WRMIS User Manual

ROTATIONAL PROGRAM

**DEVELOPMENT OF WATER RESOURCES
MANAGEMENT INFORMATION SYSTEM (WRMIS)
AND DECISION SUPPORT SYSTEM (DSS)**

NESPAK

Version 1.0

July 07, 2017

Revision History

Version	Date	By	Summary of Changes
1.0	07-July-17	NESPAK	Initial Draft

TABLE OF CONTENTS

Development of Water Resources Management Information System (WRMIS) and
Decision Support System (DSS) for Efficient Irrigation Water Management in Punjab

**User Manual
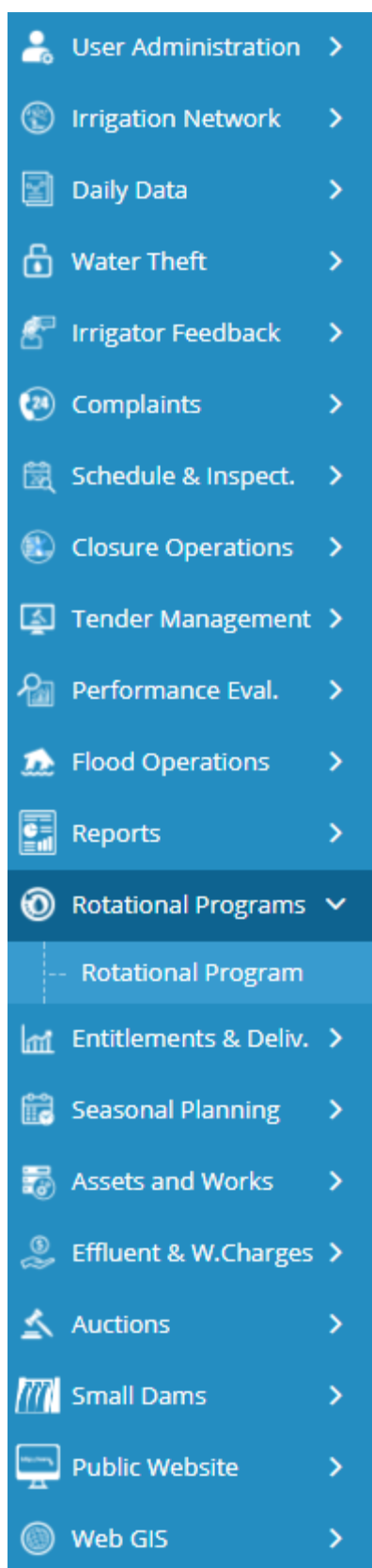Seasonal Planning**

1 Rotational Plan

Activate Users: SE, XEN, SDO and other authorized users.
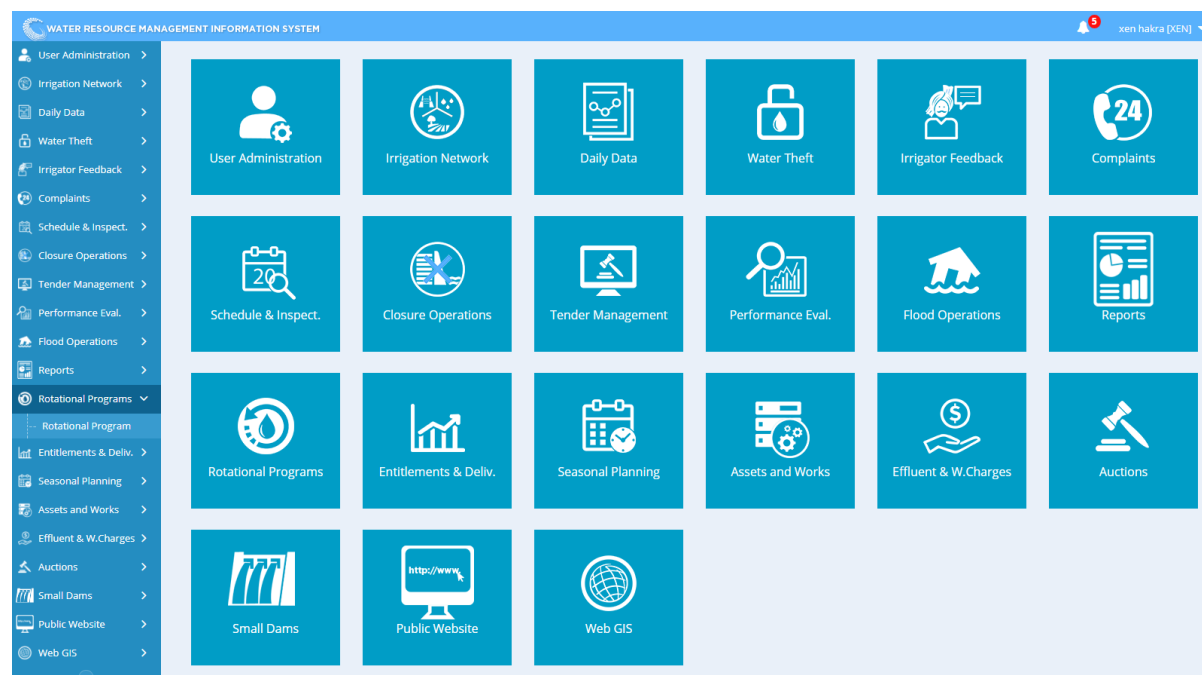
- Click on Rotational Program through Rotational Programs present on left menu of screen
- System redirects user to Rotational Program main screen.

How to Access: Main Menu -> Rotational Programs - > Rotational Program

- User Administration >
- Irrigation Network >
- Daily Data >
- Water Theft >
- Irrigator Feedback >
- Complaints >
- Schedule & Inspect. >
- Closure Operations >
- Tender Management >
- Performance Eval. >
- Flood Operations >
- Reports >
- Rotational Programs ⌄
  - -- Rotational Program
- Entitlements & Deliv. >
- Seasonal Planning >
- Assets and Works >
- Effluent & W.Charges >
- Auctions >
- Small Dams >
- Public Website >
- Web GIS >

Search Rotational Program

Rotational Program

Search Rotational Plan

Circle Name	Bahawalnagar	Division	Hakra	
Sub Division		Year	Select	
Season	Select			

Search **Add New**

Plan Name	Season	Year	Gini	Imp. %	Duration	Status	Action
Rotational Program for Hakra Division (Bahawalnagar) Ver-01	Kharif	2010	93.93	68.11	23Apr2010 to 15Oct2010	Send To SE	
Rotational Program for Bahawalnagar Circle (Bahawalpur) Ver-01	Kharif	2017	-	-	-	Draft	
Rotational Program for Bahawalnagar Circle (Bahawalpur) Ver-02	Kharif	2017	-	-	-	Draft	
Rotational Program for Hakra Division (Bahawalnagar) Ver-03	Kharif	2017	-	-	-	Send To SE	
Rotational Program for Hakra Division (Bahawalnagar) Ver-01	Rabi	2013-14	0.92	76.60	24Oct2013 to 16Nov2013	Send To SE	
Rotational Program for Hakra Division (Bahawalnagar) Ver-02	Kharif	2017	-	-	-	Draft	
Rotational Program for Hakra Division (Bahawalnagar) Ver-01	Rabi	2017-18	-	-	-	Draft	

Circle Name

Circle Name	Bahawalnagar ▼

- Enter the name of circle from Dropdown

Division

Division	Hakra ▼

- Enter the Division from Dropdown

Sub Division

Division	Balloki ▼

- Enter the Sub division from Dropdown

Year

Year	Select ▼

- Enter the Year from Dropdown

Season

Season	Select ▼

- Enter the Season from Dropdown

Search

Search

- Click on search button , System checks all mandatory fields
- System shows relevant details based on selection of year.

Add New

Add New

- Click on Add New button.
- System redirects user to add Rotational Program screen.

Search Result

Plan Name	Season	Year	Gini	Imp. %	Duration	Status	Action
Rotational Program for Hakra Division (Bahawalnagar) Ver-01	Kharif	2010	93.93	68.11	23Apr2010 to 15Oct2010	Send To SE	
Rotational Program for Bahawalnagar Circle (Bahawalpur) Ver-01	Kharif	2017	-	-	-	Draft	
Rotational Program for Bahawalnagar Circle (Bahawalpur) Ver-02	Kharif	2017	-	-	-	Draft	
Rotational Program for Hakra Division (Bahawalnagar) Ver-03	Kharif	2017	-	-	-	Send To SE	
Rotational Program for Hakra Division (Bahawalnagar) Ver-01	Rabi	2013-14	0.92	76.60	24Oct2013 to 16Nov2013	Send To SE	
Rotational Program for Hakra Division (Bahawalnagar) Ver-02	Kharif	2017	-	-	-	Draft	
Rotational Program for Hakra Division (Bahawalnagar) Ver-01	Rabi	2017-18	-	-	-	Draft	

Actions against retrieved data

- Click on 'View' icon to view details of rotational program

- Click on 'Calculate' icon to calculate gini value

- Click on 'Calculate' icon to calculate plan implementation.

- Click on 'Note' icon to input foot note.

- Click on 'export' icon to export rotational plan to excel.

- Click on 'Clone' icon to view clone plan

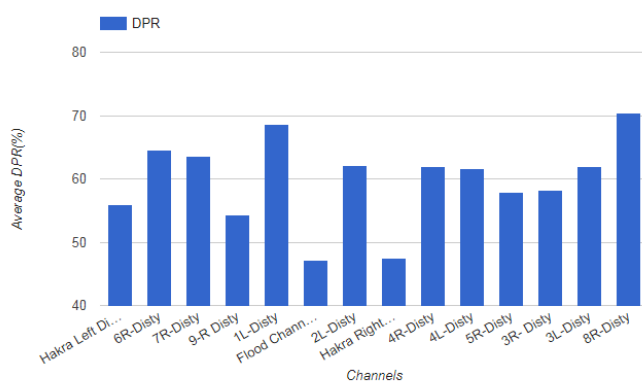- Click on 'Edit' icon to edit details of rotational plan.

- Click on 'Graph' icon to view graph, Difference and Frequency band.

Rotational Program

Rotational Program Graph, Performance Table and DPR Difference

Average DPRs

Performance Frequency Table

Frequency Band	Band Count
> 120	0
110 to 120	0
100 to 109	0
90 to 99	0
80 to 89	0
70 to 79	1
60 to 69	7
50 to 59	4
< 50	2

Difference Between Max DPR and Min DPR = 23.2989755122439

- Click on 'Delete' icon to delete rotational plan

View Rotational program

On click at view icon system redirects user to view rotational program screen.

Rotational Program

View Rotational Plan

Rotational Program for Hakra Division (Bahawalnagar) Ver-01
W.E.F 23-Apr-2010 to 15-Oct-2010

Hakra.gif

Group	Sub Group	Channels	Total
A	A1	4L-Disty(10) , Hakra Left Disty(24) , Flood Channel Disty(80) , Hakra Right Disty(675)	789
	A2	4R-Disty(226)	226
	A3	3L-Disty(10) , 7R-Disty(273)	283
B	B1	3R- Disty(365) , 1L-Disty(84)	449
	B2	6R-Disty(546)	546
	B3	5R-Disty(36) , 2L-Disty(19) , 8R-Disty(23) , 9-R Disty(242)	320

From Date	To Date	Groups		Sub Groups					
		1	2						
23-Apr-2010	30-Apr-2010	A	B	A1	A3	A2	B3	B2	B1
01-May-2010	08-May-2010	B	A	B1	B3	B2	A1	A3	A2
09-May-2010	16-May-2010	A	B	A2	A1	A3	B1	B3	B2
17-May-2010	24-May-2010	B	A	B2	B1	B3	A2	A1	A3
25-May-2010	01-Jun-2010	A	B	A3	A2	A1	B2	B1	B3
02-Jun-2010	09-Jun-2010	B	A	B3	B2	B1	A3	A2	A1
10-Jun-2010	17-Jun-2010	A	B	A1	A3	A2	B3	B2	B1
18-Jun-2010	25-Jun-2010	B	A	B1	B3	B2	A1	A3	A2
26-Jun-2010	03-Jul-2010	A	B	A2	A1	A3	B1	B3	B2
04-Jul-2010	11-Jul-2010	B	A	B2	B1	B3	A2	A1	A3
12-Jul-2010	19-Jul-2010	A	B	A3	A2	A1	B2	B1	B3
20-Jul-2010	27-Jul-2010	B	A	B3	B2	B1	A3	A2	A1
28-Jul-2010	04-Aug-2010	A	B	A1	A3	A2	B3	B2	B1
05-Aug-2010	12-Aug-2010	B	A	B1	B3	B2	A1	A3	A2
13-Aug-2010	20-Aug-2010	A	B	A2	A1	A3	B1	B3	B2
21-Aug-2010	28-Aug-2010	B	A	B2	B1	B3	A2	A1	A3
29-Aug-2010	05-Sep-2010	A	B	A3	A2	A1	B2	B1	B3
06-Sep-2010	13-Sep-2010	B	A	B3	B2	B1	A3	A2	A1
14-Sep-2010	21-Sep-2010	A	B	A1	A3	A2	B3	B2	B1
22-Sep-2010	29-Sep-2010	B	A	B1	B3	B2	A1	A3	A2
30-Sep-2010	07-Oct-2010	A	B	A2	A1	A3	B1	B3	B2
08-Oct-2010	15-Oct-2010	B	A	B2	B1	B3	A2	A1	A3

Print   Back   Comments History

Print
On click at print button, system prints rotational plan.

Print

Back
On click at Back button, system redirects user to search screen

Back

Common History
On click at common history button, system shows history of rotational plan.

Comments History

Add Rotational program

- After clicking on "Add New" button at search screen, System redirects the user to Add rotational program screen

Circle(Login through SE)

Rotational Program

Add Rotational Program

⦿ Circle ○ Division ○ Sub Division

Plan Name	Rotational Program for LBDC Circle (LBDC IP)	Circle	LBDC
Season	Select	Year	2017
Plan Start Date	📅 07-Jul-2017 ✖	No. of Groups	Select
Attachments	Choose File No file chosen		

Save

Division (login through XEN)

Add Rotational Program

○ Circle ⦿ Division ○ Sub Division

Plan Name	Rotational Program for Hakra Division (Bahawalnagar)	Circle	Bahawalnagar
Division	Hakra	Sub division	
Season	Select	Year	2017
Plan Start Date	📅 07-Jul-2017 ✖	No. of Groups	Select
Attachments	Choose File No file chosen	Priority (RL/LR)	☐

Save

Sub Division(login through Sdo)

Rotational Program

Add Rotational Program

○ Circle ○ Division ⦿ Sub Division

Plan Name	Rotational Program for Aktharabad SubDivision (Balloki)	Circle	LBDC
Division	Balloki	Sub division	Aktharabad
Season	Select	Year	2017
Plan Start Date	📅 07-Jul-2017 ✖	No. of Groups	Select
Attachments	Choose File No file chosen	Priority (RL/LR)	☐

Save

Plan Name

By default system will suggest plan name but user can change it according to requirement.

Circle

Enter circle through dropdown

Circle Name	Bahawalnagar ▼

Division
Enter division through dropdown (in case of login by XEN/SDO)

Division	Hakra	▼

Sub Division

Enter Sub division through dropdown (in case of login by XEN)

Division	Balloki	▼

Season

Enter Season through dropdown

Season	Select	▼

Year
Enter year through dropdown

Year	Select	▼

Plan Start Date

Enter date through date calendar

Plan Start Date	📅	13-Jul-2017	✖

No of Groups

No. of Groups	Select	▼

Enter groups through dropdown

Attachments

Enter attachments through button

Attachments	Choose File	No file chosen

Priority
Select priority through check box.

Priority (RL/LR)	☐

Save
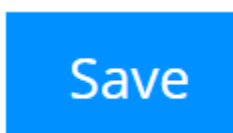
Save

- Click on save button.
- System saves details in database and redirects user to next screen.

On click at save button

Rotational Program

Add Rotational Program Detail

Rotational Program	**Division**	**Season**
Rotational Program for Hakra Division (Bahawalnagar) Ver-01	Hakra	Rabi
Start Date	**Year**	**No. of Groups**
06-Jul-2017	2017-18	2
Closure Start Date	**Closure End Date**	**View/Add Attachment**
06-Jul-2017	07-Jul-2017	Choose File No file chosen

Entering Channels

☑ Hakra Branch

A	455.5	**B**	254
☑ **A1**	83.5	☑ **B1**	6
Hakra Branch		**Hakra Branch**	
☐ Bakhu Shah Disty	6.0	☑ Bakhu Shah Disty	6
☐ 1R-Disty	19.0	☐ 1R-Disty	19.0
☐ 2R-Disty	22.0	☐ 2R-Disty	22.0
☐ 3R- Disty	353.0	☐ 3R- Disty	353.0
☐ 4R-Disty	226.0	☐ 4R-Disty	226.0
☑ 1L-Disty	83.5	☐ 1L-Disty	83.5
☐ 5R-Disty	36.5	☐ 5R-Disty	36.5
☐ 6R-Disty	546.0	☐ 6R-Disty	546.0
☐ 2L-Disty	19.1	☐ 2L-Disty	19.1
☐ 3L-Disty	9.7	☐ 3L-Disty	9.7
☐ 7R-Disty	273.0	☐ 7R-Disty	273.0
☐ 4L-Disty	9.0	☐ 4L-Disty	9.0
☐ 8R-Disty	31.0	☐ 8R-Disty	31.0
☐ 9-R Disty	240.0	☐ 9-R Disty	240.0
☐ Hakra Left Disty	23.1	☐ Hakra Left Disty	23.1
☐ Flood Channel Disty	93.0	☐ Flood Channel Disty	93.0
☐ Hakra Right Disty	510.0	☐ Hakra Right Disty	510.0
☑ **A2**	19	☑ **B2**	22
Hakra Branch		**Hakra Branch**	
☐ Bakhu Shah Disty	6.0	☐ Bakhu Shah Disty	6.0
☑ 1R-Disty	19	☐ 1R-Disty	19.0
☐ 2R-Disty	22.0	☑ 2R-Disty	22
☐ 3R- Disty	353.0	☐ 3R- Disty	353.0
☐ 4R-Disty	226.0	☐ 4R-Disty	226.0
☐ 1L-Disty	83.5	☐ 1L-Disty	83.5
☐ 5R-Disty	36.5	☐ 5R-Disty	36.5
☐ 6R-Disty	546.0	☐ 6R-Disty	546.0
☐ 2L-Disty	19.1	☐ 2L-Disty	19.1
☐ 3L-Disty	9.7	☐ 3L-Disty	9.7
☐ 7R-Disty	273.0	☐ 7R-Disty	273.0
☐ 4L-Disty	9.0	☐ 4L-Disty	9.0
☐ 8R-Disty	31.0	☐ 8R-Disty	31.0
☐ 9-R Disty	240.0	☐ 9-R Disty	240.0
☐ Hakra Left Disty	23.1	☐ Hakra Left Disty	23.1
☐ Flood Channel Disty	93.0	☐ Flood Channel Disty	93.0
☐ Hakra Right Disty	510.0	☐ Hakra Right Disty	510.0
☑ **A3**	353	☑ **B3**	226
Hakra Branch		**Hakra Branch**	
☐ Bakhu Shah Disty	6.0	☐ Bakhu Shah Disty	6.0
☐ 1R-Disty	19.0	☐ 1R-Disty	19.0
☐ 2R-Disty	22.0	☐ 2R-Disty	22.0
☑ 3R- Disty	353	☐ 3R- Disty	353.0
☐ 4R-Disty	226.0	☑ 4R-Disty	226
☐ 1L-Disty	83.5	☐ 1L-Disty	83.5
☐ 5R-Disty	36.5	☐ 5R-Disty	36.5
☐ 6R-Disty	546.0	☐ 6R-Disty	546.0
☐ 2L-Disty	19.1	☐ 2L-Disty	19.1
☐ 3L-Disty	9.7	☐ 3L-Disty	9.7
☐ 7R-Disty	273.0	☐ 7R-Disty	273.0
☐ 4L-Disty	9.0	☐ 4L-Disty	9.0
☐ 8R-Disty	31.0	☐ 8R-Disty	31.0
☐ 9-R Disty	240.0	☐ 9-R Disty	240.0
☐ Hakra Left Disty	23.1	☐ Hakra Left Disty	23.1
☐ Flood Channel Disty	93.0	☐ Flood Channel Disty	93.0
☐ Hakra Right Disty	510.0	☐ Hakra Right Disty	510.0

Save

From Date	To Date	Group1	SG1	SG2	SG3	Group2	SG1	SG2	SG3	+
No record found										

Send To SE

Entering Channels

Select parent channel through check box.
Child channels populates according to selection.

Entering Channels

☑ **Hakra Branch**

Save

Click at save button, data will save in database.

Save

Actions

- Click on [+] button to add details

| Enter Unit | Enter Description | ☑ | 💾 ❌ |

  - o Enter From/To date from date calendar
  - o Enter Group from dropdown
  - o Enter subgroup from dropdown
  - o Click on Save 💾 button , system checks for the mandatory field & if any field is missing system display a message
  - o Click on Cancel button ❌ to cancel the open grid.

Send to SE

Click at Send to SE button, plan is send to SE.

Send To SE

Edit Rotational Program
- After clicking on Edit icon, System redirects the user to Edit Rotational Program screen.

WATER RESOURCE MANAGEMENT INFORMATION SYSTEM

xen hakra [XEN]

Rotational Program

Add Rotational Program Detail

Rotational Program Rotational Program for Hakra Division (Bahawalnagar) Ver-01	**Division** Hakra	**Season** Rabi
Start Date 06-Jul-2017	**Year** 2017-18	**No. of Groups** 2
Closure Start Date 06-Jul-2017	**Closure End Date** 07-Jul-2017	**View/Add Attachment** Choose File No file chosen

Entering Channels

☑ Hakra Branch

A	455.5	B	254
☑ **A1**	83.5	☑ **B1**	6
Hakra Branch		**Hakra Branch**	
☐ Bakhu Shah Disty	6.0	☑ Bakhu Shah Disty	6
☐ 1R-Disty	19.0	☐ 1R-Disty	19.0
☐ 2R-Disty	22.0	☐ 2R-Disty	22.0
☐ 3R- Disty	353.0	☐ 3R- Disty	353.0
☐ 4R-Disty	226.0	☐ 4R-Disty	226.0
☑ 1L-Disty	83.5	☐ 1L-Disty	83.5
☐ 5R-Disty	36.5	☐ 5R-Disty	36.5
☐ 6R-Disty	546.0	☐ 6R-Disty	546.0
☐ 2L-Disty	19.1	☐ 2L-Disty	19.1
☐ 3L-Disty	9.7	☐ 3L-Disty	9.7
☐ 7R-Disty	273.0	☐ 7R-Disty	273.0
☐ 4L-Disty	9.0	☐ 4L-Disty	9.0
☐ 8R-Disty	31.0	☐ 8R-Disty	31.0
☐ 9-R Disty	240.0	☐ 9-R Disty	240.0
☐ Hakra Left Disty	23.1	☐ Hakra Left Disty	23.1
☐ Flood Channel Disty	93.0	☐ Flood Channel Disty	93.0
☐ Hakra Right Disty	510.0	☐ Hakra Right Disty	510.0
☑ **A2**	19	☑ **B2**	22
Hakra Branch		**Hakra Branch**	
☐ Bakhu Shah Disty	6.0	☐ Bakhu Shah Disty	6.0
☑ 1R-Disty	19	☐ 1R-Disty	19.0
☐ 2R-Disty	22.0	☑ 2R-Disty	22
☐ 3R- Disty	353.0	☐ 3R- Disty	353.0
☐ 4R-Disty	226.0	☐ 4R-Disty	226.0
☐ 1L-Disty	83.5	☐ 1L-Disty	83.5
☐ 5R-Disty	36.5	☐ 5R-Disty	36.5
☐ 6R-Disty	546.0	☐ 6R-Disty	546.0
☐ 2L-Disty	19.1	☐ 2L-Disty	19.1
☐ 3L-Disty	9.7	☐ 3L-Disty	9.7
☐ 7R-Disty	273.0	☐ 7R-Disty	273.0
☐ 4L-Disty	9.0	☐ 4L-Disty	9.0
☐ 8R-Disty	31.0	☐ 8R-Disty	31.0
☐ 9-R Disty	240.0	☐ 9-R Disty	240.0
☐ Hakra Left Disty	23.1	☐ Hakra Left Disty	23.1
☐ Flood Channel Disty	93.0	☐ Flood Channel Disty	93.0
☐ Hakra Right Disty	510.0	☐ Hakra Right Disty	510.0
☑ **A3**	353	☑ **B3**	226
Hakra Branch		**Hakra Branch**	
☐ Bakhu Shah Disty	6.0	☐ Bakhu Shah Disty	6.0
☐ 1R-Disty	19.0	☐ 1R-Disty	19.0
☐ 2R-Disty	22.0	☐ 2R-Disty	22.0
☑ 3R- Disty	353	☐ 3R- Disty	353.0
☐ 4R-Disty	226.0	☑ 4R-Disty	226
☐ 1L-Disty	83.5	☐ 1L-Disty	83.5
☐ 5R-Disty	36.5	☐ 5R-Disty	36.5
☐ 6R-Disty	546.0	☐ 6R-Disty	546.0
☐ 2L-Disty	19.1	☐ 2L-Disty	19.1
☐ 3L-Disty	9.7	☐ 3L-Disty	9.7
☐ 7R-Disty	273.0	☐ 7R-Disty	273.0
☐ 4L-Disty	9.0	☐ 4L-Disty	9.0
☐ 8R-Disty	31.0	☐ 8R-Disty	31.0
☐ 9-R Disty	240.0	☐ 9-R Disty	240.0
☐ Hakra Left Disty	23.1	☐ Hakra Left Disty	23.1
☐ Flood Channel Disty	93.0	☐ Flood Channel Disty	93.0
☐ Hakra Right Disty	510.0	☐ Hakra Right Disty	510.0

Save

From Date	To Date	Group1	SG1	SG2	SG3	Group2	SG1	SG2	SG3	+
No record found										

Send To SE

Entering Channels

Edit parent channel through check box.
Child channels populates according to selection.
Save

Click at save button, data will save in database.

Save

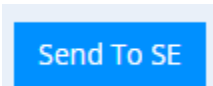## *Actions*

- Click on button to add details

Enter Unit	Enter Description	☑	🖫 ❌

- o Enter From/To date from date calendar
- o Enter Group from dropdown
- o Enter subgroup from dropdown

- o Click on Save 🖫 button , system checks for the mandatory field & if any field is missing system display a message

- o Click on Cancel button ❌ to cancel the open grid.

Send to SE

Send To SE

Click at Send to SE button, plan is send to SE.

Approve Rotational Program

SE will approve or send back rotational program. For approval or send back comments are mandatory. SE cannot edit rotational plan of division or subdivision.

Rotational Program for Hakra Division (Bahawalnagar) Ver-01
W.E.F 23-Apr-2010 to 15-Oct-2010

Hakra.gif

Group	Sub Group	Channels	Total
	A1	4L Disty(10) , Hakra Left Disty(24) , Flood Channel Disty(80) , Hakra Right Disty(675)	789
A	A2	4R Disty(226)	226
	A3	3L Disty(10) , 7R Disty(273)	283
	B1	3R Disty(365) , 1L Disty(84)	449
B	B2	6R Disty(546)	546
	B3	5R Disty(36) , 2L Disty(19) , 8R Disty(23) , 9-R Disty(242)	320

| From Date | To Date | Groups | | Sub Groups | | | | | |
		1	2						
23-Apr-2010	30-Apr-2010	A	B	A1	A3	A2	B3	B2	B1
01-May-2010	08-May-2010	B	A	B1	B3	B2	A1	A3	A2
09-May-2010	16-May-2010	A	B	A2	A1	A3	B1	B3	B2
17-May-2010	24-May-2010	B	A	B2	B1	B3	A2	A1	A3
25-May-2010	01-Jun-2010	A	B	A3	A2	A1	B2	B1	B3
02-Jun-2010	09-Jun-2010	B	A	B3	B2	B1	A3	A2	A1
10-Jun-2010	17-Jun-2010	A	B	A1	A3	A2	B3	B2	B1
18-Jun-2010	25-Jun-2010	B	A	B1	B3	B2	A1	A3	A2
26-Jun-2010	03-Jul-2010	A	B	A2	A1	A3	B1	B3	B2
04-Jul-2010	11-Jul-2010	B	A	B2	B1	B3	A2	A1	A3
12-Jul-2010	19-Jul-2010	A	B	A3	A2	A1	B2	B1	B3
20-Jul-2010	27-Jul-2010	B	A	B3	B2	B1	A3	A2	A1
28-Jul-2010	04-Aug-2010	A	B	A1	A3	A2	B3	B2	B1
05-Aug-2010	12-Aug-2010	B	A	B1	B3	B2	A1	A3	A2
13-Aug-2010	20-Aug-2010	A	B	A2	A1	A3	B1	B3	B2
21-Aug-2010	28-Aug-2010	B	A	B2	B1	B3	A2	A1	A3
29-Aug-2010	05-Sep-2010	A	B	A3	A2	A1	B2	B1	B3
06-Sep-2010	13-Sep-2010	B	A	B3	B2	B1	A3	A2	A1
14-Sep-2010	21-Sep-2010	A	B	A1	A3	A2	B3	B2	B1
22-Sep-2010	29-Sep-2010	B	A	B1	B3	B2	A1	A3	A2
30-Sep-2010	07-Oct-2010	A	B	A2	A1	A3	B1	B3	B2
08-Oct-2010	15-Oct-2010	B	A	B2	B1	B3	A2	A1	A3

Approve | Send back | Print | Back | Comments History

When XEN or SDO will make rotational plan than its status in search screen will be draft. After clicking on "Send to SE" button, the status of plan will be changed to send to SE in search screen.

SE can approve or send back rotational plan. When SE will click approve button than its status in search screen will be changed to "Approved". In case if SE will click "Send Back" button than its status will be changed to draft.

Print Rotational Program

User will click on View icon and rotational plan will be viewed. User will click print button and following screen will appear.
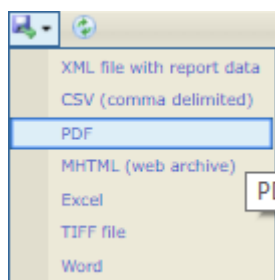

User will click save icon and save plan in pdf.

XML file with report data
CSV (comma delimited)
PDF
MHTML (web archive)
Excel
TIFF file
Word

User can print pdf.

Programme Monitoring & Implementation Unit (PMIU)
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Rotational Program for Hakra Division (Bahawalnagar) Ver-01

W.E.F 23-Apr-2010 To 15-Oct-2010

All discharges are in Cusec.

Group	Sub Group	Channels	Discharge
A	A1	4L-Disty(10), Hakra Left Disty(24), Flood Channel Disty(80), Hakra Right Disty(675)	789
	A2	4R-Disty(226)	226
	A3	3L-Disty(10), 7R-Disty(273)	283
	Total		1298
B	B1	3R- Disty(365), 1L-Disty(84)	449
	B2	6R-Disty(546)	546
	B3	5R-Disty(36), 2L-Disty(19), 8R-Disty(23), 9-R Disty(242)	320
	Total		1315

From Date	To Date	Groups 1	Groups 2	Sub Groups					
23-Apr-2010	30-Apr-2010	A	B	A1	A3	A2	B3	B2	B1
01-May-2010	08-May-2010	B	A	B1	B3	B2	A1	A3	A2
09-May-2010	16-May-2010	A	B	A2	A1	A3	B1	B3	B2
17-May-2010	24-May-2010	B	A	B2	B1	B3	A2	A1	A3
25-May-2010	01-Jun-2010	A	B	A3	A2	A1	B2	B1	B3
02-Jun-2010	09-Jun-2010	B	A	B3	B2	B1	A3	A2	A1
10-Jun-2010	17-Jun-2010	A	B	A1	A3	A2	B3	B2	B1
18-Jun-2010	25-Jun-2010	B	A	B1	B3	B2	A1	A3	A2
26-Jun-2010	03-Jul-2010	A	B	A2	A1	A3	B1	B3	B2
04-Jul-2010	11-Jul-2010	B	A	B2	B1	B3	A2	A1	A3
12-Jul-2010	19-Jul-2010	A	B	A3	A2	A1	B2	B1	B3
20-Jul-2010	27-Jul-2010	B	A	B3	B2	B1	A3	A2	A1
28-Jul-2010	04-Aug-2010	A	B	A1	A3	A2	B3	B2	B1
05-Aug-2010	12-Aug-2010	B	A	B1	B3	B2	A1	A3	A2
13-Aug-2010	20-Aug-2010	A	B	A2	A1	A3	B1	B3	B2
21-Aug-2010	28-Aug-2010	B	A	B2	B1	B3	A2	A1	A3
29-Aug-2010	05-Sep-2010	A	B	A3	A2	A1	B2	B1	B3
06-Sep-2010	13-Sep-2010	B	A	B3	B2	B1	A3	A2	A1
14-Sep-2010	21-Sep-2010	A	B	A1	A3	A2	B3	B2	B1
22-Sep-2010	29-Sep-2010	B	A	B1	B3	B2	A1	A3	A2
30-Sep-2010	07-Oct-2010	A	B	A2	A1	A3	B1	B3	B2
08-Oct-2010	15-Oct-2010	B	A	B2	B1	B3	A2	A1	A3

Superintending Engineer
Bahawalnagar Circle

Executive Engineer
Hakra Division

Report By: se bwn [SE]

Report Time: 07-Jul-2017 05:44 PM

NESPAK | WRMIS - System Generated Report

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