



WRMIS User Manual

FLOOD OPERATIONS

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

NESPAK

Version 1.0

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Revision History

Version	Date	By	Summary of Changes
1.0	10-04-2017	NESPAK	Initial Draft



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1. FLOOD OPERATIONS

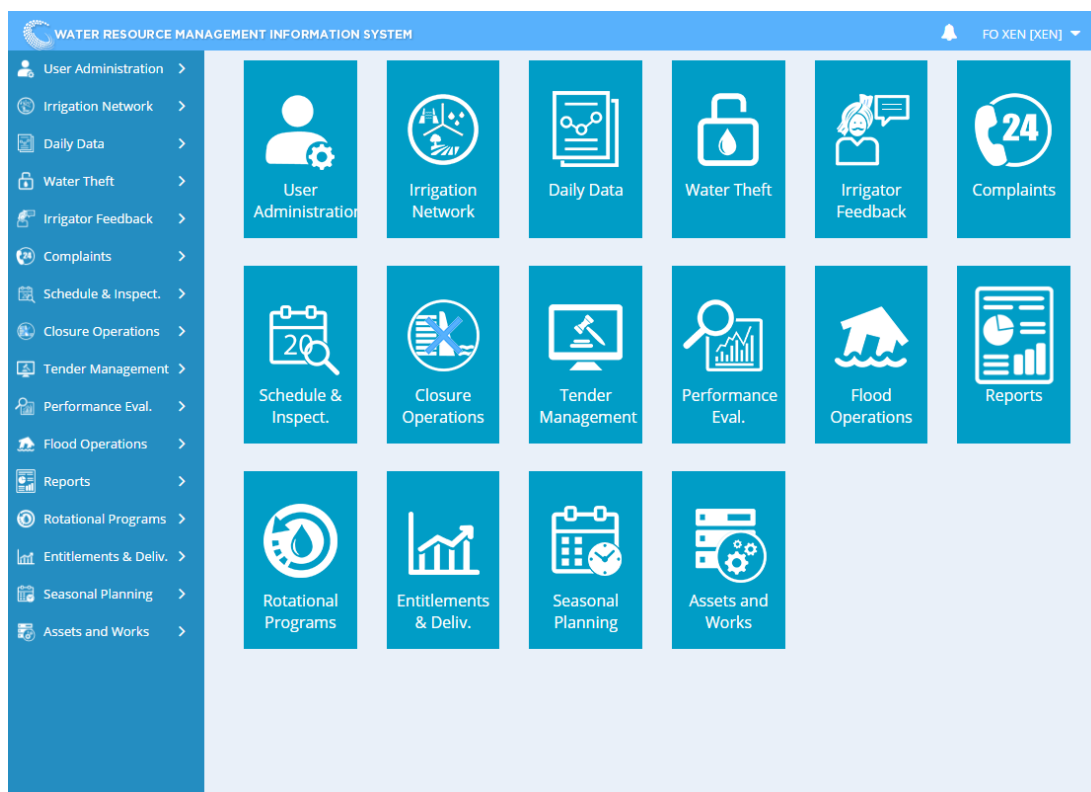
This module consists of work flow of Irrigation department to deal the flood strategically and measure the damages and works done on flood affected areas. It contains two major part, Web Application and Mobile (Android) Application. Main working module of Flood operations are, Flood Fighting Plan, Stone Deployment, Division Store, Flood Inspections, Onsite Monitoring, Flood Fighting and Division Summary. Flood Fighting Plan is the strategy and requirements submitted by division to counter the flood on yearly basis. Stone Deployment maintains the record of Deployment of purchased stones on Specified Locations as per Flood Fighting Plan along with Attachments and Vehicle detail. Division Store is the Inventory system to maintain Division owned Items and machines. Flood Inspections deals with the Inspections of all Infrastructures within Division premises before and after the flood season. Onsite Monitoring provides interface to Monitoring Staff to inspect the arrangements done by division to counter the flood during Flood season. Flood Fighting enables XEN to systemize the record of purchases done during flood seasons on emergency basis. Division Summary is the status of Items both Infrastructures based as well as associated with Division store.

User click on 'Flood Operations' icon from main screen after login as XEN

Business User: XEN

Any other user can view "FFP" based on assigned rights from Roles and Rights (User Administration)

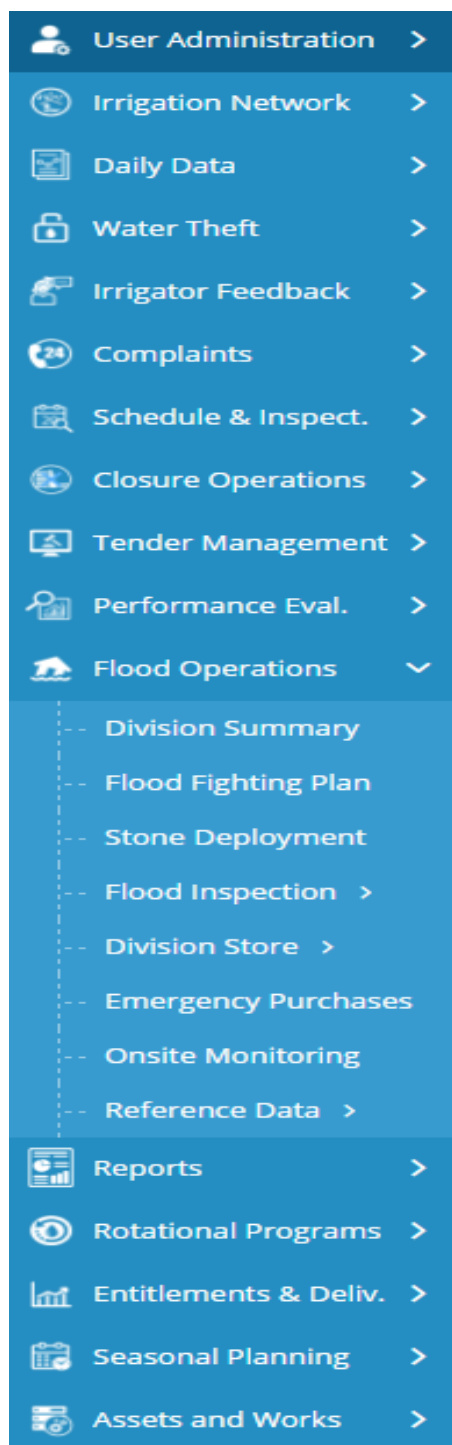
Pre-Requisite: It would be on its full working scenario when the system is provided with Post-Flood Data.



Flood Fighting Plan

This module provides user to Add, Edit, View, Delete and Publish Flood Fighting Plan. Flood fighting plan is the document pertaining strategy for upcoming flood season for the current season. XEN is the authorized user of FFP and seniors get the notification when the FFP gets Published from XEN's account.

How to Access: Main Menu -> Flood Operations- > Flood Fighting Plan



Flood Operations

Flood Fighting Plan

1 Zone Sargodha

2 Circle Thal

3 Division Mianwali

4 Year 2017

5 Status All

6 Search

7 Add New

Year	Zone	Circle	Division	Status	Action
2017	Sargodha	Thal	Mianwali	Draft	<div>8</div> <div>9</div> <div>10</div> <div>11</div> <div>12</div> <div>13</div> <div>14</div> <div>15</div> <div>16</div>

Search Flood Fighting Plan

1

Zone

Select

- Select Zone from the 'Zone dropdown.
- On selection of Zone, system enables Circle dropdown and populates all reaches based on selected Zone.
- Authorize User can select desired Zone.

2

Circle

Select

- Select Circle from the 'Circle dropdown.
- On selection of Circle, system enables Division dropdown and populates all

reaches based on selected Circle.

- Authorize User can select desired Circle

3

Division

- User can select desired Division w.r.t the selected Circle.

4

Year

- Select Year from the 'Year dropdown.

5

Status

- 'Status' dropdown is available only for the XEN of that specific Division.
- XEN can search 'Draft' as well as 'Published' FFP.

6

Search

Search

- Click on the <Search> button.
- System displays all the records as per the search criteria given by the user.
- If there is no record against the entered search criteria, system shows the message '**No record found**'

7

Add New

Add New

- Click on the <Add new> button.
- System navigates to Add new FFP basic information Screen.
- Only XEN can add FFP
- System checks the unique entry on selected year basis.
- System does not allow to add new FFP for the year and division which already have FFP for selected Year

8

Last Year Restoration Works



For Searched Record:

- Click on the <Last year Restoration Works> Icon.
- System navigates user to new screen pertaining list of works done or ongoing for the previous year.
- List of Works appeared from <Asset and Works > Module

9

Stone Position



For Searched Record:

- Click on the <Stone Position> Icon.
- System navigates user to new screen pertaining list of Stone Stocks recorded during Post-Flood Inspection and also provide interface to add new stock requirement along with the R.D.

10

Camp Site



For Searched Record:

- Click on the <Camp Site> Icon.
- System navigates user to new screen having interface to add camp site to be utilize in Flood Season on desire location (infrastructure and RD.)
- It also consists of records of Items demanded for the camp site.

11

Overall Division Items



For Searched Record:

- Click on the <Overall Division Items> Icon.
- System navigates user to new screen having interface to add additional demand of Items and Assets (as per Item category selection) required overall for the division to deal with the Flood season of current year.

- System accumulates all the Items (Quantity) demanded in Campsite, Post-Flood Inspection and on same screen as additional quantity required and displayed in a separate column.

12

Arrangements



For Searched Record:

- Click on the <Arrangements> Icon.
- System navigates user to new screen having interface to add additional demand of Items and Assets (as per Item category selection) required overall for the division to deal with the Flood season of current year.
- System accumulates all the Items (Quantity) demanded in Campsite, Post-Flood Inspection and on same screen as additional quantity required and displayed in a separate column.

13

Preview



For Searched Record:

- Click on the <Preview> Icon.
- System generates PDF of FFP.

14

Publish



For Searched Record:

- Click on the <Preview> Icon.
- System generates PDF of FFP.

Flood Inspection

System shows the flood inspection which further categorized into three types such as:

Independent, Departmental and Joint Inspection, each category can be of either type: Post-Flood or Pre-Flood depending upon the time line. Main actor of this module is the respective XEN is responsible for the inspections and other users such as SE, Chief, Secretary, CE (D&F Zone) etc. receive notification on every publication of XEN.

How to Access: Left Menu -> Flood Operation -> Flood Inspection

Independent Inspections - Protection Infrastructure

System shows the details of independent Inspection on Main screen of Independent Inspection. XEN can add, edit, publish or delete the independent Inspection from the screen.

Flood Operations

Independent Flood Inspections

1 Zone	Sargodha	2 Circle	Thal
3 Division	Mianwali	4 Type	All
5 Infrastructure Type	All	6 Infrastructure Name	All
7 Date From		8 Date To	
9 Status	All		

Search Add New 11

Independent Inspection:

1

Zone

Select

- Select zone from the 'Zone' dropdown.
- On selection of zone, relevant circles are populated in the circle dropdown.

2

Circle

Select

- Select circle from the 'Circle' dropdown.
- On selection of circle, relevant divisions are populated in the division dropdown.

3

Division

Select

- User selects a division into 'Division' dropdown.

- All the sub divisions associated with the above Division populated into 'Sub Division' dropdown.

4

Type

- Click on 'Type' dropdown.
- Select the type.

5

Infrastructure Type

- On Click on 'Infrastructure Type' dropdown.
- Select the Infrastructure type.

6

Infrastructure Name

- On Click on 'Infrastructure Name' dropdown.
- Select the Infrastructure Name.

7

From Date

- Click on 'From Date' dropdown.
- Select a date from appeared calendar
- From date should be less than or equal to 'To Date'.

8

To Date

- Click on 'To Date' dropdown.
- Select a date from appeared calendar
- From date should be less than or equal to Current Date.

9

Status

- Click on 'Status' dropdown.
- Select a status.
- This Dropdown available for XEN of relevant division only.

10

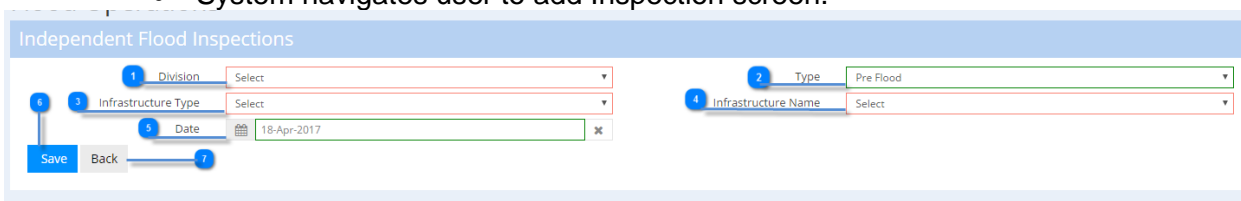
Search

- Click on 'Search' button.
- System displayed information according to selected search criteria fields.

11

Add New

- Click on 'Add New' button.
- System navigates user to add Inspection screen.



Add Flood Inspection:

1

Division

- User selects a division into 'Division' dropdown.
- All the sub divisions associated with the above Division populated into 'Sub Division' dropdown.

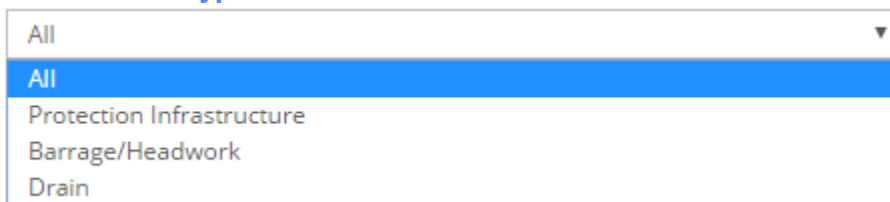
2

Type

- 'Type' dropdown selection is dependent on current date.
- It auto selects based on date.

3

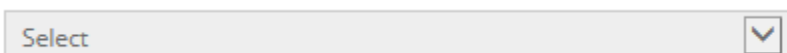
Infrastructure Type



- On Click on 'Infrastructure Type' dropdown.
- Select the Infrastructure type.
- On basis of 'Infrastructure Type' the parameters of Inspections gets vary.

4

Infrastructure Name



- On Click on 'Infrastructure Name' dropdown.
- Select the Infrastructure Name.

5

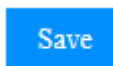
Date



- Click on 'To Date' dropdown.

6

Save



- Click on <Save> button, system verify all the required fields.
- System saves the data into the database & displays a message "Records saved successfully".
- System display error message if any of the required fields has not been entered.
- System displays newly added record into the Table.










7

Back

Back

- Click on <Back> button discard all unsaved changes

3.3.1.1. Pre-Flood Inspections

Inspection Date	Inspection Type	Infrastructure Type	Infrastructure Name	Status	Action
27-Feb-2017	Pre Flood	Protection Infrastructure	Mianwali Bund	Published	        

1

General Condition



- On click on 'General Condition' icon system navigates user to new screen.
- Parameters for General conditions of 'Protection infrastructure' shown.
- User enter/select the input parameters and click on 'Save' button to save in db.
- User can navigate back or cancel by click on back button.

2

R.D Wise condition



- On click on 'R.D wise Condition' icon system navigate user to new screen.
- System shows different tables consisting the ability to save the R.D wise conditions of protection infrastructure.
- To add/enter any R.D wise condition, user have to click on 'add' icon (present on each table within 'R.D wise Condition' Screen) to add new record of specific R.D wise condition.
- User can navigate back or cancel by click on back button.

3

M.B Status



- 'M.B Status' is measuring book status.
- At click on 'M.B Status' system navigate user to new screen.
- User select the Item category from 'Category' dropdown to select the specific category of items.

- User input the quantity of item available on site.
- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

4

Problems



- Click on 'Problems' icon.
- System navigate to new screen.
- User enter the entry of problems against the 'nature of problem' dropdown
- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

5

Breaching Section



- Click on 'Breaching Section' icon.
- System navigate to new screen.
- User enter the entry of condition of already entered breaching sections'.
- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

6

Publish



- On Click on 'Publish' Icon.
- System displays confirmation message
- On confirmation system publish the Flood Inspection.

7

Print



- Click on 'Print' icon.
- System show new screen.
- Printable form of Flood Inspection appeared.
- User can save or print the Flood Inspection.

8

Edit



- Click on 'Edit' icon.
- System navigates user to new screen pertaining basic information.
- At click on 'Save' button system update the record in DB.
- User can navigate back or cancel by click on back button


9

Delete



- Click on 'Delete' icon.
- System displays Confirmation message.
- System check for validation
- At confirmation system deletes the record from DB

3.3.1.2. Post-Flood Inspections

Inspection Date	Inspection Type	Infrastructure Type	Infrastructure Name	Status	Action
27-Feb-2017	Pre Flood	Protection Infrastructure	Mianwali Bund	Published	



1

General Condition



- On click on 'General Condition' icon system navigate user to new screen.
- Parameters for General conditions of 'Protection infrastructure' displayed.
- User enter/select the input parameters and click on 'Save' button to save in db.

- User can navigate back or cancel by click on back button.

2

R.D Wise condition



- On click on 'R.D wise Condition' icon system navigate user to new screen.
- System shows different tables consisting the ability to save the R.D wise conditions of protection infrastructure.
- To add/enter any R.D wise condition, user have to click on 'add' icon (present on each table within 'R.D wise Condition' Screen) to add new record of specific R.D wise condition.
- User can navigate back or cancel by click on back button.

3

M.B Status



- 'M.B Status' is measuring book status.
- At click on 'M.B Status' system navigate user to new screen.
- User select the Item category from 'Category' dropdown to select the specific category of items.
- User input the quantity of item available on site along with the 'Quantity required' field.
- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

4

Problems



- Click on 'Problems' icon.
- System navigates to new screen.
- User enter the entry of problems against the 'nature of problem' dropdown
- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

5

Breaching Section



- Click on 'Breaching Section' icon.

- System navigates to new screen.
- User enter the entry of condition of already entered breaching sections'.
- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

6

Stone Position



- On Click on 'Stone Position' Icon.
- System navigates user to Stone Position screen.
- User enter the records of stone against the location (R.D).
- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

7

Print



- Click on 'Print' icon.
- System show new screen.
- Printable form of Flood Inspection be shown.
- User can save or print the Flood Inspection.

8

Edit



- Click on 'Edit' icon.
- System navigates user to new screen pertaining basic information.
- At click on 'Save' button system update the record in DB.
- User can navigate back or cancel by click on back button

9

Delete




- Click on 'Delete' icon.
- System display Confirmation message.

- System check for validation
- At confirmation system delete the record from DB

Independent Inspections - Headwork/Barrage

Pre-Flood Inspections

Inspection Date	Inspection Type	Infrastructure Type	Infrastructure Name	Status	Action
31-Mar-2017	Pre Flood	Barrage/Headwork	Chashma barrage demo	Published	

1

General Condition



- On click on 'General Condition' icon system navigate user to new screen.
- Parameters for General conditions of 'Headwork/Barrage' be shown.
- User enter/select the input parameters and click on 'Save' button to save in db.
- User can navigate back or cancel by click on back button.

2

M.B Status



- 'M.B Status' is measuring book status.
- At click on 'M.B Status' system navigate user to new screen.
- User select the Item category from 'Category' dropdown to select the specific category of items.
- User input the quantity of item available on site
- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

3

Problems



- Click on 'Problems' icon.
- System navigates to new screen.

- User enters the entry of problems against the 'nature of problem' dropdown
- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

4

Publish



- On Click on 'Publish' Icon.
- System displays confirmation message
- On confirmation system publish the Flood Inspection.

5

Print



- Click on 'Print' icon.
- System show new screen.
- Printable form of Flood Inspection be shown.
- User can save or print the Flood Inspection.

6

Edit



- Click on 'Edit' icon.
- System navigates user to new screen pertaining basic information.
- At click on 'Save' button system update the record in DB.
- User can navigate back or cancel by click on back button


7

Delete



- Click on 'Delete' icon.
- System display Confirmation message.
- System check for validation
- At confirmation system delete the record from DB

3.3.1.3. Post-Flood Inspections

Inspection Date	Inspection Type	Infrastructure Type	Infrastructure Name	Status	Action
31-Mar-2017	Pre Flood	Barrage/Headwork	Chashma barrage demo	Published	

1

General Condition



- On click on 'General Condition' icon system navigate user to new screen.
- Parameters for General conditions of 'Headwork/Barrage' be shown.
- User enter/select the input parameters and click on 'Save' button to save in db.
- User can navigate back or cancel by click on back button.

2

M.B Status



- 'M.B Status' is measuring book status.
- At click on 'M.B Status' system navigate user to new screen.
- User select the Item category from 'Category' dropdown to select the specific category of items.
- User input the quantity of item available on site along with the 'Quantity required' field.
- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

3

Problems



- Click on 'Problems' icon.
- System navigate to new screen.
- User enter the entry of problems against the 'nature of problem' dropdown
- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

4

Stone Position



- On Click on 'Stone Position' Icon.
- System navigates user to Stone Position screen.
- User enters the records of stone against the location (R.D).
- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

5

Print



- Click on 'Print' icon.
- System show new screen.
- Printable form of Flood Inspection be shown.
- User can save or print the Flood Inspection.

6

Edit



- Click on 'Edit' icon.
- System navigates user to new screen pertaining basic information.
- At click on 'Save' button system update the record in DB.
- User can navigate back or cancel by click on back button

7

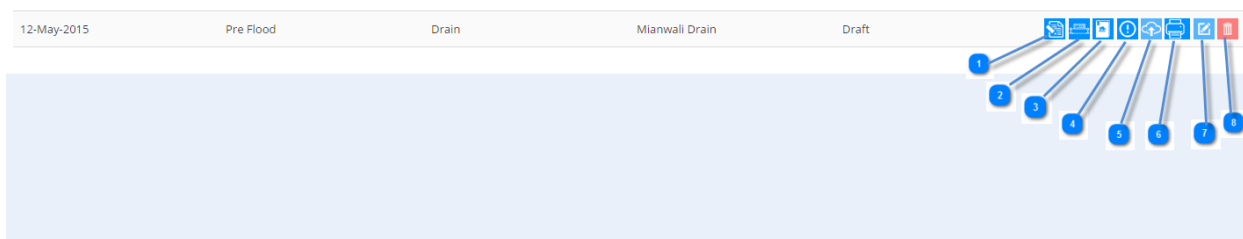
Delete



- Click on 'Delete' icon.
- System displays Confirmation message.
- System check for validation
- At confirmation system delete the record from DB

Independent Inspections - Drains

Pre-Flood Inspections



1

General Condition



- On click on 'General Condition' icon system navigate user to new screen.
- Parameters for General conditions of 'Drain' displayed.
- User enters/selects the input parameters and click on 'Save' button to save in db.
- User can navigate back or cancel by click on back button.

2

R.D Wise condition



- On click on 'R.D wise Condition' icon system navigate user to new screen.
- System show different tables consisting the ability to save the R.D wise conditions of protection infrastructure.
- To add/enter any R.D wise condition, user have to click on 'add' icon (present on each table within 'R.D wise Condition' Screen) to add new record of specific R.D wise condition.
- User can navigate back or cancel by click on back button.

3

M.B Status



- 'M.B Status' is measuring book status.
- At click on 'M.B Status' system navigate user to new screen.
- User select the Item category from 'Category' dropdown to select the specific category of items.
- User input the quantity of item available on site.

- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

4

Problems



- Click on 'Problems' icon.
- System navigates to new screen.
- User enters the entry of problems against the 'nature of problem' dropdown
- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

5

Publish



- On Click on 'Publish' Icon.
- System displays confirmation message
- On confirmation system publish the Flood Inspection.

6

Print



- Click on 'Print' icon.
- System show new screen.
- Printable form of Flood Inspection get displayed.
- User can save or print the Flood Inspection.

7

Edit



- Click on 'Edit' icon.
- System navigates user to new screen pertaining basic information.
- At click on 'Save' button system update the record in DB.
- User can navigate back or cancel by click on back button

8

Delete



- Click on 'Delete' icon.
- System displays Confirmation message.
- System check for validation
- At confirmation system delete the record from DB

3.3.1.4. Post-Flood Inspections

Inspection Date	Inspection Type	Infrastructure Type	Infrastructure Name	Status	Action
05-Oct-2015	Post Flood	Drain	Mianwali Drain	Published	

1

General Condition



- On click on 'General Condition' icon system navigate user to new screen.
- Parameters for General conditions of 'Drain' displayed.
- User enters/selects the input parameters and click on 'Save' button to save in db.
- User can navigate back or cancel by click on back button.

2

R.D Wise condition



- On click on 'R.D wise Condition' icon system navigate user to new screen.
- System shows different tables consisting the ability to save the R.D wise conditions of protection infrastructure.
- To add/enter any R.D wise condition, user have to click on 'add' icon (present on each table within 'R.D wise Condition' Screen) to add new record of specific R.D wise condition.
- User can navigate back or cancel by click on back button.

3

M.B Status



- 'M.B Status' is measuring book status.
- At click on 'M.B Status' system navigate user to new screen.
- User select the Item category from 'Category' dropdown to select the specific category of items.
- User input the quantity of item available on site.
- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

4

Problems



- Click on 'Problems' icon.
- System navigates to new screen.
- User enters the entry of problems against the 'nature of problem' dropdown
- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

5

Stone Position



- On Click on 'Stone Position' Icon.
- System navigates user to Stone Position screen.
- User enters the records of stone against the location (R.D).
- At click on 'Save' button system save the record in DB.
- User can navigate back or cancel by click on back button.

6

Publish



- On Click on 'Publish' Icon.
- System displays confirmation message
- On confirmation system publish the Flood Inspection.

7

Print



- Click on 'Print' icon.
- System show new screen.
- Printable form of Flood Inspection displayed.

- User can save or print the Flood Inspection.

8

Edit



- Click on 'Edit' icon.
- System navigates user to new screen pertaining basic information.
- At click on 'Save' button system update the record in DB.
- User can navigate back or cancel by click on back button

9

Delete



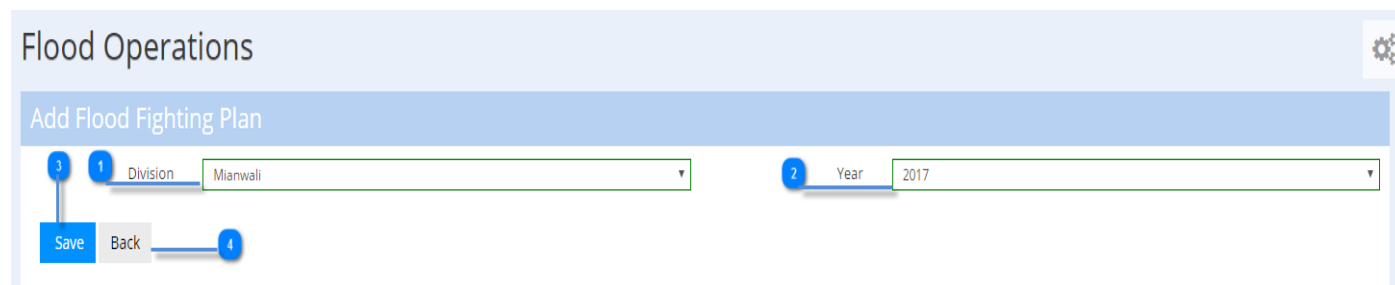
- Click on 'Delete' icon.
- System displays Confirmation message.
- System check for validation
- At confirmation system delete the record from DB

Add Flood Fighting Plan

User clicks on:

Add New

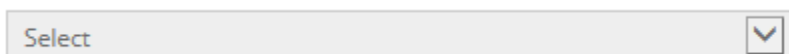
System navigate user to following Screen



How to Access: Left Menu -> Flood Fighting Plan -> Add new

1

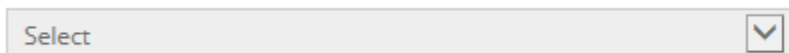
Division



- User can select desired Division w.r.t the selected Circle.

2

Year



- Select Year from the 'Year dropdown.

3

Save

Save

- User clicks on Save Button to save the basic information of FFP.
- System navigates to main screen.
- System Displays new entry pertaining links mentioned in above mentioned screen.

4

Back

Back

- User click on Back to cancel the process of adding new FFP and navigate back to main screen.



Year	Zone	Circle	Division	Status	Action
2017	Sargodha	Thal	Mianwali	Draft	   

Adding FFP:

1

Last Year Restoration Work



- Click on the <Last year Restoration Works> Icon.
- System navigates user to new screen pertaining list of works done or ongoing for the previous year.
- List of Works appears from <Asset and Works > Module

2

Stone Position



As user clicks on Stone Position Icon, following Screen displayed

Stone Position For Flood Fighting Plan

Year
2017

Division
Mianwali

Zone
Sargodha

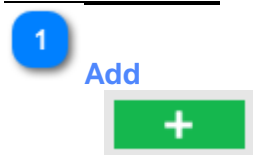
Status
Draft

Circle
Thal

Type	Infrastructure Name	RD	Available Quantity (‘000 cft) (A)	Net Quantity Required (‘000 cft) (B)	Total Quantity (‘000 cft) (A+B)	
Barrage/Headwork	Kalabagh/Jinnah Barrage		0	30	30	<div><div></div><div></div></div>
Protection Infrastructure	Mianwali Bund	10+110	30	10	40	<div><div></div><div></div></div>
Protection Infrastructure	Mianwali Bund	30+130	12	5	17	<div><div></div><div></div></div>
Protection Infrastructure	Mianwali Bund	50+150	15	3	18	<div><div></div><div></div></div>
Protection Infrastructure	Mianwali Bund	154+000	0	8	8	<div><div></div><div></div></div>

Back

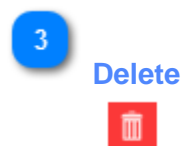
Stone Position:



- Click on <Add> button adds a new row into the table for adding a new record.



- Click on 'Edit' image to edit the existing record.
- System opens the record into editable form.



- Click on 'Delete' image to delete the existing record.
- System display error message if any of the child entry has been entered for this specific record.
- System deletes the newly added record from the table

4

Back

Back

- System navigates user back to main screen.

3

Camp Site



Camp Sites For Flood Fighting Plan				
Year	Zone	Circle		
2017	Sargodha	Thal		
Division	Status			
Mianwali	Draft			
Infrastructure Type	Infrastructure Name	RD	Description	
Protection Infrastructure	Mianwali Bund	150+000		1 2 3 4
Protection Infrastructure	Mianwali Bund	180+000		
Barrage/Headwork	Kalabagh/Jinnah Barrage			

Camp Site:

1

Add



- Click on <Add> button adds a new row into the table for adding a new record.

2

Items



- At click on save icon, Item icon get enabled.
- At click on Item, System navigate user to Item screen where user add items as after the selection of item category (Dropdown)
- System display stable of items (Already entered from reference data) as per selected Item Category.
- User enters the quantity under Required Quantity column heading against the desired item.

3

Edit



- Click on 'Edit' image to edit the existing record.
- System opens the record into editable form.

4

Delete



- Click on 'Delete' image to delete the existing record.
- System display error message if any of the child entry has been entered for this specific record.
- System deletes the newly added record from the table

4

Overall Division Items



Overall Division Items for Flood Fighting Plan

Year: 2017 Zone: Sargodha Circle: Thal

Division: Mianwali Status: Draft

Category: 1

Item Name	Available Quantity in Division Store	Quantity Required in Division			Total (A+B+C)
		Camp sites (A)	Infrastructures (B)	Additional (C)	
Baskets (Nos.)	134	9	20	<input type="text" value="1"/> 2	30
Cell for torches (Nos.)	61	9	5	<input type="text" value="6"/>	20
Chimneys for lamps (Nos.)	96	9	15	<input type="text" value="6"/>	30
Chouldaries (Nos.)	57	9	5	<input type="text" value="6"/>	20
E.G bags (Nos.)	9921	9	150	<input type="text" value="1"/>	160
Killas (Nos.)	49	9	10	<input type="text" value="1"/>	20
Umbrella (Nos.) 3	33	9	7	<input type="text" value="4"/>	20

4

Overall Division Items:

1

Category

- User selects the Item category from mentioned drop down.
- System displays table of Items as per selected item category.

2

Additional (Quantity Required in Division)

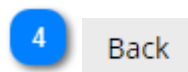
- User input the additional quantity required excluded the quantity already entered through camp sites and the Post-Flood Inspection.

3

Save

- User clicks on Save Button to save the entered information.
- System display entered data in read only mode.

- DB updated.



- System navigates user back to main screen.



Arrangements For Flood Fighting Plan

Year 2017	Zone Sargodha	Circle Thal
Division Mianwali	Status Draft	

Arrangement Type	Description
Duties of Telephone Attendant	Need in flood seasons 1
Law & Order	10 security personals required
Lialison with other Departments	
Medical Arrangements for Labour	
POL	
Ration	
Role of Army	
Sounding & Probing	
Transportation	
Wireless 2	

Save 3 Back

Arrangements:



Description

- User enters the description against arrangement type.



Save

- User clicks on Save Button to save the entered information.
- System displays entered data in read only mode.
- DB updated.



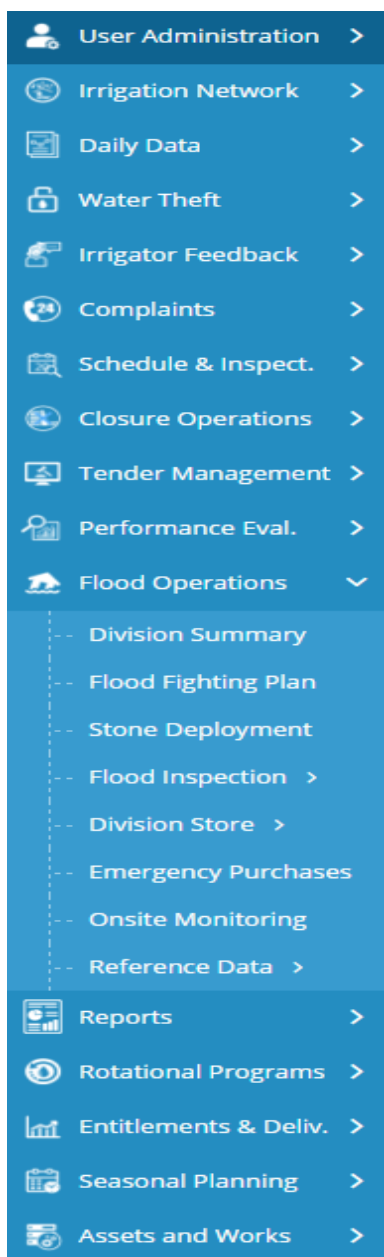
Back

- System navigates user back to main screen.

Stone Deployment

This section provides interface for XEN to enter the records of Stone deployment as per demanded in FFP, furthermore Stone Deployment also maintain the quantity of stone deployment along with further details such as built number, Vehicle number, by parts quantity etc.

How to Access: Left Menu -> Flood Operations -> Stone Deployment



Flood Operations

Stone Deployment

1 Zone	Sargodha	2 Circle	Thal
3 Division	Mianwali	4 Year	All
5 Infrastructure Type	All	6 Infrastructure Name	All

Search

Stone Deployment:

1

Zone

Select

- Select zone from the 'Zone' dropdown.
- On selection of zone, relevant circles are populated in the circle dropdown.

2

Circle

Select

- Select circle from the 'Circle' dropdown.
- On selection of circle, relevant divisions are populated in the division dropdown.

3

Division

Select

- User selects a division into 'Division' dropdown.
- All the sub divisions associated with the above Division populated into 'Sub Division' dropdown.

4

Year

Select

- User selects a year into 'year' dropdown.

5

Infrastructure Type

Select

- User selects an Infrastructure Type into 'Infrastructure Type' dropdown.

6

Infrastructure Name

Select



- User selects an Infrastructure Name into 'Infrastructure Name' dropdown.
- 'Infrastructure' name appears as per selection of 'Infrastructure Type'

7

Search

Search

- Click on the <Search> button.
- System displays all the records as per the search criteria given by the user.
- If there is no record against the entered search criteria, system shows the message '**No record found**'

Infrastructure Type	Infrastructure Name	RD	Quantity Approved in FFP ('000 cft)	Quantity Disposed ('000 cft)	Action
Barrage/Headwork	Kalabagh/Jinnah Barrage		30	30	Details
Protection Infrastructure	Mianwali Bund	154+000	8	8	Details
Protection Infrastructure	Mianwali Bund	50+150	3	3	Details
Protection Infrastructure	Mianwali Bund	30+130	5	5	Details
Protection Infrastructure	Mianwali Bund	10+110	10	10	Details

Add Stone Deployment:

1

Details





Details


- Click on the <Details> button.
- System navigates to details page where user enter the disposal details against the mentioned amount i.e. 'Quantity Approved in FFP ('000 cft)'.
- 'Quantity Disposed ('000 cft)' gets updated with updating disposal quantity recorded in 'details'.

Infrastructure Type
Control Structure1

Infrastructure Name
Kalabagh/Jinnah Barrage

Quantity Approved in FFP ('000 cft)
30

Date	Vehicle Number	Bilty Number	Quantity ('000 cft)	Cost (Rs)	
11-Apr-2017	534 453454	ty5-565656	30	1,234	   
Total			30	1,234	

Back 

Add details (Stone Deployment):

1

Add



- Select click on 'add' Icon.
- System display new row with input fields under shown column heading.

2

Attachments



- After saving the record system display attachment icon.
- At click on 'attachment' icon system navigate user to new screen.
- User can enter maximum of five attachments with single record.

3

Edit



- At click on edit icon system display editable fields of that specific record.
- System also shows 'Save' and 'Cancel' icons to save or cancel.

4

Delete





- At click on delete icon.
- System checks the child record.
- System deletes the record from db.

5

Back

Back

- At click on 'back' icon system navigates user to previous screen.

Division Summary

This module provides user to Add, Edit, View, Delete and Print division summary of Flood operations. XEN is the authorized user of Division summary

How to Access: Main Menu -> Flood Operations- > Division Summary

Flood Operations

Division Summary

1 Zone All 2 Circle All 3 Division All 4 Year All

5 Search 6 Add New

Year	Zone	Circle	Division	Action
2017	Sargodha	Thal	Mianwali	7 8 9 10 11 12

Search Division Summary

1

Zone

All

- Select Zone from the 'Zone dropdown.
- On selection of Zone, system enables Circle dropdown and populates all reaches based on selected Zone.
- Authorize User can select desired Zone.

2

Circle

All

- Select Circle from the 'Circle dropdown.
- On selection of Circle, system enables Division dropdown and populates all reaches based on selected Circle.
- Authorize User can select desired Circle

3

Division

All ▼

- User can select desired Division w.r.t the selected Circle.

4

Year

All ▼

- Select Year from the 'Year dropdown.

5

Search

Search

- Click on the <Search> button.
- System displays all the records as per the search criteria given by the user.
- If there is no record against the entered search criteria, system shows the message '**No record found**'

6

Add New

Add New

- Click on the <Add new> button.
- System navigates user to Division summary basic information screen.
- Only XEN can add division summary

7

Infrastructure Based Items



For Searched Record:

- Click on the <Infrastructure based items> Icon.
- System navigate user to Infrastructure based items for division summary screen.

8

Division Store Items



For Searched Record:

- Click on the <Division Store items> Icon.
- System navigate user to Division Store items for division summary screen.

9

Stone Position



For Searched Record:

- Click on the <Stone Position> Icon.
- System navigates user to stone position for division summary screen.

10

Print



For Searched Record:

- Click on the <Print> Icon.
- System prints the division summary report.

11

Edit



For Searched Record:

- Click on 'Edit' Icon.
- System opens the record into editable form.

12

Delete



For Searched Record:

- At click on delete icon.
- System checks the child record.
- System deletes the record from db.

Add Division Summary

User clicks on:

Add New

- System navigate user to following Screen

Division Summary Basic Information

1 Division 2 Year

Save Back

1 Division

- User can select desired Division.

2 Year

- Select Year from the 'Year dropdown.

3 Save

- User click on Save Button to save the basic information of division summary.
- System navigates to main search screen.
- System Display new entry pertaining links mentioned in above mentioned screen.

4 Back

- User clicks on Back to cancel the process of adding new Division and navigate back to main screen.

3.4.1.1. Infrastructure Based Items

User click on Infrastructure based items icon against Search record

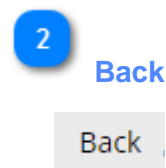
System navigate user to following Screen



Infrastructure Based Items for Division Summary			
Year 2017	Zone Sargodha	Circle Thal	
Division Mianwali			
Infrastructure Type	Infrastructure Name		1
Barrage	Kalabagh/Jinnah Barrage		Items
Bund / Guide Bund	Mianwali Bund		Items
Drain	Mianwali Drain		Items
Back			?



- Click on items button, system navigate user to items screen



- Click on Back button, system navigate back to main screen.

3.4.1.2. Division Store Items

- User click on Division Store items icon against Search record
- System navigate user to following Screen

Flood Operations

Division Items for Division Summary

Year 2017	Zone Sargodha	Circle Thal
Division Mianwali		
Category	Civil	

Item Name	Quantity Available at Infrastructures	Quantity Available in Division Store	Total Quantity Available in Division
Baskets (Nos.)	10	120	130
Cell for torches (Nos.)	5	52	57
Chimneys for lamps (Nos.)	10	87	97
Chouldaries (Nos.)	2	48	50
E.G bags (Nos.)	120	9907	10027
Killas (Nos.)	5	35	40
Umbrella (Nos.)	5	22	27

Back

1

Category

Category

- Select Category from dropdown.
- System show details according to selected category.

2

Back

Back

- Click on Back button, system navigate back to main screen.

3.4.1.3. Stone Position

- User click on Stone Position icon against Search record
- System navigate user to following Screen



Flood Operations

Stone Position for Division Summary

Year
2017

Zone
Sargodha

Circle
Thal

Division
Mianwali

Infrastructure Type	Infrastructure Name	RD	Stone Available at Site ('000 cft)
Bund / Guide Bund	Mianwali Bund	10+110	10
Bund / Guide Bund	Mianwali Bund	30+130	10
Bund / Guide Bund	Mianwali Bund	50+150	10
Bund / Guide Bund	Mianwali Bund	128+000	10
Bund / Guide Bund	Mianwali Bund	154+000	5

Back

1

1

Back

Back










- Click on Back button, system navigate back to main screen.

Emergency Purchases

How to Access: Main Menu -> Flood Operations- > Emergency Purchases

Emergency Purchases

1 Zone Sargodha 2 Circle Thal 3 Division Mianwali 4 Year All 5 Camp Site All 6 Search Add New

Year	Infrastructure Type	Infrastructure Name	RD	Camp Site	Action
2017	Protection Infrastructure	Mianwali Bund		No	  
2016	Protection Infrastructure	Mianwali Bund		No	  
2015	Protection Infrastructure	Mianwali Bund	10+110	Yes	  

Search Emergency Purchases:

1

Zone

All

- Select Zone from the 'Zone dropdown.
- On selection of Zone, system enables Circle dropdown and populates all reaches based on selected Zone.
- Authorize User can select desired Zone.

2

Circle

All

- Select Circle from the 'Circle dropdown.
- On selection of Circle, system enables Division dropdown and populates all reaches based on selected Circle.
- Authorize User can select desired Circle

3

Division

All

- User can select desired Division w.r.t the selected Circle.

4

Year

All

- Select Year from the 'Year dropdown.

5

Camp Site

All

- Select Camp site from dropdown.

6

Search

Search

- Click on the <Search> button.
- System displays all the records as per the search criteria given by the user.
- If there is no record against the entered search criteria, system shows the message '**No record found**'

7

Add New

Add New

- Click on the <Add new> button.
- System navigates user to Add emergency purchases screen.
- Only XEN can add emergency purchases

8

Works



For Searched Record:

- Click on the <Works> Icon.
- System navigates user to Flood Fighting works screen.

9

Item Purchasing



For Searched Record:

- Click on the <Item Purchasing> Icon.
- System navigates user to Emergency purchases of items on infrastructure screen

10

Edit



For Searched Record:

- Click on 'Edit' Icon.
- System opens the record into editable form.

11

Delete



For Searched Record:

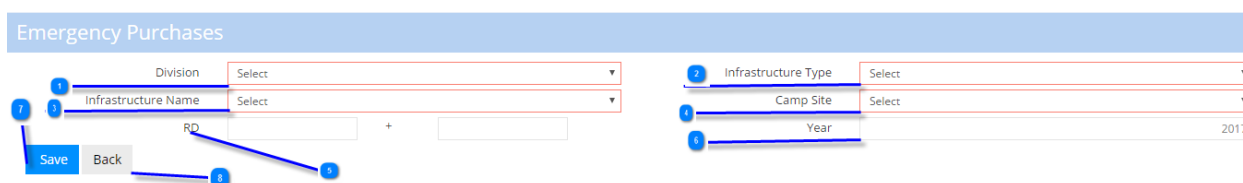
- At click on delete icon.
- System checks the child record.
- System deletes the record from db.

Add Emergency Purchases

- User click on:

Add New

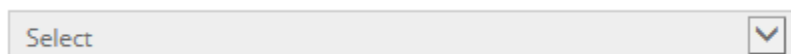
- System navigate user to following Screen



The screenshot shows the 'Emergency Purchases' form. It includes dropdown menus for 'Division', 'Infrastructure Type', 'Infrastructure Name', 'Camp Site', and 'Year'. There are also input fields for 'RD' and a '+' sign. A 'Save' button and a 'Back' button are at the bottom left. Numbered callouts (1-8) point to the following elements: 1. Division dropdown, 2. Infrastructure Type dropdown, 3. Infrastructure Name dropdown, 4. Camp Site dropdown, 5. Year dropdown, 6. RD input field, 7. Save button, 8. Back button.

1

Division

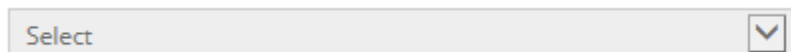


A dropdown menu with the text 'Select' and a downward arrow.

- User can select desired Division.

2

Infrastructure Type

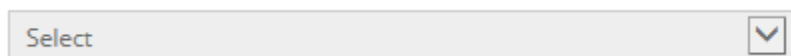


A dropdown menu with the text 'Select' and a downward arrow.

- Select Infrastructure Type from dropdown.

3

Infrastructure Name

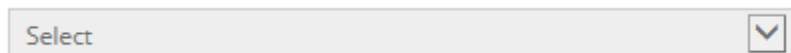


A dropdown menu with the text 'Select' and a downward arrow.

- Select Infrastructure Name from dropdown.

4

Camp Site



A dropdown menu with the text 'Select' and a downward arrow.

- Select Camp site from dropdown.

5

RD

RD +

- Enter the value of RD

6

Year

Select

- Select Year from the 'Year dropdown.

7

Save

Save

- User clicks on Save Button.
- System navigates to main search screen.
- System Display new entry pertaining links mentioned in above mentioned screen.

8

Back

Back

- User click on Back Button.
- System navigates user to search screen.

3.5.2.1. Works

- User click on Works icon against Search record
- System navigate user to following Screen

Flood Operations			
Flood Fighting Works			
Division Mianwali	Infrastructure Name Mianwali Bund	Camp site No	1
Nature of work	RD	Description	+
Stone	128+000	sgshs	
Back	2		3 4

1

Add



- Click on Add button, system navigate user to add work screen

2

Details



- Click on Details button, system navigate user to material disposal details screen.

3

Edit



For Searched Record:

- Click on 'Edit' Icon.
- System opens the record into editable form.

4

Delete



For Searched Record:

- At click on delete icon.
- System checks the child record.
- System deletes the record from db.

5

Back

Back

- User clicks on Back Button.
- System navigates user to search screen.

3.5.2.2. Item Purchasing

- User click on Item Purchasing icon against Search record
- System navigate user to following Screen

Flood Operations

Emergency purchases of items on Infrastructure

Infrastructure Type	Infrastructure Name	RD
Bund / Guide Bund	Mianwali Bund	120+235

Category:

Item Name	Quantity Purchased (in current season)	Quantity Purchased
Baskets (Nos.)	10	<input type="text"/>
Cell for torches (Nos.)	1	<input type="text"/>
Chimneys for lamps (Nos.)	4	<input type="text"/>
Chouldaries (Nos.)	0	<input type="text"/>
E.G bags (Nos.)	1	<input type="text"/>
Killas (Nos.)	0	<input type="text"/>
Umbrella (Nos.)	0	<input type="text"/>

1

Category

Category:

- Select Category from dropdown.
- System show details according to selected category.

2

Quantity Purchased

Quantity Purchased

- Enter the value of quantity purchased.

3

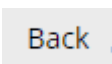
Save

- User clicks on Save Button.
- System navigates to main search screen.

- System Display new entry pertaining links mentioned in above mentioned screen.



Back



- User click on Back to cancel the process of adding and navigate back to main screen.

Onsite Monitoring

How to Access: Main Menu -> Flood Operations- > Onsite Monitoring

Flood Operations

Onsite Monitoring

1 Zone Sargodha

2 Division Mianwali

























3 Infrastructure Type All

4 Circle Thal

5 Year All

6 Infrastructure Name All

7 Search

Year	Zone	Circle	Division	Infrastructure Type	Infrastructure Name	Action
2017	Sargodha	Thal	Mianwali	Protection Infrastructure	Mianwali Bund	  
2017	Sargodha	Thal	Mianwali	Barrage/Headwork	Kalabagh/Jinnah Barrage	  
2016	Sargodha	Thal	Mianwali	Barrage/Headwork	Kalabagh/Jinnah Barrage	  
2016	Sargodha	Thal	Mianwali	Drain	Mianwali Drain	  
2016	Sargodha	Thal	Mianwali	Protection Infrastructure	Mianwali Bund	  
2015	Sargodha	Thal	Mianwali	Protection Infrastructure	Mianwali Bund	  
2015	Sargodha	Thal	Mianwali	Barrage/Headwork	Kalabagh/Jinnah Barrage	  
2015	Sargodha	Thal	Mianwali	Drain	Mianwali Drain	  

Search Onsite Monitoring:



Zone

Select



- Select Zone from the 'Zone dropdown.
- On selection of Zone, system enables Circle dropdown and populates all reaches based on selected Zone.
- Authorize User can select desired Zone.

2

Circle

- Select Circle from the 'Circle dropdown.
- On selection of Circle, system enables Division dropdown and populates all reaches based on selected Circle.
- Authorize User can select desired Circle

3

Division

- User can select desired Division w.r.t the selected Circle.

4

Year

- Select Year from the 'Year dropdown.

5

Infrastructure Type

- Select Infrastructure Type from dropdown.

6

Infrastructure Name

- Select Infrastructure Name from dropdown.

7

Search

- Click on the <Search> button.
- System displays all the records as per the search criteria given by the user.
- If there is no record against the entered search criteria, system shows the message '**No record found**'

8

Stone Position



For Searched Record:

- Click on the <Stone Position> Icon.
- System navigates user to stone position Monitoring screen.

9

Camp Site








For Searched Record:

- Click on the <Camp site> Icon.
- System navigates user to View Camp sites screen

Stone Position

- User clicks on Stone Position icon against Search record
- System navigates user to following Screen

Stone Position Monitoring for Onsite Monitoring				
Year 2017	Zone Sargodha	Circle Thal	Division Mianwali	
Infrastructure Name Mianwali Bund				
RD	Deployed Quantity ('000 cft)	Onsite Quantity ('000 cft)	Onsite Balance Quantity ('000 cft)	
154+000	8	8	0	
50+150	18	8	10	
30+130	17	10	7	
10+110	40	10	30	

Back 

1

Edit



For Searched Record:

- Click on 'Edit' Icon.
- System opens the record into editable form.

2






Back

Back

- User clicks on Back Button.
- System navigates user to search screen.

Camp Site

- User click on Camp site icon against Search record
- System navigate user to following Screen

View Camp Sites			
Year 2017	Zone Sargodha	Circle Thal	Division Mianwali
Infrastructure Name Mianwali Bund			
RD	Description	Camp Site Available	
150+000		Yes	 
180+000		Yes	 
Back 			

1

Details



For Searched Record:

- Click on 'Edit' Icon.
- System redirects user to search screen.

2

Edit



For Searched Record:

- Click on 'Edit' Icon.
- System opens the record into editable form.

3

Back

Back

- User click on Back Button.
- System navigate user to search screen.

Flood Bund Gauges

How to Access: Main Menu -> Flood Operations- > Flood Bund Gauges

Search Bund Gauges Data

1	Zone	Sargodha	2	Circle	Thal
3	Division	Mianwali	4	Structure Type	Bund
5	Structure Name	Chashma Band	6	RD	All
7	Date From		8	Date To	
9	Time	All			

Search Add New

Date	RD	Time (hourly)	Gauge Value (ft)
12 Apr 2017	0+400	03:00 AM	123
12 Apr 2017	11+001	03:00 AM	235
12 Apr 2017	1+001	03:00 AM	963

1

Zone

Select

- Select Zone from the 'Zone dropdown.
- On selection of Zone, system enables Circle dropdown and populates all reaches based on selected Zone.
- Authorize User can select desired Zone.

2

Circle

Select

- Select Circle from the 'Circle dropdown.
- On selection of Circle, system enables Division dropdown and populates all reaches based on selected Circle.
- Authorize User can select desired Circle

3

Division

- User can select desired Division w.r.t the selected Circle.

4

Structure Type

- Click on 'Structure Type' dropdown.
- Select the type.

5

Structure Name

- Click on 'Structure Name' dropdown.
- Select the Name.

6

RD

- Enter RD from Dropdown

7

From Date

- Click on 'From Date' dropdown.
- Select a date from appeared calendar
- From date should be less than or equal to 'To Date'.

8

To Date

- Click on 'To Date' dropdown.
- Select a date from appeared calendar
- From date should be less than or equal to Current Date.

9

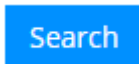
Time



- Enter Time From Drop down

10

Search



- Click on the <Search> button.
- System displays all the records as per the search criteria given by the user.
- If there is no record against the entered search criteria, system shows the message '**No record found**'

11

Add New



- Click on the <Add new> button.
- System navigate to Add gauges data Screen.

Add Gauges Data

- User click on:



- System navigate user to following Screen

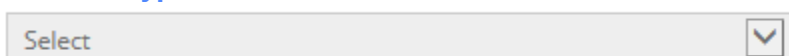
Flood Operations

Add Gauges Data



1

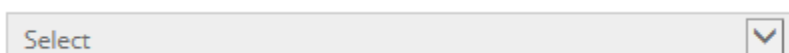
Structure Type



- Click on 'Structure Type' dropdown.
- Select the type.

2

Structure Name



- Click on 'Structure Name' dropdown.
- Select the Name.

3

Date



- Click on 'Date' dropdown.
- Select a date from appeared calendar
- User select date

4

Time



- Enter Time From Drop down

5

Save



- User clicks on Save Button.
- System navigates to main search screen.



6

Back

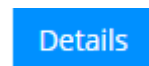
Back

- User click on Back Button.
- System navigates user to search screen.



Details

- User click on:



- System navigate user to following Screen

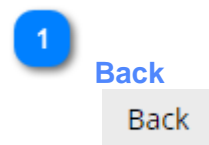
Flood Operations

View Details Of Division Store

Zone Sargodha	Circle Thal	Division Mianwali
Year 2017	Quantity Available in Division Store 120	

Date	Item Name	Quantity Effected	Condition
No record found			

Back



- User click on Back Button.
- System navigates user to search screen.

Division Store

How to Access: Main Menu -> Flood Operations- > Division Store -> Division Store

Flood Operations

Division Store

1 Zone Sargodha

3 Division Mianwali

5 Item Category Civil

6 Search

2 Circle Thal

4 Year 2017

Item Name	Quantity Available in Division Store	Item Status
Baskets (Nos.)	120	Details Update
Cell for torches (Nos.)	52	Details Update
Chimneys for lamps (Nos.)	87	Details Update
Chouldaries (Nos.)	48	Details Update
E.G bags (Nos.)	9907	Details Update
Killas (Nos.)	35	Details Update
Umbrella (Nos.)	22	Details Update

Search Division Store:

1


Zone

Select 

- Select Zone from the 'Zone dropdown.
- On selection of Zone, system enables Circle dropdown and populates all reaches based on selected Zone.
- Authorize User can select desired Zone.

2

Circle

Select 

- Select Circle from the 'Circle dropdown.
- On selection of Circle, system enables Division dropdown and populates all reaches based on selected Circle.
- Authorize User can select desired Circle

3

Division

- User can select desired Division w.r.t the selected Circle.

4

Year

- Select Year from the 'Year dropdown.

5

Item Category

- Click on 'Item Category' dropdown.
- Select the Category.

6

Search

Search

- Click on the <Search> button.
- System displays all the records as per the search criteria given by the user.
- If there is no record against the entered search criteria, system shows the message '**No record found**'

7

Details

Details

- Click on the <Details> button.
- System navigates user to details screen.

8

Update

Update

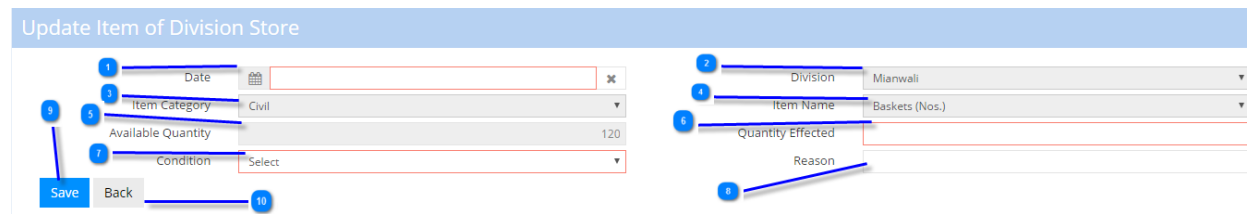
- Click on the <Update> button.
- System navigates user to update screen

Update

User clicks on:

Update

System navigate user to following Screen



1

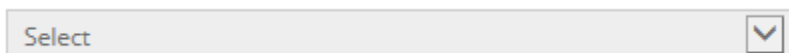
Date



- Click on 'Date' dropdown.
- Select a date from appeared calendar
- User select date

2

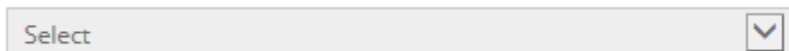
Division



- User can select desired Division

3

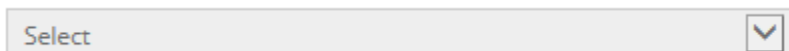
Item Category



- Click on 'Item Category' dropdown.
- Select the Category.

4

Item Name



- Click on 'Item Name' dropdown.
- Select the Name.

5

Available Quantity

- Enter available quantity at text field

6

Quantity Effected

- Enter Effected quantity at text field

7

Condition

- Select condition from dropdown

8

Reason

- Enter Condition at text field

9

Save

- User clicks on Save Button
- System navigate to main search screen.

10

Back

- Click on Back button, system navigate back to main screen.



Issued Stock (Division store)

How to Access: Main Menu -> Flood Operations- > Division Store -> Issued Stock

Flood Operations

Search Issued Item

1	Division	Mianwali	2	Year	2017
3	Infrastructure Type	Protection Infrastructure	4	Infrastructure Name	Mianwali Bund
5	Issued Type	Issued - Camp Sites			

6 Search 7 Issue new Stock 8

Infrastructure Type	Infrastructure Name	RD	
Bund / Guide Bund	Mianwali Bund	150+000	Items
Bund / Guide Bund	Mianwali Bund	180+000	Items

1

Division

Select

- User can select desired Division

2

Year

Select

- Select Year from the 'Year dropdown.

3

Infrastructure Type

Select

- Select Infrastructure Type from dropdown.

4


Infrastructure Name

Select

- Select Infrastructure Name from dropdown.

5

Issued Type

Select 

- Select Issued Type from dropdown.

6

Search

Search

- Click on the <Search> button.
- System displays all the records as per the search criteria given by the user.
- If there is no record against the entered search criteria, system shows the message '**No record found**'

7

Issue New Stock

Issue new Stock

- Click on the <Issue New Stock> button.
- System navigates user to issue new stock screen.

8

Items

Items


- Click on the <Items> button.
- System navigates user to items screen

Issue New Stock

- User click on:

Issue new Stock

- System navigate user to following Screen





1

Item Issued To:

Item Issue to: ☒ Infrastructure ☐ Camp Site

- Select radio option of 'item issued to'
- System shows details according to selection

On selection of Infrastructure

2

Infrastructure Type

All ▼

- Select Infrastructure Type from dropdown.

3

Infrastructure Name

All ▼

- Select Infrastructure Name from dropdown.

4

Item Category

All ▼

- Click on 'Item Category' dropdown.
- Select the Category.

5

Save

Save

- User click on Save Button
- System navigate to main search screen.

6

Back

Back

- Click on Back button, system navigate back to main screen.



On selection of Camp site

Flood Operations

Issued Item

Item Issue to: ☐ Infrastructure ☒ Camp Site

Infrastructure Type	Infrastructure Name	RD	
Bund / Guide Bund	Mianwali Bund	150+000	Items
Bund / Guide Bund	Mianwali Bund	180+000	Items
Barrage	Kalabagh/Jinnah Barrage		Items

[Back](#)

7

Items

Items

- Click on the <Items> button.
- System navigates user to items screen

8

Back

Back

- Click on Back button, system navigate back to main screen.

Items

User click on:

Items

System navigate user to following Screen



Camp Site Issued Items

Infrastructure Type	Infrastructure Name	RD
Bund / Guide Bund	Mianwali Bund	150+000

Category 1

Item Name	Quantity Available in Store	Quantity Approved	Quantity Issued
Baskets (Nos.)	120	5	0
Cell for torches (Nos.)	52	5	0
Chimneys for lamps (Nos.)	87	5	0
Chouldaries (Nos.)	48	5	0
E.G bags (Nos.)	9907	5	0
Killias (Nos.)	35	5	0
Umbrella (Nos.)	22	5	0

Back 2

1

Category

Category

- Select Category from dropdown.
- System show details according to selected category.

2

Back

Back

- Click on Back button, system navigate back to main screen.

Received Stock (Division store)

How to Access: Main Menu -> Flood Operations- > Division Store -> Received Stock



Flood Operations

Search Received Items

1 Zone Sargodha 2 Circle Thal
3 Division Mianwali 4 Year 2017
5 Receive Type Purchase - Flood Fighting Plan 6 Item Category Civil
Search Receive Stock 6

Item Name	Quantity Approved (FFP)	Quantity Received
Baskets (Nos.)	30	25
Cell for torches (Nos.)	20	15
Chimneys for lamps (Nos.)	30	25
Chouldaries (Nos.)	20	15
E.G bags (Nos.)	160	155
Killas (Nos.)	20	15
Umbrella (Nos.)	20	15

1

Zone

Select

- Select Zone from the 'Zone dropdown.
- On selection of Zone, system enables Circle dropdown and populates all reaches based on selected Zone.
- Authorize User can select desired Zone

2

Circle

Select

- Select Circle from the 'Circle dropdown.
- On selection of Circle, system enables Division dropdown and populates all reaches based on selected Circle.
- Authorize User can select desired Circle

3

Division

Select

- User can select desired Division w.r.t the selected Circle.

4

Year

Select



- Select Year from the 'Year' dropdown.

5

Infrastructure Type

Select



- Select Infrastructure Type from dropdown.

6

Item Category

Select



- Click on 'Item Category' dropdown.
- Select the Category.

7

Search

Search

- Click on the <Search> button.
- System displays all the records as per the search criteria given by the user.
- If there is no record against the entered search criteria, system shows the message '**No record found**'

8

Received Stock

Receive Stock

- Click on the <Received Stock> button.
- System navigates user to Received Stock screen

Received Stock

- User click on:

Receive Stock

- System navigate user to following Screen

Flood Operations

Division Store Received Stock

3 1 Division All Received Stock Type All 2

Save Back 4

1

Division

All

- User can select desired Division

2

Revised Stock Type

All

- Select Infrastructure Type from dropdown.

3

Save

Save

- User click on Save Button
- System navigates to main search screen.

4

Back

Back

- Click on Back button, system navigate back to main screen.

Reference Data

How to Access: Main Menu -> Flood Operations- > Reference Data

Items

- User click at items from left menu
- System navigate user to reference data screen of items

Flood Operations

Items

Item Category

Item Name

Baskets (Nos.)

Cell for torches (Nos.)

Chimneys for lamps (Nos.)

Chouldaries (Nos.)

E.G bags (Nos.)

Umbrella (Nos.)

Killas (Nos.)

1

Category

Category

- Select Category from dropdown.
- System show details according to selected category.

2

Add



- Click on Add button, system shows addable row.

3

Item Name

- Enter Item Name at text field.

4

Save



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














5

Cancel

- Click on Cancel button  to cancel the open grid

Problem Nature

- User click at problem nature from left menu
- System navigate user to reference data screen of problem Nature.

Flood Operations		
Problem Nature		
Nature of problem	Description	
Quality of soil	Quality of soil	
Inadequate free board	Inadequate free board	 
Slope deficient	Slope deficient	 
Hydraulic gradient line not cover	Hydraulic gradient line not cover	 
Wave action	Wave action	 
Any other reason	Any other reason	 
<input type="text"/>	<input type="text"/>	 

1

Add



- Click on Add button, system navigate user to add work screen

2

Edit



For Searched Record:

- Click on 'Edit' Icon.
- System opens the record into editable form.

3

Delete



For Searched Record:

- At click on delete icon.
- System checks the child record.
- System deletes the record from db.

4

Nature of Problem

- Enter nature of problem at text field.

5

Description

- Enter Description at text field.

6

Save



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

7

Cancel



- Click on Cancel button to cancel the open grid



Tender Management (Android Application)

Activate Users: XEN

For “Onsite Monitoring”: ADM, MA, PMIU Staff

- User selects flood operations from left panel of application as shown below



Flood Operation XEN

XEN Officer



Water Theft



Daily Operational Data



Closure Operations



Tenders Management



Flood Operations



Flood Inspection

Stone Deployment

Emergency Purchases

Onsite Monitoring



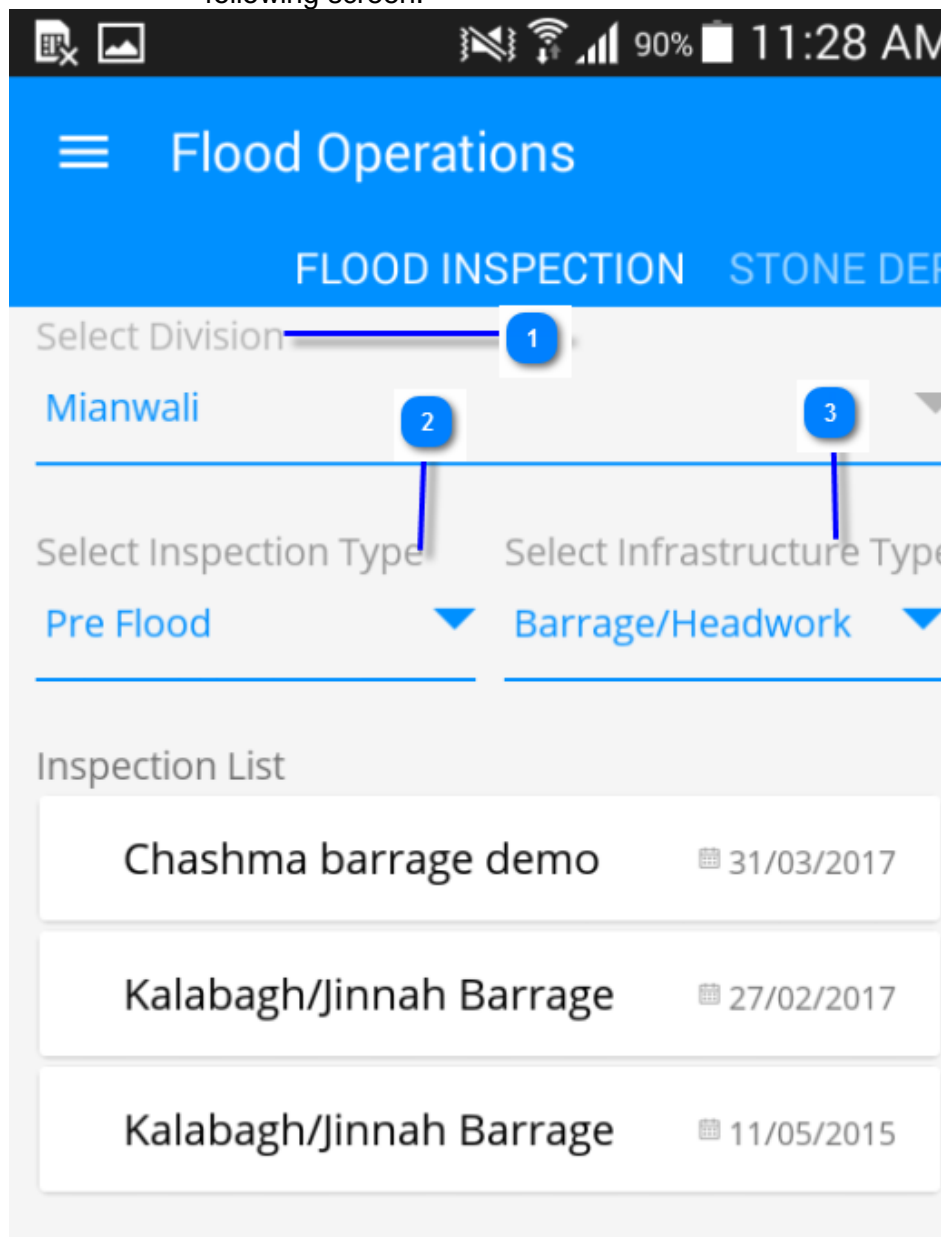
Unscheduled Inspections



Logout

Flood inspection

- User selects Flood inspection through flood operations, System navigates user to following screen.



Select Division

Mianwali

Select Inspection Type

Pre Flood

Select Infrastructure Type

Barrage/Headwork

Inspection List

Chashma barrage demo	31/03/2017
Kalabagh/Jinnah Barrage	27/02/2017
Kalabagh/Jinnah Barrage	11/05/2015

1

Division

Select Division

Mianwali

- User selects a division into 'Division' dropdown.

2

Inspection Type

Select Inspection Type

Pre Flood

- Click on 'Type' dropdown.

3

Infrastructure Type

Select Infrastructure Type

Barrage/Headwork

- Select the Infrastructure type from dropdown.
- Application shows relevant results of inspection list.

Stone Deployment

- User selects Stone Deployment through flood operations, System navigates user to following screen.

Flood Operations

INSPECTION STONE DEPLOYMENT EMERGENCY

Select Division
Mianwali

Select Infrastructure Type
Barrage/Headwork

Select Infrastructure Name
Kalabagh/Jinnah Bar..

Select Year
2017

Stone Deployment List

Stone Deployment

FFP QUANTITY APPROVED ('000cft)	QUANTITY DISPOSED ('000cft)
30	30

1

Division

Select Division

Mianwali

- User selects a division into 'Division' dropdown.

2

Infrastructure Type

Select Infrastructure Type
Barrage/Headwork ▼

- Select the Infrastructure type from dropdown.
- Application shows relevant results of inspection list.

3

Infrastructure Name

Select Infrastructure Name
Kalabagh/Jinnah Bar.. ▼

- Select the Infrastructure name from dropdown.

4

Year

Select Year
2017 ▼

- Select year from dropdown.
- Application shows relevant results of stone deployment list.

Emergency Purchases

- User selects Emergency purchases through flood operations, System navigates user to following screen.



Flood Operations

LOYMENT EMERGENCY PURCHASES ONSITE

Division

Mianwali

1

Infrastructure Type

Protection Infrastruc..

2

Infrastructure Name

Mianwali Bund

3

Camp Site

No

4

Emergency Purchases

Mianwali Bund

RD 120+235

Year

2017

Detail

Mianwali Bund

RD 0+000

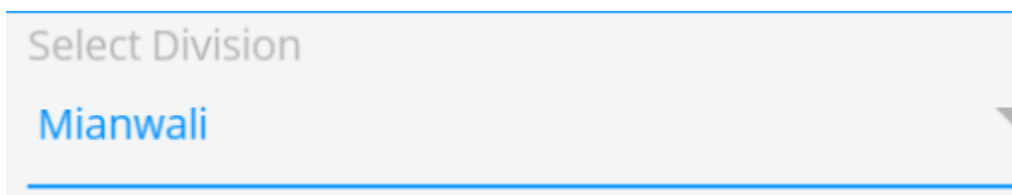
Year

2016

Detail

1

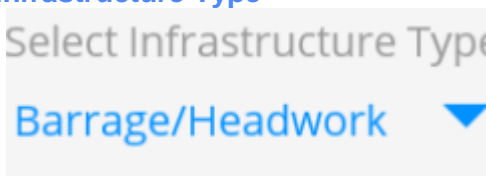
Division



- User selects a division into 'Division' dropdown.

2

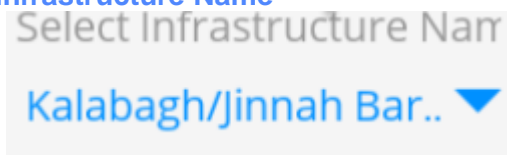
Infrastructure Type



- Select the Infrastructure type from dropdown.
- Application shows relevant results of inspection list.

3

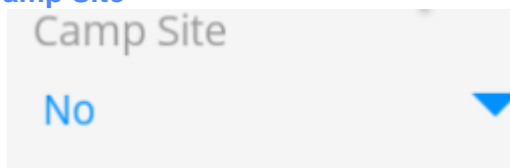
Infrastructure Name



- Select the Infrastructure name from dropdown.

4

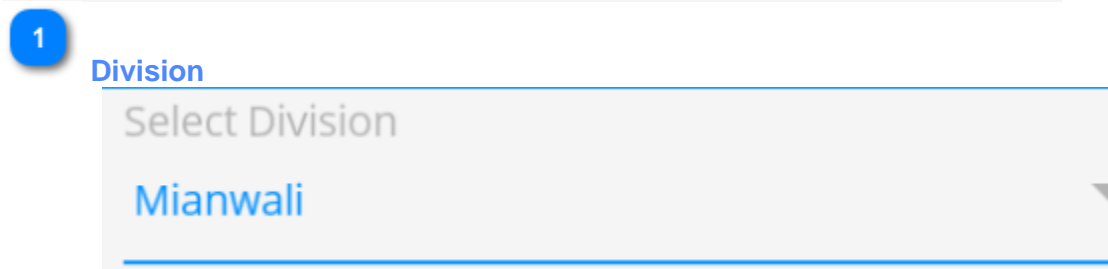
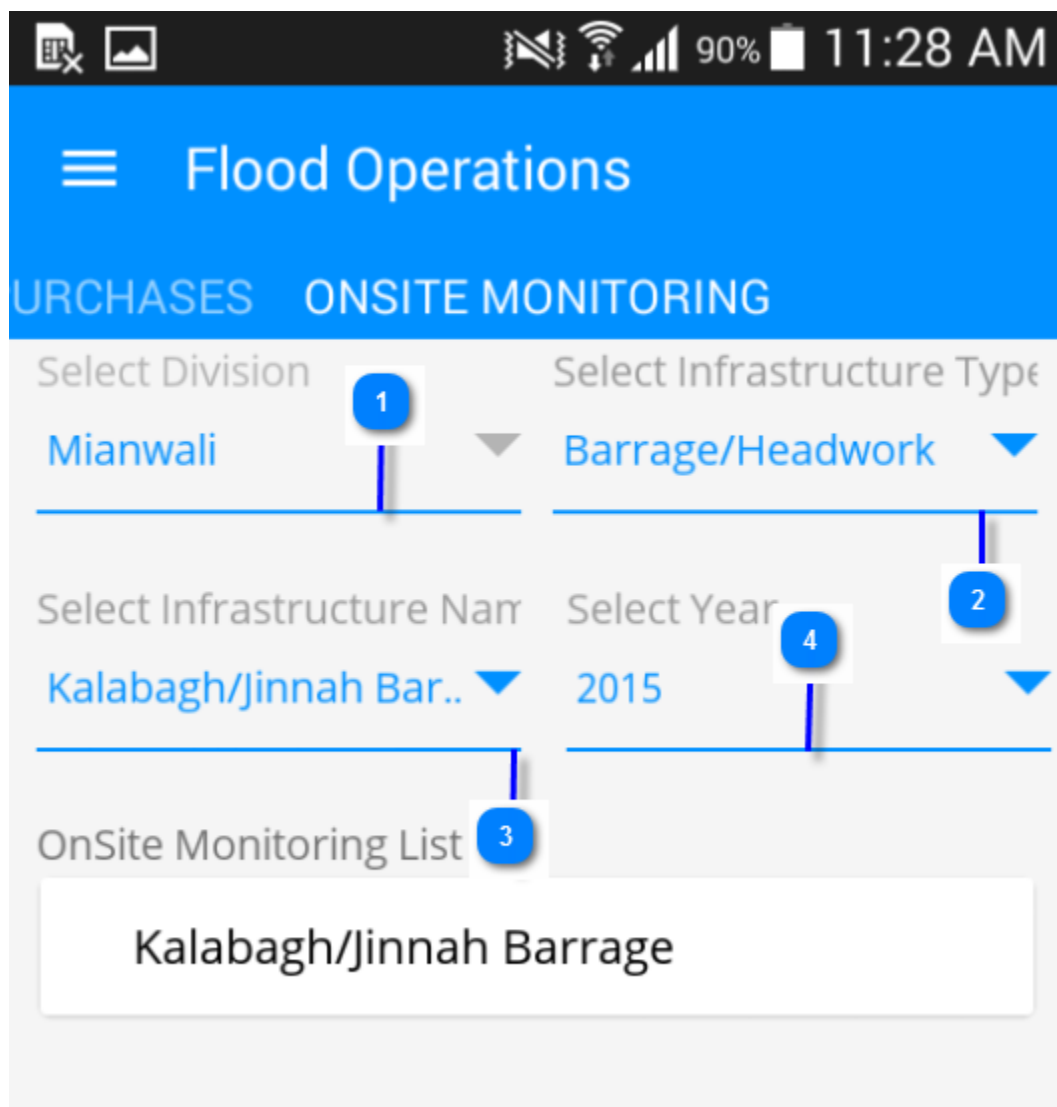
Camp Site



- Select Camp site from dropdown.
- Application shows relevant results emergency purchases.

Onsite Monitoring

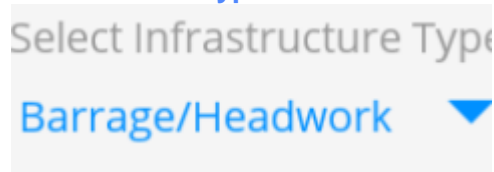
- User selects Onsite Monitoring through flood operations, System navigates user to following screen.



- User selects a division into 'Division' dropdown.

2

Infrastructure Type



Select Infrastructure Type

Barrage/Headwork ▼

- Select the Infrastructure type from dropdown.
- Application shows relevant results of inspection list.

3

Infrastructure Name



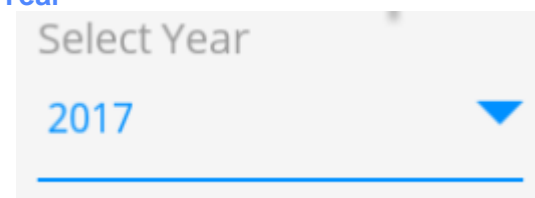
Select Infrastructure Name

Kalabagh/Jinnah Bar.. ▼

- Select the Infrastructure name from dropdown.

4

Year



Select Year

2017 ▼

- Select year from dropdown.
- Application shows relevant results of Onsite Monitoring.