

DSS-MHGW

Mobile Application Document

Introduction:

DSS-MHGW mobile application is having 4 Main modules which is further divided into submodules

1. Rig Module.
 - Registration of Private Rig
 - Rig BCR module for Govt. Rig
 - Rig BCR module for Private Rig
2. Well Module
 - Well Registration for Urban/Rural
 - Irrigation and Industrial module
 - Lithology for the uploaded wells
3. Static water Level collection for OBW Wells
 - Bacteriological and Chemical Sample Collection from App
 - Update or Replace Well Module

11:20

4G LTE 29.1 KB/s



Designed and Developed by MRSAC, Nagpur

1)The app will start with the Permission page User have to give all permissions asked by app.

2) An OTP will be sent to the given no. and user will get registered.

3)



Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)



DASHBOARD

LOGOUT

PROFILE MANAGER

RIG MONITORING

WELL MONITORING

Designed and Developed by MRSAC, Nagpur
App Version: 0.8 v



5:19

55.4 KB/s 4G+ 5G

**Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)****Dashboard**

Logged as : Pratibha Kuber

SYNC

BACK



Monitor New Rig



View Status

Monitered Rig :



- Approved
- Form Submitted
- Agree Submitted
- Form Rejected
- Agree Rejected
- Agree Verified
- Drafted

Monitered Rig Status :

Sr. No.	Rig No	Form Status	Action
1	CC25WZ2145	Approved	
2	AA11BB1234	Agree Verified	
3	GV12WD2547	Drafted	


10:38

8%

 RIG REGISTRATION Demo 0.3 

Dashboard

Logged as : Prashant Shravan Ujjainkar SYNC

 Rig Details

BH


25

AD

5236

CANCEL

ADD



Approved

Form Submitted


Agree Submitted

Form Rejected

1

2


3



4

5

6



7

8

9

.

-

0

,

|||

∨

5:20

LTE 0 KB/s 4G

**Decision Support System(DSS)**
Maharashtra Groundwater(MH-GW) (D-0.8)**RIG MONITOR****APPLICANT
DETAILS****RIG DETAILS****DOCUMENT
UPLOAD**

Title *	Select Title ▼
First Name *	Pratibha
Middle Name *	a
Last Name *	Kuber
Aadhar No. *	525283838358
Applicant is Resident of Maharashtra or Not ? *	
<input type="radio"/> Yes	
<input checked="" type="radio"/> No	
Full Address *	testing
Landmark	testing
State *	Maharashtra ▼
District *	Ahmednagar ▼
Taluka *	Akola ▼
Village *	Abit Khind ▼
Tele-Phone No. With STD Code	
xxxxxxxxx	
Pincode *	440856

5:20

5.73 KB/s 4G+ 5G



Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)



RIG MONITOR

APPLICANT
DETAILS

RIG DETAILS

DOCUMENT
UPLOAD

FIRM DETAILS +

Name Of Firm * testing

Same as above



Registraion No.(Gumasta/Reg. No.) of Firm *

tf5445

Firm Address * testing

Landmark testing

State * Assam

District * Baksa

Taluka * Baganpara (Pt)

Village * Amingaon

Pincode * 440856

Firm mobile no 8329478608



Tele-Phone No. With STD Code

XXXXXXXXXX

E-Mail ID : pratibha.kuber@gmail.com

Select District for Agreement *

Assam

5:22 29.59 KB/s 4G+

Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)

RIG MONITOR

APPLICANT DETAILS RIG DETAILS DOCUMENT UPLOAD

Description of Drilling Rig *
IR

Diameter Information *
☒ DTH 150
☐ Rotary Enter Rotary Diameter

RTO Registration Number of The Rig *
GY12WD2547

Capacity of The Compressor * :Pressure
300 PSI

Free Air Delivery (FAD) *
250 CFM

PREVIOUS **SAVE** **NEXT**

1 2 3 -
4 5 6]
7 8 9 X
, 0 . ←

✓ ○ ≡

5:22



2.94 KB/s 4G+



Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)



RIG MONITOR

APPLICANT
DETAILS

RIG DETAILS

DOCUMENT
UPLOAD

* ALL DOCUMENTS SHOULD BE IN .PDF FORMAT, MAX SIZE 1MB.
* ALL DOCUMENTS SHOULD BE IN ENGLISH, HINDI OR MARATHI LANGUAGE.

Income Tax Return *

BROWSE

UPLOAD

Valid Registration Certificate of the Firm *

BROWSE

UPLOAD

RTO Registration Certificate of the Rig *

BROWSE

UPLOAD

Current Tax Certificate of the Rig Carrier *

BROWSE

UPLOAD

Insurance Certificate of the Rig *



5:22



4G+ .ll .ll



Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)



RIG MONITOR

APPLICANT
DETAILS

RIG DETAILS

DOCUMENT
UPLOAD

BROWSE

UPLOAD

Insurance Certificate of the Rig *

BROWSE

UPLOAD

PAN / TAN Number of Owner/ Firm *

BROWSE

UPLOAD

Adhar Document *

BROWSE

UPLOAD

Rig Fitness Certificate *

BROWSE

UPLOAD

GPS Installation Receipt(Optional)

BROWSE

UPLOAD

5:22



0 KB/s 4G+ .ll .ll



Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)



RIG MONITOR

APPLICANT
DETAILS

RIG DETAILS

DOCUMENT
UPLOAD

Rig Fitness Certificate *

BROWSE

UPLOAD

GPS Installation Receipt(Optional)

BROWSE

UPLOAD

*** ALL IMAGES SHOULD BE IN .JPEG / .PNG FORMAT, MAX SIZE 1MB.**

Front Facing Photograph of the Rig Machine(Showing
RTO Registration No.)(1 Photo only) *

BROWSE

UPLOAD

Side Facing Photograph of the Rig Machine(Showing
Compressor)(1 Photo only) *

BROWSE

UPLOAD

PREVIOUS

VIEW

SUBMIT

11:55

18%



RIG REGISTRATION Demo 0.3



RIG STATUS

CHOOSE RIG

Choose Rig No.

Application Status

Select Rig No

MH 11 PU 5555

MH 23 RT 1234

MH 56 UU 9989

MH 34 TT 2323

MH 98 TT 6956

MH 33 UU 1234

MH 22 UU 1234

MH 11 UU 1234

MH 01 PU 3333

MH 55 DB 1234

MH 74 TY 5845

MH 21 RR 1234

MH 47 HG 7845

MH 25 HJ 1234

MH 76 OK 1234

MH 34 JJ 1234

MH 11 YY 8654

MH 27 PU 1234

MH 85 WE 1234

MH 23 RT 5454

MH 76 AU 1234

MH 54 AA 4444

MH 99 PU 1234

MH 23 UU 5845

MH 66 UU 5252

MH 21 OO 1234

MH 85 UU 7454

MH 54 DF 4444

MH 74 TY 6533

MH 11 PU 1234

MH 12 AU 1234

11:55

18%



RIG REGISTRATION Demo 0.3



RIG STATUS

CHOOSE RIG

Choose Rig No. MH 76 OK 1234

Application Status



Form Submitted



Form Rejected



Approved



Agreement Submitted



Agreement Verified



Agreement Rejected

Rig Field Data collection app below

1. This app is used for BCR module for private Rig
2. User has to Select Rig Field data collection from the Dashboard.
3. Then need to Go to Download Manager and download District and Taluka.
4. After downloading data from Download Manager, User has to select Field data collection from Dashboard.



DOWNLOAD MANAGER

BACK

REFRESH DISTRICT

Select District

Nagpur

Select Taluka

Nagpur (Urban)

DOWNLOAD

DOWNLOADED DATA SUMMARY

District

Taluka

No. of Record

Date

11:20

VoLTE 4.05 KB/s



Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)



RIG MODULE

RIG MONITOR

RIG FIELD DATA COLLECTION

BACK

5. On selection of RIG FIELD DATA COLLECTION user has to select the Approved Rig no. from the dropdown
6. User must enter the required fields from app and take location.
7. Also, user can Add Lithology, Casing Policy and Water struck zone at the same time.
8. For Office user or GSDA user:
 - a) User have only need to take location information as well as Photo of the location and the Rig's No. Plate for using this module.
 - b) They must save the data and at the present of internet they can send data.

11:21

VoLTE 0.2 KB/s



Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)



RIG FIELD DATA COLLECTION

Select Rig No *

AA11BB1234

Rig Details +

Drilling Details +

Get Location Information +

Photo +

Lithology +

Casing Policy +

Water Struck Zone +

Remarks +

SAVE

SEND

BACK

11:21

VoLTE 2.01 KB/s



Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)



RIG FIELD DATA COLLECTION

Select Rig No * AA11BB1234

Rig Details -

Rig Type: DTH

If working area other than registred working areas *

YES

District : Nagpur

Taluka : Nagpur (Urban)

Village : Nagpur (M Corp.)

Drilling Details -

Well Type * Select Well Type

Drilling Start Date *



B-well/ T-well
Completion Date *



Drilling Time(Hours) :

Development Hour *



Diameter(mm) *

Depth(m) *

11:23

VoLTE 0.39 KB/s

**Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)****RIG FIELD DATA COLLECTION**

village : nagpur (M Corp.)

Drilling Details -

Well Type * Tubewell

Drilling Start Date * 2025-02-07 11:21:0

B-well/ T-well
Completion Date * 2025-02-09 11:22:0

Drilling Time(Hours) : 48.01

Development Hour * 02.22

Diameter(mm) * 80

Depth(m) * 120

Water level(m) * 80

Grouting * YES

Gravel Packing * YES

Borewell Status * Abandoned

Reason for Abandone * poor yeild

Final Yield (lph) * 1500

Get Location Information +

Photo +

11:23

VoLTE 0 KB/s



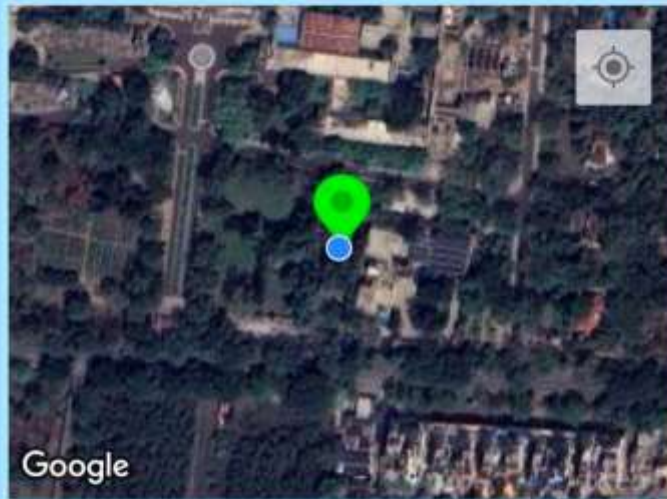
Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)



RIG FIELD DATA COLLECTION

Get Location Information -

GET POSITION (LAT/LONG)



Longitude :	79.0523118
Latitude :	21.1220253
Accuracy (m) :	4.32
Date/Time :	2025-03-04 11:23:23

Photo +

Lithology +

Casing Policy +

11:23

VoLTE 0 KB/s



Decision Support System(DSS) Maharashtra Groundwater(MH-GW) (D-0.8)



RIG FIELD DATA COLLECTION

- 4) 1st photo should be of Location.
- 4) 2nd photo should be of Rig including no. plate

Location Photo : cb16cdffa8e7412a_20250304_112339



Rig Photo : cb16cdffa8e7412a_20250304_112345



Lithology -

11:24

VoLTE 0 KB/s



Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)



RIG FIELD DATA COLLECTION



Add Lithology

Lithology

Depth from

0

Depth to *

5

Select One *



Rock



Water



Soil

Remarks

testing



CANCEL

ADD

Water Struck Zone +

Remarks +

SAVE

SEND

BACK

11:24

Ver 1.0.15
LTE2 KB/s



Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)



RIG FIELD DATA COLLECTION



Add Casing

Casing

Depth from

0

Depth to *

10

Please select casing type *

- ☐ HDPE Pipes
- ☐ MS~Blank
- ☒ MS~Slotted
- ☐ PVC~Blank
- ☐ PVC~Slotted
- ☐ Others

Remarks

testing



CANCEL

ADD

SAVE

SEND

BACK

11:24

Ver 1.08
LTE2 KB/s



Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)



RIG FIELD DATA COLLECTION

Longitude : 79.0523118
Accuracy : 4.32
Date Time : 2025-03-04 11:53:34
UID : AA18B1234

Dig Photo : ch16edff8e7412e 20250304 112345



Add Water Struck Zone

Yeild

Depth from

12

Depth to *

18

Yield (LPS) *

1500

Remarks

testing



CANCEL

ADD



View Water Struck Zone



Remarks +

SAVE

SEND

BACK



VIEW MANAGER

Select District

AA11BB1234

UNSENT

SENT

cb16cdffa8e7412a_20250304_112345

VIEW

DELETE

SEND

BACK

Location Photo :
cb16cdffa8e7412a_20250304_112339



Rig Photo:cb16cdffa8e7412a_20250304_112345



Rig Id:
AA11BB1234

District Name	Nagpur
Taluka Name	Nagpur (Urban)
Village Name	Nagpur (M Corp.)
Rig Type	DTH
Well Type	Tubewell
Drill Start Time	2025-02-07 11:21:00
Drill End Time	2025-02-09 11:22:00
Mapping Date	2025-03-04 11:23:23
Drill time	48.01
Development Hour	02.22



Rig Id:
AA11BB1234

District Name	Nagpur
Taluka Name	Nagpur (Urban)
Village Name	Nagpur (M Corp.)
Rig Type	DTH
Well Type	Tubewell
Drill Start Time	2025-02-07 11:21:00
Drill End Time	2025-02-09 11:22:00
Mapping Date	2025-03-04 11:23:23
Drill time	48.01
Development Hour	02.22
Diameter	80
Depth	120
Water Level	80
Final Yeild	1500
Gravel Packing	YES
Grouting	YES
Remark	NA



View Lithology



View Casing



View Water Struck Zone

BACK



VIEW MANAGER

Select District

AA11BB1234

UNSENT

SENT

cb16cdffa8e7412a_20250304_114515

cb16cdffa8e7412a_20250304_112345

Alert

Images uploaded sucessfully

OK

VIEW

DELETE

SEND

BACK



VIEW MANAGER

Select District

AA11BB1234

UNSENT

SENT

cb16cdffa8e7412a_20250304_114515

cb16cdffa8e7412a_20250304_112345

Alert

Rig AA11BB1234 field info updated
sucessfully

OK

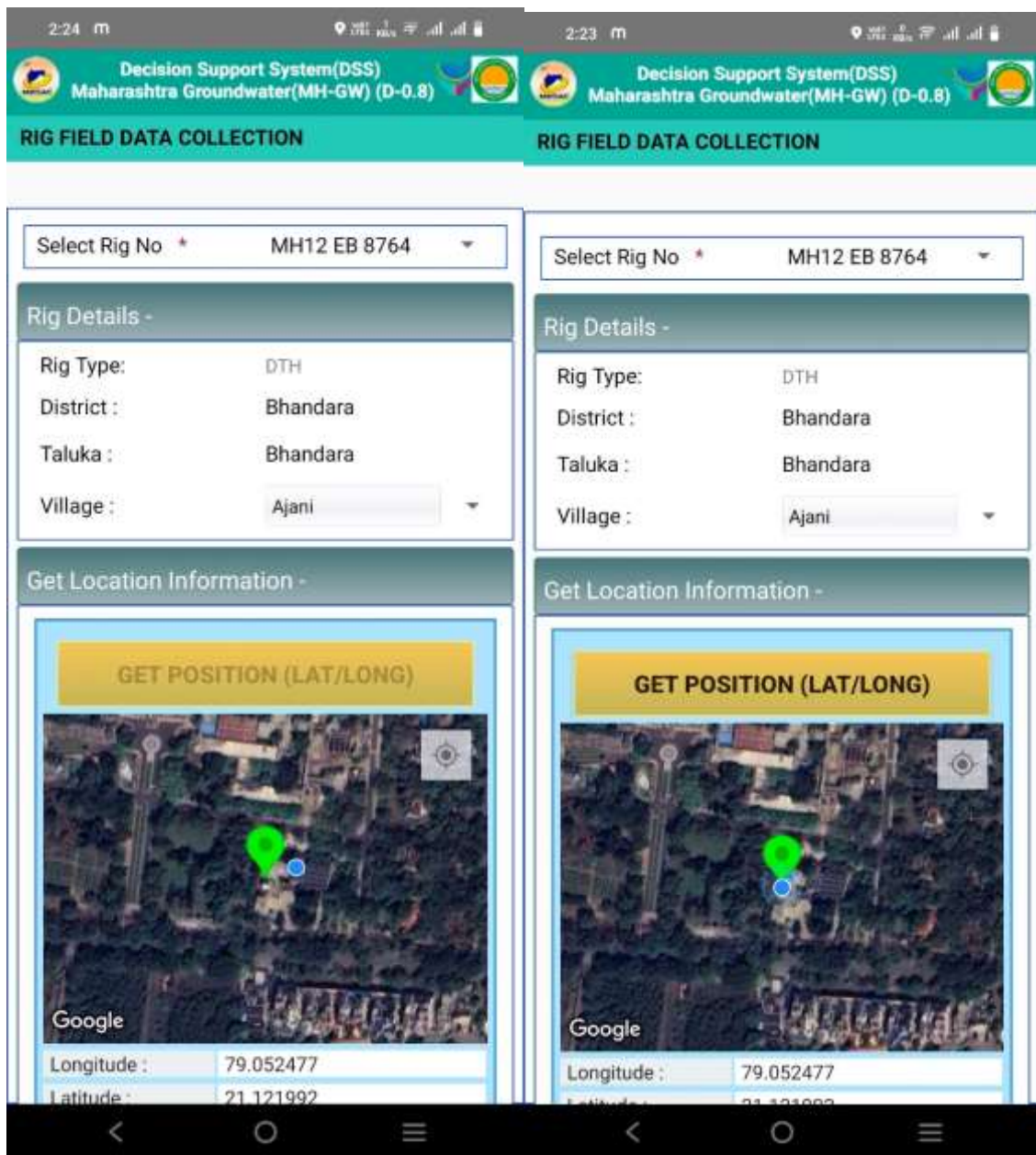
VIEW

DELETE

SEND

BACK

Rig Field data collection Govt Rig BCR module



2:24 m

Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)

RIG FIELD DATA COLLECTION

Photo -

1) Click on camera icon to take photo

2) Move to landscape mode

3) Maximum 2 photo

4) 1st photo Should be of Location.

4) 2nd photo should be of Rig including no. plate



Location Photo : cb16cdffa8e7412a_20250313_142350




Rig Photo : cb16cdffa8e7412a_20250313_142357



2:24 m

Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)


RIG FIELD DATA COLLECTION



Alert

Rig MH12 EB 8764 field info geotagged sucessfully

OK



Remarks -

testing

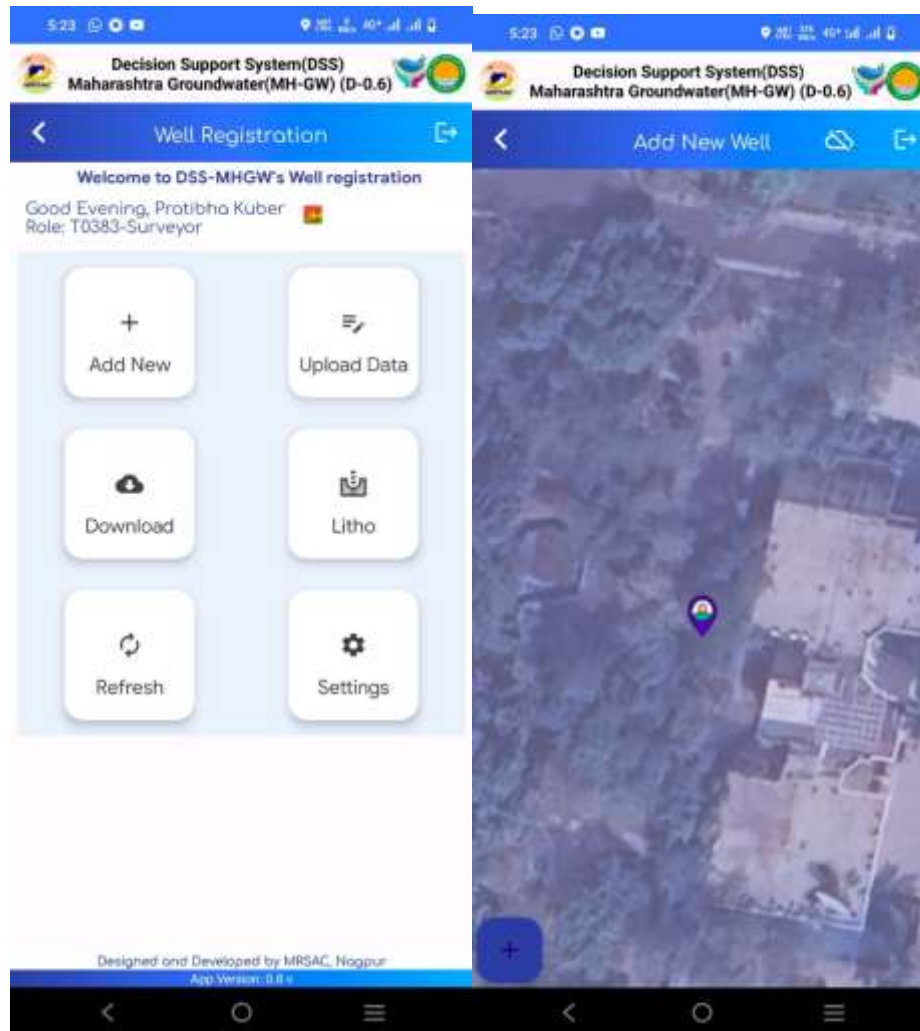
SAVE

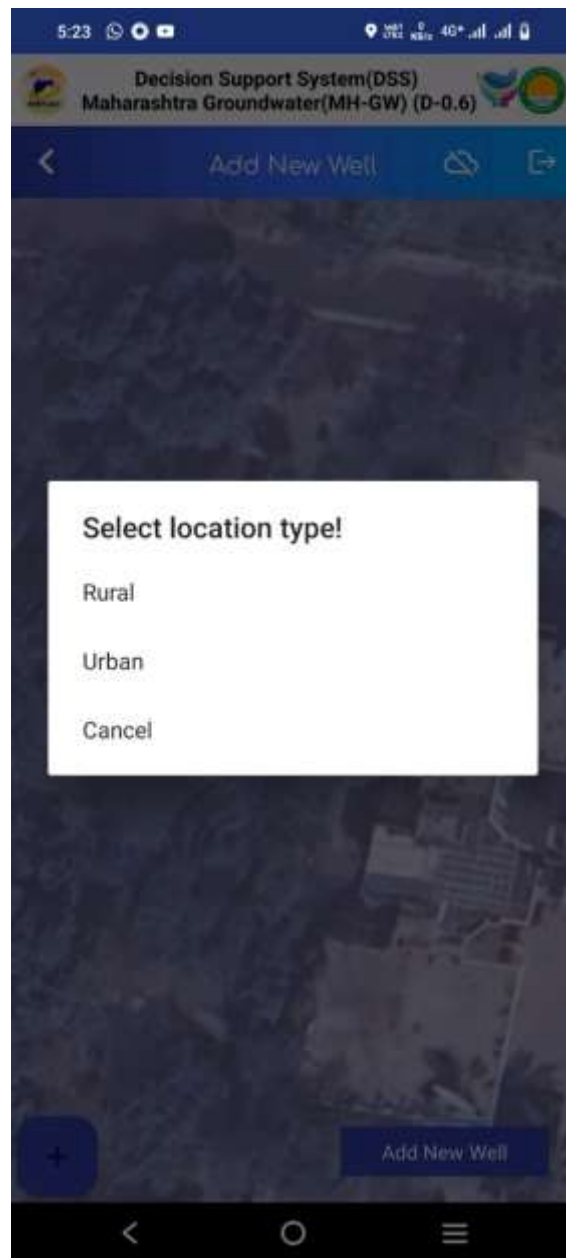
SEND

BACK

Well Module

- User can register New Well/Observation Wells from this module.
- In Well module there will be 4 submodules.
- Registration of Rural Irrigation Well
- Registration of Rural Industrial Well
- Registration of Urban Industrial Well
- Registration of Urban Residential Well
- Lithology for all the above given wells
- User has to select the module and as per module app will get work
- Whichever fields are mandatory user has to fill those fields
- Take photos and signature on the signature pad
- And upload the data
- As data get uploaded user can fill lithology information through the app of each given level.







New Well



(Rural - Irrigation)

Owner Details



Location Details



Well Details



Crop Details



Location Photo



PREVIEW

Designed and Developed by MRSAC, Nagpur
App Version: 0.8 v



5:24



5:24 0 KB/s 4G+ .ll .ll



Decision Support System(DSS) Maharashtra Groundwater(MH-GW) (D-0.6)



New Well



Location Details ^

Dhule ▾

Shirpur ▾

Arthe Khd ▾

Arthe Kh. ▾

* Pin code

440010

* Location of well (Revenue Survey/Gat Num...

Well Details ▾

Crop Details ▾

Designed and Developed by MRSAC, Nagpur

App Version: 0.8 v



5:24



0 KB/s 4G+



Decision Support System(DSS) Maharashtra Groundwater(MH-GW) (D-0.6)



New Well



* Please select measuring point.

Ground Level

Pulley

Parapet Wall

* Pulley height (m)

0.6

Height of Pulley/Parapet (m) above GL (AG L)

* Diameter

15

* Depth (m)

12

* Current water level

6

* Curbing (m) /Casing (m)

0.6



* Please select curbing type.

Brick

Stone

Cement

Masonry

Concrete

MS

PVC Others

Designed and Developed by MRSAC, Nagpur

App Version: 0.8 v



5:24



Vol 1 0.19
LTE+ KB/s 4G+



Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.6)



New Well



* Please select abstraction device is used in well.

Electric Pump

Diesel Engine

Solar Pump Set

Hand Pump

Rope and Pulley

* Please select pump type.

Mono Block

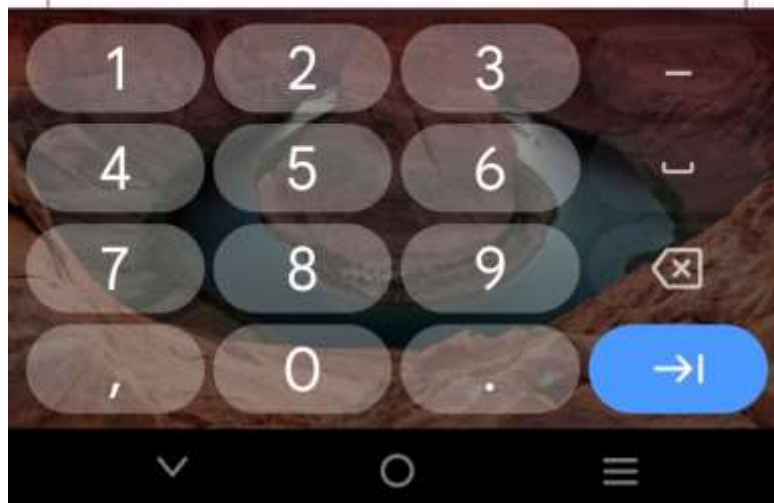
Submersible

Engine Oil

None

* Horse Power of the pump set (hp)

1.5



5:25



signal strength 0.59 KB/s 4G+



Decision Support System(DSS) Maharashtra Groundwater(MH-GW) (D-0.6)



New Well



* Horse Power of the pump set (hp)

1.5

* Summer Pumping Hours/Day

12

* Winter Pumping Hours/Day

15

* Monsoon Pumping Hours/Day

18

* Summer Pumping Days

30

* Winter pumping Days

30

* Monsoon pumping days.

30



Crop Details



Location Photo



PREVIEW

Designed and Developed by MRSAC, Nagpur

App Version: 0.8 v





New Well



* Winter pumping Days

30

* Monsoon pumping days.

30



Crop Details



* Is well is used for irrigation?

Yes

No

* Total extent of land owned (Ha)

* Cultivable land (Ha)

* Extent of land irrigated (Ha)

* Please select season.

Kharif

Rabi

Summmer

Perennial





New Well



* Winter pumping Days

30

* Monsoon pumping days.

30



Crop Details



* Is well is used for irrigation?

Yes

No

* Is the well also used for domestic purpose?

Yes

No

* Distance of nearest well/bore well/tubewell...

Distance in meter

Location Photo



PREVIEW

Designed and Developed by MRSAC, Nagpur

App Version: 0.8 v





New Well



* Winter pumping Days

30

* Monsoon pumping days.

30



Crop Details



* Is well is used for irrigation?

Yes

No

* Is the well also used for domestic purpose?

Yes

No

* Total number of persons using drinking water

* Total number of cattle etc. using water

* Distance of nearest well/bore well/tubewell...

Distance in meter

Designed and Developed by MRSAC, Nagpur

App Version: 0.8 v



5:25

17.53 KB/s 4G+



Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.6)



New Well



* Is the well also used for domestic purpose?

Yes

No

Signature Pad



Clear

Done

Handwritten signature



* Signature



Aadhar

PREVIEW

Designed and Developed by MRSAC, Nagpur

App Version: 0.8 v

**Update****Confirm**

Owner	: testing
Aadhar Number	: 528453838383
* Full Address	: testing
Owner type	: Private
District	: Dhule
Taluka	: Shirpur
Gram Panchayat	: Arthe Khd
Village	: Arthe Kh.
* Pin code	: 440010
* Location of well (Revenue Survey/Gat Number)	: 12
Type of well	: Dug Well
Measuring point	: Pulley
* Pulley height (m)	: 0.6
* Parapat height (m)	: 0
Diameter(mm) *	: 15
* Depth (m)	: 12
* Curbing (m) /Casing (m)	: 0.6
Type of curbing	: Brick
Well purpose	: Irrigation
Well in use during the year	: No
Abstraction device	: Electric Pump
Type of Pump	: Submersible
Horse power	: 1.5



11:08 AM



Decision Support System(DSS)
Maharashtra Groundwater(MH-GW)



Add Lithology



11:08 AM



**Decision Support System(DSS)
Maharashtra Groundwater(MH-GW)**



Add Lithology



Well ID : 31675
Created at : 2023-10-17 11:08:23
Location type : 23/67
Well location type : RURAL IRRIGATION
Owner : mrsac
Owner type : Private
District : Nagpur
Taluka : Nagpur Rural
Gram Panchayat : Borkhedi
Village : Jangeshwar
* Location of well (Revenue Survey/
Gat Number) : 23/67
Type of well : Dug Well
Diameter type : DW/DCW in meter
* Depth (m) : 15

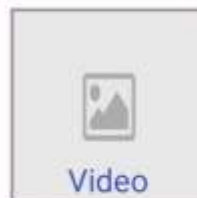


No Data

Photo and Video Information



Photo



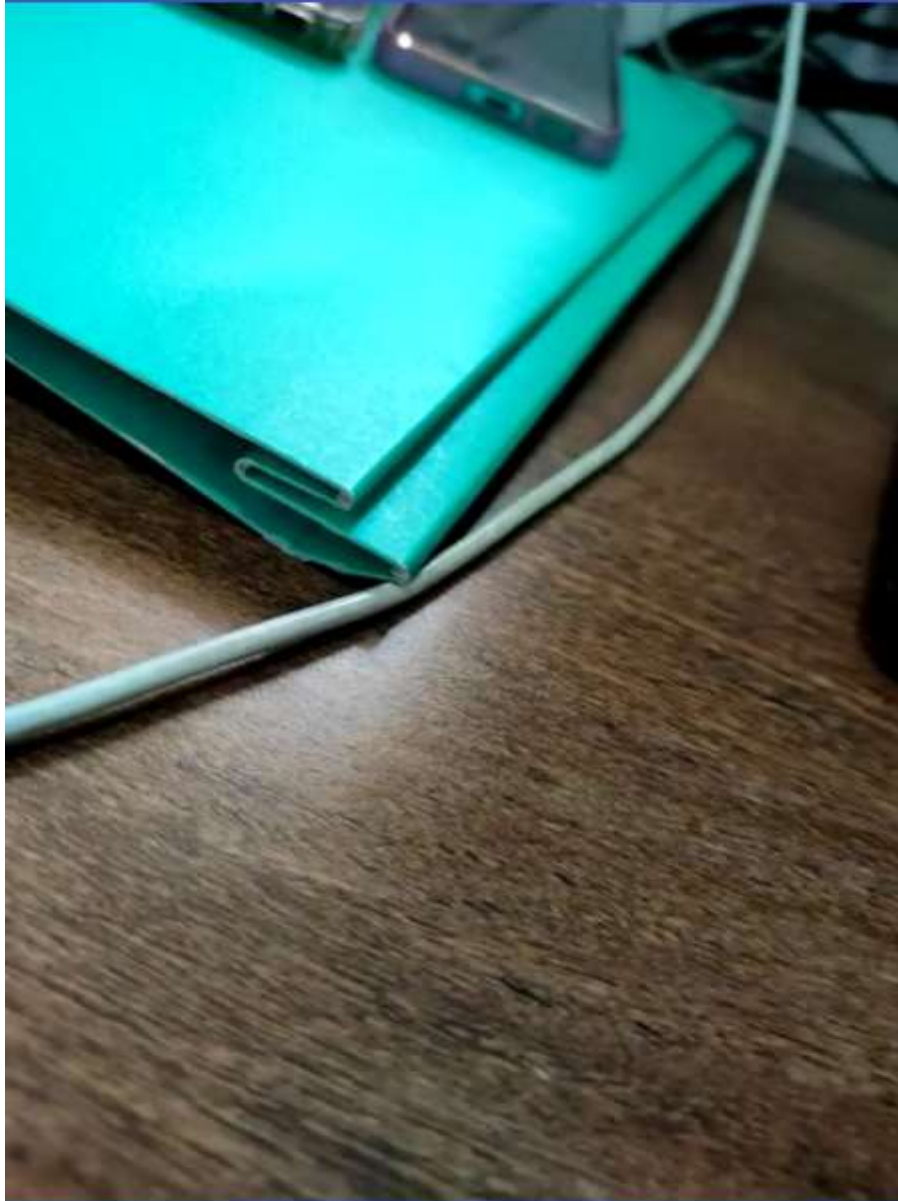
Video

Lithology

Depth from

0

Done



FileSize: 3123232
/storage/emulated/0/Movies/
CameraX-recording-2023-10-17-11-09-11-157.3gp

11:10 AM



Decision Support System(DSS) Maharashtra Groundwater(MH-GW)



Lithology Details



Well ID : 31675
Created at : 2023-10-17 11:08:23
Location type : 23/67
Well location type : RURAL IRRIGATION
Owner : mrsac
Owner type : Private
District : Nagpur
Taluka : Nagpur Rural
Gram Panchayat : Borkhedi
Village : Jangeshwar
* Location of well (Revenue Survey/
Gat Number) : 23/67
Type of well : Dug Well
Diameter type : DW/DCW in meter
* Depth (m) : 15

Lithology View

Legends

3.0

GR01 - Acidic Rocks (Granite, Syenite, Rhyolite etc.) - Weathered, J...

Lithology Details :

Lithology till (Meters)

:

3.0



11:09 AM



Decision Support System(DSS) Maharashtra Groundwater(MH-GW)



Add Lithology



Lithology

Depth from

0

Depth to

3

Select One

Water

Rock

Granite



Acidic Rocks (Granite, Syenite, Rhyolite etc.) -
Weathered, Jointed



Please select casing type

HDPE Pipes

uPVC Casing Pipes

Others

Remarks

testing



Age

Recommend

Minimum

Maximum

11:11 AM



**Decision Support System(DSS)
Maharashtra Groundwater(MH-GW)**



Add Lithology



Lithology

Depth from

15.0

Depth to

15

Select One

NHPDSS

Lithology data inserted successfully.

OK

Please select casing type

HDPE Pipes

uPVC Casing Pipes

Others

Remarks

testing



SAVE

11:11 AM



**Decision Support System(DSS)
Maharashtra Groundwater(MH-GW)**



Lithology Details



Well ID : 31675
Created at : 2023-10-17 11:08:23
Location type : 23/67
Well location type : RURAL IRRIGATION
Owner : mrsac
Owner type : Private
District : Nagpur
Taluka : Nagpur Rural
Gram Panchayat : Borkhedi
Village : Jangeshwar
* Location of well : 23/67
(Revenue Survey/
Gat Number)
Type of well : Dug Well
Diameter type : DW/DCW in meter
* Depth (m) : 15

**Lithology
View**



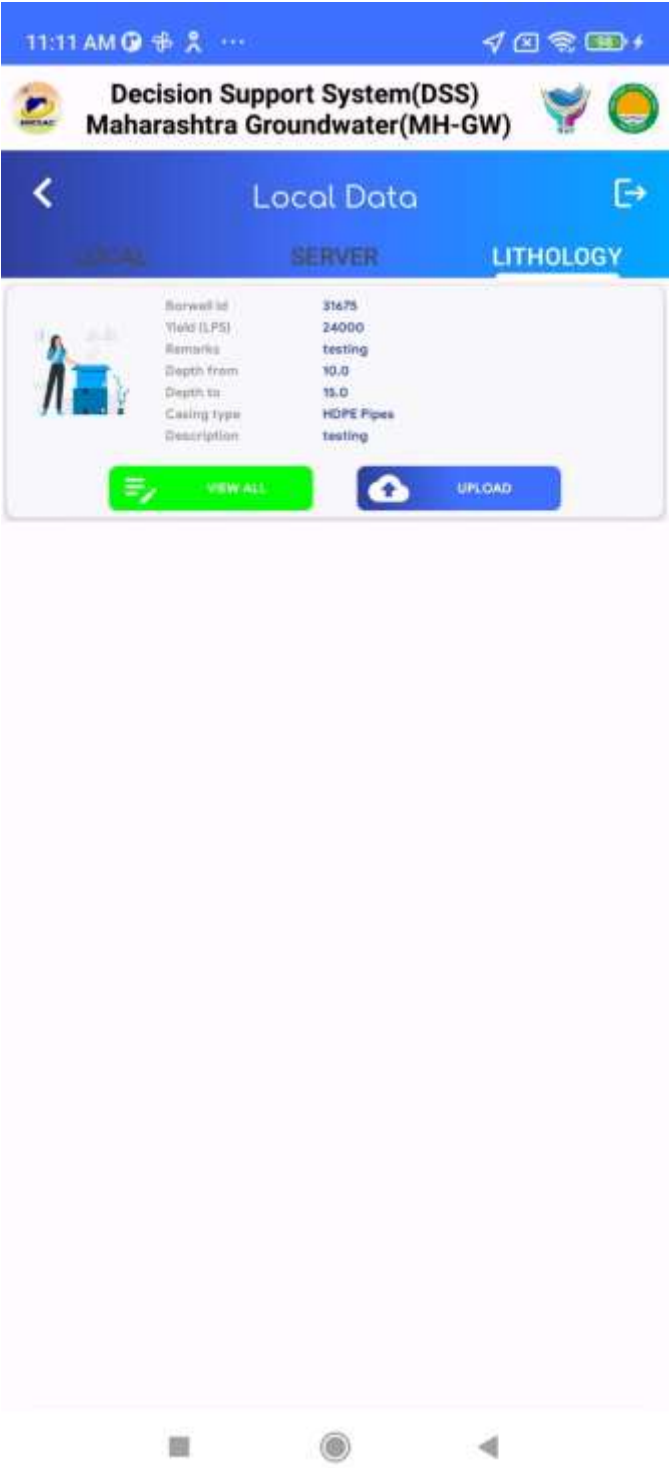
Legends

- 3.0** GR01 - Acidic Rocks (Granite, Syenite, Rhyolite etc.) - Weathered, J...
- 2.0** BS05 - Ultra Basic - Weathered
- 5.0** GN03 - Migmatitic Gneiss - Weathered, Jointed
- 5.0** Water

Lithology Details :

Lithology till (Meters) : 15.0





11:11 AM



Decision Support System(DSS) Maharashtra Groundwater(MH-GW)



All Lithologies



Borwell Id	31675
Principal Aquifer	Granite
Major Aquifer	Acidic Rocks (Granite, Syenite, Rhyolite etc.) - Wea...
Remarks	testing
Depth from	0.0
Depth to	3.0
Casing type	HDPE Pipes
Description	testing



EDIT



Borwell Id	31675
Principal Aquifer	Basalt
Major Aquifer	Ultra Basic - Weathered
Remarks	testing
Depth from	3.0
Depth to	5.0
Casing type	HDPE Pipes
Description	testing



EDIT



Borwell Id	31675
Principal Aquifer	Gneiss
Major Aquifer	Migmatitic Gneiss - Weathered, Jointed
Remarks	testing
Depth from	5.0
Depth to	10.0
Casing type	HDPE Pipes
Description	testing



EDIT



Borwell Id	31675
Yield (LPS)	24000
Remarks	testing
Depth from	10.0
Depth to	15.0
Casing type	HDPE Pipes
Description	testing



DELETE



EDIT



11:11 AM



**Decision Support System(DSS)
Maharashtra Groundwater(MH-GW)**



Local Data



LITHOLOGY

SERVER

LITHOLOGY

NHPDSS

Well lithology updated successfully.

OK



No data is found...

Static Water Level Module

- The user will use the same Login of any office user to use this app
- Need to open Well module in which he needs to select Water Level Collection
- Download data based on District and Taluka Selection



DASHBOARD

BACK



Download Manager



Mapped Well



Lab Manager



Send Manager





DOWNLOAD MANAGER

REFRESH DISTRICT

Select District:

Ahmednagar

Select Taluka:

Akola

DOWNLOAD



Information

Data downloaded successfully

OK

Date

2025-03-13 14:30:19

- Once the data is downloaded User needs to go to Mapped well Pages where he needs to select his OBW code.
- All the details related to that well code will get displayed below.
-

Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)

Static Water Level Measurement

Map Type : Normal

District : Ahmednagar

Taluka : Akola

Village : Abit Khind

Well Id : 55729301

VIEW DETAILS


Existing Well location Your Location

Map showing location of the well in Ahmednagar district, Akola Taluka, and Abit Khind Village. The well is located near Palsund.


Well info


UID : -

- User must enter Water level of the selected well.
- If User needs to collect Bacteriological or Chemical Sample for the same well He has to collect the sample and put the given sample sample by the app on the sample collected bottle and took the picture of that.
- And upload Data.
- If sample is collected from app user need to assign laboratory to the given sample only, then this will be available in send manager for uploading.
- Below is the figure to demonstrate the app flow.




Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)





Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)



Static Water Level Measurement

Well Info

UID : -

Well Id : 55729301

Depth(meter) : 8

Diameter(meter) : 5

Lining(meter) : 2

Well location : Public well Scheme well in gaathan behind Public Health Center

Get Observation Well Location

GET POSITION (LAT/LONG)

Longitude :

Latitude :

Accuracy (m) :

Date/Time :

Water Level +

Bactrological Sample Details +

Chemical Sample Details +

SAVE

Depth(meter) : 8

Diameter(meter) : 5

Lining(meter) : 2

Well location : Public well Scheme well in gaathan behind Public Health Center

Get Observation Well Location

REFRESH LOCATION

(Click on 'REFRESH LOCATION button' to get maximum accuracy 5.0 (m))

Longitude : 79.0524254

Latitude : 21.1219794

Accuracy (m) : 10.48

Date/Time : 2025-03-13 14:30:52

Water Level +

Bactrological Sample Details +

Chemical Sample Details +

SAVE

Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)

Static Water Level Measurement

Accuracy (m) : 10.48

Date/Time : 2025-03-13 14:30:52


Water Level -

Enter Water Level

1.6

Capture photo

click on
camera icon to
take photo



View Photograph

REMARK

1

2

3

-

4

5

6

⌋

7

8

9

⌫


,

0

.

↩

2:31



NHPDSS- : NHPSWL/MRSAC

ImageType : NHPSWL/MRSAC


Latitude : 19.398321000000067

Longitude : 73.930224000000007

Accuracy : 8.251999855041504

Date Time : 2025-03-13 14:31:03

Uid : 55729301





Static Water Level Measurement

Static Water Level Measurement

Capture photo

click on
camera icon to
take photo



View Photograph



Bactrological
Sample :

No

Reason :

Poor O & M

REMARK

testing

Chemical Sample Details +

REMARK

testing

Chemical Sample Details -

UID : C202_457431

Please write this id on sample bottle and take picture
of the bottle on parapet.

Capture photo

click on
camera icon to
take photo



View Photograph

Chemical Sample :

No

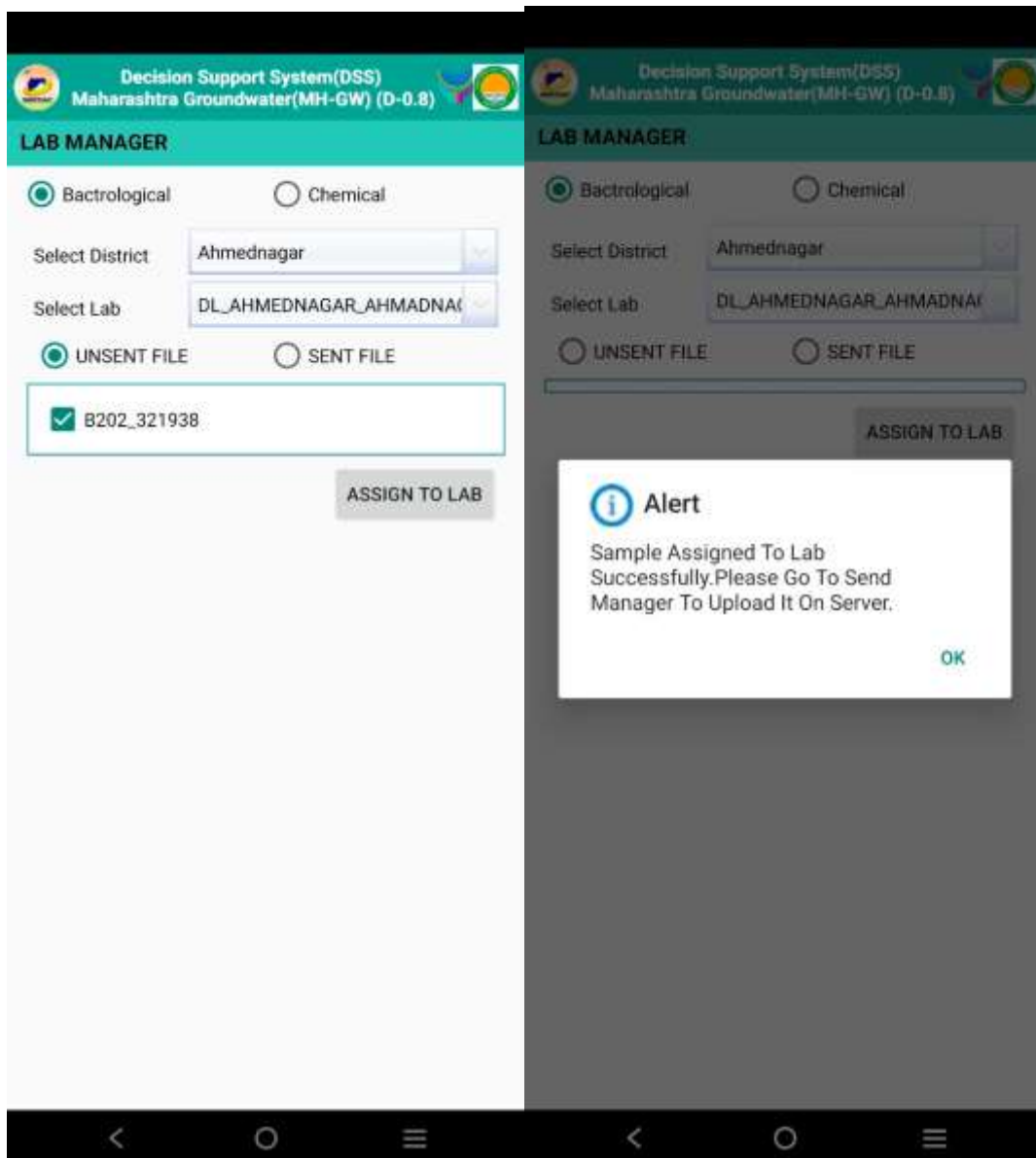
Reason :

Drying of sources

REMARK

testing

SAVE





VIEW MANAGER

BACK

Select District

Ahmednagar

UNSENT

SENT

202_55729301_20250313143157

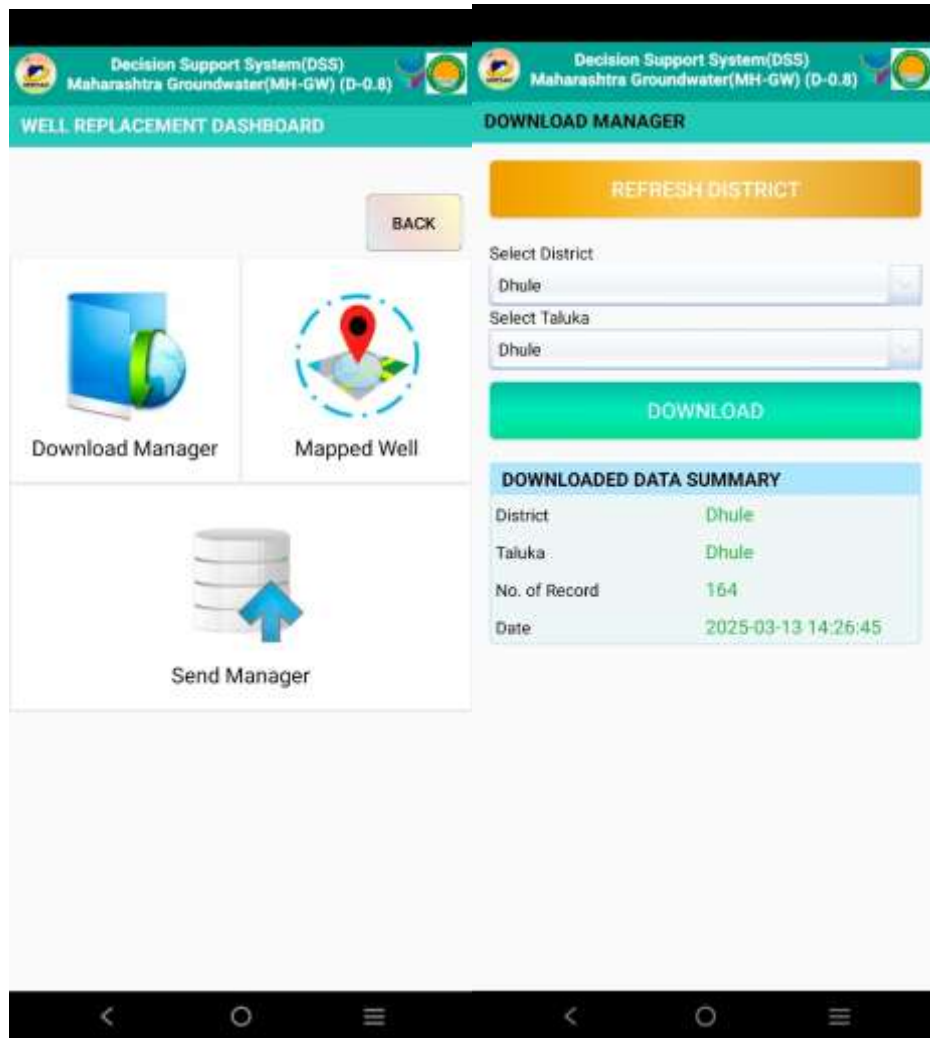
VIEW

SEND

DELETE

Well Replacement Module

- This module is specifically designed for the office user
- In this module User has to select well replacement modules from the Dashboard
- And need to download data first .



- After downloading data user needs to select well id and click on **Update Well info** button.
- User can update/change any information from the given and click on Save
- As user comes into Network they need to upload data.

The screenshot displays the 'Original Well Details' form in the Maharashtra Groundwater (MH-GW) (D-0.8) app. The form is divided into two main sections: 'Original Well Details' and 'Replace Well Details'.

Original Well Details:

District :	Dhule
Taluka :	Dhule
Village :	Ajang
Well Id :	52653101
Parapet Available:	Yes
Parapet Height (m):	1.00
Well Lining (m):	2.60
Well Depth (m):	19.00
Well Diameter (m):	4.50
Sub-Watershed :	TE-56
Morphology Zone :	Bb
Water Level :	
Remark :	
Well Location :	West of Gaothan, Back of Hotel Aamrapali

Replace Well Details:

Well Id for Replace:	52653101
Parapet Available:	Yes
Parapet Height (m):	1.00
Well Lining (m):	2.60
Well Depth (m):	19.00
Well Diameter (m):	4.50
Sub-Watershed :	TE-56
Morphology Zone :	Bb
Water Level :	
Remark :	
Well Location :	West of Gaothan, Back of Hotel Aamrapali

Capture photo:

click on camera icon to take photo

View Photograph

The app interface also includes a map view at the bottom left showing the location of the well in Nagpur, India. The map shows the city of Nagpur and surrounding areas, with a red pin indicating the well location. The map is labeled with 'Nagpur' and 'नागपूर'.



2:27 m

Decision Support System(DSS)
Maharashtra Groundwater(MH-GW) (D-0.8)

Original Well Details

Sub-Watershed :	TE-56
Morphology Zone :	Bb
Water Level :	7.9
Remark :	testing
Well Location :	West of Gaothan, Back of Hotel Aamrapali

Capture photo

click on camera icon to take photo.

View Photograph

NHPDSS : NHPDSS/OBREPLACEMENT
ImageType : NHPDSS/OBREPLACEMENT
Latitude : 21.1222545
Longitude : 79.0527704
Accuracy : 7.520999908447266
Date Time : 2025-03-13 14:27:31
UId : 52653101

SAVE WELL INFO **BACK**

