to the App

Clicking on “Login for Field Engineer/ Paani Samiti” will direct you to the login page on the right



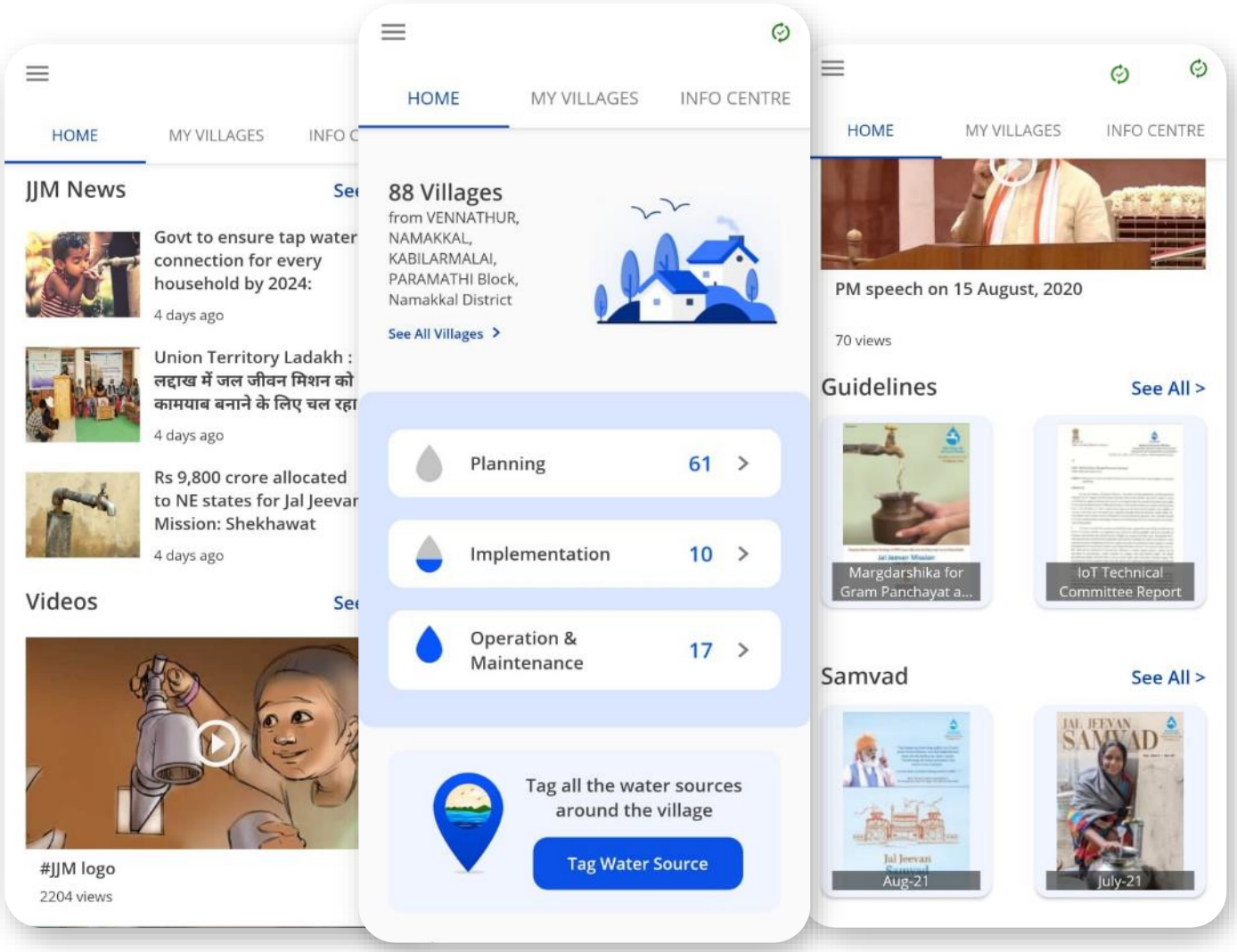


Enter your mobile number and password here to login to the app

Overview of the JJM Fieldforce App – How to Use the App

Home page (1/4)

This screen will appear as you login to the app

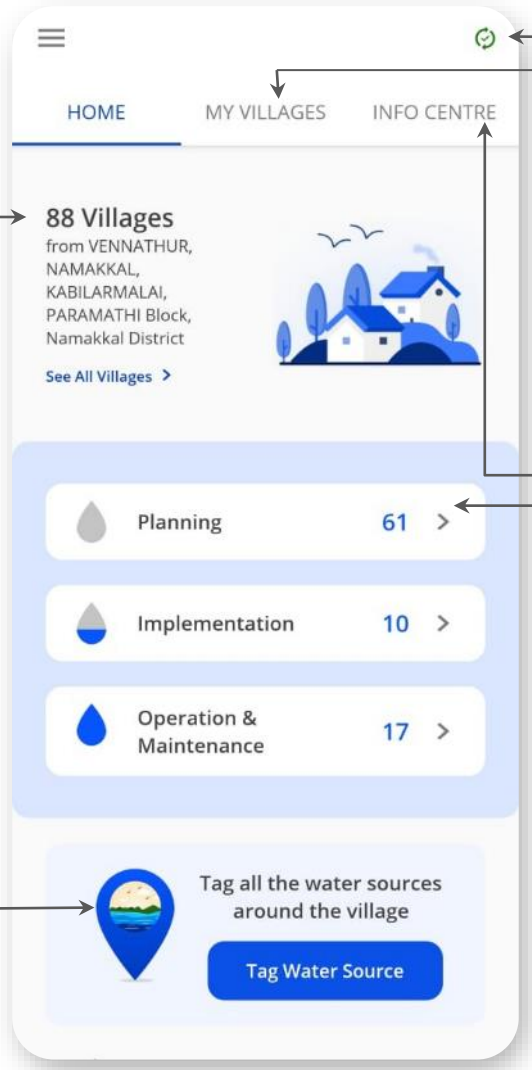


Home page (2/4)

This screen will appear as you login to the app

It shows the number of villages assigned from various blocks. By clicking “See all villages” you will reach the “My villages tab” where you can see the entire list

Shortcut button to tag water sources



Use this button to sync the app with server:

- Download latest village information
- Upload form data

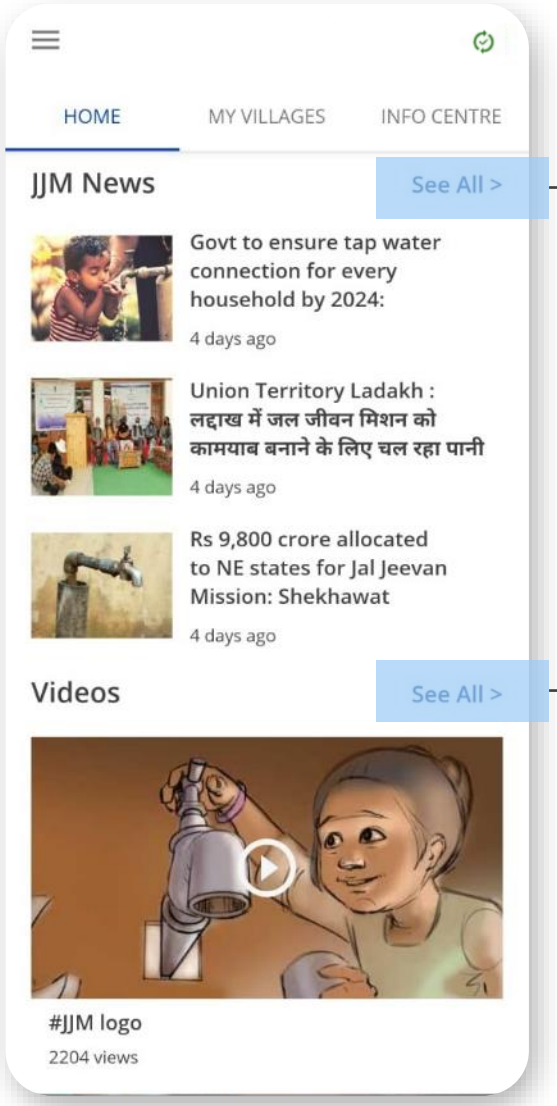
Orange Sync Button: Not Synced
Green Sync Button: Synced

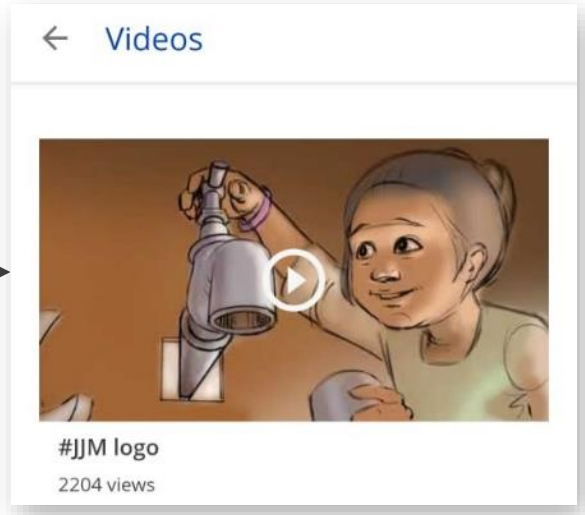
Under “My Villages” tab all the villages assigned to you will appear

Under Info Centre, you can access the content related to JJM to help you learn, grow, and perform better e.g., videos, FAQs, guidelines etc.

Villages are classified into different stages. You can click on these cards to view villages within that category

Home page (3/4)





'JJM News' and "Videos" are a collection of various topics related to the JJM:

- Overview
- Training
- Recent developments
- Success stories/ inspirational stories/ achievements
- Learnings and best practices

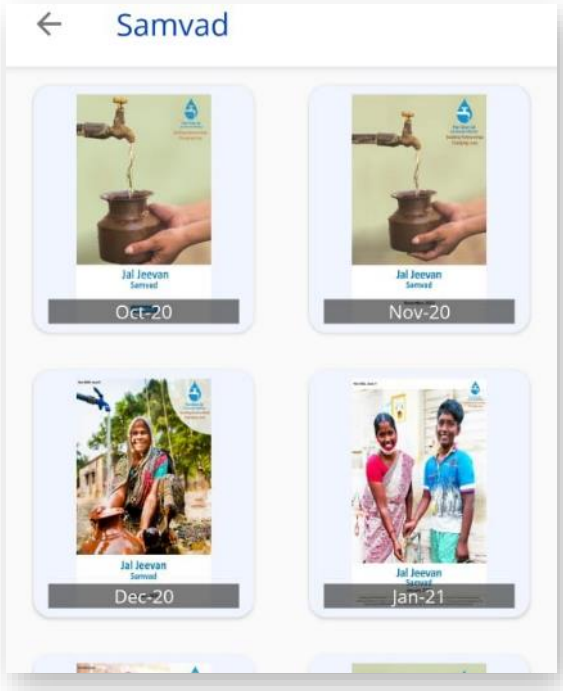
You can read the full JJM News by clicking on the image or title.

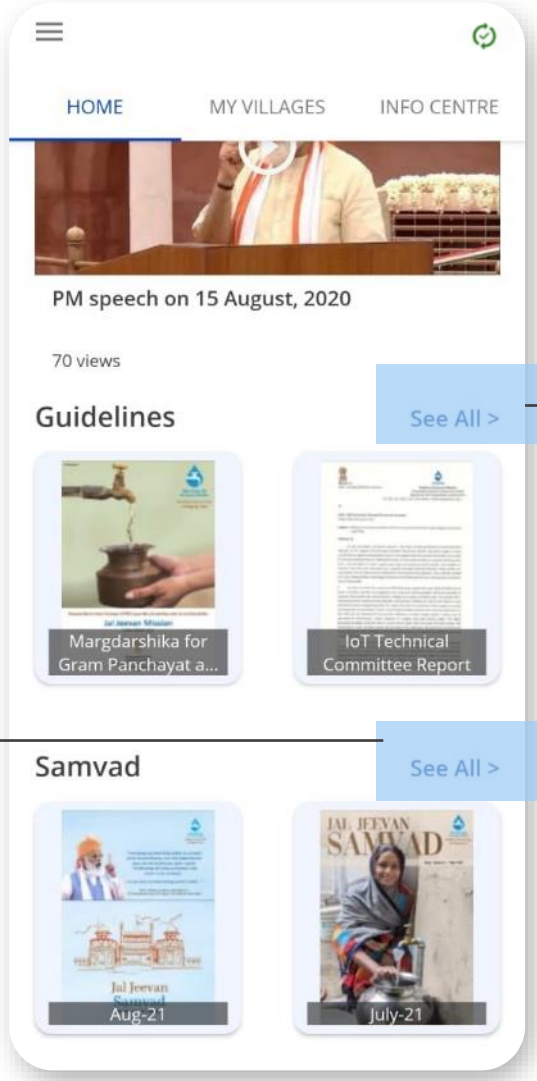
"See All" will take you to the entire list of JJM News.

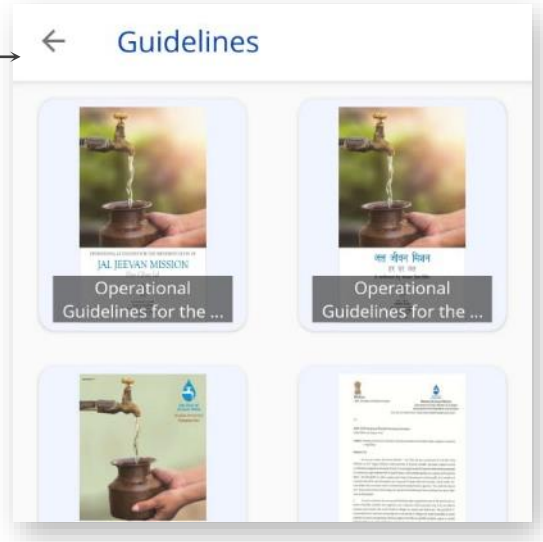
You can see the full video on YouTube by clicking on the thumbnail image or title of video.

"See All" will take you to the entire list of videos.

Home page (4/4)







"Samvad" is the monthly magazine which extensively covers JJM - progress, insights and opinions, success stories, recent initiatives etc.

In the "Guidelines" section, you can find JJM Guidelines on –

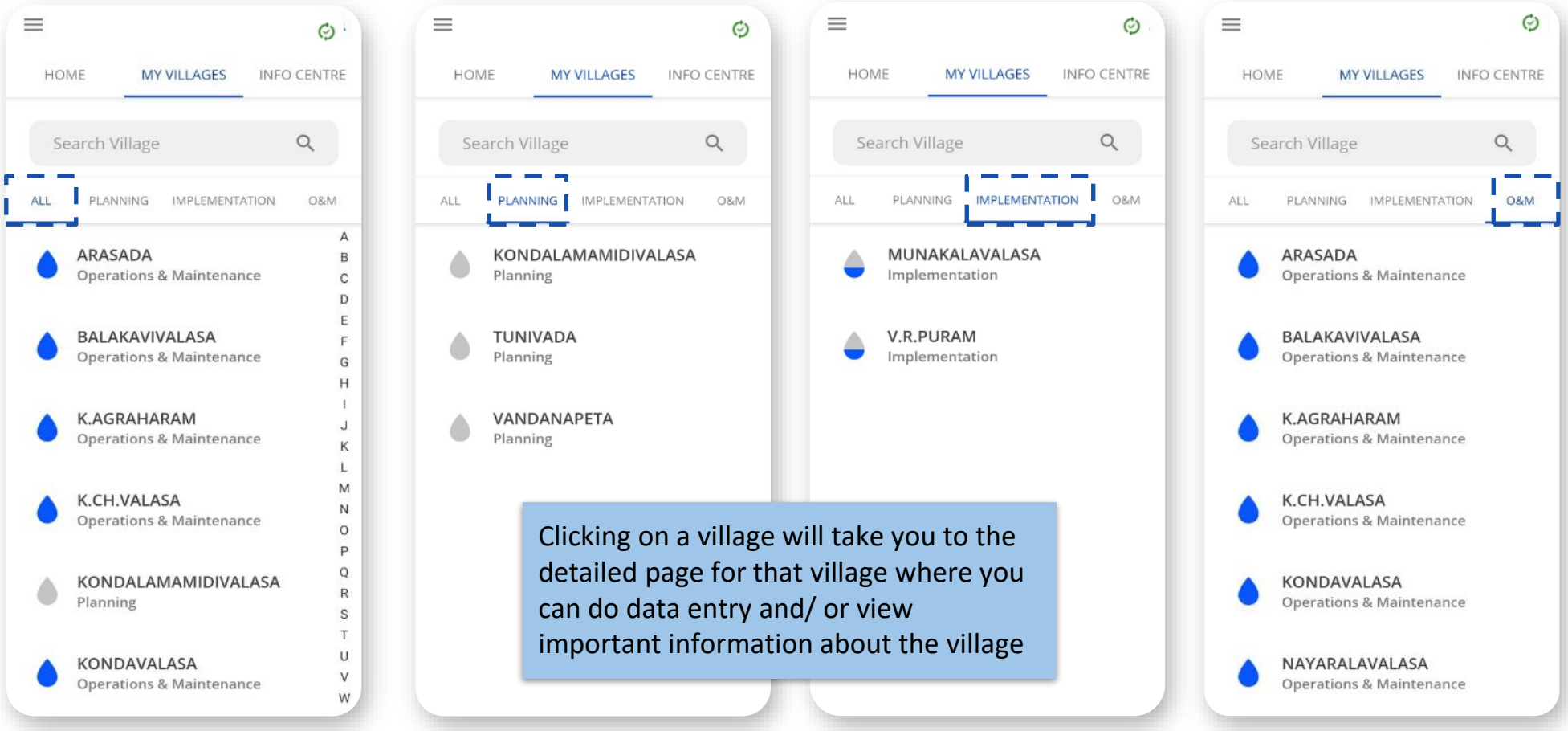
- Operational guidelines
- Technical committee report on Internet of Things (IoT) etc.

It is available in English and Hindi

My Villages Page

All the villages assigned to a field engineer will appear in this tab. He/ she can:

- Search a village in the search bar; or
- Filter using the stage



Milestones

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Planning

In the beginning all the villages are in the planning stage

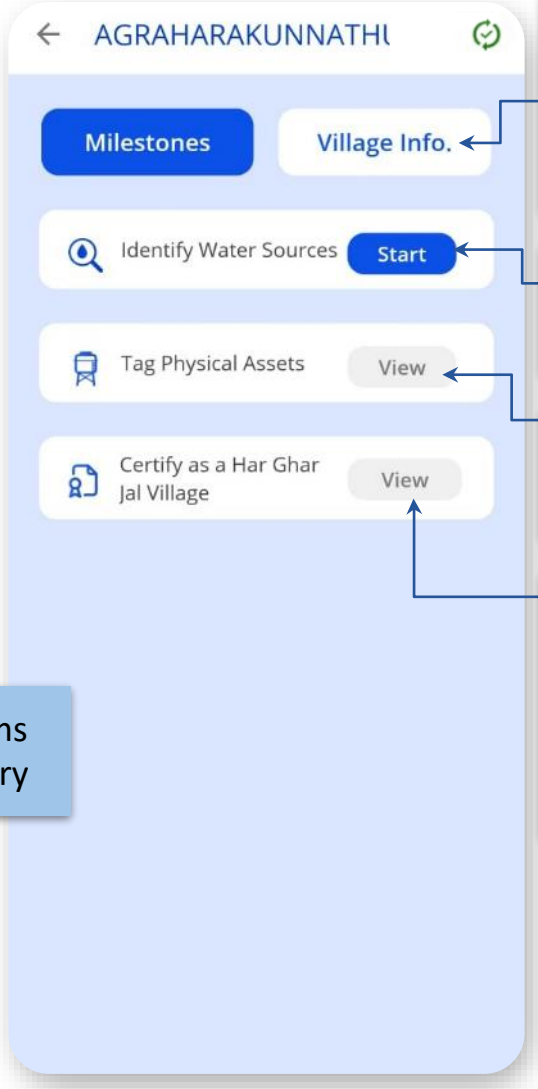
Add water source

Implementation

- Tag physical assets
- Apply for Har Ghar Village Certification

Operation and Maintenance

All the 3 forms are mandatory



Village info takes you to page where you can view details like population, FHTCs, habitation information, source information, contact details etc.

The no. of water source added will get updated here. For e.g. “3 added”

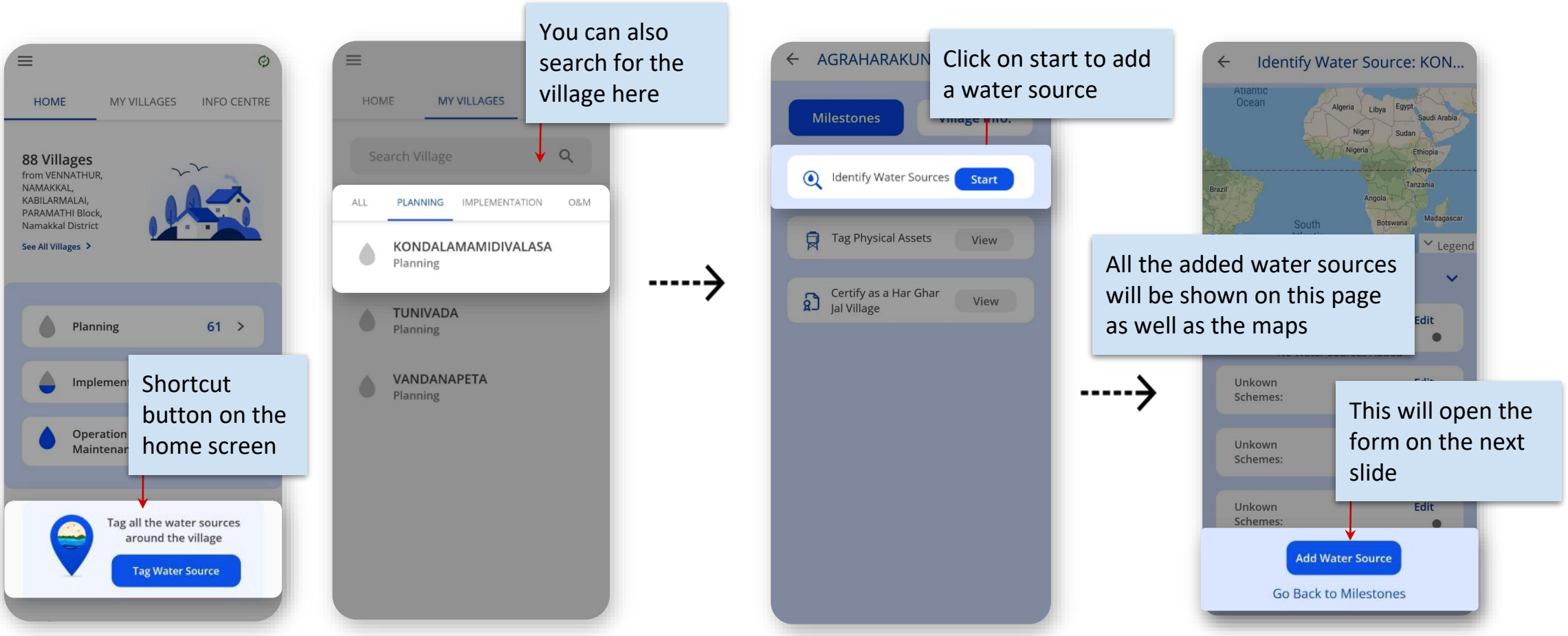
The no. of assets geo-tagged will get updated here. For e.g. “3 added”

Status of form as “Pending” and “Done” will be updated here. If the form has been rejected by the DWSM official, the status will show as “rejected”.

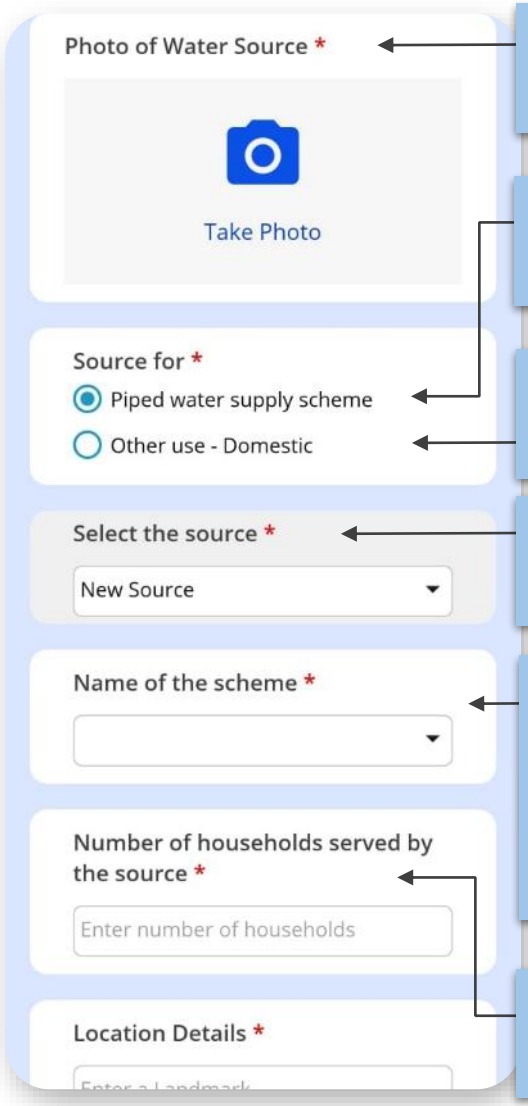
Identifying Water Sources (1/4)

For water sources – new and pre-existing sources in IMIS:

- Geo-tag water source
- Take photograph
- Enter water quality information and upload test report



Identifying Water Sources (2/4)



Date, time and geo-tagged location will be shown below the photo, after it has been taken.

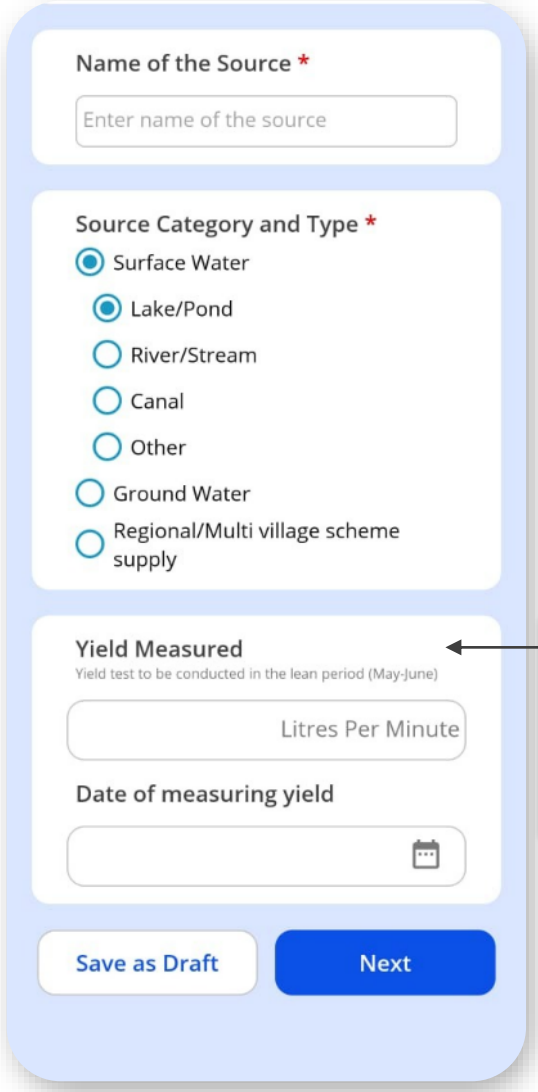
Select piped water supply scheme if the source is used to provide piped water supply

Select other use - domestic if piped water supply scheme is not applicable

When adding a new source – this drop down will be pre-filled and non-editable

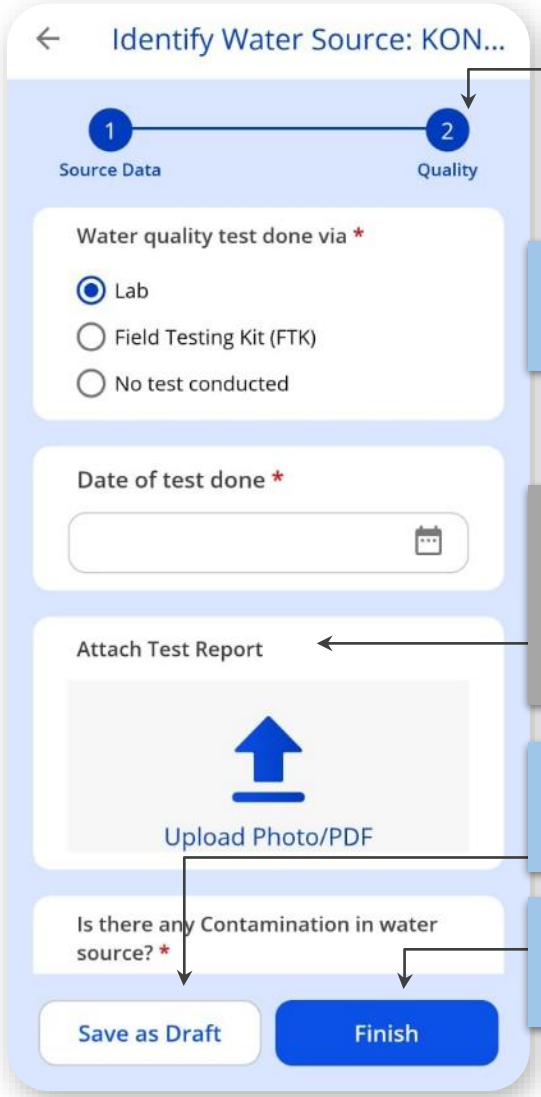
A dropdown will appear with the list of all PWS schemes in that village/block. Select the applicable scheme to which you want to tag the water source. You can also select “others” and type the name of the scheme in case it is not available in the list.

This field will be available only if the source is used to provide piped water supply



Some fields like yield may be unavailable for certain source types

Identifying Water Sources (3/4)



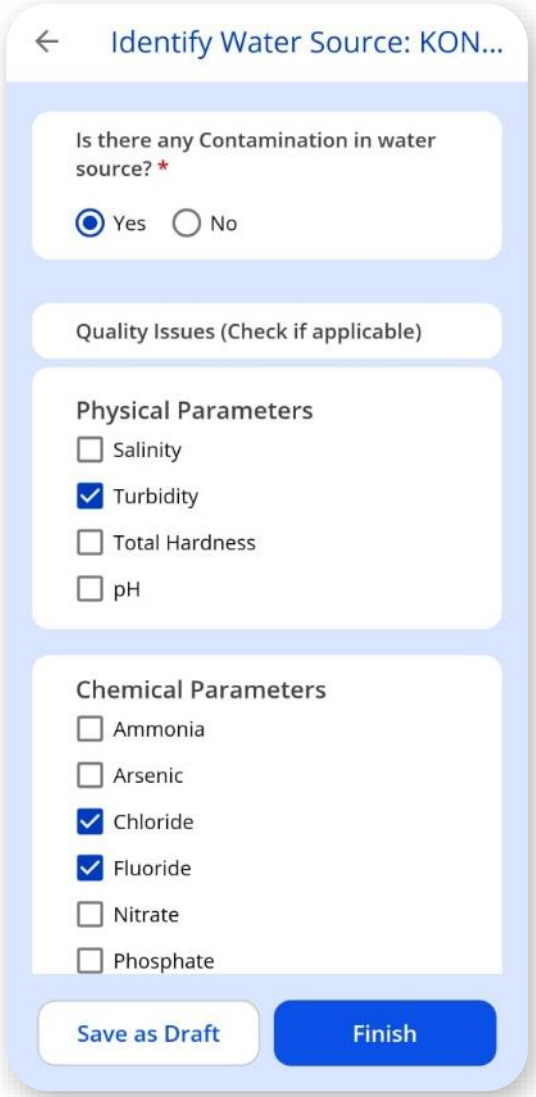
The progress of the form will be shown here

Select the method for water quality test, if it has been conducted

A test report can be added at the time of filling the form or later. Test reports have to be submitted from time to time to keep a check on the water quality.

A form can also be saved as draft and completed later

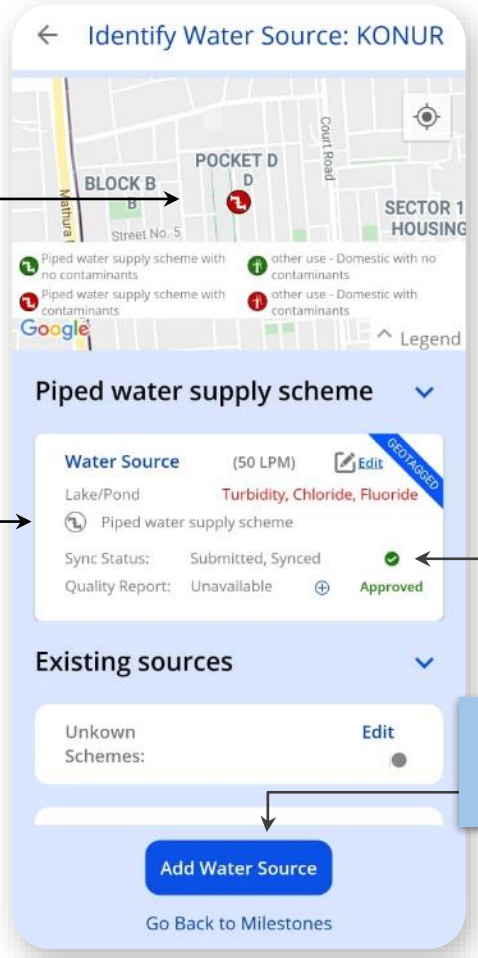
Clicking Finish will submit the form and direct you to the screen on the next page



Identifying Water Sources (4/4)

You can verify source details here.

Verify location of geo-tagged sources on map. You can click on the icon to see the name of source.



Form status –
- Approval Pending- The form is pending for approval
- Approved- The form has been approved by the DWSM official
- Rejected- In case the form has been rejected, you need to resubmit the form after making the necessary changes

Sync status –
- Draft - Form is not submitted yet
- Submitted – Data entry complete
- Not-synced – Requires internet connection to upload data
- Synced – Data uploaded to server

Click to add another water source

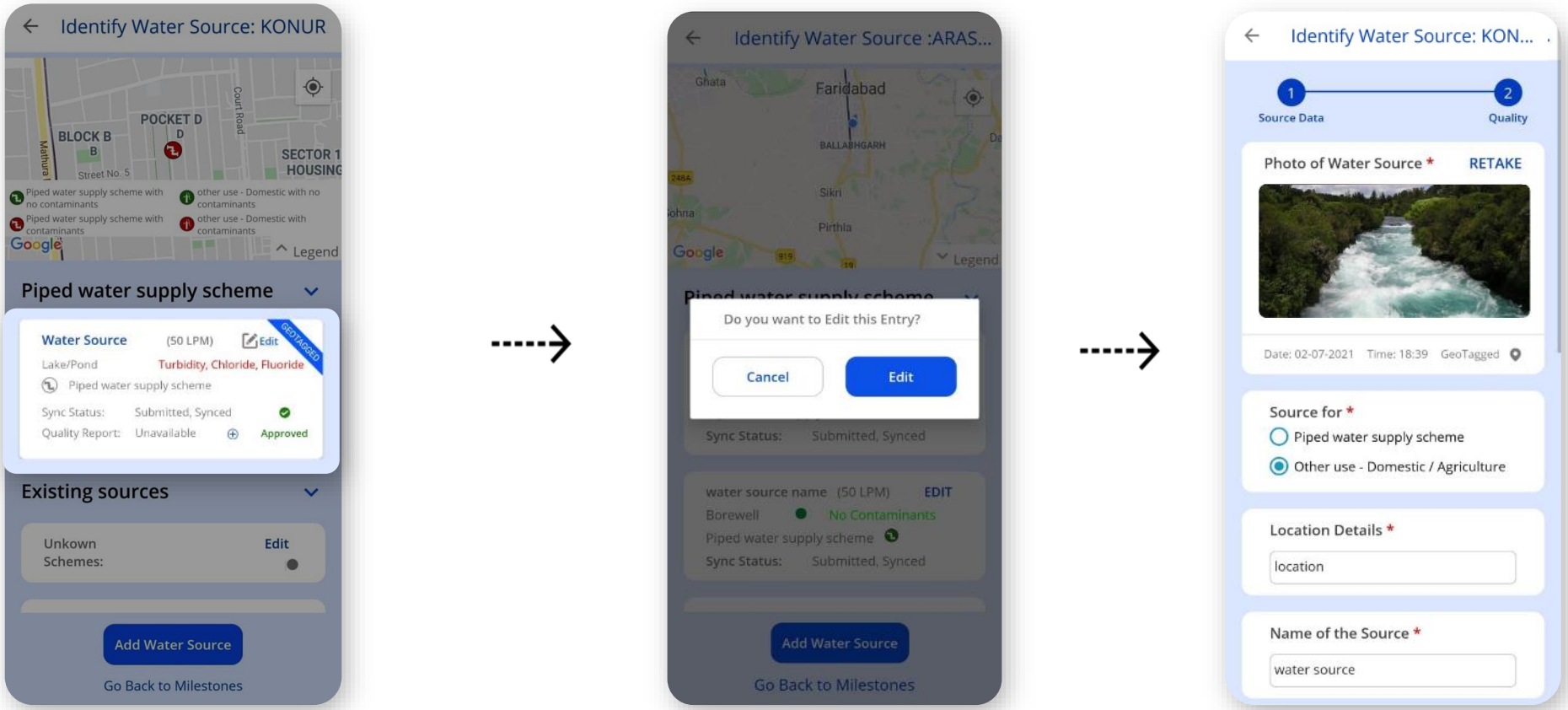
The submitted form will be reviewed and approved/ rejected by the DWSM official.

Editing a Water Source

Use edit to:

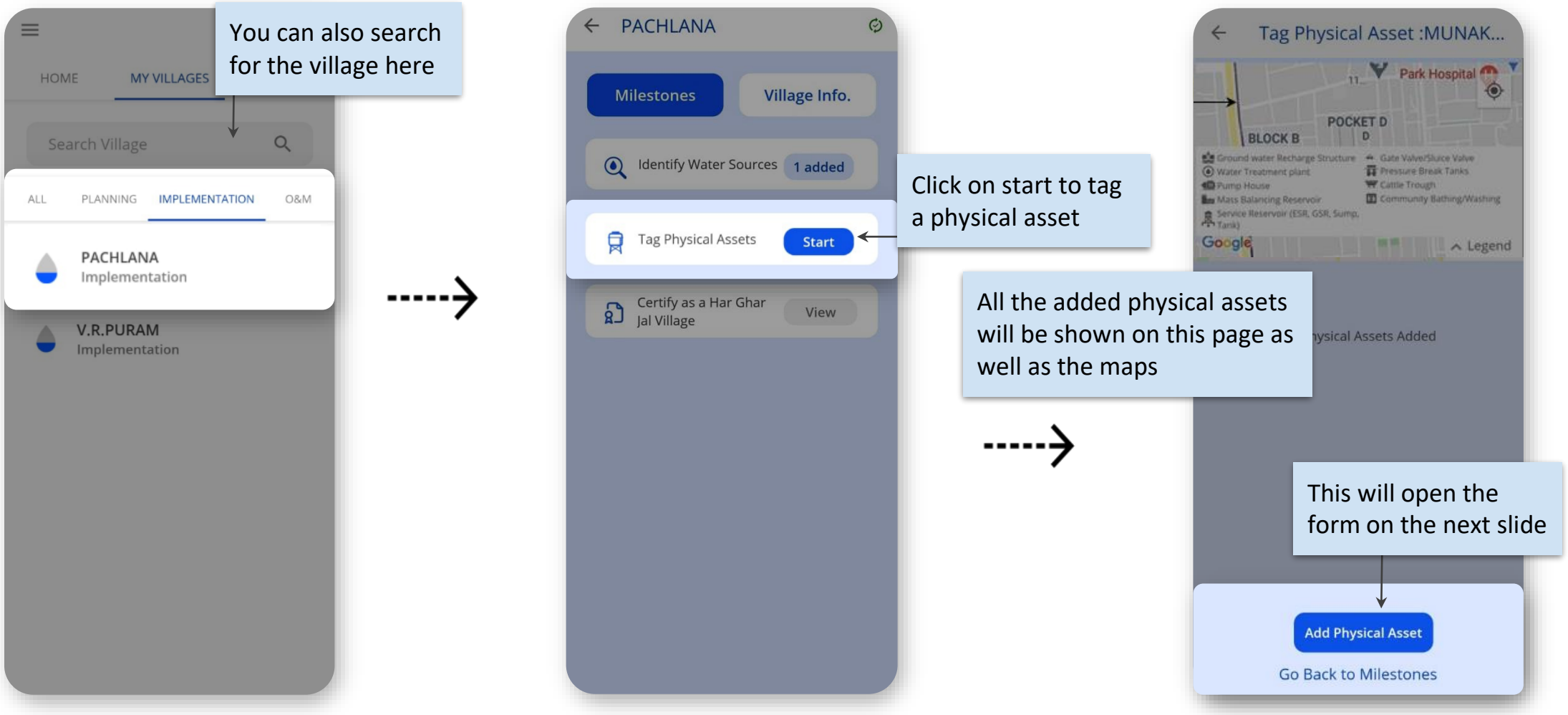
- Make corrections
- Add optional information
- Add water quality information from time to time and upload latest test report

This option to edit water source will remain open.

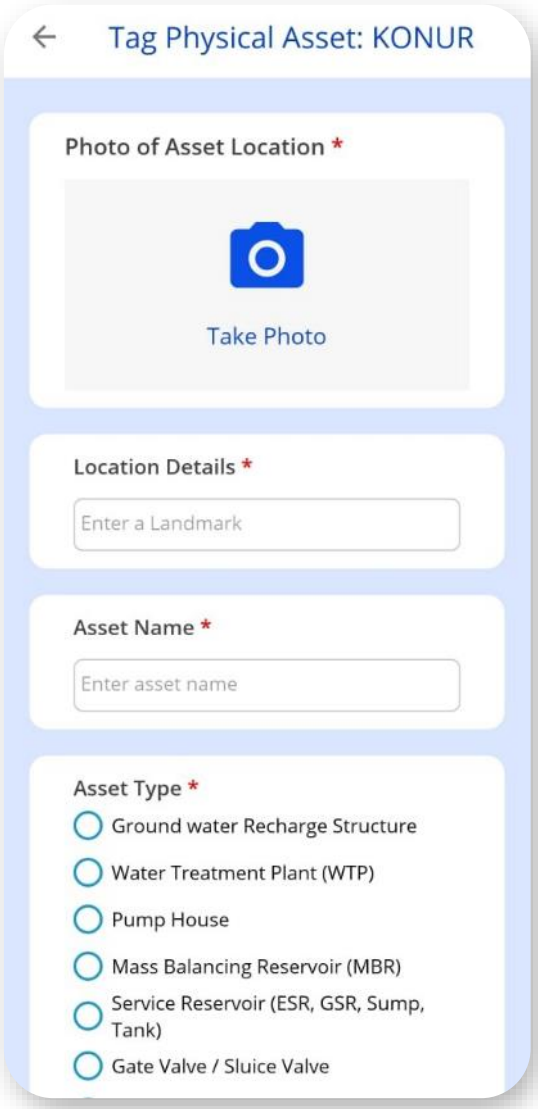


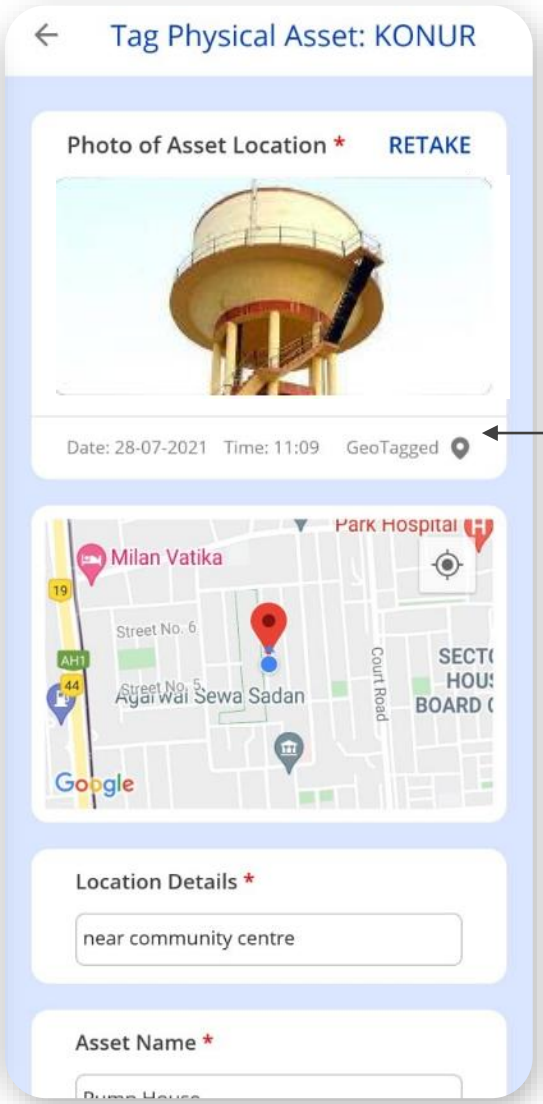
Tagging Physical Assets (1/3)

All key physical assets for water supply need to be geo-tagged e.g. pump house, water treatment plant (WTP), service/storage reservoir (ESR, GSR, sump etc.)



Tagging Physical Assets (2/3)

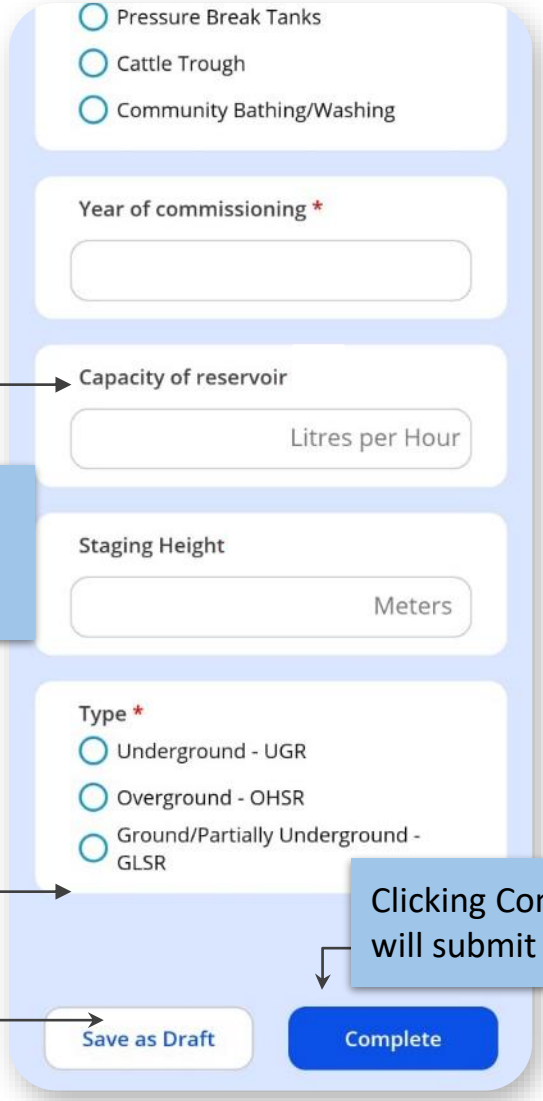




Date, time and geo-tagged location will be shown below the photo, after it has been taken

These fields will differ for each asset type and may be unavailable for a few

This form can also be saved as draft and completed later



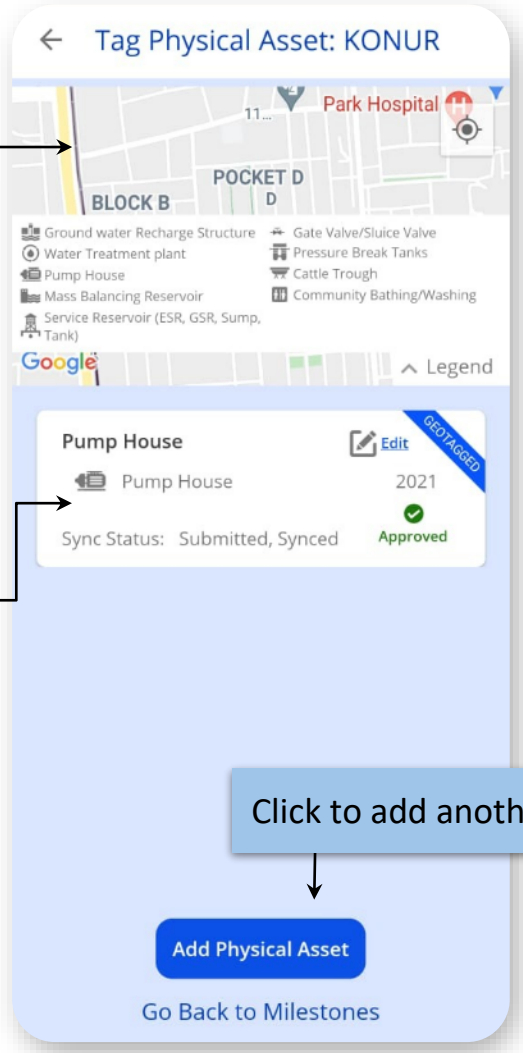
Clicking Complete will submit the form

Tagging Physical Assets (3/3)

You will be directed to this page after you submitting the form or saving it as draft. You can verify details here.

Verify location of geo-tagged assets on map. You can click on the icon to see the name of asset.

Sync status –
- Draft - Form is not submitted yet
- Submitted – Data entry complete
- Not-synced – Requires internet connection to upload data
- Synced – Data uploaded to server



Form status –
- Approval Pending- The form is pending for approval
- Approved- The form has been approved by the DWSM official
- Rejected- In case the form has been rejected, you need to resubmit the form after making the necessary changes

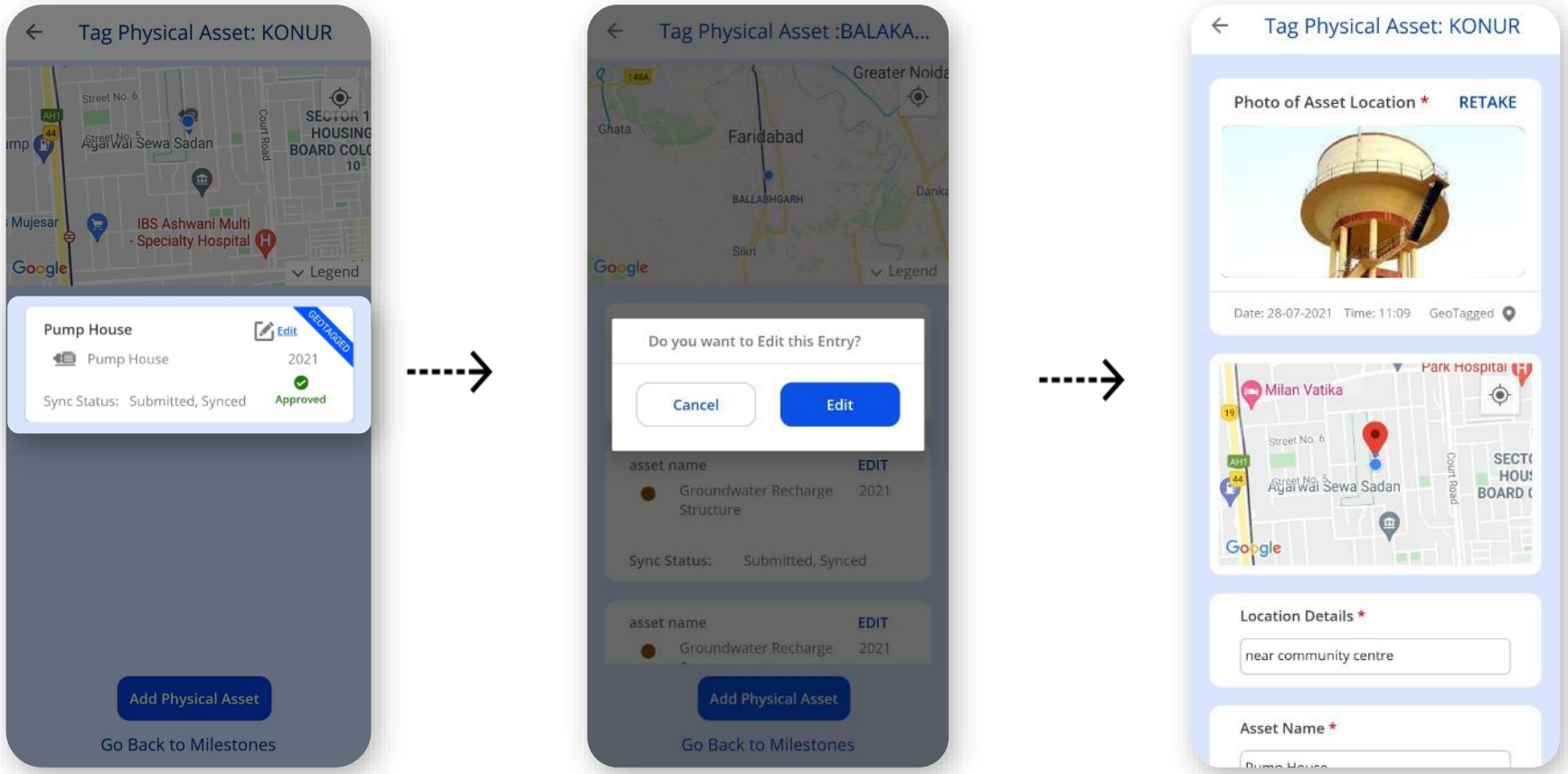
Click to add another physical asset

Editing a Physical Asset

Use edit to:

- Make corrections
- Add optional information

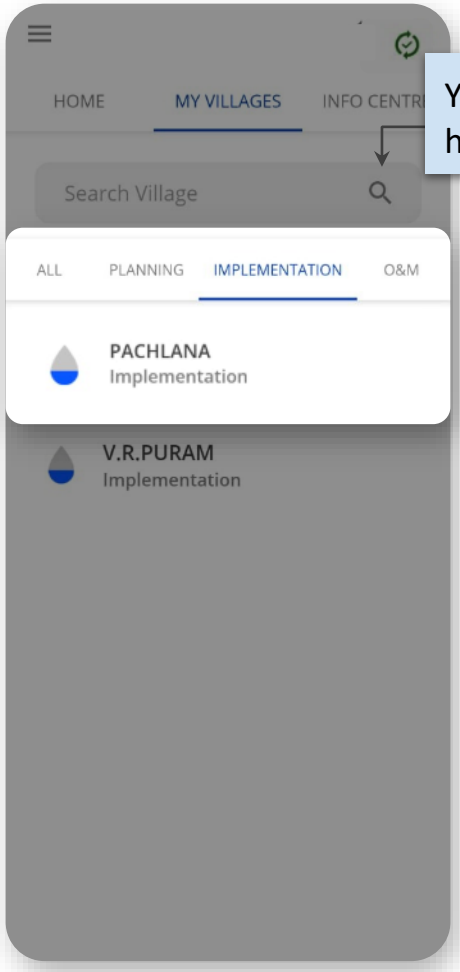
This option to edit will be open till 15 days from the date on which the village is classified as under Operation and Maintenance stage.



The submitted form will then be reviewed by the concerned authorities to be approved/rejected

Certify as Har Ghar Jal Village (1/6)

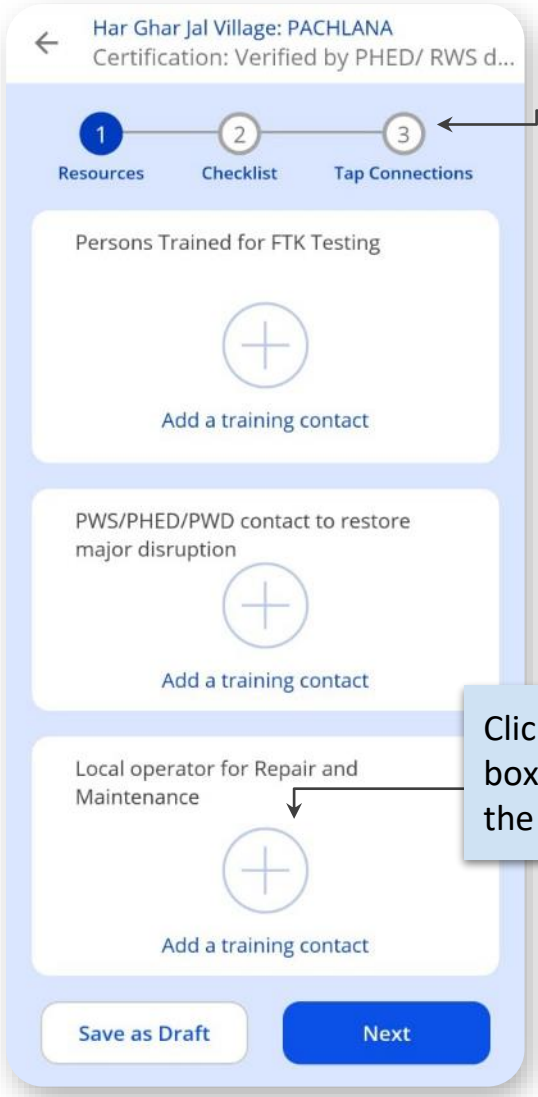
Use this form to enter details of the implementation of JJM in the village. Complete this form only after all the households have got tap connections. Till then keep the form saved as draft.



You can also search for the village here

Click on start to certify village as a Har Ghar Jal village. This will open the form on the next slide.

Certify as Har Ghar Jal Village (2/6)

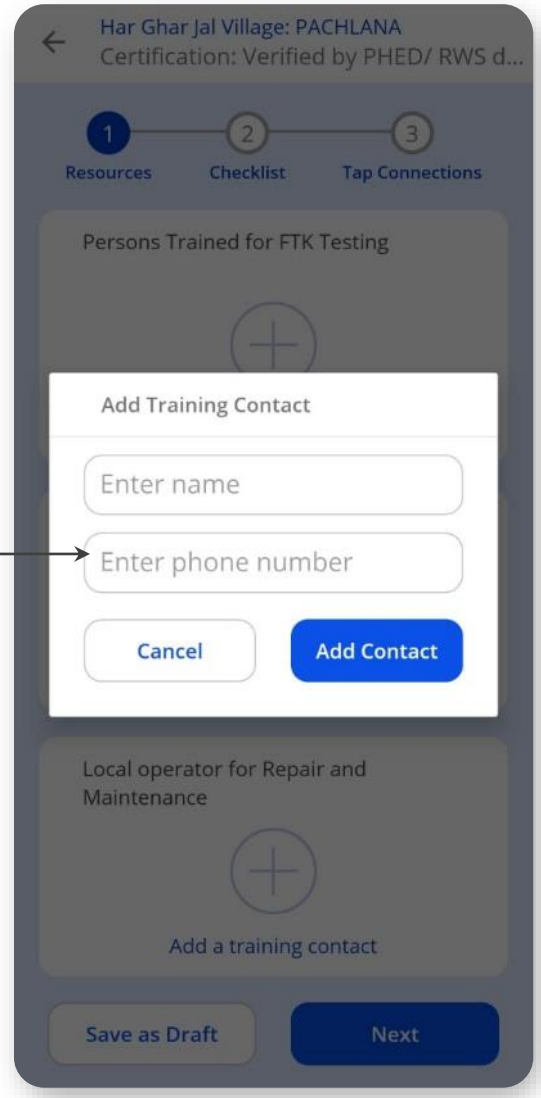


This is the progress tracker. For example, on this screen, the field engineer is at the first part of the form i.e. adding resources (contact details).

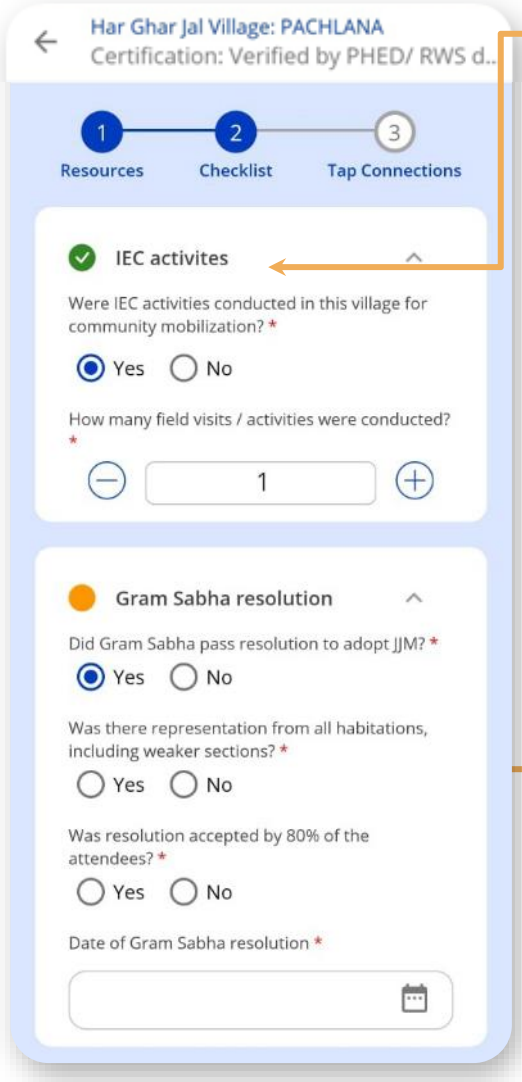
Enter complete details of users with correct mobile number

Clicking on this icon will open the box as shown on the screen on the right

Clicking next will take you to the screen on the next slide



Certify as Har Ghar Jal Village (3/6)

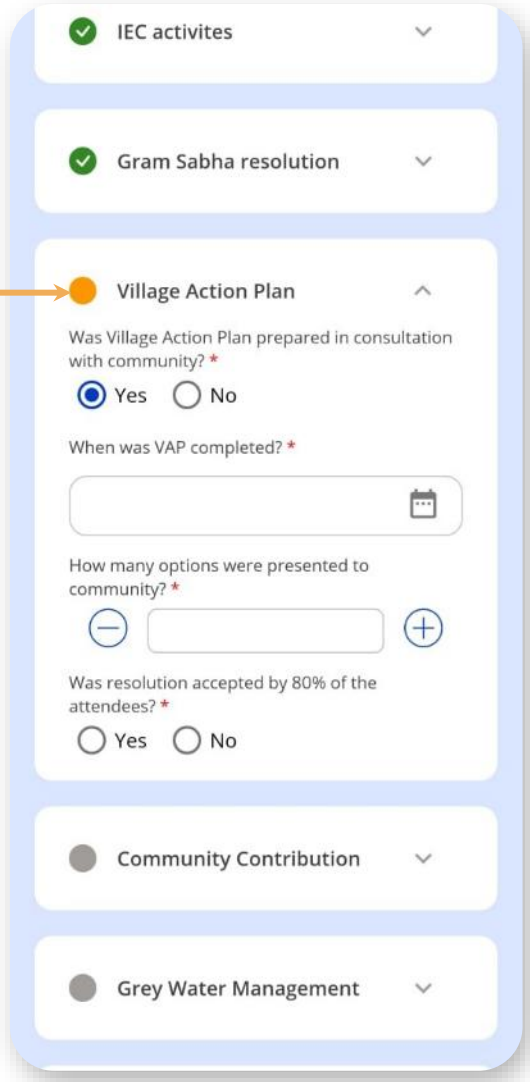


IEC ACTIVITIES

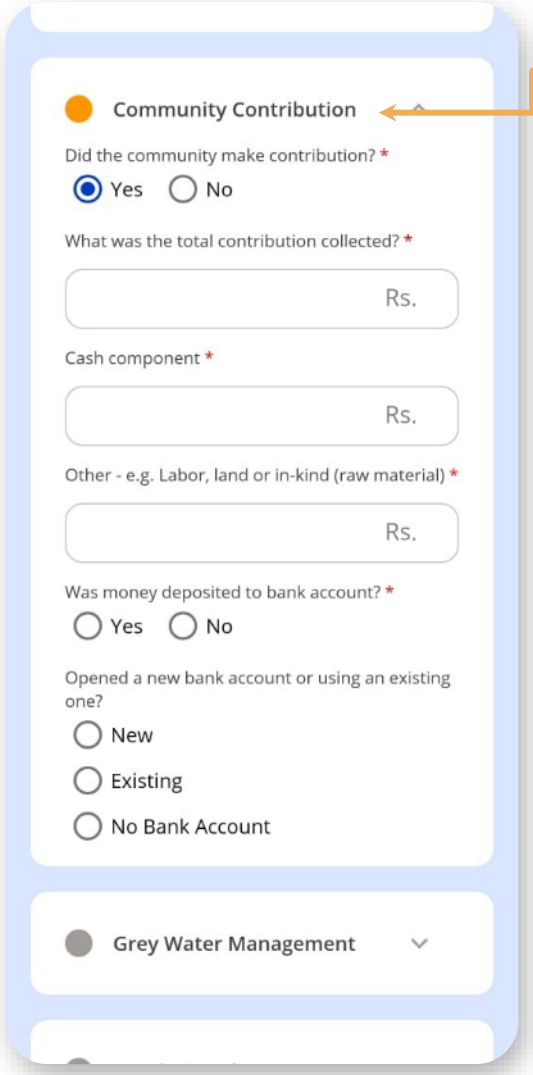
Common examples include – nukkad natak, poster competition, community meetings etc.

GRAM SABHA RESOLUTION

VILLAGE ACTION PLAN

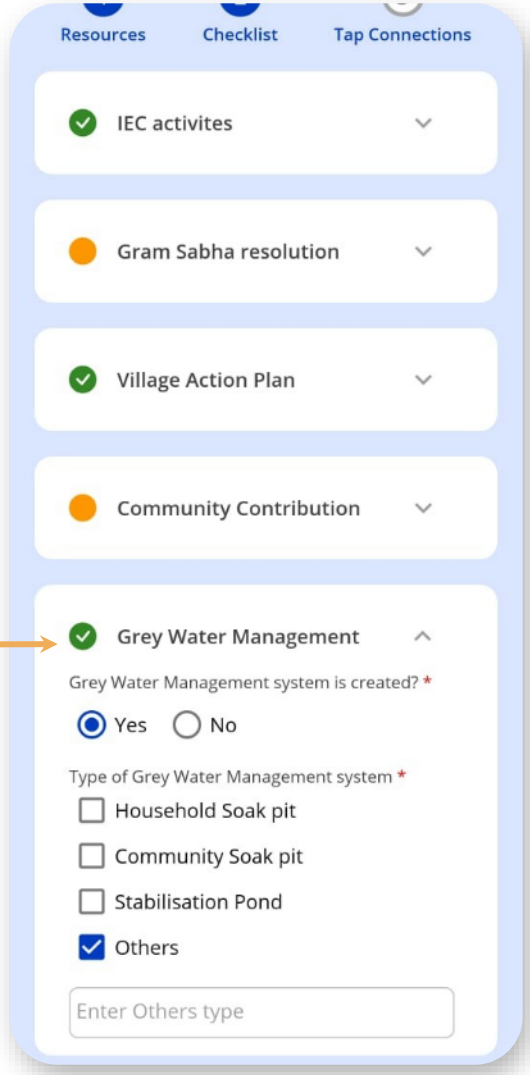


Certify as Har Ghar Jal Village (4/6)

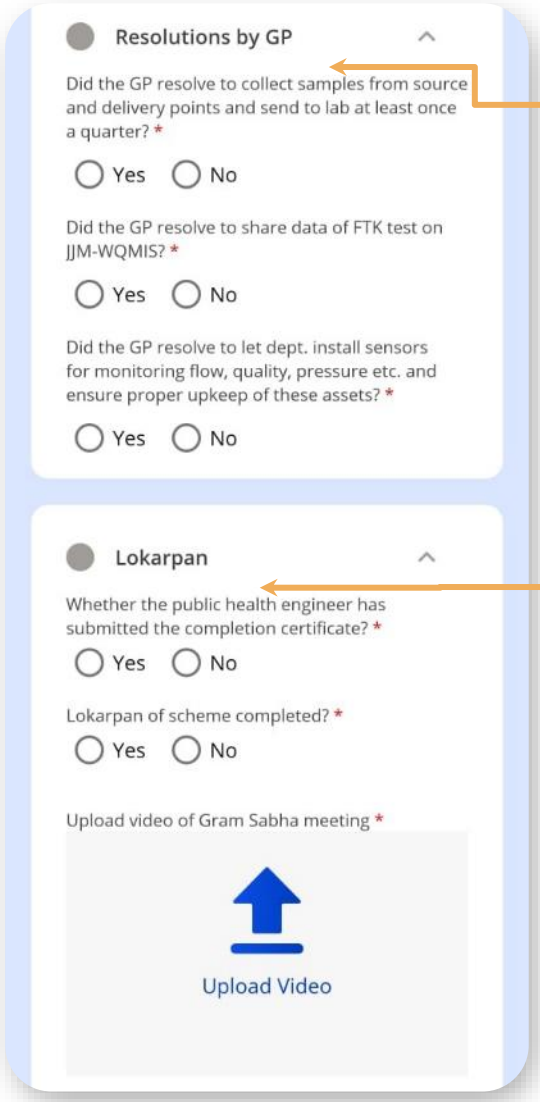


COMMUNITY CONTRIBUTION

GREY WATER MANAGEMENT



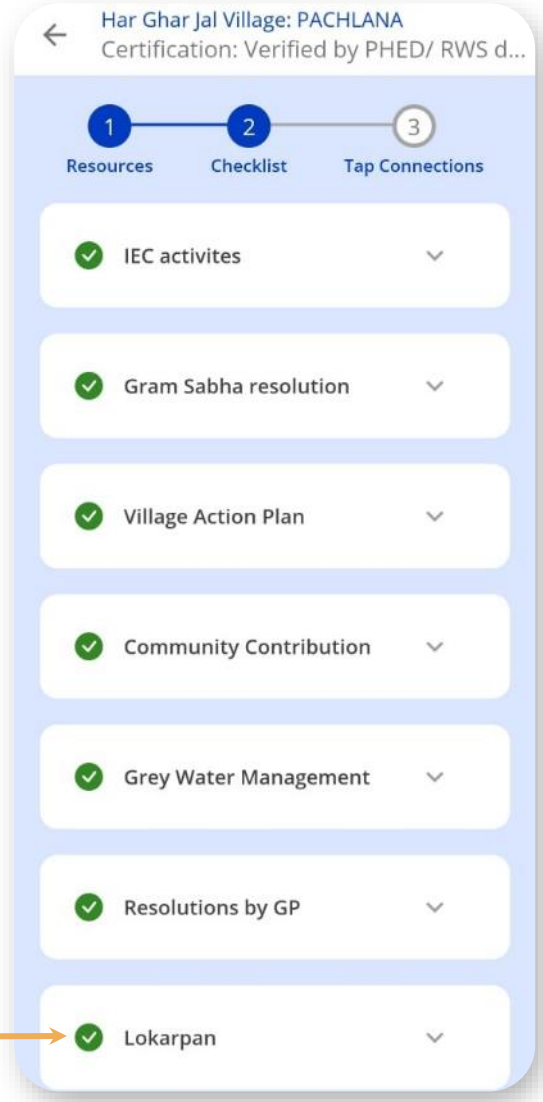
Certify as Har Ghar Jal Village (5/6)



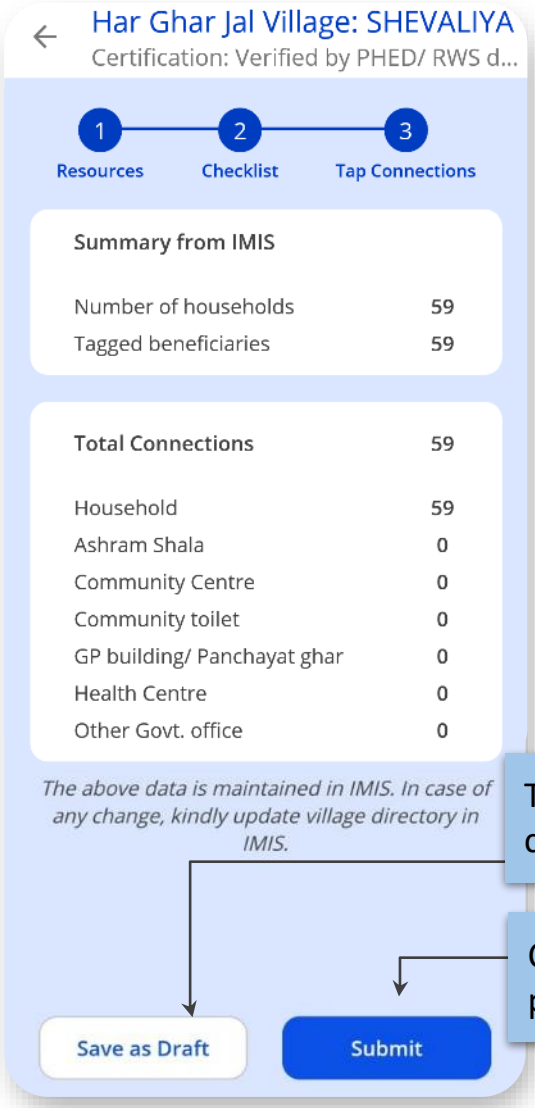
RESOLUTION BY GP

LOKARPAN

All the fields must be checked (in green) as shown on the screen to the right to proceed further



Certify as Har Ghar Jal Village (6/6)



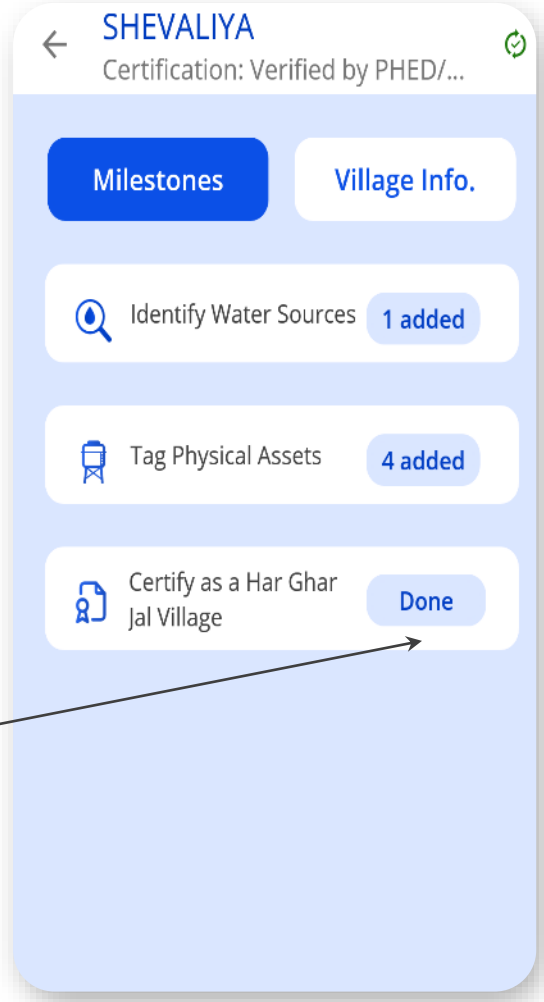
Review status of tap connections as per the data maintained in IMIS on this screen. For any modification, reach out to IMIS nodal officer.

All households in that village must have a tap connection to get the Har Ghar Jal Certification

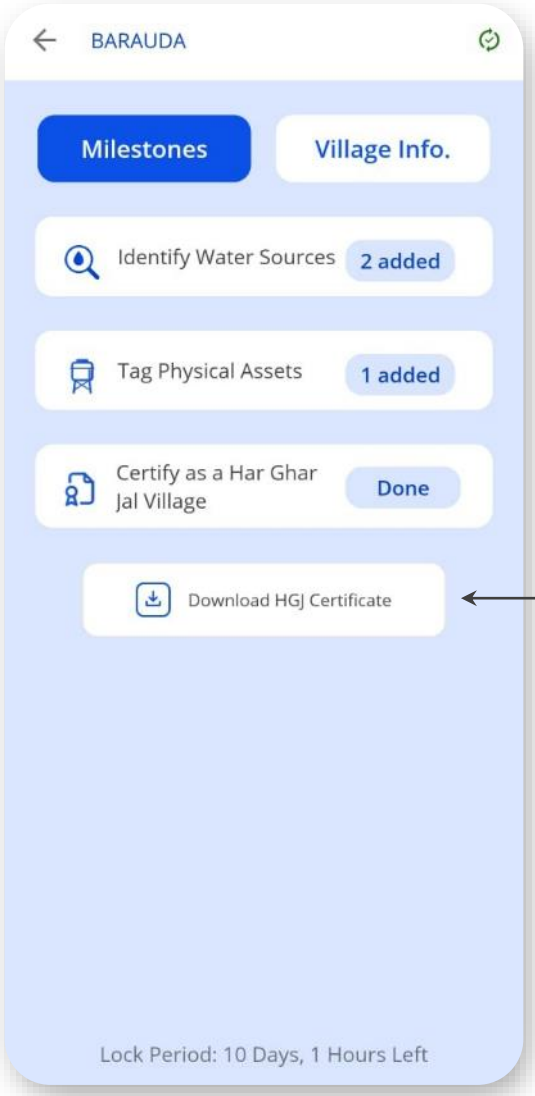
The form can also be saved as draft and completed later

Clicking Submit will direct you to the Milestones page as shown on the screen on the right

The status of the form will get updated here. If the form is saved as draft it will be shown as “Pending”; and it will be marked as “Done” when the form is submitted. If the form has been rejected by the DWSM official, the status will show as “rejected”.



Har Ghar Jal Village Certificate



For villages where 100% FHTC has been provided, you can download HGJ Certificate once:

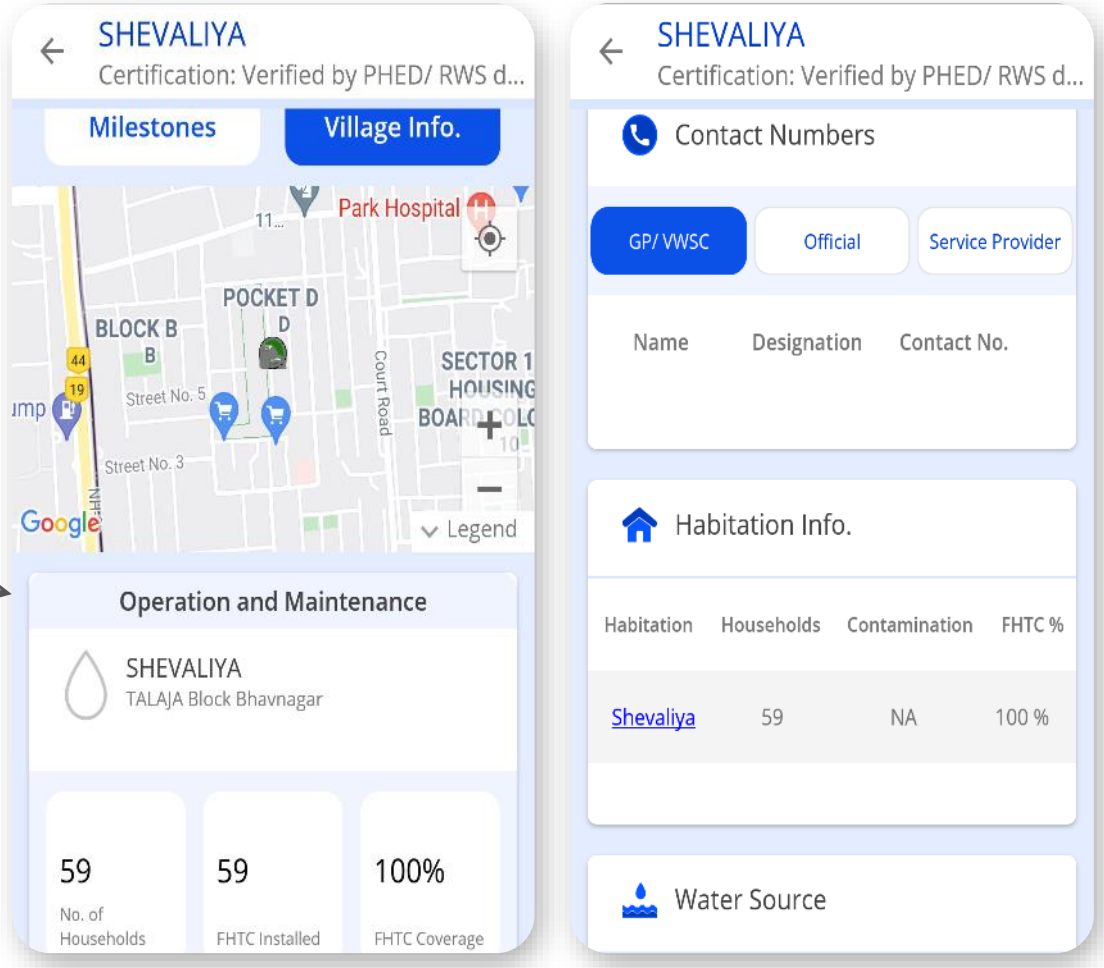
- At least 1 water source has been approved
- At least 1 physical asset has been approved
- 'Certify as Har Ghar Village' form has been approved

Click here to download HGJ Certificate in pdf format

Village Info

Important information about the village will be covered under this tab

Village details like type of Village, no. of households, FHTC Coverage etc.



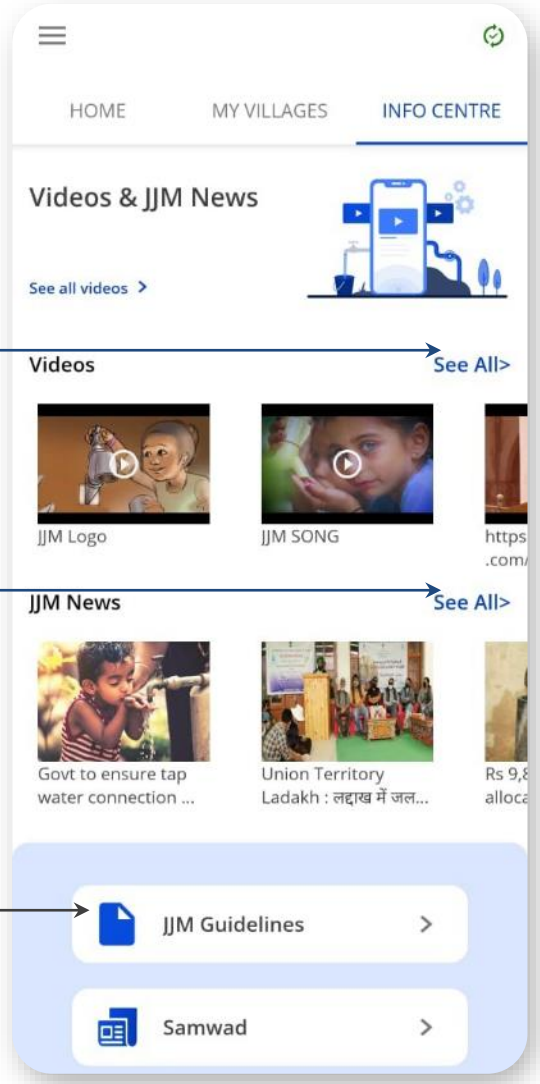
Info Centre

One page to access all the content in the App related to JJM e.g. videos, FAQs etc.

Click to see entire list of videos

Click to see entire list of JJM News

Other content e.g., guidelines, samvad, FAQs etc. can be viewed from here.



Side menu

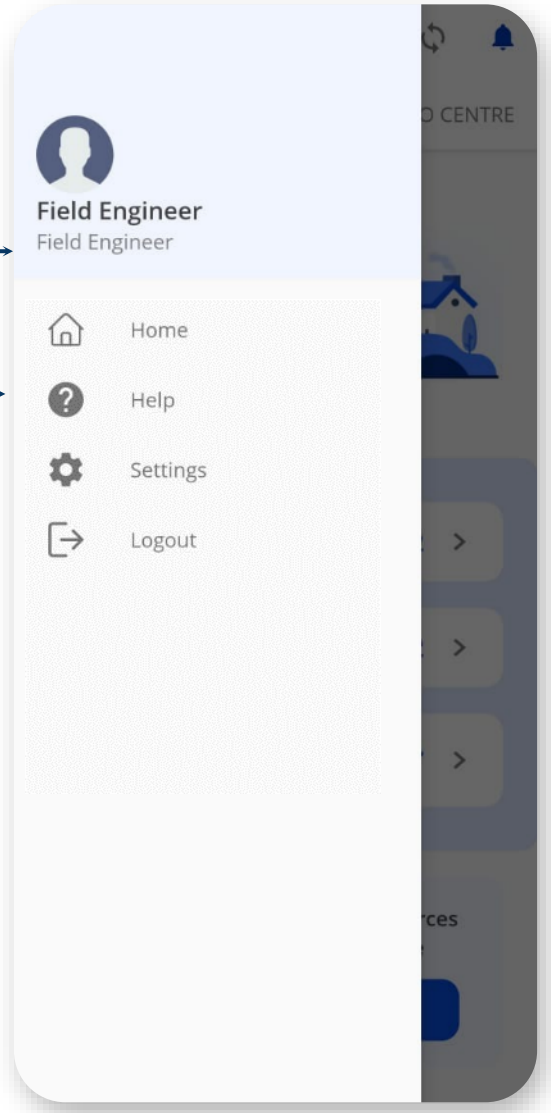
Clicking on the hamburger button on the top left of the home page will open the side menu

User Profile
User photo, name and user designation will be visible here

Help
For any query related to App

Settings
App related settings accessible from here

Logout
Clicking here will log you out

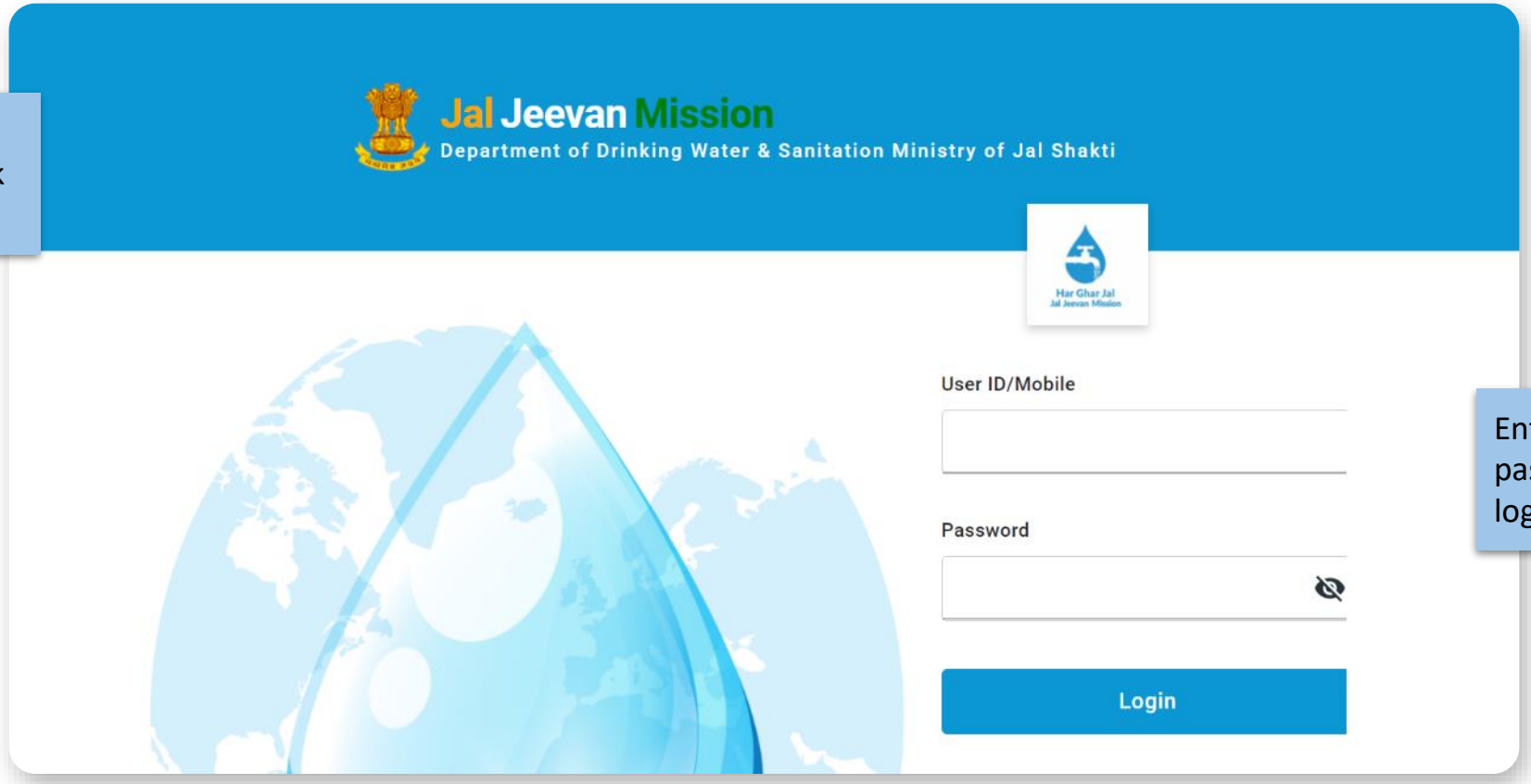


JJM Web Panel

Login to the Web Panel

State coordinators, district coordinators and other officials can login to the web panel using the link :- https://jjmapp.ddws.gov.in/login

This screen will appear when you open the link to the web panel.



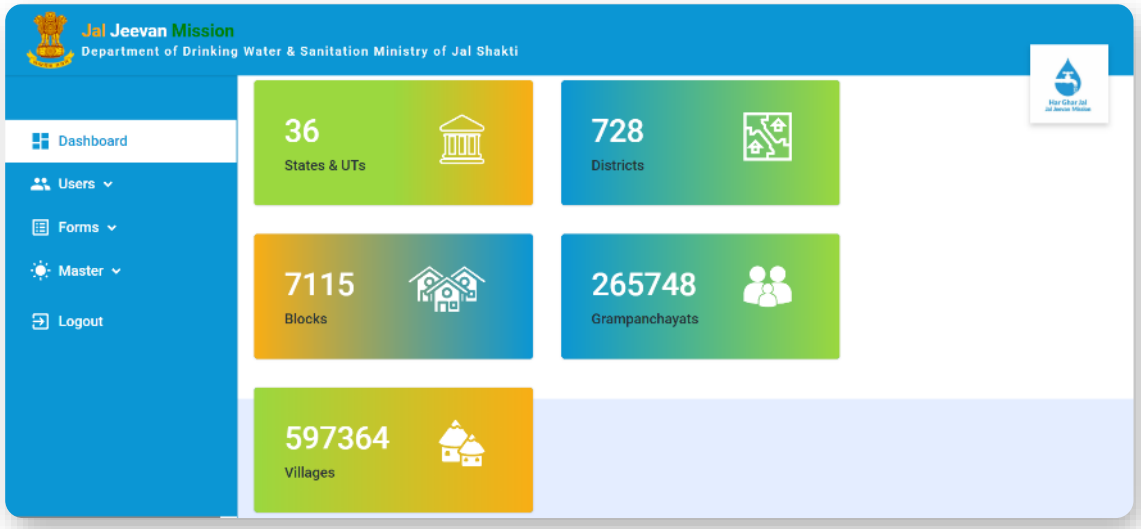
Enter your user ID and password here to login to the app

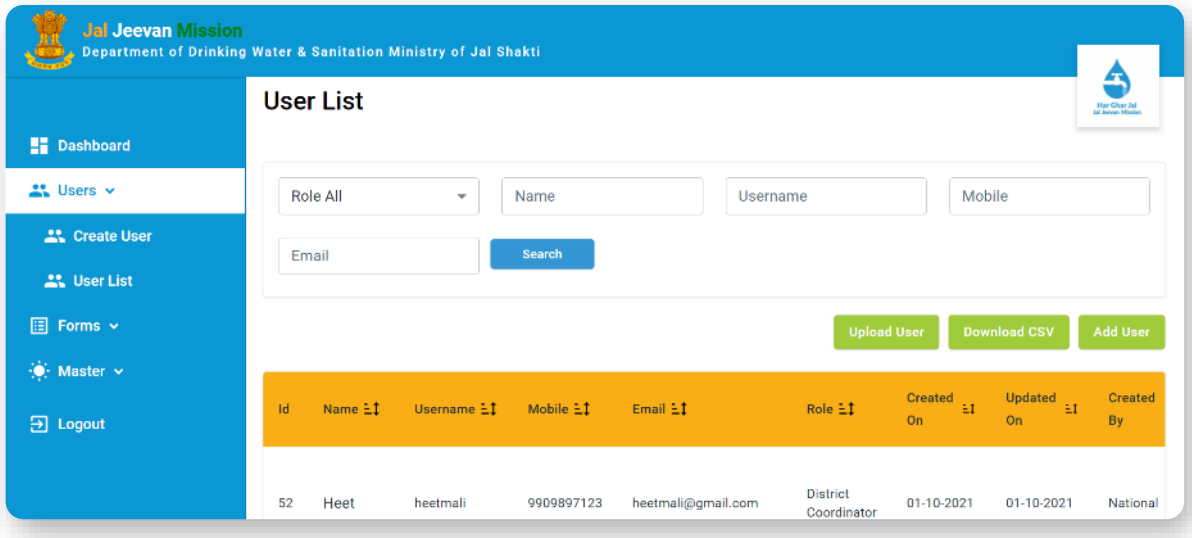
Overview of the JJM Web panel – How to Use

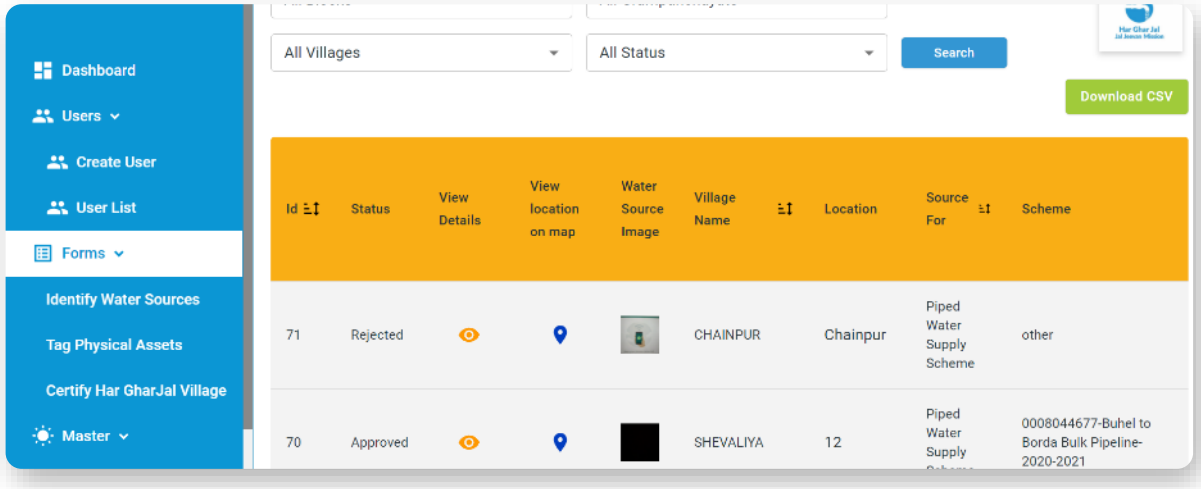
National Coordinator

A national coordinator can:

- Create Users:- State Coordinators, District Coordinators and Field Engineers
- View the forms to keep a check on the progress of data entry in villages across the country







Overview of the JJM Web panel- Instructions for State Officials

Login to the Web Panel

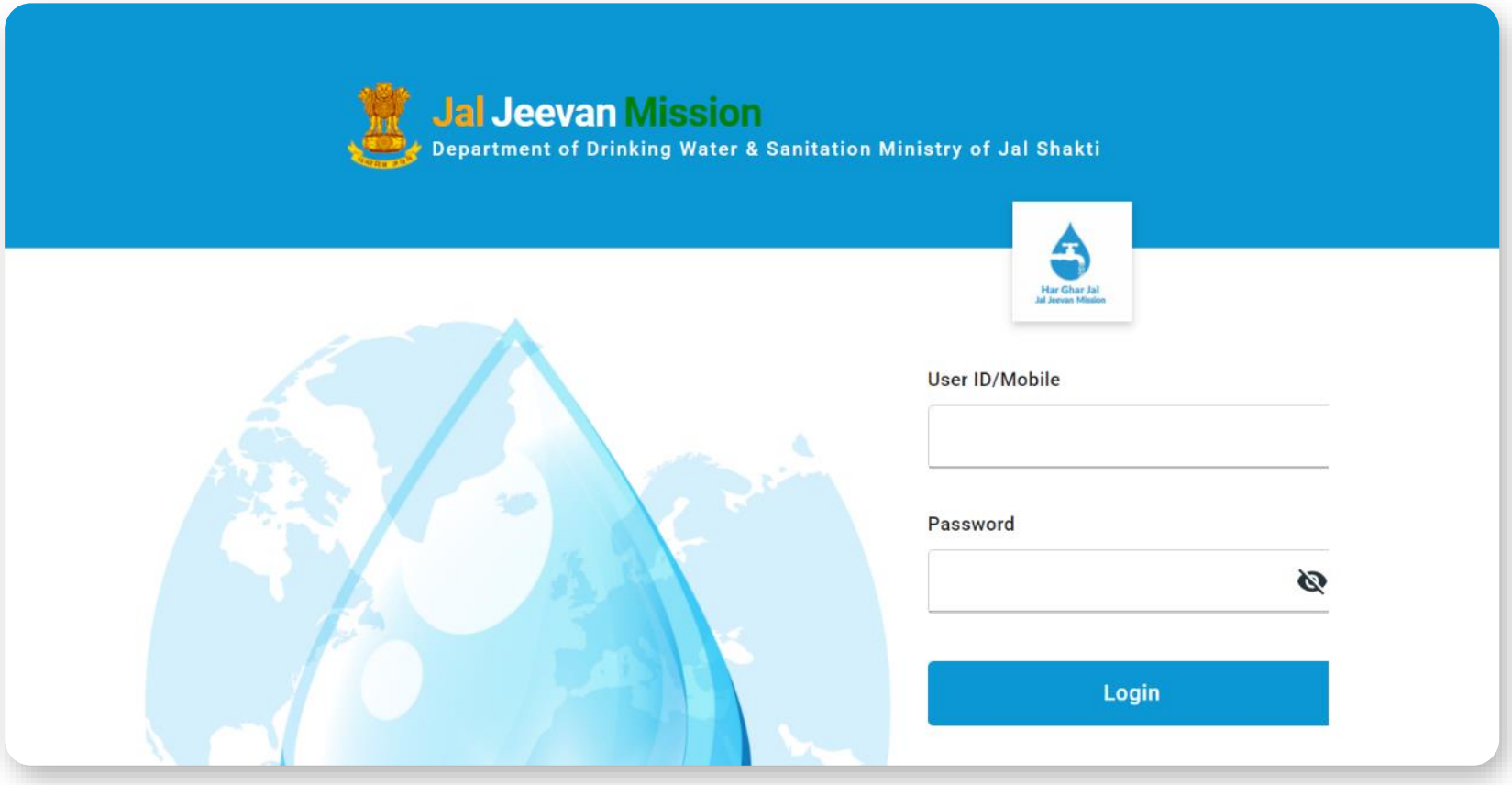
The step to login are as follows:

Go to this link:
https://jjmapp.ddws.gov.in/login

This screen will appear when you open the link to the web panel.

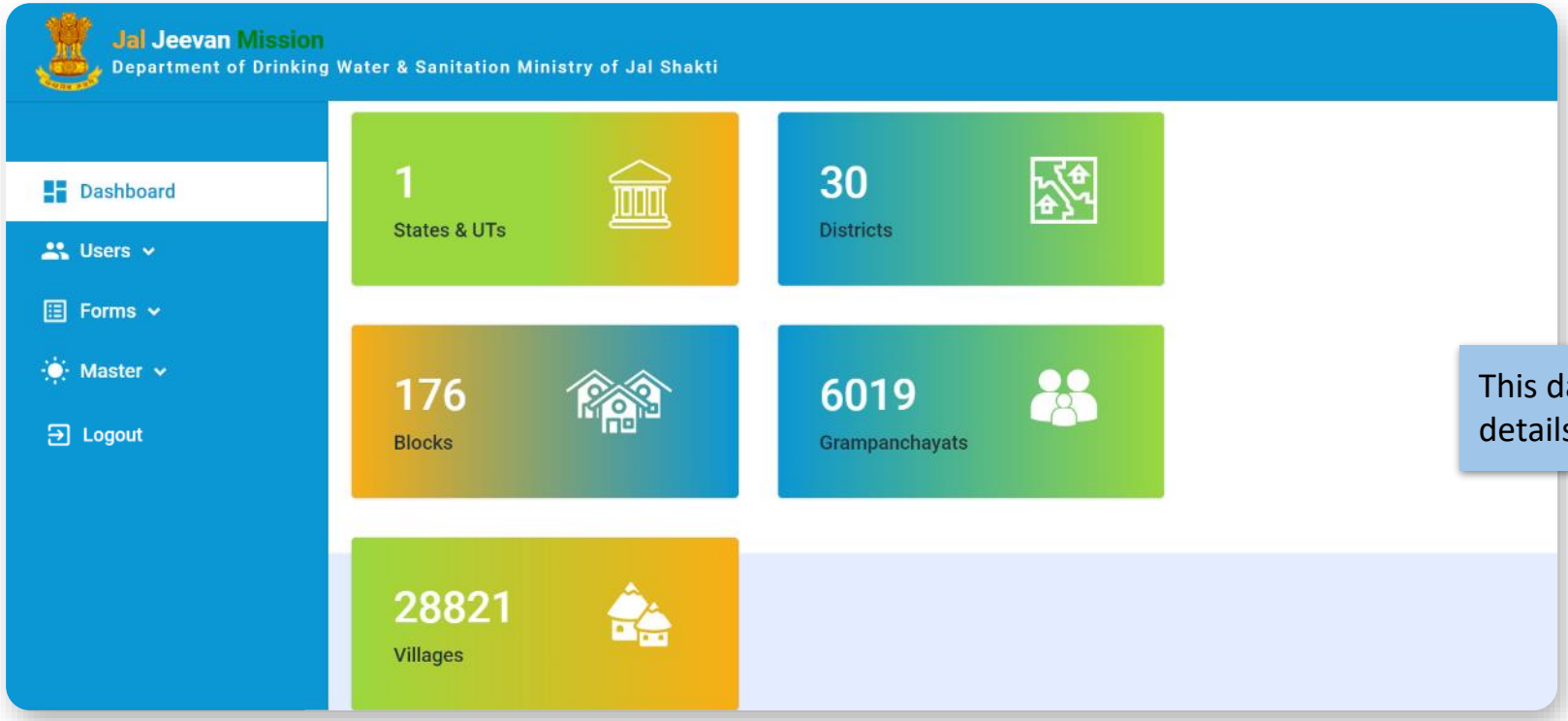
Login credentials will be provided by NJJM

Enter the mobile no./user ID and password here to login to the app



Home page

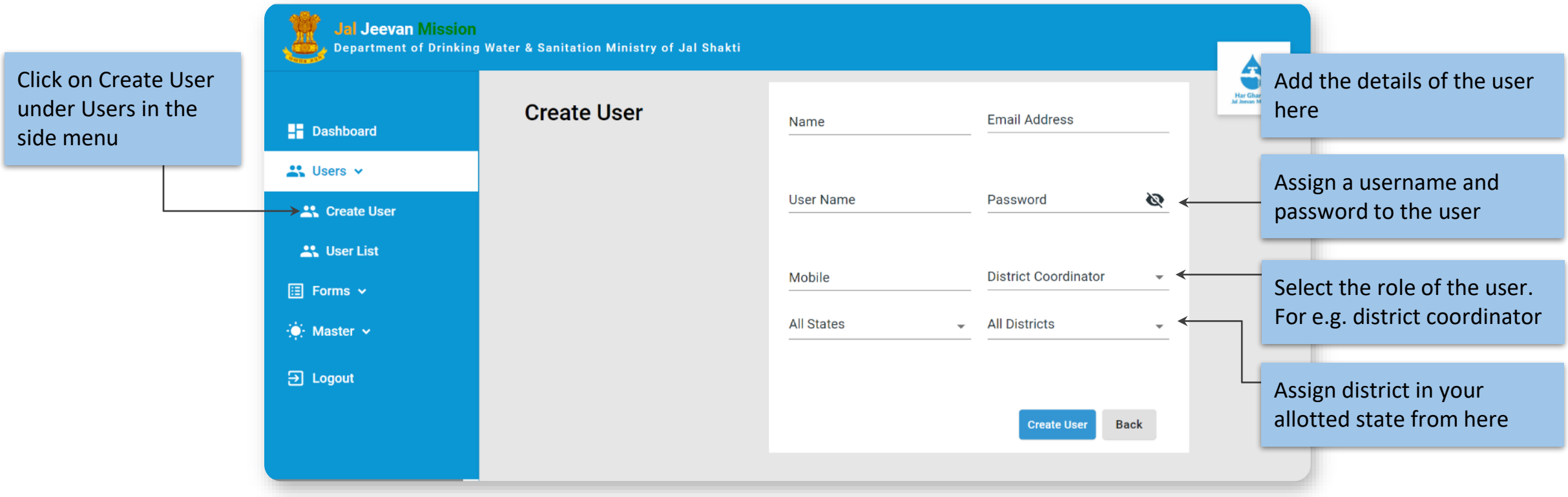
This screen will appear as you login to the web panel



This dashboard will show the details of state allotted to you

Create User

A state coordinator can create district coordinators and field engineers for his/her allotted state.



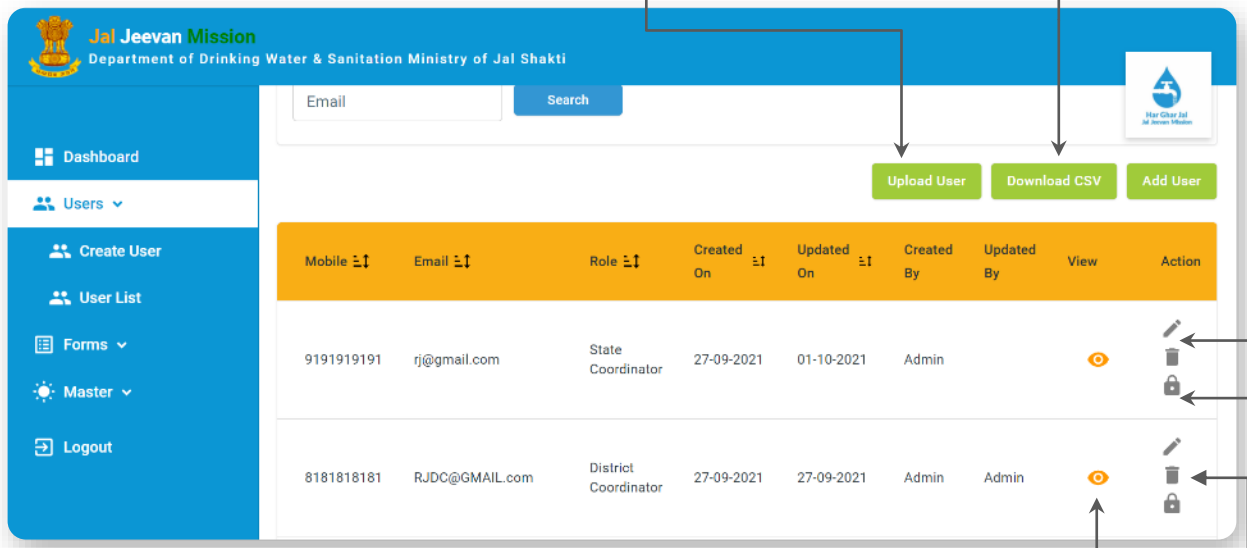
Editing a User

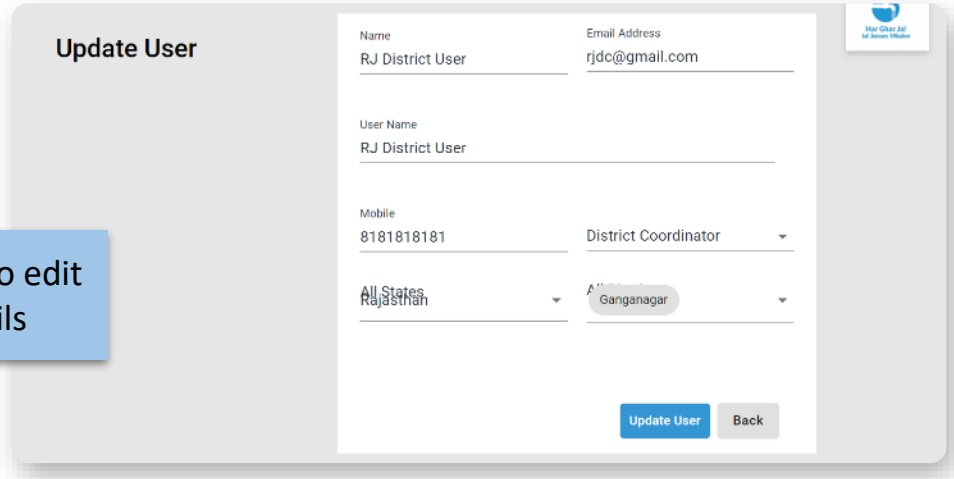
You can edit/modify a user using the various options in the user list.

You can create multiple users at the same time using the “Upload User” option

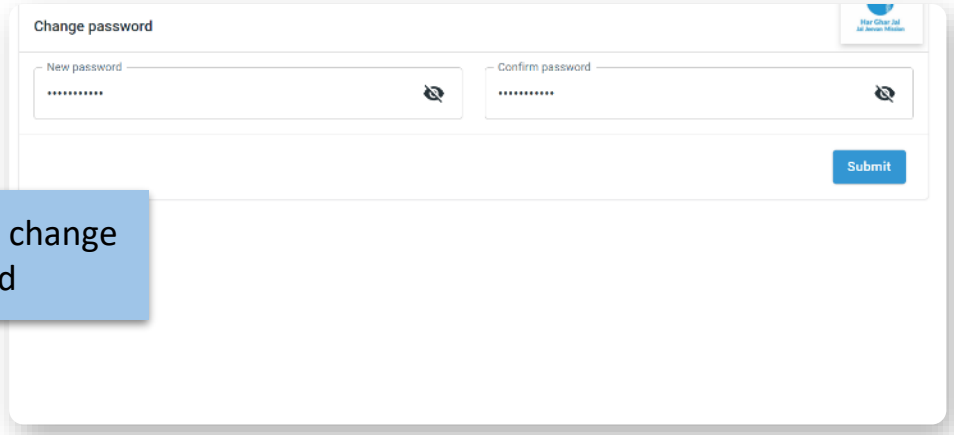
Use this option to download CSV file of the list

Click here to edit a user details





Click here to change the password

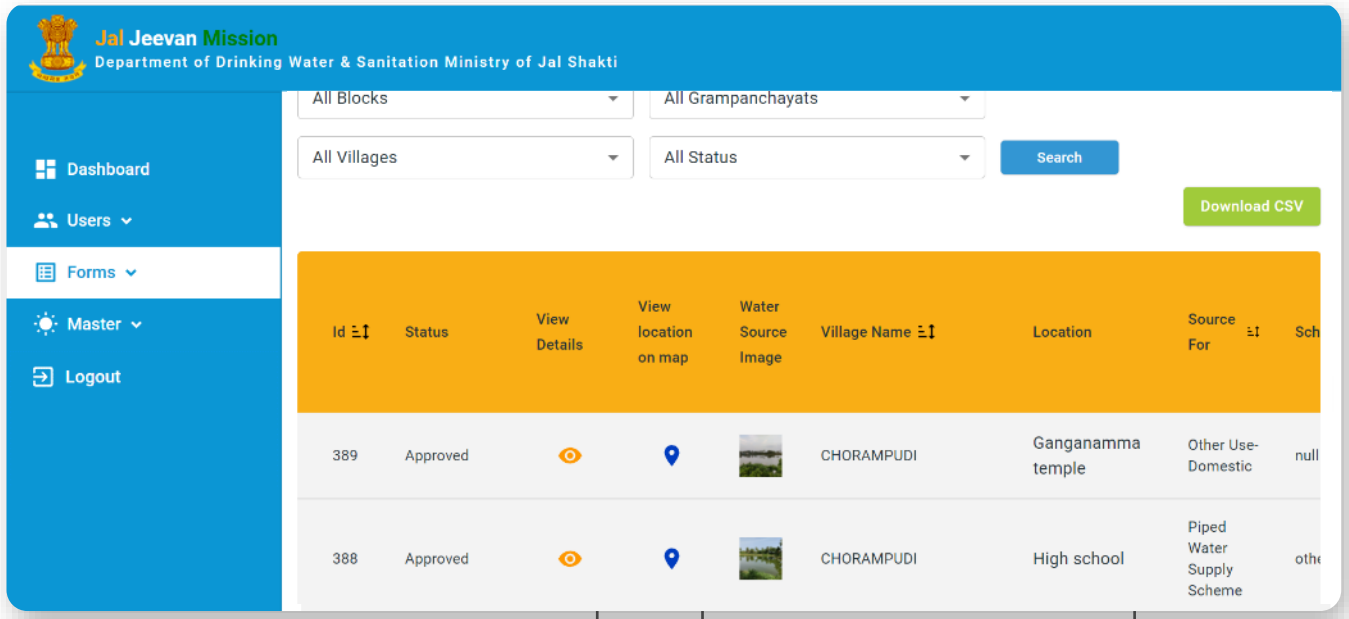


Click here to delete a user

Click here to view the allotted state, district, villages etc.

Identify Water Sources

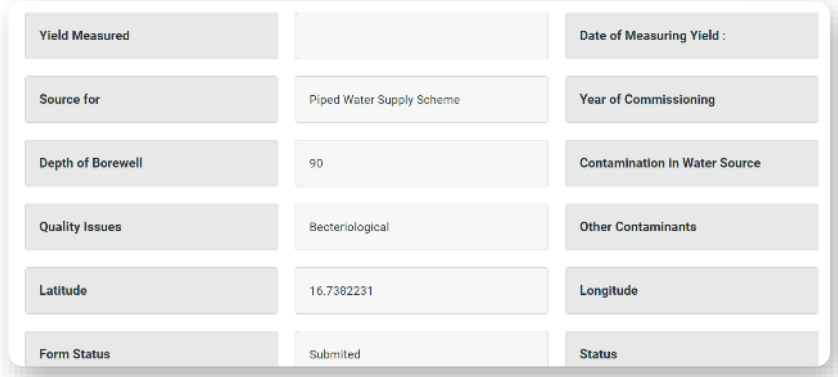
Data entered in the “Identify Water Sources” form in the app will be visible here.
You can check all the form details here by scrolling right in this table.

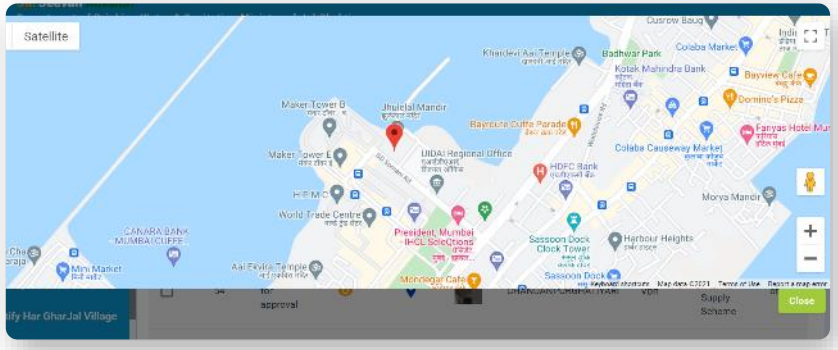


Click on this icon to check the detailed view of the form

Click here to view location of the water source on the map

Hover on this picture to see enlarged view of the photo of the water source





Tag Physical Assets

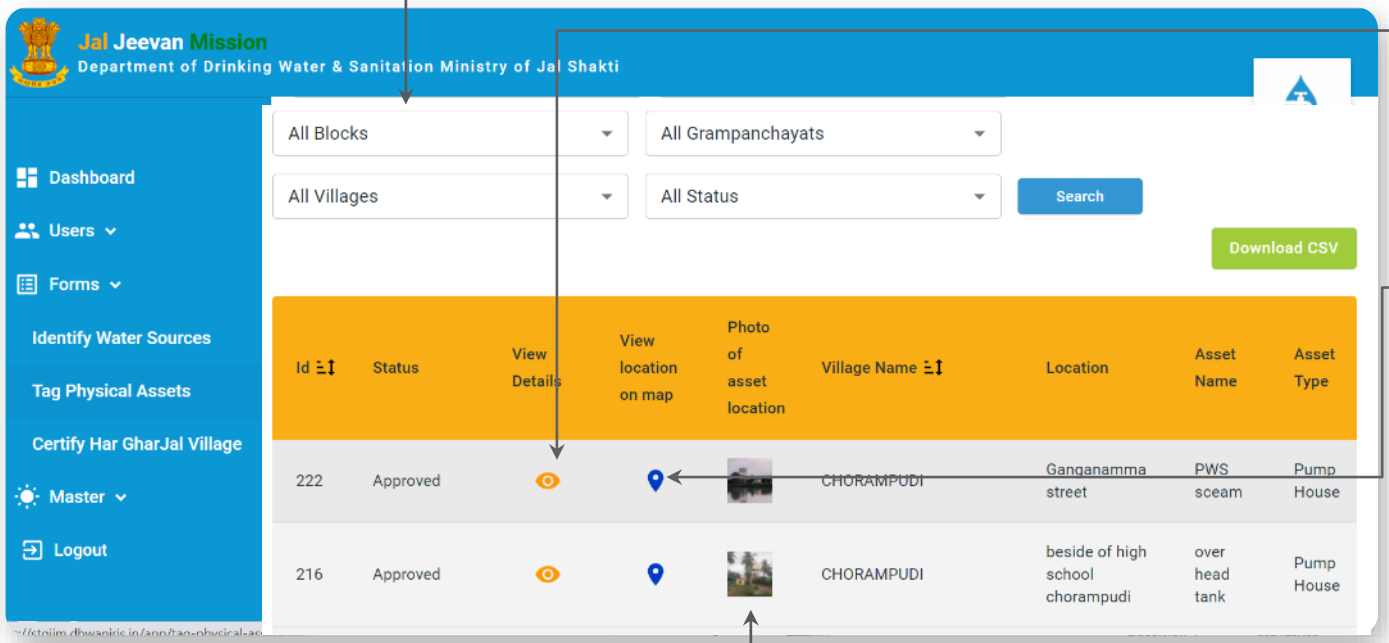
Data entered in the “Tag Physical Asset” form in the app will be visible here. You can check all the form details here.

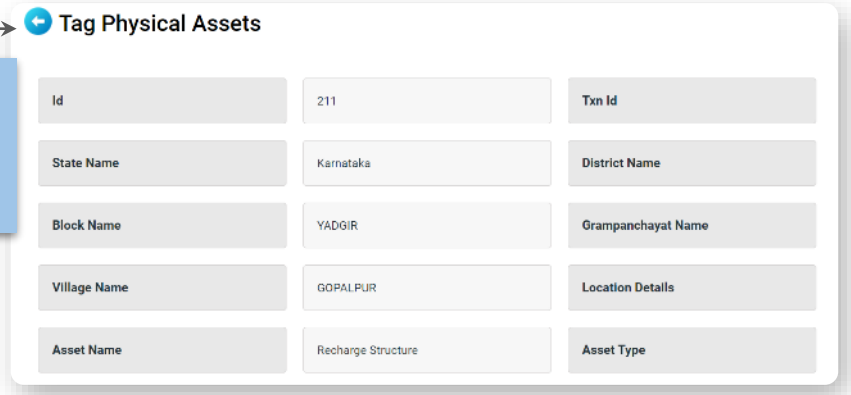
You can also filter these forms on the basis of location or status

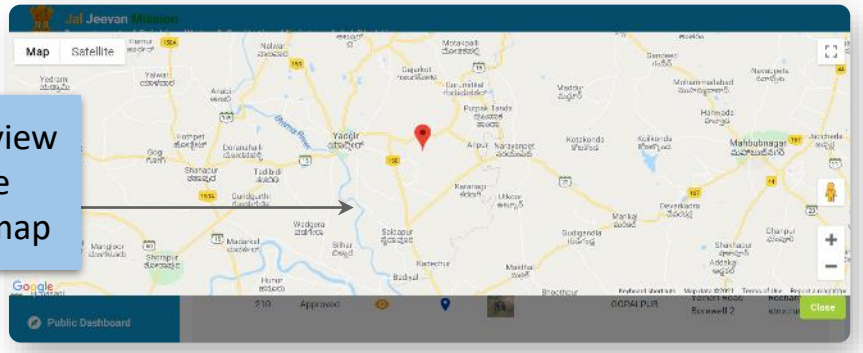
click on this icon to check the detailed view of the form

Click here to view location of the asset on the map

Hover on this picture to see enlarged view of the photo of the asset



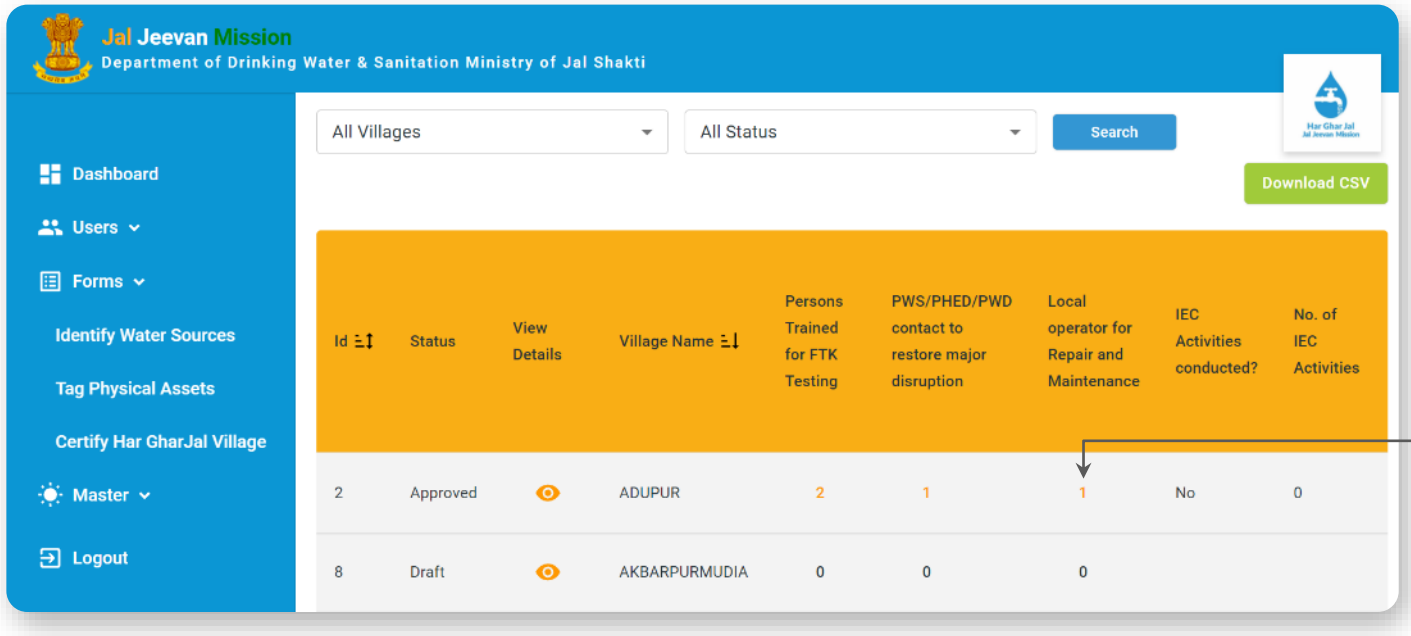


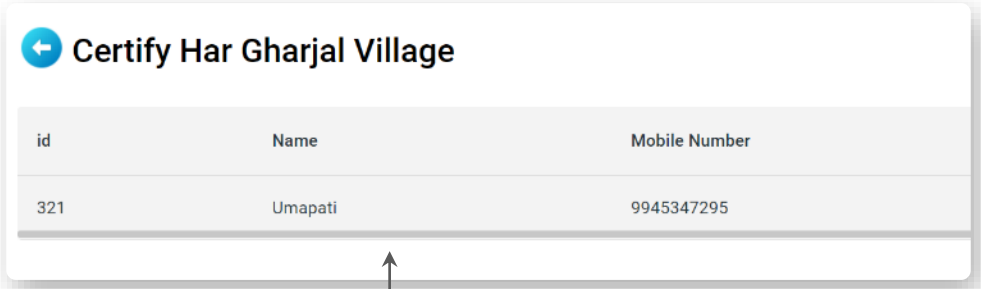


Certify as Har Ghar Jal Village

You can verify the “Certify as Har Ghar Jal Village” form details here.

Scroll right the table to verify all the information.
You can also click on the view details icon.





Click on the number to open the contact details in this window

Overview of the JJM Web panel- Instructions for District Officials

Login to the Web Panel

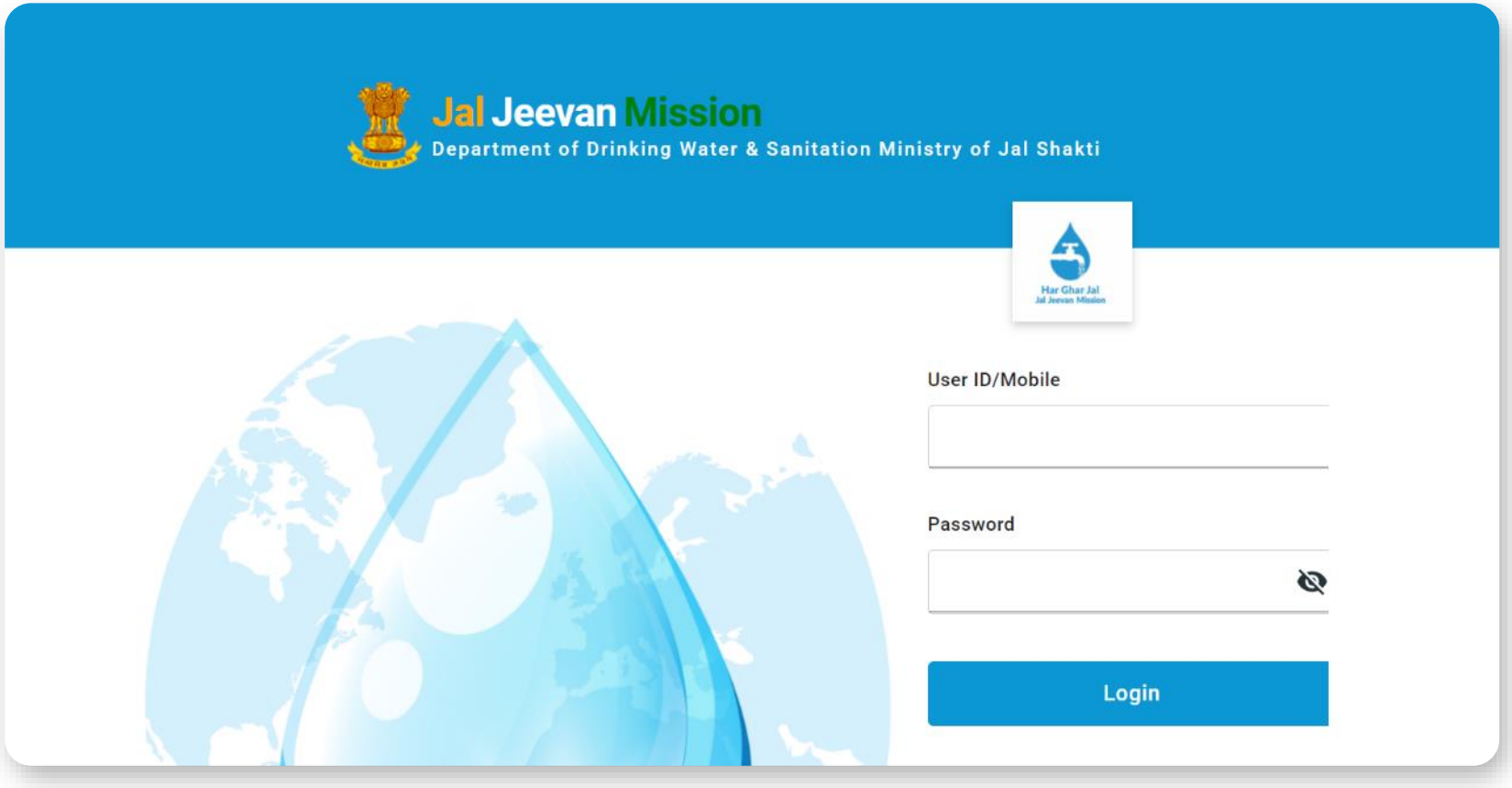
The step to login are as follows:

Go to this link:
https://jjmapp.ddws.gov.in/login

This screen will appear when you open the link to the web panel.

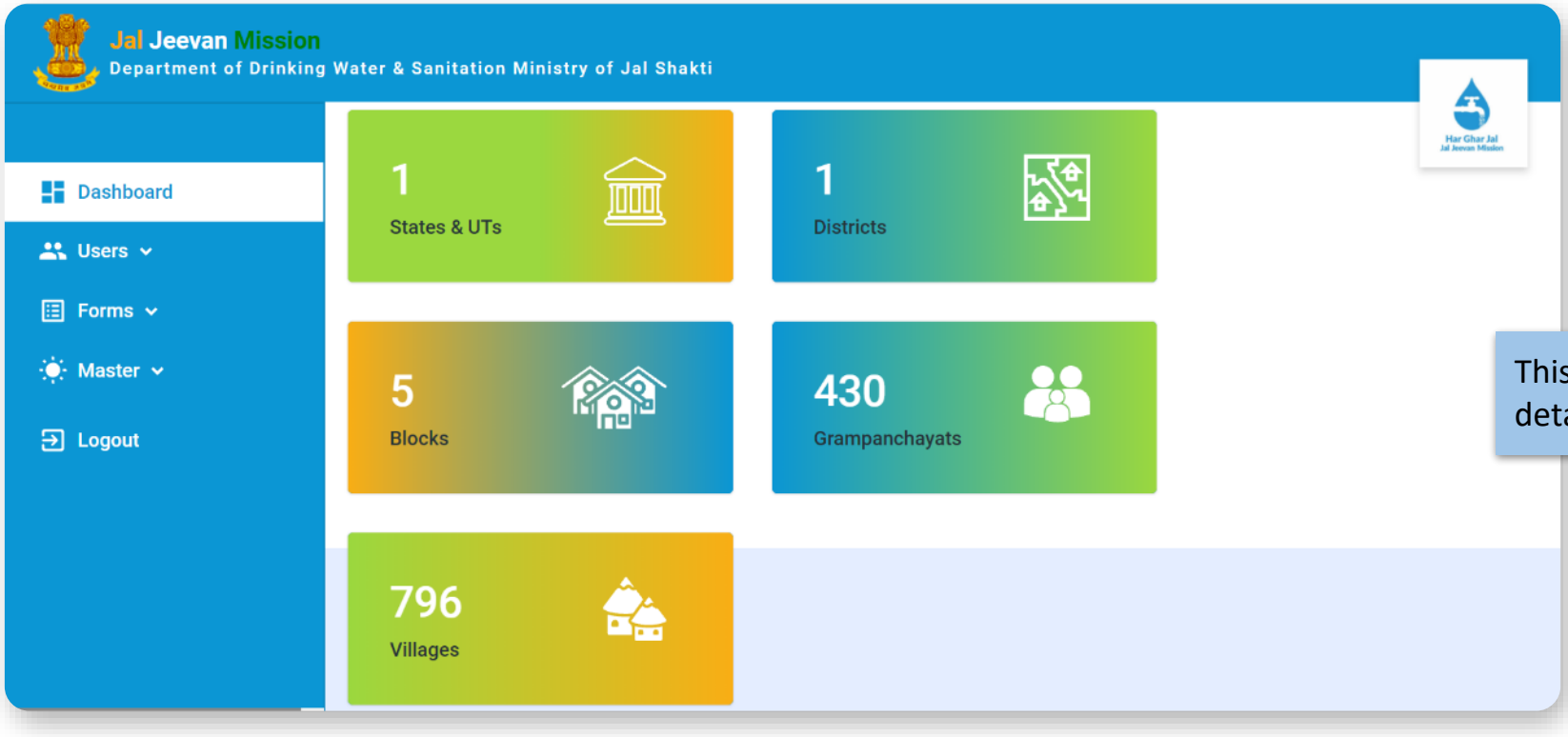
Login credentials will be provided by state officials (SWSM)

Enter the mobile no./user ID and password here to login to the app



Home page

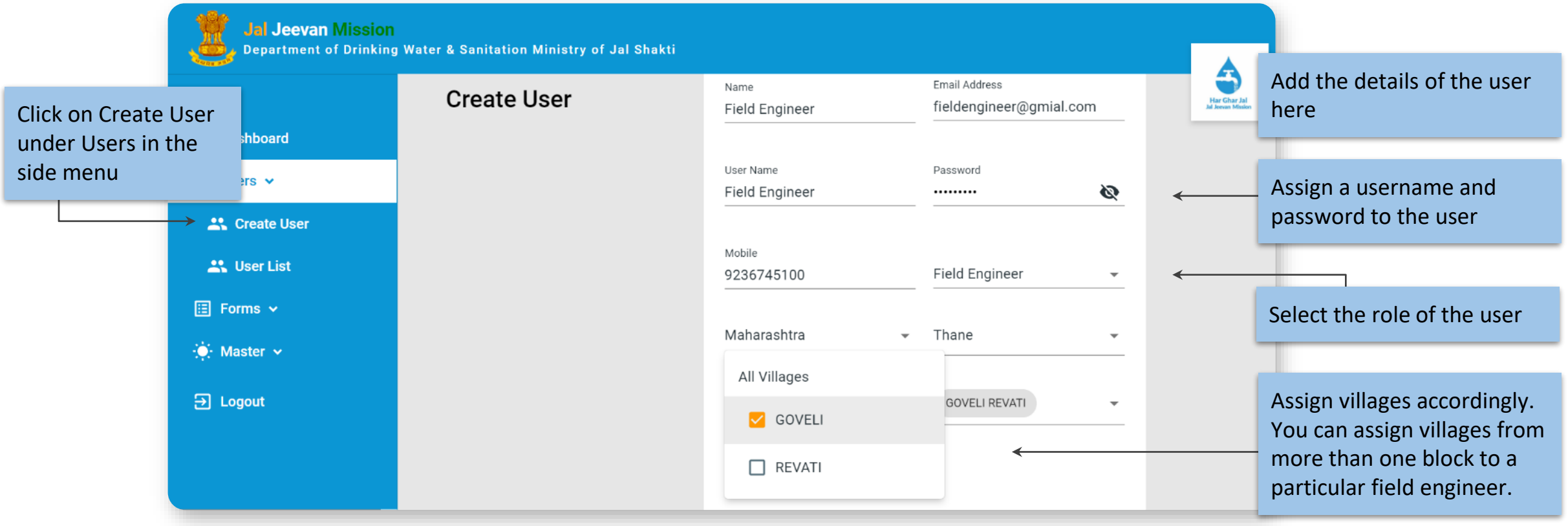
This screen will appear as you login to the web panel



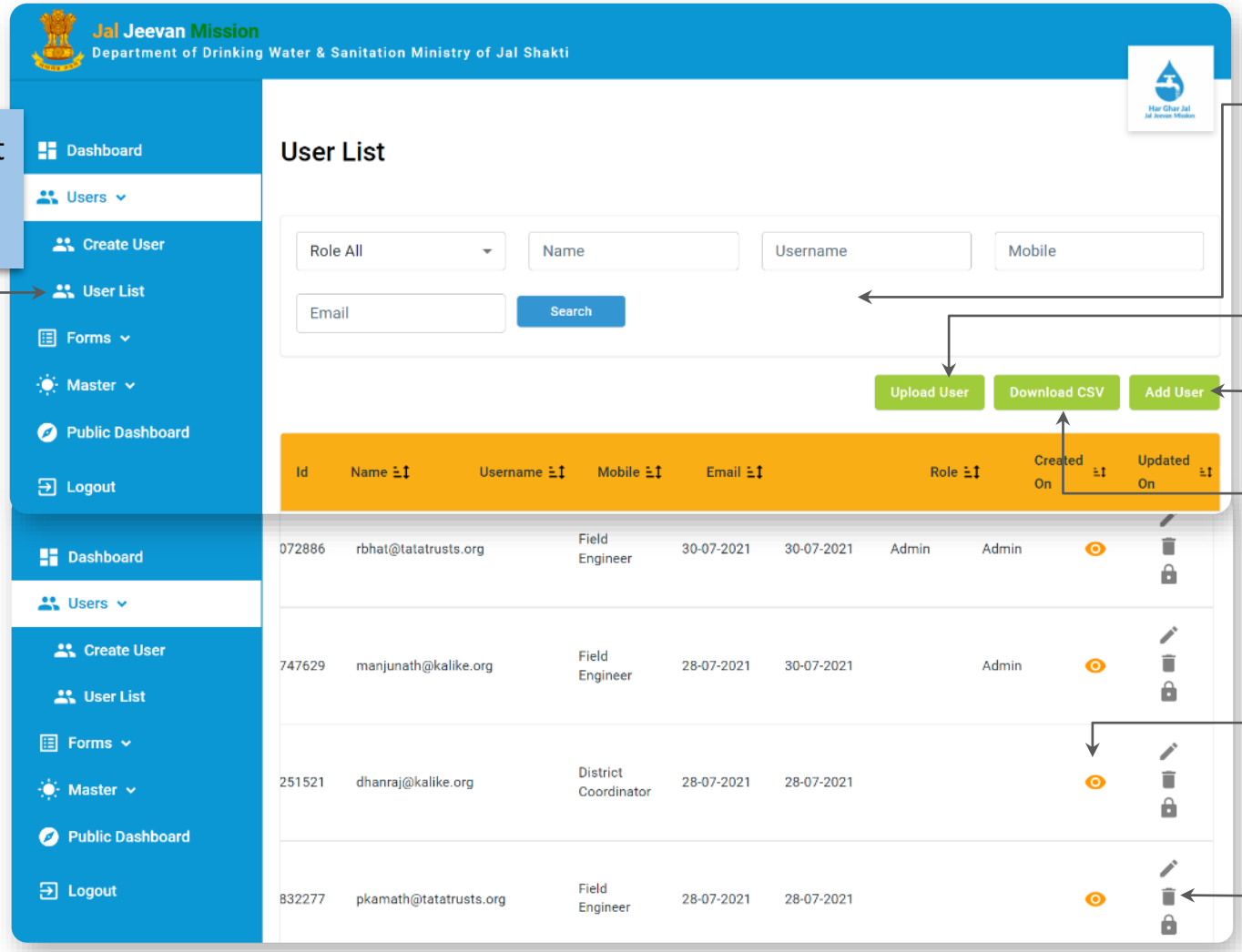
This dashboard will show the details of state allotted to you

Create User

A district coordinator can create field engineers for his allotted district



User List



Click on User List to see the entire list of users

You can apply various filters here

You can create multiple users at the same time using the “Upload User” option

You can create a single user using the “Add User” option as well

Use this option to download CSV file of the list

Click here to view the allotted state, district, villages etc.

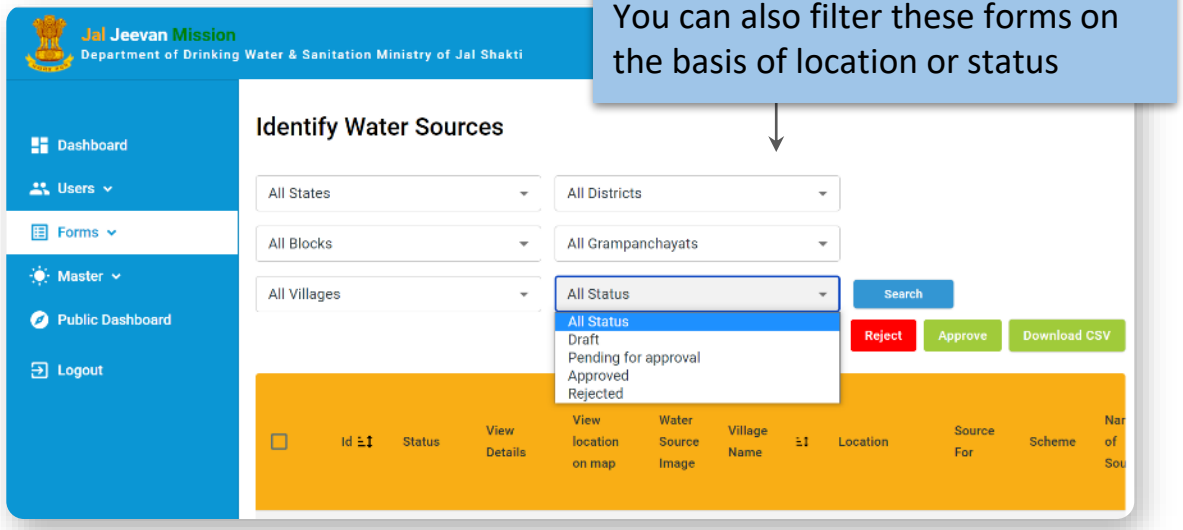
You can edit, delete or change password for a user using these options

Identify Water Sources (slide 1/2)

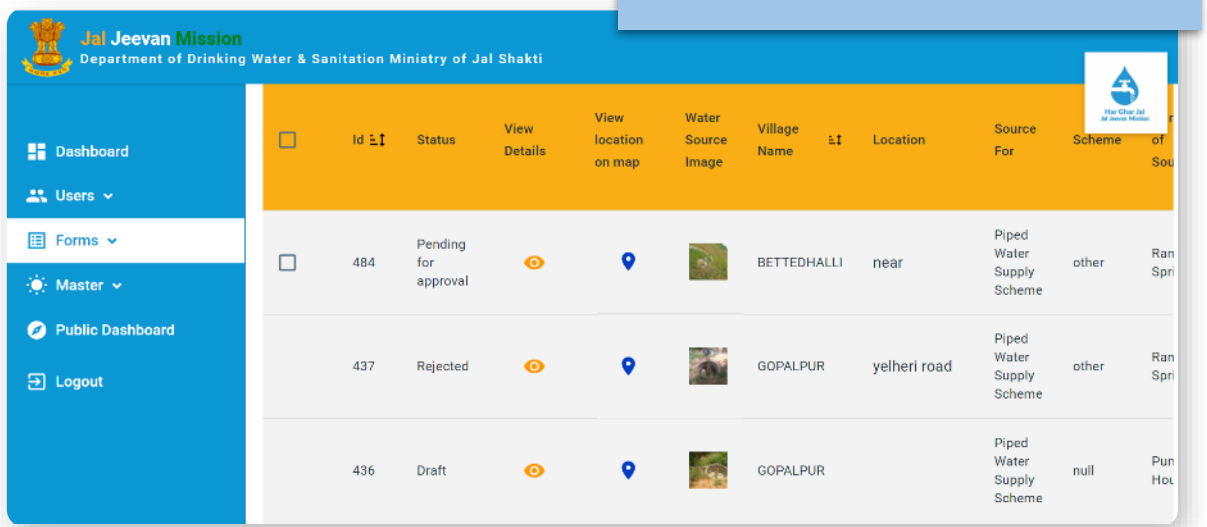
Data entered in the “Identify Water Sources” form in the app will be visible here. You can:

- Check all the form details
- Approve/Reject the forms

You can also filter these forms on the basis of location or status



Scroll right the table to see all the information. You can also click on the view details icon.



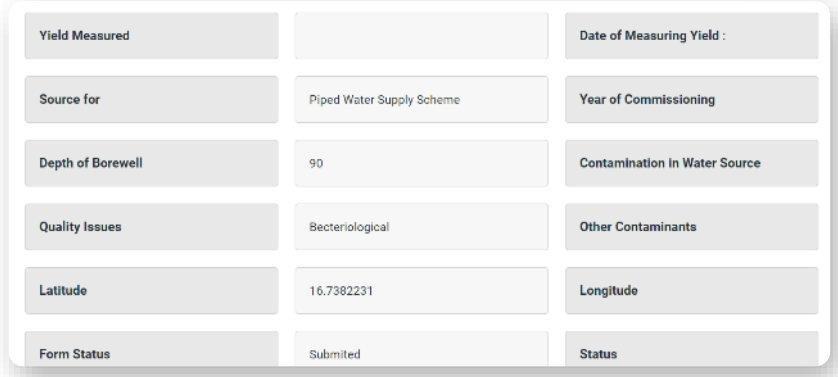
You can approve/reject the forms that are “Pending for Approval”. Drafts can not be approved/rejected. Rejected forms will be sent back to field engineers to make the required changes.

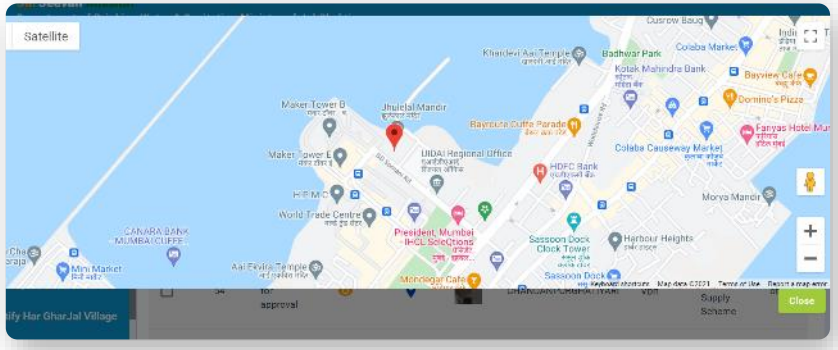
Identify Water Sources (slide 2/2)

Click on this icon to check the detailed view of the form

Click here to view location of the water source on the map

Hover on this picture to see enlarged view of the photo of the water source





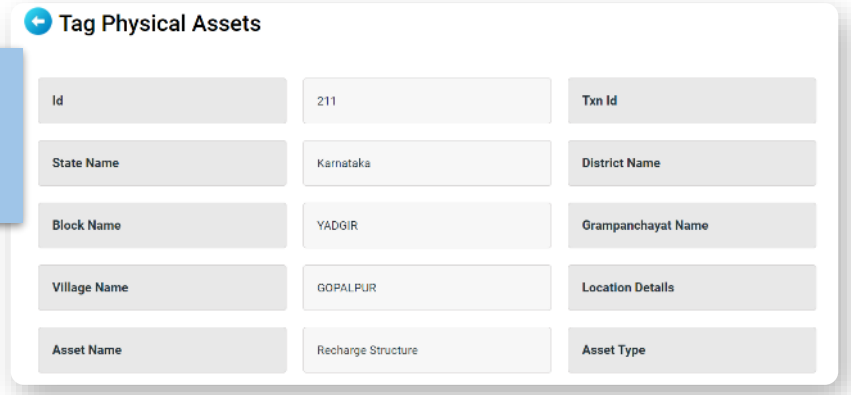
Tag Physical Assets

Data entered in the “Tag Physical Assets” form in the app will be visible here. You can:

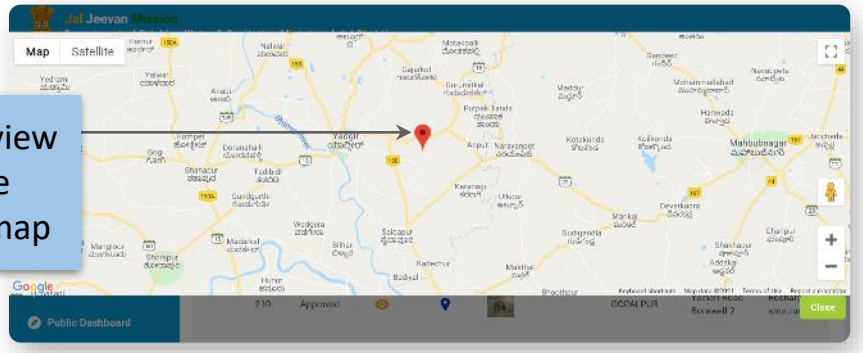
- Check all the form details
- Approve/Reject the forms

You can approve/reject multiple forms at the same time. You will have to provide the reason for rejecting a form.

click on this icon to check the detailed view of the form



Click here to view location of the asset on the map



Hover on this picture to see enlarged view of the photo of the asset

Certify as Har Ghar Jal Village

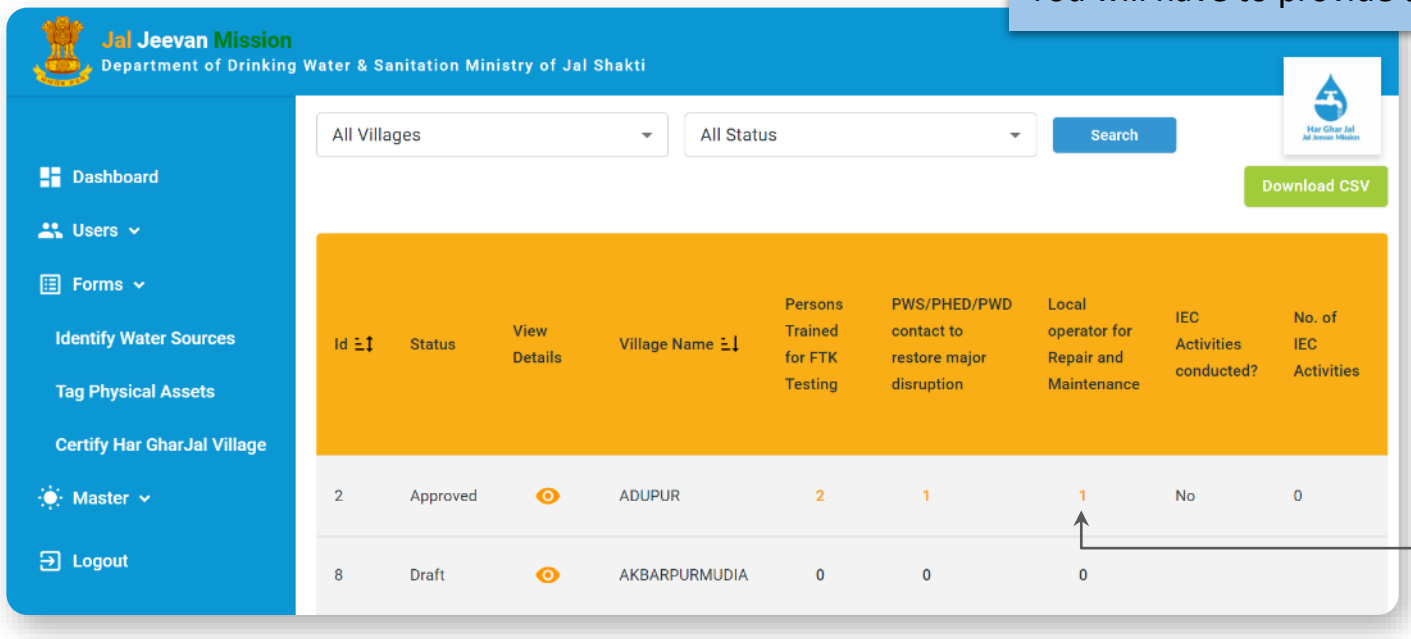
Har Ghar Jal
Jal Jeevan Mission

Data entered in the “Certify as Har Ghar Jal Village” form in the app will be visible here. You can:

- Check all the form details
- Approve/Reject the forms

Scroll right the table to verify all the information.
You can also click on the view details icon.

You can approve/reject multiple forms at the same time.
You will have to provide the reason for rejecting a form.



Click on the no. to open the contact details in this window

Thank you