



WRMIS User Manual

CLOSURE OPERATIONS

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

NESPAK

Version 1.0

April 14, 2017



Revision History

Version	Date	By	Summary of Changes
1.0	14-April-17	NESPAK	Initial Draft



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Closure Operations

This module consists of two parts: Annual Canal Closure Programme and Closure Work Plan. Annual Canal Closure Programme is prepared on yearly basis for Mangla and Tarbela Commands and a schedule of main canal closure is mentioned there. An interface for recording that schedule is provided in this section. The other section of Closure Work Plan consists of all the works that are to be performed in the Closure period. The progress of those works is also monitored and can be retrieved in this section

Business User: Data Entry Operator, XEN, ADM, SE, CE, Other Users

Any other user can access 'Closure operations' based on assigned rights from Roles and Rights (User Administration)

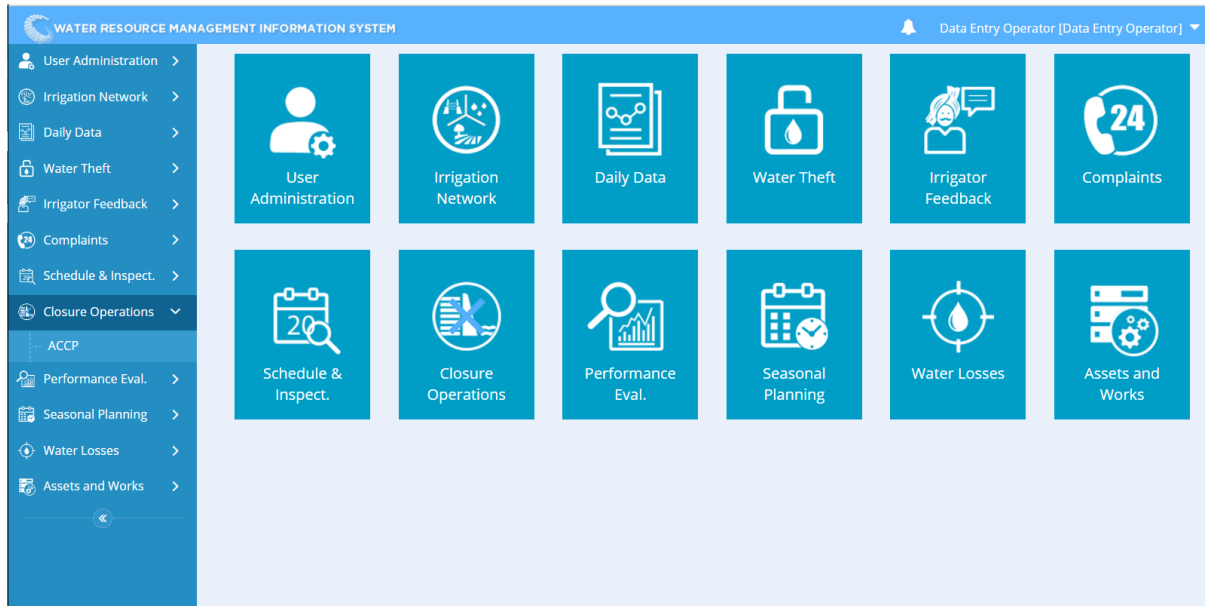
Pre-Requisite: Closure operations' Role and Rights should be assigned to respective user correctly.

Annual Canal Closure Programme

Annual Canal Closure Programme is prepared on yearly basis for Mangla and Tarbela Commands and a schedule of main canal closure programme is mentioned there. An interface for recording that schedule is provided in this section.

When a Main canal is closed on the mentioned date, it's all child canals will be closed in the mentioned range of dates. Further, a branch canal having multiple parents can be excluded from the set of branch canals that are to be closed. The excluded branch canal and all its child canals will be opened whereas the selected main canal and all its child canals will be closed in the mentioned days.

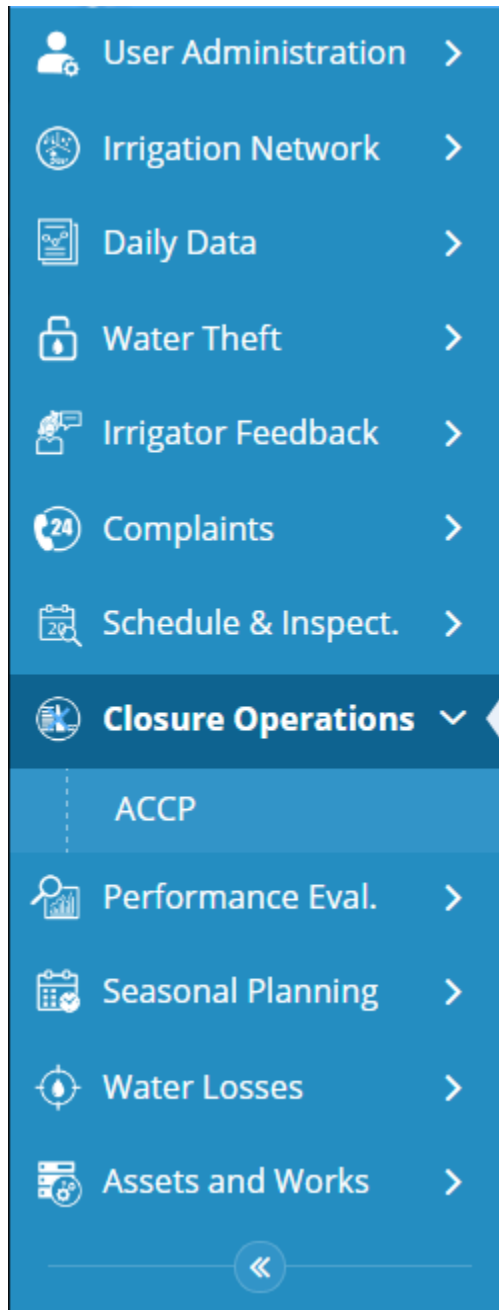
Activate Users: Data Entry Operator, Other Users



- Click on Annual Canal Closure Programme through Closure Operations present on left menu of screen
- System redirects user to Annual Canal Closure main screen.



How to Access: Main Menu -> Closure Operations - > ACCP



1 Annual Canal Closure Programme



WATER RESOURCE MANAGEMENT INFORMATION SYSTEM

Data Entry Operator [Data Entry Operator]









User Administration >
Irrigation Network >
Daily Data >
Water Theft >
Irrigator Feedback >
Complaints >
Schedule & Inspect. >
Closure Operations >
ACCP
Performance Eval. >
Seasonal Planning >
Water Losses >
Assets and Works >

Closure Operations

Annual Canal Closure Programme

Year: All

[Search](#) [Add New](#)

Title	Year	Attachment	
Annual Canal Closure Programme During Rabi 2016-17	2016-2017	View Attachment	   
Annual Canal Closure Programme During Rabi 2017-18	2017-2018	View Attachment	   

Year

Year

All

- Enter the Year 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 annual canal closure programme screen.



Search Result

Title	Year	Attachment	
Annual Canal Closure Programme During Rabi 2016-17	2016-2017	View Attachment	
Annual Canal Closure Programme During Rabi 2017-18	2017-2018	View Attachment	

Actions against retrieved data



- Click on 'View' icon to view details of annual canal closure programme.



- Click on 'Orders' icon to view details of annual canal closure programme orders



- Click on 'Print' icon to print annual canal closure programme.



- Click on 'Edit' icon to edit details of annual canal closure programme.

Add Annual Canal Closure Programme

- After clicking on "Add New" button at search screen, System redirects the user to Add annual canal closure programme screen

Add Annual Canal Closure Program

Title	<input type="text"/>	Year	2017-2018
Attachment	<input type="button" value="Choose File"/> No file chosen	<input type="checkbox"/> Copy Closure Program from last year	
<input type="button" value="Save"/> <input type="button" value="Back"/>			

Title

Title

- Add Title at Text box

Year

Year

☐ Copy Closure Program from last year

- Current financial year is displayed at "Year" text field
- User can add last year closure plan on selection of check box "copy closure programme from last year"

Attachment

Attachment

Choose File No file chosen

- Select File/Picture from “Attachment” Button

Save

Save

- Click on save button.
- System saves details in database.

Back

Back

- Click on Back button.
- System redirects user to annual canal closure programme search screen.

Edit Annual Canal Closure Programme

- After clicking on Edit icon, System redirects the user to Edit annual canal closure plan screen

Edit Annual Canal Closure Programme

Title	Annual Canal Closure Programme During R	Year	2016-2017
Attachment	Choose File No file chosen		
	View Attachment		
Save	Back		

Title

Title

Annual Canal Closure Programme During Rabi 2016-17

- Edit Title at Text box

Year

Year 2016-2017

- Year text field is read only in Edit screen and user cannot edit this field

Attachment

Attachment

Choose File No file chosen

[View Attachment](#)

- Select File/Picture from “Attachment” Button
- User can view attached file by clicking on “View Attachment” link.

Save

Save


- Click on save button.
- System saves edited details in database.

Back

Back

- Click on Back button.
- System redirects user to annual canal closure programme search screen.

Annual Canal Closure Programme Details

- After clicking on  view details icon from Annual Canal Closure Programme, System redirects the user to details screen



WATER RESOURCE MANAGEMENT INFORMATION SYSTEM Data Entry Operator [Data Entry Operator]

Closure Operations

Annual Canal Closure Programme Details

Annual Canal Closure Programme Title
Annual Canal Closure Programme During Rabi 2016-17

Year
2016-2017

Mangla Command

Main Canal Name	From Date	To Date	
Main Line, L.J.C.	26-Dec-2016	12-Jan-2017	
R.Q. Link.	26-Dec-2016	12-Jan-2017	
QB Link canal	27-Dec-2016	13-Jan-2017	
Lower Bari Doab Canal	29-Dec-2016	15-Jan-2017	
B.S.Link	29-Dec-2016	15-Jan-2017	
Pakpattan Canal Upper	30-Dec-2016	16-Jan-2017	
Eastern Sadiqia Canal	30-Dec-2016	16-Jan-2017	
Upper Jhelum Canal	12-Jan-2017	29-Jan-2017	
Central Bari Doab Canal	27-Dec-2016	13-Jan-2017	

Tarbela Command



Main Canal Name	From Date	To Date	
T.S.Link (Trimmu Sidhnai Link) Canal	10-Jan-2017	30-Jan-2017	
Sidhnai Canal	11-Jan-2017	28-Jan-2017	
S.M.B.L (Sidhnai Mailisi Bahawal Link) Canal	11-Jan-2017	28-Jan-2017	
Pakpattan Canal Lower	12-Jan-2017	29-Jan-2017	
Lower Bahawal Canal	13-Jan-2017	30-Jan-2017	
Punjab Main Line	03-Jan-2017	20-Jan-2017	
Taunsa Punjab Link Canal	31-Dec-2016	17-Jan-2017	

[Back](#)

Mangla Command



- Click on  button to add entries in the grid of Mangla Command

Main Canal Name	From Date	To Date	
Awami Canal	07-Apr-2017		


- Select canal from the 'Main Canal' dropdown.
- Select Date from "From Date" date calendar.
- Select Date from "To Date" date calendar.
- Click on Save  button, system checks for the mandatory field & if any field is missing system display a message
- Click on Cancel button  to cancel the open grid

Tarbela Command

- Click on  button to add entries in the grid of Tarbela Command

Main Canal Name	From Date	To Date	
Abbassia Canal	07-Apr-2017		 

- Select canal from the 'Main Canal' dropdown.
- Select Date from "From Date" date calendar.
- Select Date from "To Date" date calendar.

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

- Click on Cancel button  to cancel the open grid

Back

Back

- Click on Back button.
- System redirects user to annual canal closure programme search screen.



Annual Canal Closure Programme Orders

- After clicking on Orders icon, System redirects the user to orders screen


Annual Canal Closure Programme Orders/Letters		
Annual Canal Closure Programme Title Annual Canal Closure Programme During Rabi 2016-17		Year 2016-2017
Letter No	Letter Date	Attachment
No record found		
		
		

Orders Details

- Click on  button to add entries in grid against Letters/Orders

Letter No	Letter Date	Attachment	
	10-Apr-2017	Choose File No file chosen	 

- Enter letter number at 'Letter No' text box.
- Select Date from "Letter Date" date calendar.
- Select File/Picture from "Attachment" Button

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

- Click on Cancel button  to cancel the open grid

Back

Back

- Click on Back button.
- System redirects user to annual canal closure programme search screen.









Print Annual Canal Closure Programme

- Click on print icon.

Annual Canal Closure Programme

Year

[Search](#) [Add New](#)

Title	Year	Attachment	
Annual Canal Closure Programme During Rabi 2016-17	2016-2017	View Attachment	   
Annual Canal Closure Programme During Rabi 2017-18	2017-2018	View Attachment	   

- System opens the selected annual canal closure programme in a printable form.s
-

2 Closure Work Plan

Closure Work Plan is prepared by every Division (XEN) before the commencement of closure period. In this plan, a division lists down the works to be performed in the closure period. These works are called closure works and they have different types.

Closure work types are mentioned in the reference data and some of its types are fixed. For fixed closure work types, the parameters are different than the other types. Along with the closure works, Work Items are also added for every work.

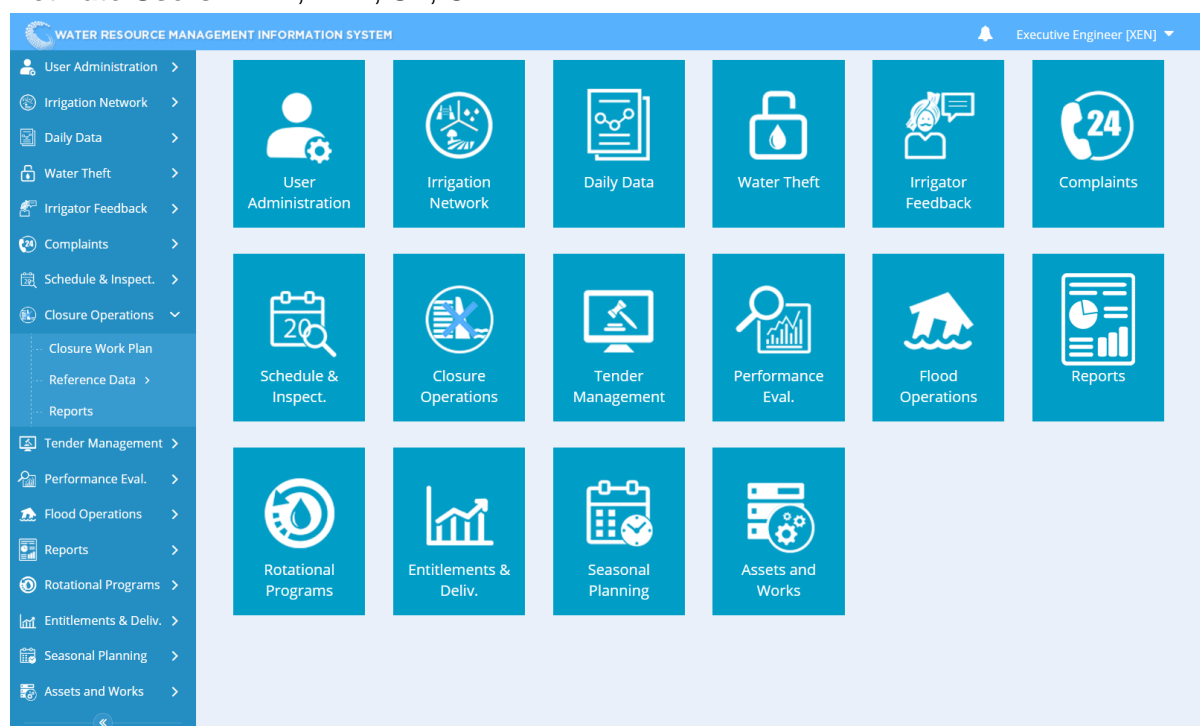
When a plan is prepared and is fully ready by XEN then he publishes that plan and thus it becomes visible/notified to ADM, SE and CE. The closure works of the published plan are then visible in Tenders Monitoring module (Works section).

The published plans can be edited by CEs only. Work Details and Work Items of the plan can be updated by CE. But once, a work is awarded to a Contractor (In Tenders Monitoring module), work details and its work items cannot be edited by any user.

On awarded works; ADM, XEN, SE, CE monitors the progress of closure works and also enters their progress against every closure work. Progress History is also maintained which consists of all the progresses taken by different users against a closure work.

In addition to the web application, an android interface is also provided for recording the progress of the closure works. Only those closure works will appear which have been awarded the contract.

Activate Users: ADM, XEN, SE, CE

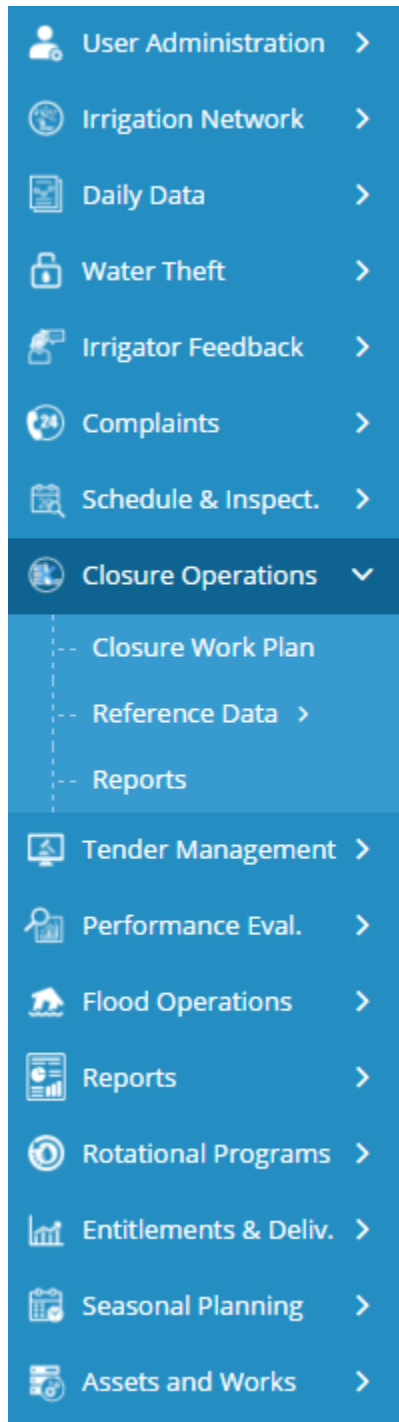


- Click on Closure Work Plan through Closure Operations present on left menu of search screen
- System redirects user to Closure work plan main screen.





How to Access: Main Menu -> Closure Operations - > Closure Work Plan





Closure Operations

Closure Work Plan

Zone	LBDC IP	Circle	LBDC
Division	Balloki	Year	All

[Search](#) [Add New](#)

Closure Work Plan Title	Year	Division	Status
Closure Work Plan for Balloki Division	2016-2017	Balloki	Publish
Closure Work Plan for Balloki Division 2017-18	2017-2018	Balloki	Draft

Zone

Zone

- Enter the Zone from Dropdown

Circle

Circle

- Enter the Circle from Dropdown

Division

Division

- Enter the Division from Dropdown

Year

Year

- Enter the Year from Dropdown

Search

[Search](#)

- Click on search button
- System shows relevant details based on selection criteria.

Search Result

Closure Work Plan Title	Year	Division	Status	
Closure Work Plan for Balloki Division	2016-2017	Balloki	Publish	  
Closure Work Plan for Balloki Division 2017-18	2017-2018	Balloki	Draft	  

- Closure work plan with status 'Publish' is shown in read only form and cannot be edited and deleted. The Work Details screen of published plan is also in the form of read-only.

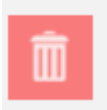
Actions against retrieved data



- Click on 'Details' icon to view details of closure work plan.



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



- Click on 'Delete' icon to delete closure work plan.

Add New



- Click on Add New button.
- System redirects user to Add Closure Work Plan screen.

Add Closure Work Plan

- After clicking on "Add New" button at search screen, System redirects the user to Add closure work plan.

Add Closure Work Plan			
Title	<input type="text"/>	Year	<input type="text" value="2017-2018"/>
Division	<input type="text" value="Balloki"/>	Comments	<input type="text"/>
<input type="button" value="Save"/>		<input type="button" value="Back"/>	

Title

Title



- Enter Title at Text box

Year

Year

2017-2018

- Enter the Year at "Year" text field

Division

Division

Balloki

- Enter the 'Division' from Dropdown

Comments

Comments

- Enter the 'Comments' at text area

Save

Save

- Click on save button.
- System saves details in database.

Back

Back

- Click on Back button.
- System redirects user to closure work plan search screen.

Edit Closure Work Plan

- After clicking on Edit icon in closure work plan against record, System redirects the user to Edit closure work plan screen

Edit Closure Work Plan			
Title	<input type="text" value="Closure Work Plan for Balloki Division 2017-18"/>	Year	<input type="text" value="2017-2018"/>
Division	<input type="text" value="Balloki"/>	Comments	<input type="text"/>
<input type="button" value="Save"/>		<input type="button" value="Back"/>	

Title

Title

Closure Work Plan for Balloki Division 2017-18

- Edit Title at Text box

Year

Year

2017-2018

- Enter the Year at "Year" text field

Division

Division

Balloki

- Enter the 'Division' from Dropdown

Comments

Comments

- Enter the 'Comments' at text area

Save

Save

- Click on save button.
- System saves edited details in database.

Back

Back

- Click on Back button.
- System redirects user to closure work plan search screen.

Closure Work Plan Details

- After clicking on details icon, System redirects the user to details screen
- If the status of the plan is 'Publish' then system will show the icons of View Work Details, View Work Items, Add Progress and View Progress History.



Closure Operations

Closure Work Plan Details

Closure Work Plan Title

Closure Work Plan for Balloki Division

Division

Balloki

Year

2016-2017

[Print](#)

[Publish](#)

Work Type	Work Name	Estimated Cost (Rs.)	Awarded (Rs.)	
Desilting	Desilting of Civil Station Silt Minor	521,100	510,678	View Add Edit Delete
Electrical/ Mechanical	Electrical / Mechanical Closure Work for Balloki division	105,000	95,000	View Add Edit Delete
Building Works	Repair to sub ordinate Rest House at Balloki	50,500		View Add Edit Delete
Channel Structure Work	Repairing Damaged panel of concrete lining of Hallah Disty	1,541,532		View Add Edit Delete
Outlet Repairing	Repairing Defective Outlets in Balloki Headworks Sub Division	812,280	796,034.4	View Add Edit Delete

[Back](#)

- If the status of the plan is 'Draft' then system will show the icons of Work Items, Add Edit Work Details and Delete Work.

Closure Operations

Closure Work Plan Details

Closure Work Plan Title

Closure Work Plan for Balloki Division 2017-18

Division

Balloki

Year

2017-2018

[Print](#)

[Publish](#)

Work Type	Work Name	Estimated Cost (Rs.)	
Desilting	Desilting Closure Work for Balloki Division	5,000	View Add Delete

[Back](#)

Print

[Print](#)

- Click on print button.
- System opens the Closure Work Plan in printable form

Publish

[Publish](#)

- Click on publish button.
- System publishes closure work plan and thus it becomes visible in Tenders Monitoring module for tendering process.

Actions



- Click on 'Add' icon to add a new Work of a closure work plan.
- It is shown only when the status of Closure Work Plan is Draft.



- Click on 'Edit' icon to edit a Work of a closure work plan.
- It is shown only when the status of Closure Work Plan is Draft.



- Click on 'View' icon to view Work Details of closure work plan.
- It is shown only when the status of Closure Work Plan is Publish.



- Click on 'Work Items' icon to edit/view Work items of closure work.



- Click on 'Add Progress' icon to add progress of a closure work.
- 'Add Progress' icon is shown only when status of closure work plan is 'Publish'



- Click on 'Progress History' icon to get history of closure work plan.
- 'Progress History' icon is shown only when status of closure work plan is 'Publish'

Add / Edit Closure Work

- Clicking on 'Add' or 'Edit' icon from Closure Work Plan details screen, system redirects the user to Add / Edit Closure Work details screen
- If the status of Closure Work plan is 'Draft' then the work details are shown in editable form.

Edit Closure Work

Work Name	Desilting Closure Work for Balloki Division		
Work Type	Desilting		
Channel	1AL Feeder Disty	Silt to be Removed (cft)	25
From RD (ft)	0 + 0	To RD (ft)	0 + 1
District	Sahiwal	Tehsil	Chicha Watni
Estimation Details			
Funding Source	Fixed	Closure Period	<input type="checkbox"/>
Cost (Rs)	5000	Completion Period	30 Day (s)
Start Date	01-Mar-2017	End Date	30-Mar-2017
Technical Sanction and Tendering Details			
Sanction No	4563356	Sanction Date	01-Mar-2017
Earnest Money (Rs)	2 % of Financial Bid	Tender Fee (Rs)	200
Description			
<input type="button" value="Save"/> <input type="button" value="Back"/>			

Work Name

Work Name Desilting Closure Work for Balloki Division

- Enter the 'Work Name' at text field

Work Type

Work Type Desilting

- Enter the 'Work Type' from Dropdown
- Work Types are maintained in a Reference data.

Channel

Channel 1AL Feeder Disty

- Enter the 'Channel' from Dropdown

Silt to be Removed (cft)

Silt to be Removed (cft) 25

- Enter the quantity of silt to be removed at text field

From RD (ft)

From RD (ft) +

- Enter the values of 'From RD' at text fields.

To RD (ft)

To RD (ft) +

- Enter the values of 'To RD' at text fields.

District

District

- Enter the 'District' from Dropdown

Tehsil

Tehsil

- Enter the 'Tehsil' from Dropdown

Funding Source

Funding Source

- Enter the 'Funding Source' from Dropdown

Closure Period

Closure Period ☐

- Check the 'Closure Period' check box
- On checking the Closure Period checkbox, Completion Period fields are disabled

Cost



Cost (Rs)

5000

- Enter the 'Cost 'at text field

Completion Period

Completion
Period

30

Day (s)



- Enter the 'Completion Period' at Dropdown and text field.
- Completion period enables when Closure Period checkbox is not checked.

Start Date

Start Date



01-Mar-2017



- Enter the date from 'Start Date' calendar

End Date

End Date



30-Mar-2017



- Enter the date from 'End Date' calendar

Sanction No

Sanction No

4563356

- Enter the 'Sanction No 'at text field

Sanction Date

Sanction Date



01-Mar-2017



- Enter the date from 'Sanction Date' calendar

Earnest Money (Rs.)

Earnest Money
(Rs)

2

% of Financial Bid



- Enter the values of 'Earnest Money' at Dropdown and text field.

Tender Fee (Rs.)

Tender Fee (Rs)

200

- Enter the amount of 'Tender Fee' at text field

Description

Description

- Enter the 'Description' at text area

Save

Save

- Click on save button.
- System saves the details in database.

Back

Back

- Click on Back button.
- System redirects user to Closure Work Plan details screen.

View Closure Work Details



- Clicking on details icon, System redirects the user to closure work details screen
- If the status of Closure Work plan is 'Publish' then the work details are shown in read-only form.

Closure Operations

Closure Work Plan

Work Name	Desilting of Civil Station Silt Minor		
Work Type	Desilting ▼		
Channel	Silt Minor ▼	Silt to be Removed (cft)	1000
From RD (ft)	0 + 0	To RD (ft)	7 + 720
District	Select ▼	Tehsil	Select ▼

Estimation Details

Funding Source	Fixed ▼	Closure Period	<input checked="" type="checkbox"/>
Cost (Rs)	521100	Completion Period	<input type="text"/> Day (s) ▼
Start Date	<input type="text"/> 15-Mar-2017 ✕	End Date	<input type="text"/> 15-May-2017 ✕

Technical Sanction and Tendering Details

Sanction No	3681	Sanction Date	<input type="text"/> 09-Dec-2016 ✕
Earnest Money (Rs)	2 % of Financial Bid ▼	Tender Fee (Rs)	120
Description	<input type="text"/>		

[Back](#)

Work Name

Work Name Desilting of Civil Station Silt Minor

- View the 'Work Name' at text field

Work Type

Work Type Desilting ▼

- View the 'Work Type' at Dropdown

Channel

Channel Silt Minor ▼

- View the 'Channel' at Dropdown

Silt to be Removed (cft)



Silt to be
Removed (cft)

1000

- View the quantity of silt to be removed at text field

From RD (ft)

From RD (ft)

0

+

0

- View the values of 'From RD' at text fields.

To RD (ft)

To RD (ft)

7

+

720

- View the values of 'To RD' at text fields.

District

District

Select

- View the 'District' at Dropdown

Tehsil

Tehsil

Select

- View the 'Tehsil' at Dropdown

Funding Source

Funding Source

Fixed

- View the 'Funding Source' at Dropdown

Closure Period

Closure Period



- View the 'Closure Period' check box

Cost

Cost (Rs)

521100



- Enter the 'Cost 'at text field

Completion Period

Completion Period	<input type="text"/>	Day (s) ▼
-------------------	----------------------	-----------

- View the 'Completion Period' at Dropdown and text field.

Start Date

Start Date	<input type="text" value="15-Mar-2017"/>	<input type="button" value="X"/>
------------	--	----------------------------------

- View the date at 'Start Date' calendar

End Date

End Date	<input type="text" value="15-May-2017"/>	<input type="button" value="X"/>
----------	--	----------------------------------

- View the date at 'End Date' calendar

Sanction No

Sanction No	<input type="text" value="3681"/>
-------------	-----------------------------------

- View the 'Sanction No 'at text field

Sanction Date

Sanction Date	<input type="text" value="09-Dec-2016"/>	<input type="button" value="X"/>
---------------	--	----------------------------------

- View the date at 'Sanction Date' calendar

Earnest Money (Rs.)

Earnest Money (Rs)	<input type="text" value="2"/>	% of Financial Bid ▼
--------------------	--------------------------------	----------------------

- View the values of 'Earnest Money' at Dropdown and text field.

Tender Fee (Rs.)

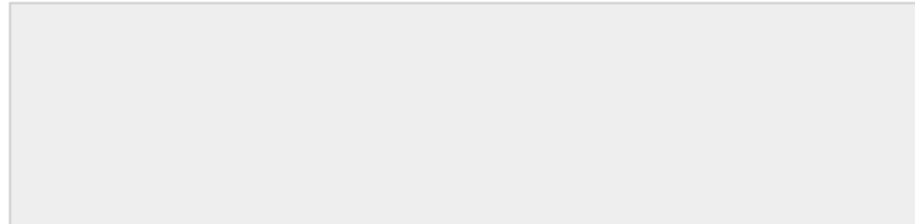
Tender Fee (Rs)

120

- View the amount of 'Tender Fee' at text field

Description

Description



- View the 'Description' at text area

Back

Back

- Click on Back button.
- System redirects user to Closure Work Plan Details screen.

Delete Closure Work



- Click on 'Delete' icon to delete a selected Closure Work.

Closure Work Items

- After clicking on 'Closure Work Items' icon at any record of Closure Work Details screen, System redirects the user to Closure work item screen
- If the status of Closure Work Plan is Draft then user can Add, Edit and Delete work items of a closure work.

Closure Operations

Closure Work Item

Closure Work Plan Title

Closure Work Plan for Balloki Division 2017-18

Year

2017-2018

Closure Work Name




Desilting Closure Work for Balloki Division

Division

Balloki

Closure Work Type

Desilting

Item Description	Unit	Sanctioned Quantity	Technical Sanction Rate (Rs.)	Sanctioned Amount (Rs.)	
<input type="text" value="Enter item description"/>	<input type="text" value="KGs"/>	<input type="text"/>	<input type="text"/>		  

[Back](#)

- If the status of Closure Work Plan is Publish then the Work Items screen is shown in read-only form.

Closure Operations

Closure Work Item

Closure Work Plan Title

Closure Work Plan for Balloki Division

Year

2016-2017

Closure Work Name

Desilting of Civil Station Silt Minor

Division

Balloki


Closure Work Type




Desilting

Item Description	Unit	Sanctioned Quantity	Technical Sanction Rate (Rs.)	Sanctioned Amount (Rs.)	Awarded (Rs.)
Earth work excavation from outside barrow pits lead up to 100 feet	% Cft	1,542	150	231,300	226,674
Dressing & leveling of earth work to designed section	% Cft	1,150	252	289,800	284,004

[Back](#)


Work Items


- Click on  button to add items in grid of work item

Item Description	Unit	Sanctioned Quantity	Technical Sanction Rate (Rs.)	Sanctioned Amount (Rs.)	
<input type="text" value="Enter item description"/>	<input type="text" value="KGs"/>	<input type="text"/>	<input type="text"/>		  

[Back](#)

- Enter Description at 'Item Description' text field.
- Select Unit from the 'Units' dropdown. The units are maintained in Reference Data.
- Enter Quantity at 'Sanctioned Quantity' text field.
- Enter Amount at 'Technical Sanctioned Rate' text field.

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

- On saving the record, system computes Sanctioned Amount by multiplying Technical Sanctioned Rate with Sanctioned Quantity.
- Click on Cancel button  to cancel the open grid

Back

Back

- Click on Back button.
- System redirects user to Closure Work Plan Details screen.



Add Work Progress

- After clicking on add progress icon at any record of Closure Work, System redirects the user to add work progress screen


Closure Operations

Add Work Progress

Closure Work Plan Title Closure Work Plan for Balloki Division	Year 2016-2017
Closure Work Name Desilting of Civil Station Silt Minor	Division Balloki
Closure Work Type Desilting	Previous Progress (%) 100
Previous Progress Dated 28-Feb-2017	

Inspection Date	 12-Apr-2017 	Work Status	In Progress										
Approximate Progress (%)	<input type="text"/>												
Quantity of Silt Removed (cft)	<input type="text"/>	Length of Channel Desilted (ft)	<input type="text"/>										
Attachment	<table><tr><td>Choose File</td><td>No file chosen</td></tr><tr><td>Choose File</td><td>No file chosen</td></tr><tr><td>Choose File</td><td>No file chosen</td></tr><tr><td>Choose File</td><td>No file chosen</td></tr><tr><td>Choose File</td><td>No file chosen</td></tr></table>	Choose File	No file chosen	Choose File	No file chosen	Choose File	No file chosen	Choose File	No file chosen	Choose File	No file chosen	Remarks	<input type="text"/>
Choose File	No file chosen												
Choose File	No file chosen												
Choose File	No file chosen												
Choose File	No file chosen												
Choose File	No file chosen												

Inspection Date

Inspection Date  12-Apr-2017 

- Enter the date from 'Inspection Date' calendar



Work Status

Work Status

In Progress

- Enter the 'Work Status' 'from Dropdown

Approximate Progress (%)

Approximate
Progress (%)

- Enter the 'Approximate percentage 'at text field

Quantity of Silt to be Removed (cft)

Quantity of Silt
Removed (cft)

- Enter the quantity of silt to be removed at text field

Length of Channel Desilted (ft)

Length of
Channel
Desilted (ft)

- Enter the 'Length of Channel Desilted'at text field

Attachments

Attachment

Choose File	No file chosen
Choose File	No file chosen
Choose File	No file chosen
Choose File	No file chosen
Choose File	No file chosen

- Enter the file/picture of require 'Attachment' from button.
- User can add up to five attachments

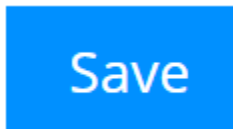


Remarks

Remarks

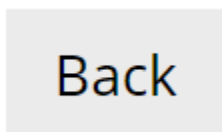
- Enter the 'Remarks' at text area

Save



- Click on save button.
- System saves the details in database.

Back



- Click on Back button.
- System redirects user to annual closure work plan search screen.

Progress History

- After clicking on progress history icon at any record of Closure Work screen, System redirects the user to progress history screen

Closure Operations

Progress History

Closure Work Plan Title

Closure Work Plan for Balloki Division

Closure Work Name

Desilting of Civil Station Silt Minor

Closure Work Type

Desilting

Year

2016-2017

Division

Balloki

Work Status

All

Inspected by

XEN

From Date

02-Apr-2017

To Date

12-Apr-2017

Search

Back

Inspection Date	Inspected By	Work Status	Progress (%)	
06-Apr-2017	XEN WT (XEN)	In Progress	100	



Work Status

Work Status

- Enter the 'Work Status' 'from Dropdown

Inspected by

Inspected by

- Enter 'Inspected by' 'from Dropdown

From Date

From Date

- Enter the date from 'Start Date' calendar

To Date

To Date

- Enter the date from 'End Date' calendar

Search

Search

- Click on search button
- System shows relevant details based on selection criteria.


Back

Back

- Click on Back button.
- System redirects user to Closure Work Plan Details screen.

Search Result



Inspection Date	Inspected By	Work Status	Progress (%)	
06-Apr-2017	XEN WT (XEN)	In Progress	100	

Actions against retrieved data



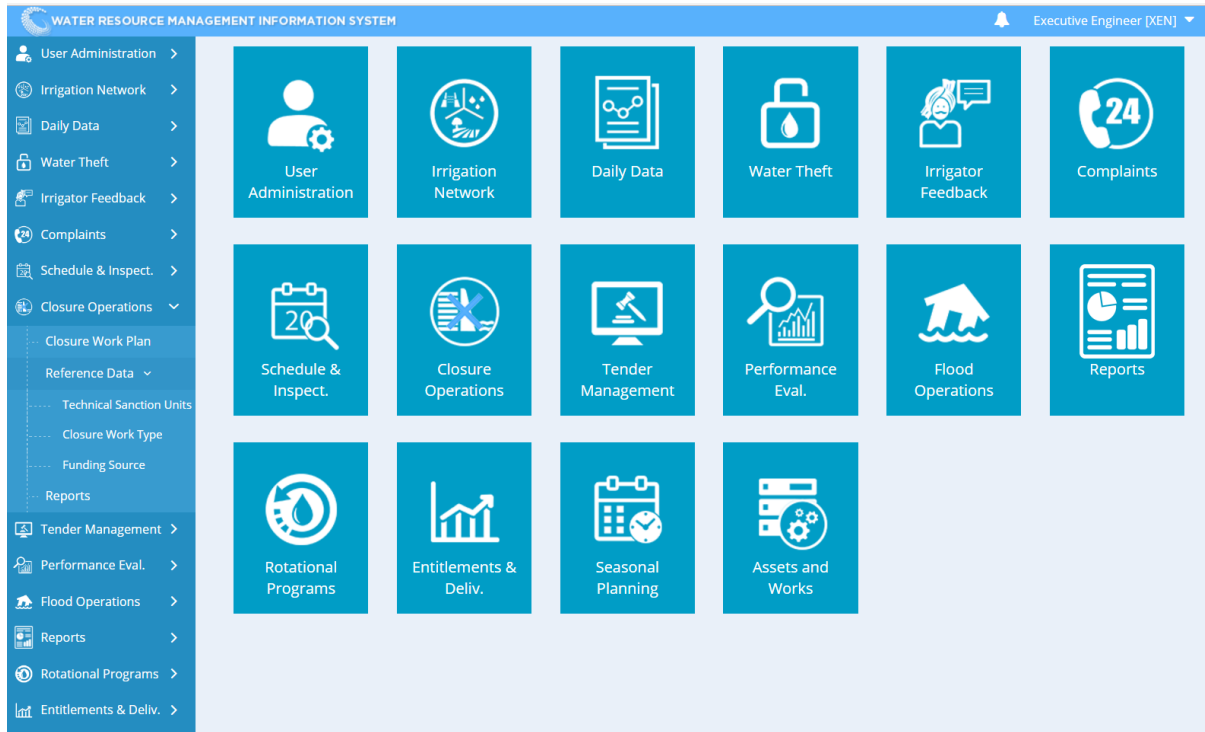
- Click on 'View' icon to view details of the progress in read-only form.

3 Reference Data

The reference data section of this module has three screens:

- Technical Sanctioned Units
- Closure Work Types
- Funding Source

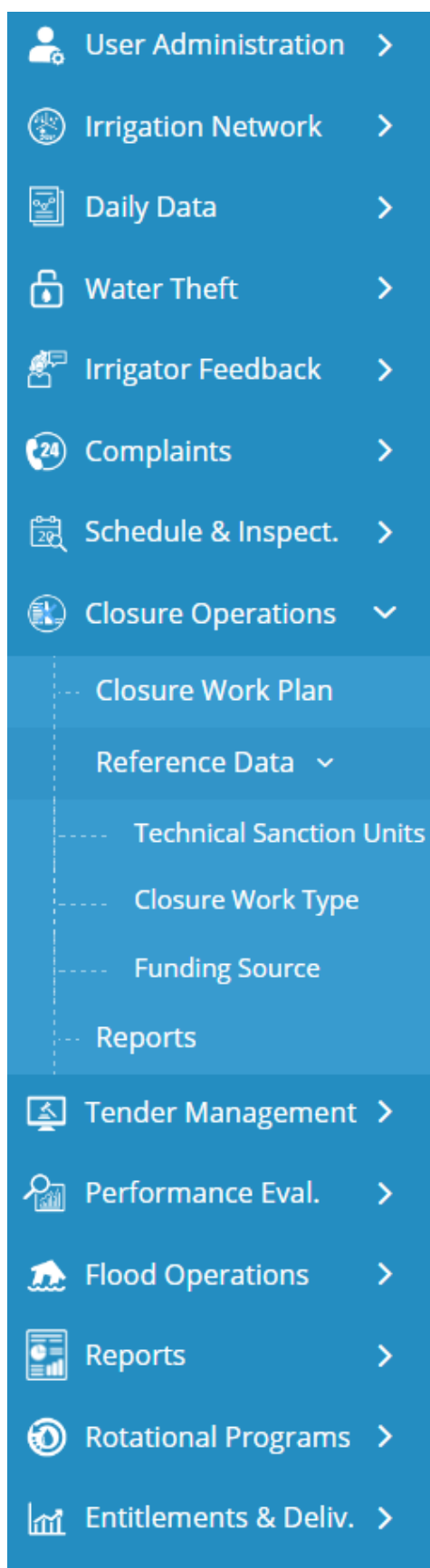
Activate Users: All Authorized Users



- Click on Reference Data through Closure Operations present on left menu or search screen
- System shows three sub options of reference data.
- User clicks at any option.
- System redirects user to relevant reference data main screen.



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








Technical Sanctioned Units





- After clicking on technical sanctioned units option, System redirects the user to technical sanctioned units screen



Closure Operations			
Technical Sanction Units			
Unit	Description	Active	
KGs		True	 
% Cft		True	 
Sft	Square Feet	True	 
Numbers		True	 
Rft		True	 
Set	Set	True	 


Actions

- Click on  button to edit details against unit

Unit	Description	Active	
<input type="text" value="KGs"/>	<input type="text" value="Enter Description"/>	<input checked="" type="checkbox"/>	 

- Enter unit at 'Units' text field
- Enter description at 'description' text field
- Select 'Active' Checkbox
- Click on Save  button , system checks for the mandatory field & if any field is missing system display a message
- Click on Cancel button  to cancel the open grid
- Click on 'Delete' icon  to delete Sanctioned Unit.
- Click on  button to add details against unit

<input type="text" value="Enter Unit"/>	<input type="text" value="Enter Description"/>	<input checked="" type="checkbox"/>	 
---	--	-------------------------------------	---

- Enter unit at 'Units' text field
- Enter description at 'description' text field
- Select 'Active' Checkbox
- Click on Save  button , system checks for the mandatory field & if any field is missing system display a message












- Click on Cancel button  to cancel the open grid.

Closure Work Type

- After clicking on Closure Work Type option, System redirects the user to closure work type screen



Closure Operations



Closure Work Type


Closure Work Type	Description	Active	
Desilting	Desilting	True	
Electrical/ Mechanical	Electrical/Mechanical	True	
Building Works	Building Works	True	
Oiling/ Greasing/Painting	Oiling/Greasing/Painting	True	
Outlet Repairing	Outlet Repairing	True	
Channel Structure Work	Channel Structure Work	True	
Stone Work	Restoration of Stone	True	 
Other Work	Other Work	True	 



Actions

- Click on  button to edit details against work type.



Closure Work Type	Description	Active	
<input type="text" value="Desilting"/>	<input type="text" value="Desilting"/>	<input checked="" type="checkbox"/>	 

- Enter work type at 'Work Type' text field
- Enter description at 'description' text field
- Select 'Active' Checkbox
- Click on Save  button , system checks for the mandatory field & if any field is missing system display a message
- Click on Cancel button  to cancel the open grid

- Click on  button to add details against Work Type





<input type="text" value="Enter Closure Work Type"/>	<input type="text" value="Enter Description"/>	<input checked="" type="checkbox"/>	 
--	--	-------------------------------------	---

- Enter work type at 'Work Type' text field
- Enter description at 'description' text field


- Select 'Active' Checkbox
- Click on Save  button , system checks for the mandatory field & if any field is missing system display a message
- Click on Cancel button  to cancel the open grid.



Funding Source





- After clicking on Funding Source option, System redirects the user to funding source screen



Closure Operations				
Funding Source				
Funding Source	Funding Type	Description	Active	
Fixed	Fixed		True	 
Not Fixed	Not Fixed		True	 

Actions



- Click on  button to edit details against Source

Funding Source	Funding Type	Description	Active	
<input type="text" value="Fixed"/>	<input type="text" value="Fixed"/>	<input type="text" value="Enter Description"/>	<input checked="" type="checkbox"/>	 

- Enter Source at 'Funding Source' Text field
- Enter Type at 'Funding Type' Dropdown
- Enter description at 'description' text field
- Select 'Active' Checkbox
- Click on Save  button , system checks for the mandatory field & if any field is missing system display a message
- Click on Cancel button  to cancel the open grid
- Click on 'Delete' icon  to delete Sanctioned Unit.
- Click on  button to add details against source.

<input type="text" value="Enter Funding Source"/>	<input type="text" value="Select"/>	<input type="text" value="Enter Description"/>	<input checked="" type="checkbox"/>	 
---	-------------------------------------	--	-------------------------------------	---



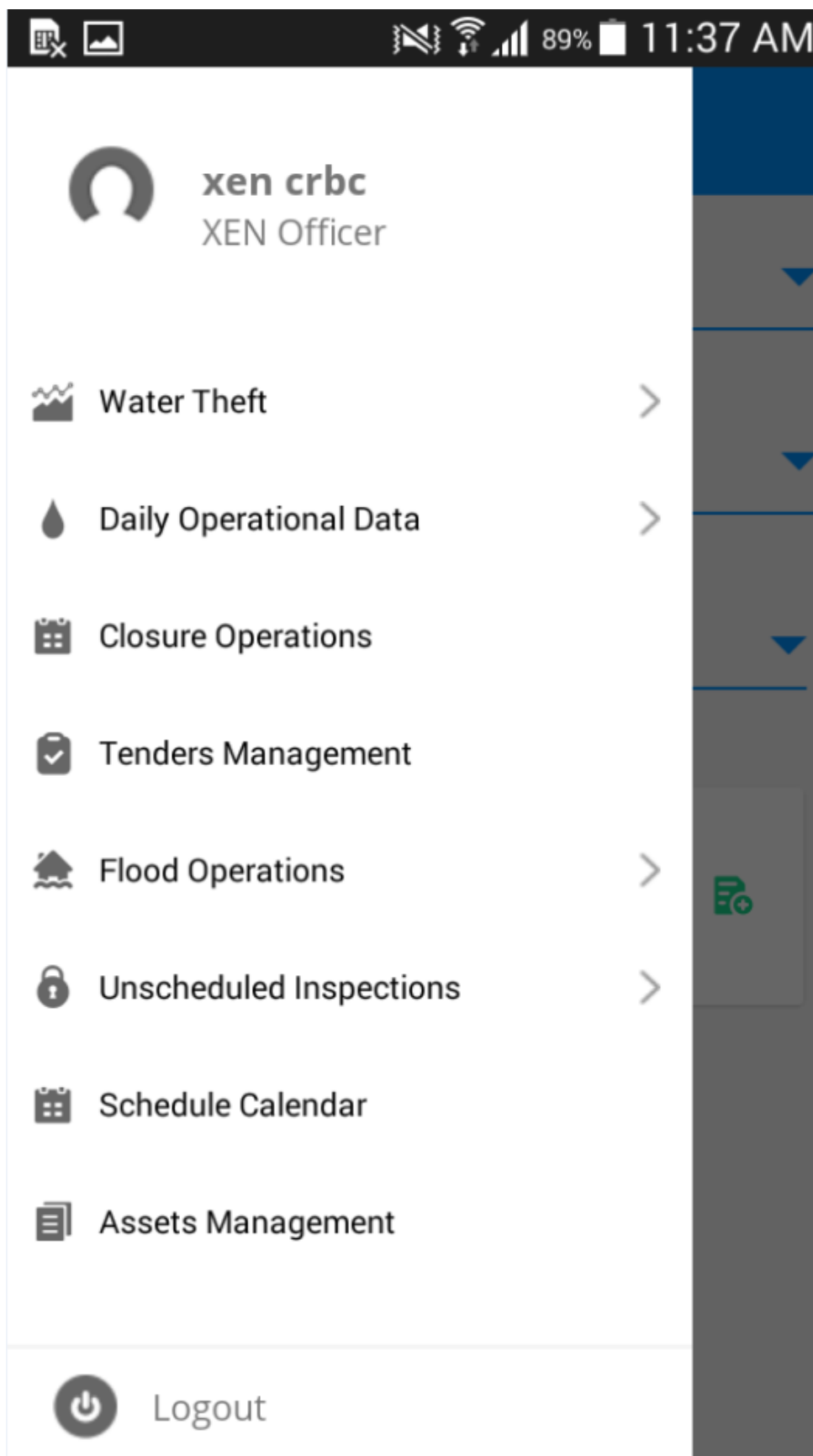
- Enter Source at 'Funding Source' Text field
- Enter Type at 'Funding Type' Dropdown
- Enter description at 'description' text field
- Select 'Active' Checkbox
- Click on Save  button , system checks for the mandatory field & if any field is missing system display a message
- Click on Cancel button  to cancel the open grid.



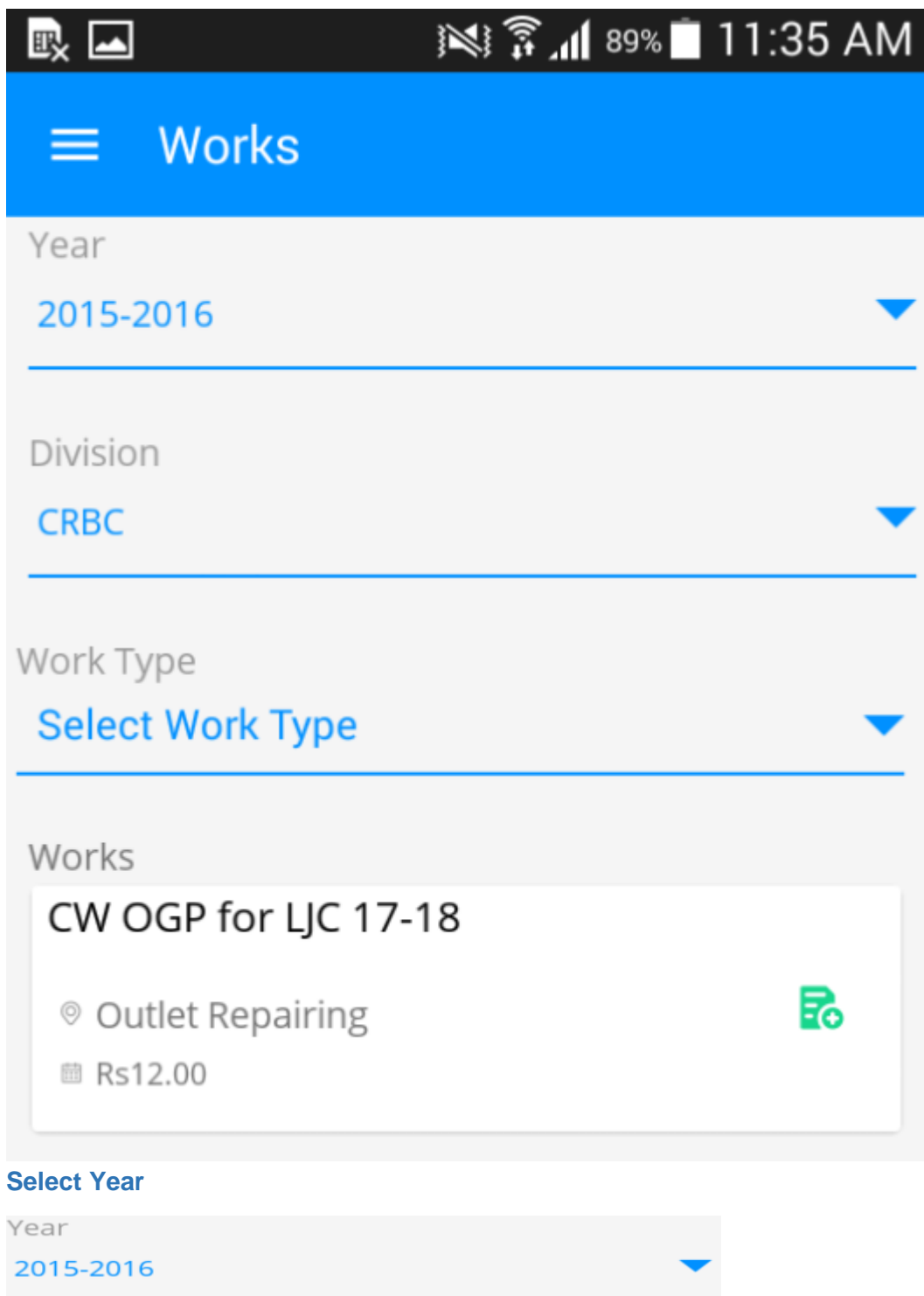
4 Closure Operations (Android App)

Activate Users: XEN, ADM, SE, CE, Other Users

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



- At selection of closure operations application shows closure works screen as shown below.



- Select Year from drop down



Select Division

Select Division ▼

- Select division from drop down

Work Type

Work Type
Select Work Type ▼

- Select Work type from drop down
- Application shows relevant results of works according to selection criteria as shown above.

Work Name

Desilting Closure Work 2017

Desilting

Rs48,000.00

- Click on Work Name to add the progress of a work.
- System redirects to Add Work Progress screen

Add Progress of a Closure Work – Android Application

- For the Closure Work whose type is Desilting, it has a few extra fields capturing the details of desilting.

← Work Progress

Desilting Closure Work 2017

Desilting

Work Progress Updated to 20.0% on 21-Apr-2017

Approximate Progress Percentage

Quantity of Silt Removed

Length of Channel Desilted (ft)

Select Work Status

Actual Start



Remarks



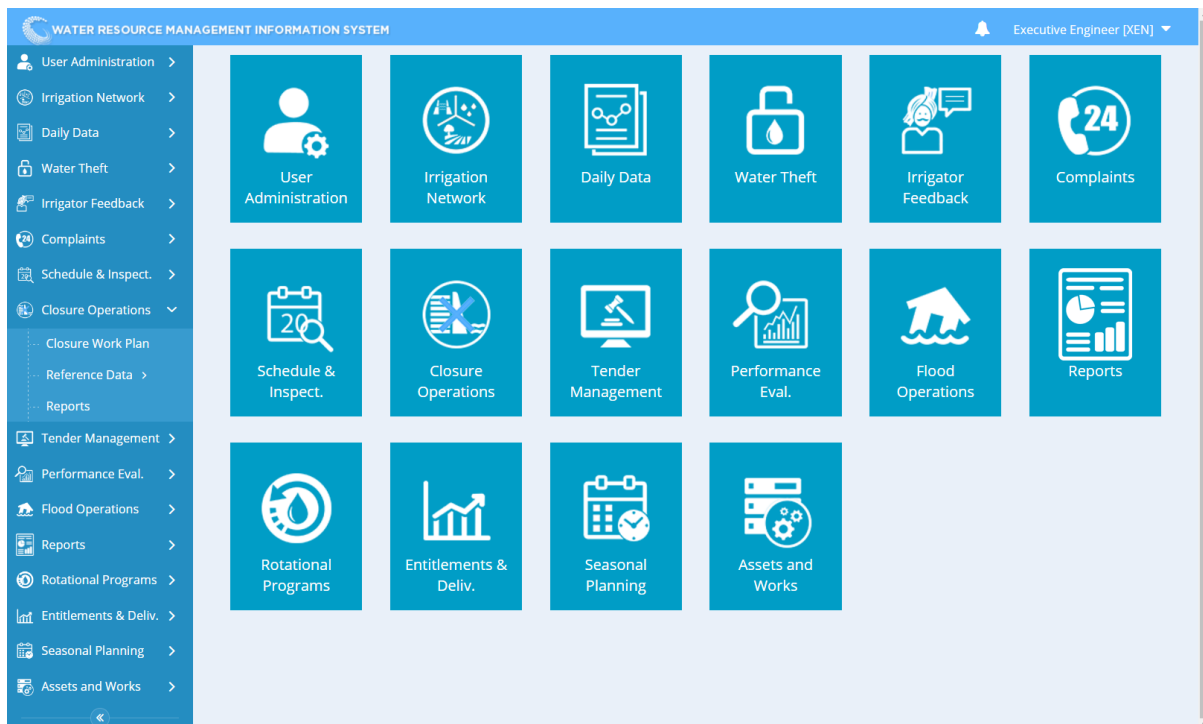
- Enter Approximate Progress Percentage
- Enter Quantity of Silt Removed
- Enter Length of Channel Desilted
- Select the Work Status
- Enter Remarks
- Attach a photo
- Click on Submit button.

For the Closure Work of all other types, to add a progress only a few parameters are entered.

- Enter Approximate Progress Percentage
- Select the Work Status
- Enter Remarks
- Attach a photo
- Click on Submit button.

5 Reports

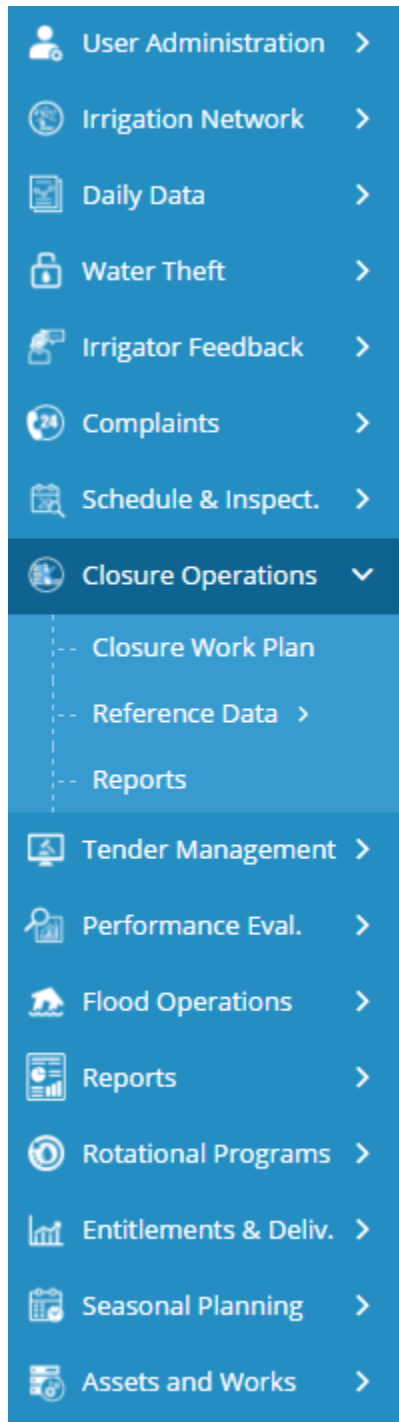
Activate Users: SDO, XEN, SE, CE, PMIU Data Analyst, Chief PMIU, Secretary Irrigation and all other authorized users



- Click on Reports through Closure Operations present on left menu of search screen
- System redirects user to Reports main screen.



How to Access: Main Menu -> Closure Operations - > Reports





Closure Works Progress Report

Zone: Circle: Division:
 Period: Work Type: Work Status:

View

1 of 1 Find | Next



Programme Monitoring & Implementation Unit (PMIU)

Irrigation Department, Government of the Punjab

Ph: 92-42-99213595-7 Fax: 92-42-99213598

Email: pmiuid@yahoo.com



CLOSURE WORK PROGRESS

Zone: LBDC IP, Circle: LBDC Division: Balloki

Division	Closure Work Type	Closure Work Name	Approximate Percentage	Work Status	Actual Start Date	Actual End Date
Balloki	Desilting	Desilting of Civil Station Silt Minor	0%	Not Started	15,Mar,2017	15,May,2017
Balloki	Desilting	Desilting of Civil Station Silt Minor	10%	In Progress	15,Mar,2017	15,May,2017
Balloki	Desilting	Desilting of Civil Station Silt Minor	11.2%	Actual Start	15,Mar,2017	15,May,2017
Balloki	Desilting	Desilting of Civil Station Silt Minor	12%	In Progress	15,Mar,2017	15,May,2017
Balloki	Desilting	Desilting of Civil Station Silt Minor	100%	Completed	15,Mar,2017	15,May,2017
Balloki	Electrical/ Mechanical	Electrical / Mechanical Closure Work for Balloki division	40%	In Progress	15,Mar,2017	15,May,2017
Balloki	Electrical/ Mechanical	Electrical / Mechanical Closure Work for Balloki division	50%	In Progress	15,Mar,2017	15,May,2017
Balloki	Electrical/ Mechanical	Electrical / Mechanical Closure Work for Balloki division	55%	In Progress	15,Mar,2017	15,May,2017
Balloki	Desilting	Desilting of Civil Station Silt Minor	100%	Completed	15,Mar,2017	15,May,2017
Kasur	Electrical/ Mechanical	Structure Closure Work	50%	Actual Start		
Kasur	Electrical/ Mechanical	Structure Closure Work	10%	Actual Start		
Kasur	Channel Structure Work	Other Channel Structure Work	10%	Actual Start	30,Mar,2017	
Kasur	Electrical/ Mechanical	Structure Closure Work	51%	Actual Start		
Khanwah	Desilting	Desilting Closure Work for Khanwah Division	10%	Actual Start	05,Apr,2017	20,Apr,2017
Khanwah	Desilting	Desilting Closure Work for Khanwah Division	30%	Actual Start	05,Apr,2017	20,Apr,2017
Khanwah	Desilting	Desilting Closure Work for Khanwah Division	35%	In Progress	05,Apr,2017	20,Apr,2017
Balloki	Desilting	Desilting of Civil Station Silt Minor	100%	In Progress	15,Mar,2017	15,May,2017

Report By: Executive Engineer [XEN]

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Zone

Zone

- Select Zone from Dropdown





Circle

Circle

- Select Circle from Dropdown

Division

Division

- Select Division from Dropdown

Period

Period

- Select Period from Dropdown

Work Type

Work Type

- Select Work Type from Dropdown

Work Status

Work Status

- Select Work Status from Dropdown

View

[View](#)

- Click on View button , System checks for mandatory fields
- System shows relevant Report based on selection criteria.



[View Result](#)



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CLOSURE WORK PROGRESS

Zone: LBDC IP, Circle: LBDC Division: Balloki

Division	Closure Work Type	Closure Work Name	Approximate Percentage	Work Status	Actual Start Date	Actual End Date
Balloki	Desilting	Desilting of Civil Station Silt Minor	0%	Not Started	15,Mar,2017	15,May,2017
Balloki	Desilting	Desilting of Civil Station Silt Minor	10%	In Progress	15,Mar,2017	15,May,2017
Balloki	Desilting	Desilting of Civil Station Silt Minor	11.2%	Actual Start	15,Mar,2017	15,May,2017
Balloki	Desilting	Desilting of Civil Station Silt Minor	12%	In Progress	15,Mar,2017	15,May,2017
Balloki	Desilting	Desilting of Civil Station Silt Minor	100%	Completed	15,Mar,2017	15,May,2017
Balloki	Electrical/ Mechanical	Electrical / Mechanical Closure Work for Balloki division	40%	In Progress	15,Mar,2017	15,May,2017
Balloki	Electrical/ Mechanical	Electrical / Mechanical Closure Work for Balloki division	50%	In Progress	15,Mar,2017	15,May,2017
Balloki	Electrical/ Mechanical	Electrical / Mechanical Closure Work for Balloki division	55%	In Progress	15,Mar,2017	15,May,2017
Balloki	Desilting	Desilting of Civil Station Silt Minor	100%	Completed	15,Mar,2017	15,May,2017
Kasur	Electrical/ Mechanical	Structure Closure Work	50%	Actual Start		
Kasur	Electrical/ Mechanical	Structure Closure Work	10%	Actual Start		
Kasur	Channel Structure Work	Other Channel Structure Work	10%	Actual Start	30,Mar,2017	
Kasur	Electrical/ Mechanical	Structure Closure Work	51%	Actual Start		
Khanwah	Desilting	Desilting Closure Work for Khanwah Division	10%	Actual Start	05,Apr,2017	20,Apr,2017
Khanwah	Desilting	Desilting Closure Work for Khanwah Division	30%	Actual Start	05,Apr,2017	20,Apr,2017
Khanwah	Desilting	Desilting Closure Work for Khanwah Division	35%	In Progress	05,Apr,2017	20,Apr,2017
Balloki	Desilting	Desilting of Civil Station Silt Minor	100%	In Progress	15,Mar,2017	15,May,2017

Report By: Executive Engineer [XEN]

Report Time: 13-Apr-2017 09:55 AM

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