DAY – 80

26 November 2025

Change the PDF manual

- **What is Chakbandi**

Chakbandi in the context of water resources primarily refers to the digitization and mapping of areas served by specific canal outlets (command areas) to ensure efficient and equitable distribution of irrigation water. This process is a key part of the broader agricultural land reform known as "land consolidation".

- **What is Warabandi**

Warabandi is a rotational irrigation system that allocates water equitably among farmers based on a fixed schedule. The term "warabandi" is from Urdu, meaning "fixed turn" or "fixed rotation". In this system, each farmer is given a predetermined day, time, and duration to receive irrigation water from the canal's outlet, allowing them to plan for their crops and ensuring fair access to water.

- **What is CO40**

The term "CO-40" in a general context typically refers to PEG-40 Hydrogenated Castor Oil, a chemical used as an emulsifier and surfactant in various products that interact with water.

- **What is Command Statement**

The Command Statement provides a summary of the command area under a specific outlet or channel. It includes land area, irrigation coverage, and operational details. Officials use it for planning and monitoring water supply. It helps compare expected vs actual irrigation coverage. The statement is used for administrative decision-making.

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- **What is Comparative Command Statement**

This report compares two command areas or outlets side by side. It helps evaluate water distribution, land utilization, and system performance. Officials rely on it for planning improvements and resource allocation. It highlights differences in irrigation demand and supply. The comparative report is generated in clear tabular format.

- **What is this application about**

The PISMS – e-Sinchai Mobile & Web Application is a system that helps farmers and irrigation department officials manage irrigation-related services digitally.Farmers can apply online for irrigation requests, track the status, and upload land records — without visiting offices.

Officials can review applications, process approvals, manage irrigation schedules, monitor delays, generate reports, and view land & canal data on maps.

- **What is GIS**

The GIS Portal offers map-based visualization of irrigation infrastructure. Users can view administrative boundaries, mustil-killa maps, water channels, and outlets. It supports tools like measuring distance, drawing shapes, comments, printing, and switching basemaps. Satellite imagery helps in field verification. It enhances monitoring through spatial analysis.

- **What is Jamabandi**

In the context of land records, Jamabandi is an official "Record of Rights" document that includes details about a specific parcel of land's ownership, cultivation, and revenue status. While "Jamabandi" itself is primarily a term for general land records, its connection to water resources comes from the fact that these records often document the source and nature of irrigation for agricultural land.

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- **What is Update profile**

The Update Profile feature allows users to modify their personal information stored in the system. It includes editable fields such as name, father's name, DOB, contact details, Aadhaar, address, and location. Updating the

profile ensures that the database remains accurate for identification and communication. Office-related details are usually non-editable and system controlled. This module helps maintain clean and updated user records.

- **What is Change password**

This option allows users to update their login password for security purposes. The user must enter the old password and set a new one to ensure account protection. The Confirm Password field prevents errors by verifying the new password. Once updated, the user must use the new password for future logins. It enhances privacy and prevents unauthorized access

- **What is authorities mapping**

Authorities mapping in water resources refers to two distinct but related concepts: the spatial mapping of water bodies and resources using technologies like GIS and remote sensing, and the institutional mapping of government and non-government organizations that have a role in water management. Both are crucial for scientific analysis, planning, and managing water sustainably.

- **What is bulk authorities mapping**

"Bulk authorities mapping" is not a standard, widely-used technical term in the general field of water resources management. The phrase appears to be a combination of two distinct concepts, "bulk water management" by regulatory authorities and "water resource mapping" using technology, potentially used in a specific regional or project context (such as the Maharashtra Water Resources Regulatory Authority in India).

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- **What is assign authorities mapping**

"Assigned authorities mapping in water resources" refers to two related concepts: institutional mapping (identifying which organizations have authority over water management functions) and geospatial water resource mapping (creating maps that inform the management and allocation decisions made by these authorities).

- **What is A form**

A-Form is a supporting land record used for validating farmer applications. It includes essential landholding details such as owner name, area, and plot numbers. Irrigation authorities use it to verify application authenticity. It forms part of the documentation for processing irrigation requests. It ensures accuracy in field-level verification.

- **What is revenue data**

The Revenue Data module retrieves official land ownership records from district-level revenue databases. Users must select District, Tehsil, and Village to fetch records. It displays owner IDs, names, plot numbers, and total area. Records can be viewed individually or downloaded as PDF. It supports land verification for irrigation services.

- **What is MIS report**

MIS Report provides statistical summaries for monitoring system performance. Users can generate reports by circle, division, employee, application type, ID, or pending status. Date-range filters allow custom analytics. The report highlights delays, approvals, and workload distribution. It is a key tool for higher-level decision-making

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- **What is Naksha nakal**

Naksha nakal" refers to obtaining a certified copy (nakal) of a land map (naksha). In the context of water resources, this likely relates to accessing official maps or records that detail land use, including the location of water bodies or irrigation infrastructure on a specific parcel of land.

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