



WRMIS User Manual

WATER THEFT

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

Version 1.0

NESPAK

4-Oct-16





Revision History

Version	Date	By	Summary of Changes
1.0	04-Oct-16	NESPAK	Initial Draft



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1. Water Theft

This module provides an interface to add and maintain water theft cases through website and mobile app. In addition to it, it also provides an interface to search for any water theft cases in the past.

- A Water Theft Case is logged through the following
 - Web
 - Android
- Once the case is logged through any of the above mentioned source, it is assigned to SBE directly with an auto generated case ID. The Case ID would be used for the effective search of Water theft cases in the searching.
- SBE will do his working by entering case initial information and then assign the case to SDO
- Once Assigned to SDO , SDO will enter his case related information and assign it Ziladar
- Ziladar will enter his inputs and assign it back to SDO for Tawan working
- SDO will enter the Tawan working and will assign the case to XEN
- XEN will finalize and close the case.
- Once the case is closed, the Chief or SE would be able to process appeal against the case or they can simply assign it back to the XEN with their comments. In both cases the case would be assigned back to XEN after entering comments.

Business User: SBE, SDO, XEN, Ziladar, Chief Irrigation, SE, MA, ADM

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

Pre-Requisite: Water Theft Role and Rights should be assigned to respective user correctly.



WATER RESOURCE MANAGEMENT INFORMATION SYSTEM

Executive Engineer [XEN] ▾

User Administration >

Irrigation Network >

Daily Data >

Water Theft >

Search Water Theft

Add Water Theft

Search Breach

Reference Data >

Reports

Irrigator Feedback >

Complaints >

Schedule & Inspect. >

Closure Operations >

Tender Management >

Performance Eval. >

Flood Operations >

Reports >

Rotational Programs >

Entitlements & Deliv. >

Seasonal Planning >

Assets and Works >

Effluent & W.Charges >

Auctions >

Small Dams >

Public Website >

wrmis-qa.nespak.com/Default.aspx#

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



2. Water Theft Identification

Through 'Water Theft Identification' screen, user can select Offence Site to add water theft both for Channels and Outlets.

How to Access: Main Menu -> Add Water Theft



WATER RESOURCE MANAGEMENT

- User Administration >
- Irrigation Network >
- Daily Data >
- Water Theft
 - Search Water Theft
 - Add Water Theft
 - Search Breach
 - Reference Data >
 - Reports
- Irrigator Feedback >
- Complaints >
- Schedule & Inspect. >
- Closure Operations >
- Tender Management >
- Performance Eval. >
- Flood Operations >
- Reports >
- Rotational Programs >
- Entitlements & Deliv. >
- Seasonal Planning >



Offence Site 1

Offence Site Select

1

Offence Site

Select

- Select 'Offense Site' from the drop down.
- 'Offence Site' is a required field.
- On selection of 'Offence Site', Add Channel/Outlet Incident screen appears.



3. Add Channel Incident

User adds the Channel Incident information into the system from this screen.

Offence Site 1
Offence Site → Channel

Division 2
Division → Punjab Headworks

Channel 3
Channel → Select

R.D. (ft) 4
R.D. → [Input Field] + [Input Field] R.D.

Side 5
Side → Select

Offence Type 6
Offence Type → Select

Checking Date 7
Checking Date → 04-Oct-2016

Checking Time 8
Checking Time → 04:32 PM

Condition of Cut 9
Condition of Cut → Select

Comments 10
Comments → [Text Area]

Attachments 11
Attachments → [Browse...], [Browse...], [Browse...], [Browse...], [Browse...]

Save 12
Save → [Button]

Back 13
Back → [Button]

1

Offence Site

Channel

- Select 'Offense Site' from the drop down.
- 'Offense Site' is a required field for saving Channel Incident record.
- On selection of 'Offence Site', Add Channel/Outlet Incident screen appears.

2

Division

Punjab Headworks

- If the user is associated to only one division then it will show that particular division only in disabled form.
- 'Division' is a required field for saving Channel Incident record.
- For XEN, more than one divisions can populate.
- User (XEN) can select the 'Division' from the drop down.

3

Channel





Select



- Only Channels assigned to the user from the irrigation Network against his role would available in the dropdown.
- Select 'Channel' from the drop down.
- 'Channel' is a required field for saving Channel Incident record.

4

R.D. (ft.)

+

 R.D.

- Enter Left Side R.D. and Right Side R.D. values in the text fields.
- Enter values in feet.
- The RD that is entered must lie in the range of the RD's in the Users jurisdiction.
- 'RD' is a required field for saving Channel Incident record.

5

Side

Select



- Select 'Side' from the drop down.
- 'Side' is a required field for saving Channel Incident record.

6

Offence Type

Select



- Select 'Offence Type' from the drop down.
- Condition of Cut drop down enables in case Offence Type is selected as 'Cut' otherwise it will be disabled.
- 'Offence Type' is a required field for saving Channel Incident record.

7

Checking Date



04-Oct-2016



- By default, current date appears in the 'Checking Date' text field.
- To select other date, click on Checking Date text filed.
- Date calendar appears, select date from the date calendar.
- To remove the date, click on Cross button along with Checking Date text field.
- 'Checking Date' is a required field for saving Channel Incident record.





8

Checking Time

04	:	32	:	PM
----	---	----	---	----

- By default, current time appears in the ‘Checking Time’ text field.
- Select Hours, Minutes and Time convention from the drop downs.
- ‘Checking Time’ is a required field for saving Channel Incident record.

9

Condition of Cut

Select	
--------	--

- By default, Condition of Cut drop down is disabled.
- Select ‘Condition of Cut’ from the drop down incase Offence Type is selected as ‘Cut’.
- When enabled, ‘Condition of Cut’ is a required field for saving Channel Incident record.

10

Comments

- Enter ‘Comments’ in the text area field.
- ‘Comments’ is a required field for saving Channel Incident record.

11

Attachments

<input type="text"/>	Browse...

- Click on ‘Browse’ button.
- A dialogue box will open, select the file and click ‘Open’ button.
- The file name will appear in the text field.
- User is able to upload multiple photos against a case.
- ‘Attachments’ is a required field for saving Channel Incident record.





12

Save

Save

- Click on 'Save' button, system verify all the required fields.
- If the PMIU Staff(MA,ADM) has logged a Water theft case against specific parameters and then after that SBE logs the case on the same day with all the same parameter but with a difference of 100 Ft RD(+-) then the case of SBE would not be entered.
- System saves the data into the database & displays a message "Records saved successfully" and a Case ID is generated.
- Relevant users will get a Notification once the system has received the case is logged in the application.
- The Case logged here is assigned to the relevant SBE.

13

Back

Back

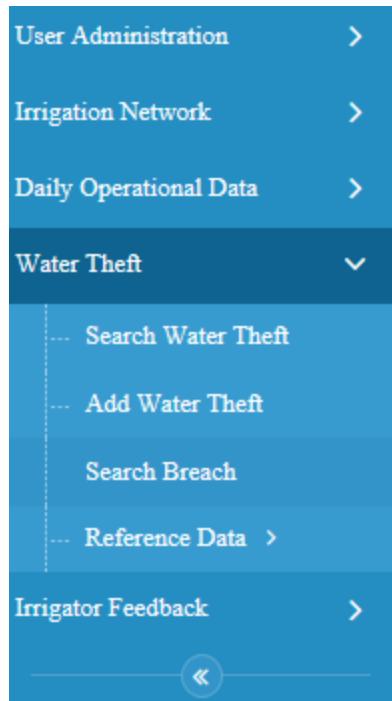
- By clicking on the 'Back' button, system moves the user to Water Theft Identification screen.



4. Add Outlet Incident

User adds the Outlet Incident information into the system from this screen.

How to Access: Left Menu -> Add Water Theft -> Water Theft Identification -> Outlet Incident





1

Offence Site

Outlet

- Select 'Offense Site' from the drop down.
- 'Offense Site' is a required field for saving Outlet Incident record.
- On selection of 'Offence Site', Add Channel/Outlet Incident screen appears.

2

Division

Punjab Headworks

- If the user is associated to only one division then it will show that particular division only in disabled form.
- 'Division' is a required field for saving Outlet Incident record.
- For XEN, more than one divisions can populate.
- User (XEN) can select the 'Division' from the drop down

3

Channel

Select

- Only Channels assigned to the user from the irrigation Network against his role would available in the dropdown.
- Select 'Channel' from the drop down.
- On selection of Channels, relevant outlets will populate in the Outlet drop down.
- 'Channel' is a required field for saving Outlet Incident record.





4

Outlet

- Select 'Outlet' from the drop down.
- 'Outlet' is a required field for saving Outlet Incident record.
- On selection of 'Outlet', its Type, RD and Side information is displayed in read only form.

Type	Open Flume Outlets	RD	170+004
Side	L		

5

Checking Date

	07-Sep-2016	
--	-------------	--

- By default, current date appears in the 'Checking Date' text field.
- To select other date, click on Checking Date text filed.
- Date calendar appears, select date from the date calendar.
- To remove the date, click on Cross button along with Checking Date text field.
- 'Checking Date' is a required field for saving Outlet Incident record.

6

Checking Time

10		:	51			
----	--	---	----	--	--	--

- By default, current time appears in the 'Checking Time' text field.
- Select Hours, Minutes and Time convention from the drop downs.
- 'Checking Time' is a required field for saving Outlet Incident record.

7

Theft Type

Select	
--------	--

- Select 'Theft Type' from the drop down.
- Enabled by default. Theft type drop down disabled if the value in Outlet Condition is Defective.
- When Enabled, 'Theft Type' is a required field for saving Outlet Incident record.

8

Outlet Condition





Select



- Select 'Outlet Condition' from the drop down.
- 'Outlet Condition' is a required field for saving Outlet Incident record.

9

Value of H

- Select 'Value of H' from the drop down.
- 'Value of H' is a required field for saving Outlet Incident record.

10

Defective Type

Select



- Select 'Defective Type' from the drop down.
- Disabled by default. Only enable if the value in Outlet Condition is Defective.
- On selection of Outlet Condition is Defective, Theft Type dropdown gets disabled.
- When enabled, 'Defective Type' is a required field for saving Outlet Incident record.

11

Value of B

- Enter 'Value of B' in the text field
- Disabled by default. Only enables if the value in Outlet Condition is Defective.
- This field is mandatory if the defective type is following
 - Due to high B as DOB
 - Due to low B as DOB

12

Value of Y

- Enter 'Value of Y' in the text field
- Disabled by default. Only enables if the value in Outlet Condition is Defective.
- This field is mandatory if the defective type is following
 - Due to high Y as DOY
 - Due to low Y as DOY





13

Value of DIA

- Enter 'Value of DIA' in the text field
- Disabled by default. Only enables if the value in Outlet Condition is Defective.
- This field is mandatory if the defective type is following
 - Due to high DIA as DOD
 - Due to low DIA as DOD

14

Comments

- Enter 'Comments' in the text area field.
- 'Comments' is a required field for saving Outlet Incident record.

15

Photos

<input type="text"/>	Browse...

- Click on 'Browse' button.
- A dialogue box will open, select the file and click 'Open' button.
- The file name will appear in the text field.
- User is able to upload multiple photos against a case.
- 'Photos' is a required field for saving Outlet Incident record.

16

Save

Save

- Click on 'Save' button, system verify all the required fields.





- If the PMIU Staff(MA,ADM) has logged a Water theft case against specific parameters and then after that SBE logs the case on the same day with all the same parameter but with a difference of 100 Ft RD(+-) then the case of SBE would not be entered.
- System saves the data into the database & displays a message “Records saved successfully” and a Case ID is generated.
- Relevant users will get a Notification once the system has received the case is logged in the application.
- The Case logged here is assigned to the relevant SBE.

17

[Back](#)

[Back](#)

- By clicking on the ‘Back’ button, system moves the user to Water Theft Identification screen.

5. Search Water Theft

Through ‘Search Water Theft’ screen user can search already saved cases. System displays list of water theft cases based on selected search parameters. For example, upon selecting Division and its respective Channel, system will display list of cases against selected Division and Channel. Against each record, ‘View and Print’ buttons are displayed and system will navigate user to the respective screen.

How to Access: Left Menu -> Search Water Theft



- [User Administration >](#)
- [Irrigation Network >](#)
- [Daily Operational Data >](#)
- [Water Theft >](#)
 - [Search Water Theft](#)
 - [Add Water Theft](#)
 - [Search Breach](#)
 - [Reference Data >](#)
- [Irrigator Feedback >](#)

Search Water Theft

Case ID	Channel	Type of Offence	Reduced Distance (RD)	Offence Site	Incident Date	Status	Assigned To	Action
WT000127	Abbassia Link Canal	Cut	170+004	Outlet	19-Sep-2016	In Progress	SBE	
WT000126	Abbassia Link Canal	Cut	177+777	Channel	19-Sep-2016	In Progress	SBE	
WT000125	Abbassia Feeder	Cut	5+005	Channel	15-Sep-2016	In Progress	SBE	
WT000124	Abbassia Feeder	Daffi	5+123	Channel	15-Sep-2016	In Progress	SBE	
WT000123	Abbassia Feeder	Takki	2+001	Channel	15-Sep-2016	In Progress	SBE	
WT000122	Abbassia Feeder	Takki	3+007	Channel	15-Sep-2016	In Progress	SBE	
WT000121	Abbassia Feeder	Takki	3+002	Channel	15-Sep-2016	In Progress	SBE	
WT000120	Abbassia Link Canal	Daffi	156+055	Channel	15-Sep-2016	In Progress	SBE	
WT000119	Abbassia Link Canal	Cut	170+700	Channel	09-Sep-2016	In Progress	SBE	
WT000115	Abbassia Link Canal	Cut	170+000	Channel	09-Sep-2016	In Progress	SBE	

Search

1 Select Division 2 Select Channel
3 Status 4 Assigned To
5 Offence Site 6 Type of Offence
7 Case ID 8 SBE Canal Wire #
9 From Date 10 To Date
11 Search 12 View 13 Print
14 Page Numbers



Search Criteria

1

Select Division

Punjab Headworks



- If the user is associated to only one division then it will show that particular division only in disabled form.
- For XEN, more than one divisions can populate.
- User (XEN) can select the 'Division' from the drop down

2

Select Channel

All



- Only Channels assigned to the user from the irrigation Network against his role would available in the dropdown.
- Select 'Channel' from the drop down.
- On selection of Channels, relevant outlets will populate in the Outlet drop down.

3

Status

All



- Select 'Status' from the drop down.

4

Assigned To

All



- Select 'Assigned To' from the drop down.

5

Offence Site

All



- Select 'Offense Site' from the drop down.

6

Type of Offence

All





- Select 'Type of Offence' from the drop down.

7

Case ID

WTXXXXXX

- Enter 'Case ID' in the text field.
- Enter case ID in the 'WTXXXXXX' format.

8

SBE Canal Wire

- Enter 'SBE Canal Wire #' in the text field if logged in user is SDO.
- Enter 'SDO Canal Wire #' in the text field if logged in user is XEN.
- Enter 'XEN Canal Wire #' in the text field if logged in user is Chief Monitoring or SE.

9

From Date

06-Sep-2016 

- By default, previous date appears in the 'From Date' text field.
- To select other date, click on From Date text filed.
- Date calendar appears, select date from the date calendar.
- To remove the date, click on Cross button along with From Date text field.

10

To Date

07-Sep-2016 

- By default, current date appears in the 'To Date' text field.
- To select other date, click on To Date text filed.
- Date calendar appears, select date from the date calendar.
- To remove the date, click on Cross button along with To Date text field.

11

Search

Search

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





- The logged in user can only see the water theft that are in the divisions/channels he has been assigned to.
- All those cases which are assigned to the logged in user would be marked in red.
- The user will only be able to edit the details screens of water thefts that are currently assigned to him.
- User can only view the case details which has not been assigned to him.

Case ID	Channel	Type of Offence	Reduced Distance (RD)	Offence Site	Incident Date	Status	Assigned To	Action
WT000127	Abbassia Link Canal		170+004	Outlet	19-Sep-2016	In Progress	SBE	
WT000126	Abbassia Link Canal	Cut	177+777	Channel	19-Sep-2016	In Progress	SBE	
WT000125	Abbassia Feeder	Cut	5+005	Channel	15-Sep-2016	In Progress	SBE	
WT000124	Abbassia Feeder	Daffl	5+123	Channel	15-Sep-2016	In Progress	SBE	
WT000123	Abbassia Feeder	Takki	2+001	Channel	15-Sep-2016	In Progress	SBE	
WT000122	Abbassia Feeder	Takki	3+007	Channel	15-Sep-2016	In Progress	SBE	
WT000121	Abbassia Feeder	Takki	3+002	Channel	15-Sep-2016	In Progress	SBE	
WT000120	Abbassia Link Canal	Daffl	156+055	Channel	15-Sep-2016	In Progress	SBE	
WT000119	Abbassia Link Canal	Cut	170+700	Channel	09-Sep-2016	In Progress	SBE	
WT000115	Abbassia Link Canal	Cut	170+000	Channel	09-Sep-2016	In Progress	SBE	

1 2 3 4 5 6

Actions against retrieved data

12

View



- Click on 'View' icon to view the case details.

13

Print



- Click on 'Print' icon to print the record.

14

Page Numbers





1 2 3 4 5 6 7

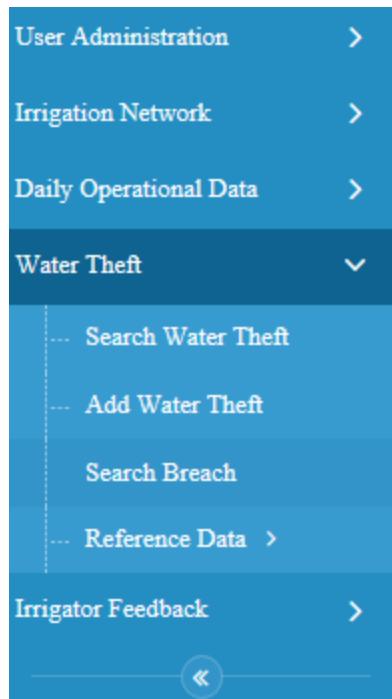
- Click on a page number to move to a specific page.



6. SBE Working

Through 'SBE Working' screen, SBE views the parent information, view remarks history and attachments. SBE can do his working and assign the case to SDO.

How to Access: Left Menu -> Search Water Theft





Case ID: 1 Case ID: WT000091 Case Status: In Progress 2 Case Status

Parent Information 3

Channel	Outlet	Type
Abbassia Link Canal	216111 / Left	Pipe Outlets
Reduced Distance (RD)	Side	Time of Checking
216-111	Left (L)	10:50 AM
Date	SMS Date	Theft Type
07-Sep-2016		
Condition of Outlet	Value of H	Defective Type
Defective	9	Due to high Y as DOY
Value of B	Value of Y	Value of DIA
8	8	8
Remarks History 4	Proof 5	View Attachments
SBE Working		
Canal Wire # 6	Canal Wire #	
Date of Closing/Repair 8	Date of Closing/Repair	07-Sep-2016
Attachments 10	Attachments	Browse... Browse... Browse... Browse... Browse...
Assign To SDO 11	Assign To SDO	Back 12

Canal Wire Date 7

Add Comments 9

1

Case ID

Case ID: WT000091

- 'Case ID' is auto generated by the system and it is read only.
- 'Case ID' would be generated in 'WTXXXXXX' format.

2

Case Status

Case Status: In Progress

- 'Case Status' is auto generated by the system and it is read only.





3

Parent Information

Channel	Outlet	Type
Abbassia Link Canal	216111 / Left	Pipe Outlets
Reduced Distance (RD)	Side	Time of Checking
216+111	Left (L)	10:50 AM
Date	SMS Date	Theft Type
07-Sep-2016		
Condition of Outlet	Value of H	Defective Type
Defective	9	Due to high Y as DOY
Value of B	Value of Y	Value of DIA
8	8	8
Remarks History	Proof	
View Remarks	View Attachments	

- User views the parent information, remarks history and attachments in read only form at this screen.

4

Remarks History

[View Remarks](#)

- Click on 'View Remarks' link under Remarks History.
- A pop up window appears which displays Remarks, Log Date & Time and Logged by details.

Remarks	Log Date & Time	Logged By
Case started	19-Sep-2016 11:34 AM	hoor bano, SBE

[Close](#)





5

Proof

[View Attachments](#)

- Click on 'View Attachments' link under Proof.
- A pop up window appears which displays File Name, Logged by and Action details.
- To view the attached file, click on Image icon in Action column, system will ask to save the file.

File name	Uploaded By	Action
AC-column name issue	hoor bano, SBE	

[Close](#)

6

Canal Wire

- Enter 'Canal Wire #' in the text field.
- 'Canal Wire #' is a required field.

7

Canal Wire Date

- By default, current date appears in the 'Canal Wire Date' text field.
- To select other date, click on Canal Wire Date text filed.
- Date calendar appears, select date from the date calendar.
- To remove the date, click on Cross button along with Canal Wire Date text field.
- 'Canal Wire Date' is a required field.

8

Date of Closing/Repair

- By default, current date appears in the 'Date of Closing/Repair' text field.





- To select other date, click on Date of Closing/Repair text field.
- Date calendar appears, select date from the date calendar.
- To remove the date, click on Cross button along with Date of Closing/Repair text field.

9

Add Comments

- Enter 'Comments' in the text area field.

10

Attachments

<input type="text"/>	Browse...

- Click on 'Browse' button.
- A dialogue box will open, select the file and click 'Open' button.
- The file name will appear in the text field.
- User is able to upload multiple attachments against a case.

11

Assign To SDO

Assign To SDO

- Click on 'Assign to SDO' button, system verify all the required fields.
- System saves the data into the database & displays a message "Records saved successfully".
- The case is assigned to the relevant SDO and system moves the SBE to the search screen.
- System sends a notification to the relevant SDO.

12

Back

Back





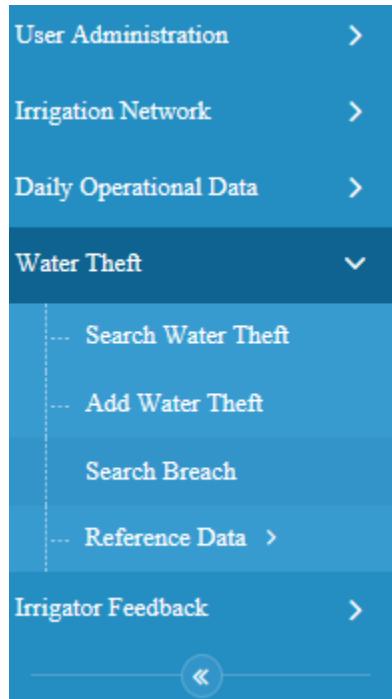
- By clicking on the 'Back' button, system moves the user to Search Water Theft screen.



7. SDO Working

Through ‘SDO Working’ screen, SDO views the parent information, view remarks history and attachments. SDO can do his working and Mark Case as N/A or assign the case back to SBE or assign the case to Ziladar for further working.

How to Access: Left Menu -> Search Water Theft





Case ID **1** Case ID: WT000091 Case Status: In Progress **2** Case Status

Channel	Outlet	Type
Abbassia Link Canal	216111 / Left	Pipe Outlets
Reduced Distance (RD)	Side	Time of Checking
216+111	Left (L)	10:50 AM
Date	SMS Date	Theft Type
07-Sep-2016		
Condition of Outlet	Value of H	Defective Type
Defective	9	Due to high Y as DOY
Value of B	Value of Y	Value of DIA
8	8	8
Remarks History 3	Proof	
View Remarks	View Attachments 5 Proof	
SBE Working 6	SBE Working	
	Sub Engineer Canal Wire #	Sub Engineer Canal Wire Date
	CW1000	07-Sep-2016
		Date of Closing/Repair
		07-Sep-2016
SDO Working		
Canal Wire # 7	Canal Wire #	Canal Wire Date 8
Add Comments 9	Add Comments	07-Sep-2016
Attachments 10	Attachments	Browse... Browse... Browse... Browse... Browse...
Mark Case as N/A 11	Mark Case as N/A	Assign Back to SBE
Assign Back to SBE 12	Assign Back to SBE	Assign to Ziladar
Assign to Ziladar 13		Back 14 Back

1

Case ID

Case ID: **WT000091**

- 'Case ID' is auto generated by the system and it is read only.
- 'Case ID' would be generated in 'WTXXXXXX' format.

2

Case Status

Case Status: **In Progress**

- 'Case Status' is auto generated by the system and it is read only.





3

Parent Information

Channel	Outlet	Type
Abbassia Link Canal	216111 / Left	Pipe Outlets
Reduced Distance (RD)	Side	Time of Checking
216+111	Left (L)	10:50 AM
Date	SMS Date	Theft Type
07-Sep-2016		
Condition of Outlet	Value of H	Defective Type
Defective	9	Due to high Y as DOY
Value of B	Value of Y	Value of DIA
8	8	8
Remarks History	Proof	
View Remarks	View Attachments	

- User can view the parent information, remarks history and attachments in read only form.

4

Remarks History

[View Remarks](#)

- Click on 'View Remarks' link under Remarks History.
- A pop up window appears which displays Remarks, Log Date & Time and Logged by details.

5

Proof

[View Attachments](#)

- Click on 'View Attachments' link under Proof.
- A pop up window appears which displays File Name, Logged by and Action details.
- To view the attached file, click on Image icon in Action column, system will ask to save the file.

6

SBE Working





SBE Working

Sub Engineer Canal Wire #	Sub Engineer Canal Wire Date	Date of Closing/Repair
CW1000	07-Sep-2016	07-Sep-2016

- User also views the SBE working information in read only form at this screen.

7

Canal Wire

- Enter 'Canal Wire #' in the text field.
- 'Canal Wire #' is a required field when user assigns case forward to Ziladar.

8

Canal Wire Date

07-Sep-2016

- By default, current date appears in the 'Canal Wire Date' text field.
- To select other date, click on Canal Wire Date text filed.
- Date calendar appears, select date from the date calendar.
- To remove the date, click on Cross button along with Canal Wire Date text field.
- 'Canal Wire Date' is a required field when user assigns case forward to Ziladar.

9

Add Comments

- Enter 'Comments' in the text area field.
- 'Comments' is a required field when user assigns the Case back to SBE or marks case as N/A.

10

Attachments





<input type="button" value="Browse..."/>

- Click on ‘Browse’ button.
- A dialogue box will open, select the file and click ‘Open’ button.
- The file name will appear in the text field.
- User is able to upload multiple attachments against a case.

11

Mark Case as N/A

Mark Case as N/A

- Click on ‘Mark Case as N/A’ button.
- Marks the case as N/A and stops the Workflow and assigns the case back to SBE with status N/A.
- System moves the SDO to the search screen.

12

Assign Back to SBE

Assign Back to SBE

- Click on ‘Assign Back to SBE’ button, system verify all the required fields.
- System saves the data into the database & displays a message “Records saved successfully”.
- The case is assigned to the relevant SBE and system moves the SDO to the search screen.
- System sends a notification to the relevant SBE.
- All the relevant fields for the SBE would be editable except Canal Wire # and Canal Wire Date

13

Assign to Ziladar

Assign to Ziladar

- Click on ‘Assign to Ziladar’ button, system verify all the required fields.
- System saves the data into the database & displays a message “Records saved successfully”.
- The case is assigned to the relevant Ziladar and system moves the SDO to the





search screen.

- System sends a notification to the relevant Ziladar.

14

Back

Back

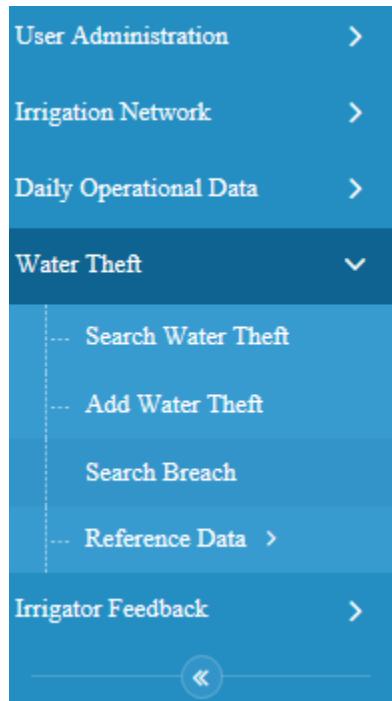
- By clicking on the 'Back' button, system moves the user to Search Water Theft screen.



8. Ziladar Working

Through 'Ziladar Working' screen, Ziladar views the parent information, view remarks history and attachments. Ziladar can do his working and assign the case back to SDO for further working.

How to Access: Left Menu -> Search Water Theft





Case ID: 1 Case ID: WT000091 Case Status: In Progress 2 Case Status

Channel	Outlet	Type
Parent Information 3 Abbassia Link Canal	216111 / Left	Pipe Outlets
Reduced Distance (RD)	Side	Time of Checking
216+111	Left (L)	10:50 AM
Date	SMS Date	Theft Type
07-Sep-2016		
Condition of Outlet	Value of H	Defective Type
Defective	9	Due to high Y as DOY
Value of B	Value of Y	Value of DIA
8	8	8
Remarks History	Proof	
Remarks History 4 View Remarks	View Attachments 5 Proof	
Area Booked 6	Area Booked	Units 7 Acre
No of Accused 8	No of Accused 0	Processed Date 9 07-Sep-2016
Add Comments 10	Add Comments	
Offender Name 12	CNIC	Address
CNIC 13	Browse...	+ Add 11
Attachments 17	Browse...	Address 14
	Browse...	Save 15
	Browse...	Cancel 16
	Browse...	
	Browse...	
Assign to SDO 18	Assign to SDO	Back 19 Back

1

Case ID

Case ID: WT000091

- 'Case ID' is auto generated by the system and it is read only.
- 'Case ID' would be generated in 'WTXXXXXX' format.

2

Case Status

Case Status: In Progress

- 'Case Status' is auto generated by the system and it is read only.





3

Parent Information

Channel	Outlet	Type
Abbassia Link Canal	216111 / Left	Pipe Outlets
Reduced Distance (RD)	Side	Time of Checking
216+111	Left (L)	10:50 AM
Date	SMS Date	Theft Type
07-Sep-2016		
Condition of Outlet	Value of H	Defective Type
Defective	9	Due to high Y as DOY
Value of B	Value of Y	Value of DIA
8	8	8
Remarks History	Proof	
View Remarks	View Attachments	

- User can view the parent information, remarks history and attachments in read only form.

4

Remarks History

[View Remarks](#)

- Click on 'View Remarks' link under Remarks History.
- A pop up window appears which displays Remarks, Log Date & Time and Logged by details.

5

Proof

[View Attachments](#)

- Click on 'View Attachments' link under Proof.
- A pop up window appears which displays File Name, Logged by and Action details.

6

Area Booked

- Enter 'Area Booked' value in the text field.





- ‘Area Booked’ is a required field.

7

Units

Acre



- Select ‘Units’ from the drop down.
- ‘Units’ is a required field.

8

No of Accused

0

- ‘No of Accused’ is auto populated based on the number of offenders added in the grid.
- ‘No of Accused’ is a required field.

9

Processed Date



07-Sep-2016



- By default, current date appears in the ‘Processed Date’ text field.
- To select other date, click on Processed Date text field.
- Date calendar appears, select date from the date calendar.
- To remove the date, click on Cross button along with Processed Date text field.
- ‘Processed Date’ is a required field.

10

Add Comments

- Enter ‘Comments’ in the text area field.

11

Add



- Click on add ‘+’ button to add offender.
- A row will be inserted in the grid.

12

Offender Name





13

CNIC

- Enter 'Offender Name' in the text field.
- 'Offender Name' is a required field for saving offender record.

14

Address

- Enter 'Address' in the text field.
- 'Address' is a required field for saving offender record.

15

Save



- Click on 'Save' button, system verify all the required fields.
- System saves the data into the database' displays a message "Records saved successfully" and record is added in the grid.

Offender Name	CNIC	Address	
Sabir Khan	3850236999963	Lahore	

16

Cancel



- Click on 'Cancel' button to discard the information.

17

Attachments





<input type="text"/>	Browse...

- Click on ‘Browse’ button.
- A dialogue box will open, select the file and click ‘Open’ button.
- The file name will appear in the text field.
- User is able to upload multiple attachments against a case.

18

Assign to SDO

Assign to SDO

- Click on ‘Assign to SDO’ button, system verify all the required fields.
- System saves the data into the database & displays a message “Records saved successfully”.
- The case is assigned to the relevant SDO and system moves the Ziladar to the search screen.
- System sends a notification to the relevant SDO.

19

Back

Back

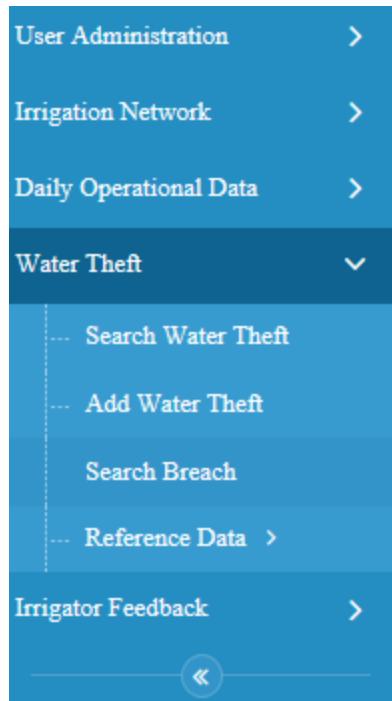
- By clicking on the ‘Back’ button, system moves the user to Search Water Theft screen.



9. SDO Working – Tawaan

Through ‘SDO Working - Tawaan’ screen, SDO views the parent information, view remarks history and attachments. SDO can do Tawaan working and assign the case to XEN for further working.

How to Access: Left Menu -> Search Water Theft





Case ID: **WT000091** Case Status: **In Progress** Case Status

Parent Information

Channel	Outlet	Type
Abbassia Link Canal	216111 / Left	Pipe Outlets
Reduced Distance (RD)	Side	Time of Checking
216+111	Left (L)	10:50 AM
Date	SMS Date	Theft Type
07-Sep-2016		
Condition of Outlet	Value of H	Defective Type
Defective	9	Due to high Y as DOY
Value of B	Value of Y	Value of DIA
8	8	8
Remarks History	Proof	
Remarks History	View Remarks	View Attachments

SBE Working

SBE Working	Sub Engineer Canal Wire #	Sub Engineer Canal Wire Date	Date of Closing/Repair
6	CW1000	07-Sep-2016	07-Sep-2016

SDO Working

SDO Working	SDO Canal wire #	SDO Canal Wire Date	
7	CW10001	07-Sep-2016	
Remarks	SDO completed its working and assigned the case to Ziladaar		

Offenders

Tawaan Working

Decision Type	Select	Decision Date	Decision Date
9			10
Special Charges	Special Charges	Area Booked (Acre)	Area Booked (Acre)
11		2	12
Letter # from SDO to Police	Letter # from SDO to Police	Fine	13
14		1200	Fine

FIR #

FIR Date

Case Submitted to XEN (Number)

Add Comments

Attachments

Assign Back to Ziladaar

Assign to XEN

Back

10 Decision Date
12 Area Booked (Acre)
13 Fine
15 Upload Copy of Letter
17 Upload Copy of FIR
19 Imprisonment
20 Days
22 Case Submitted to XEN (Date)

1

Case ID





Case ID: WT000091

- 'Case ID' is auto generated by the system and it is read only.
- 'Case ID' would be generated in 'WTXXXXXX' format.

2

Case Status

Case Status: In Progress

- 'Case Status' is auto generated by the system and it is read only.

3

Parent Information

Channel	Outlet	Type
Abbassia Link Canal	216111 / Left	Pipe Outlets
Reduced Distance (RD)	Side	Time of Checking
216+111	Left (L)	10:50 AM
Date	SMS Date	Theft Type
07-Sep-2016		
Condition of Outlet	Value of H	Defective Type
Defective	9	Due to high Y as DOY
Value of B	Value of Y	Value of DIA
8	8	8
Remarks History	Proof	
View Remarks	View Attachments	

- User can view the parent information, remarks history and attachments in read only form.

4

Remarks History

[View Remarks](#)

- Click on 'View Remarks' link under Remarks History.
- A pop up window appears which displays Remarks, Log Date & Time and Logged by details.

5

Proof

[View Attachments](#)

- Click on 'View Attachments' link under Proof.
- A pop up window appears which displays File Name, Logged by and Action





details.

6

SBE Working

SBE Working

Sub Engineer Canal Wire #

CW1000

Sub Engineer Canal Wire Date

07-Sep-2016

Date of Closing/Repair

07-Sep-2016

- User views the SBE working information in read only form at this screen.

7

SDO Working

SDO Working

SDO Canal wire #

CW10001

SDO Canal Wire Date

07-Sep-2016

Remarks

SDO completed its working and assigned the case to Ziladaar

- User views the SDO working information in read only form at this screen.

8

Offenders

Offenders

- Click on 'Offenders' button to view offender's details.
- A pop up appears, where user can view the details.
- User can also edit and delete the offenders from pop up screen.

9

Decision Type

Select



- Select 'Decision Type' from the drop down.
- 'Decision Type' is a required field.

10

Decision Date





- Decision Date text field is disabled and would be enable for XEN.

11

Special Charges

- 'Special Charges' field is disabled for SDO and would be enabled for XEN.

12

Area Booked (Acre)

2

- Unit 'Acre' is coming from Units selection at Ziladar working screen.
- 'Area Booked' field is read only and value is coming from Area Booked text field at Ziladar working screen.

13

Fine

1200

- 'Fine' is auto calculated by the system based on reference data.
- Fine will be calculated on following formula:
$$\text{Fine} = \text{Area Booked} * \text{Fine Against 1 Unit}$$
$$\text{Total Fine} = \text{Fine} + (\text{Fine} * \text{Percentage})$$
- This field is editable.
- 'Fine' is a required field.

14

Letter # from SDO to Police

- Enter 'Letter # from SDO to Police' in the text field.
- 'Letter # from SDO to Police' is a required field.

15

Upload Copy of Letter

<input type="file"/>	Browse...

- Click on 'Browse' button.
- A dialogue box will open, select the file and click 'Open' button.





- The file name will appear in the text field.
- User is able to upload multiple attachments against a case
- 'Upload Copy of Letter' is a required field.

16

FIR

- Enter 'FIR #' in the text field.
- 'FIR#' is a required field.

17

Upload Copy of FIR

<input type="text"/>	Browse...

- Click on 'Browse' button.
- A dialogue box will open, select the file and click 'Open' button.
- The file name will appear in the text field.
- User is able to upload multiple attachments against a case.
- 'Upload Copy of FIR' is a required field.

18

FIR Date

	08-Sep-2016	
--	-------------	--

- By default, current date appears in the 'FIR Date' text field.
- To select other date, click on FIR Date text filed.
- Date calendar appears, select date from the date calendar.
- To remove the date, click on Cross button along with FIR Date text field.
- 'FIR Date' is a required field.

19

Imprisonment

Select	
--------	--

- Select 'Imprisonment' from the drop down.
- On selection of Imprisonment option as 'Yes', Days field would enable.





20

Days

- By default, this field is disabled and enables when Imprisonment option is selected as 'Yes'.
- Enter 'Days' in the text field.

21

Case Submitted to XEN (Number)

- Enter 'Case Submitted to XEN (Number)' in the text field.
- 'Case Submitted to XEN (Number)' is a required field.

22

Case Submitted to XEN (Date)

08-Sep-2016

- By default, current date appears in the 'Case Submitted to XEN (Date)' text field.
- To select other date, click on Case Submitted to XEN (Date) text field.
- Date calendar appears, select date from the date calendar.
- To remove the date, click on Cross button along with Case Submitted to XEN (Date) text field.
- 'Case Submitted to XEN (Date)' is a required field.

23

Add Comments

- Enter 'Comments' in the text area field.
- 'Comments' is a required field when user assign the case back to Ziladar.

24

Attachments





	Browse...

- Click on ‘Browse’ button.
- A dialogue box will open, select the file and click ‘Open’ button.
- The file name will appear in the text field.
- User is able to upload multiple attachments against a case.
- ‘Attachments’ is a required field.

25

Assign Back to Ziladar

Assign Back to Ziladaar

- Click on ‘Assign Back to Ziladar’ button, system verify all the required fields.
- System saves the data into the database & displays a message “Records saved successfully”.
- The case is assigned back to the relevant Ziladar and system moves the SDO to the search screen.
- System sends a notification to the relevant Ziladar.
- All the relevant fields for the Ziladar would be editable.

26

Assign to XEN

Assign to XEN

- Click on ‘Assign to XEN’ button, system verify all the required fields.
- System saves the data into the database & displays a message “Records saved successfully”.
- The case is assigned to the relevant XEN and system moves the SDO to the search screen.
- System sends a notification to the relevant XEN.

27

Back

Back

- By clicking on the ‘Back’ button, system moves the user to Search Water Theft screen.



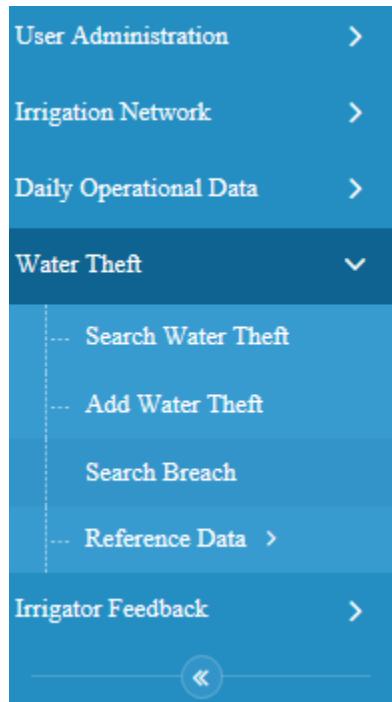




10. XEN Working

Through 'XEN Working' screen, XEN views the parent information, view remarks history and attachments. XEN can do his working, Finalize & Close the case and Assign the case back to SDO for further working.

How to Access: Left Menu -> Search Water Theft





Case ID 1	Case ID: WT000091	Case Status: In Progress	2 Case Status	
Parent Information		Channel	Outlet	Type
		Abbasia Link Canal	216111 / Left	Pipe Outlets
		Reduced Distance (RD)	Side	Time of Checking
		216+111	Left (L)	10:50 AM
		Date	SMS Date	Theft Type
		07-Sep-2016		
Condition of Outlet		Value of H	Defective Type	
Defective		9	Due to high Y as DOY	
Value of B		Value of Y	Value of DIA	
8		8	8	
Remarks History		Proof		
4 Remarks History	View Remarks	View Attachments	5 Proof	
SBE Working				
6 SBE Working	Sub Engineer Canal Wire #	Sub Engineer Canal Wire Date	Date of Closing/Repair	
	CW1000	07-Sep-2016	07-Sep-2016	
SDO Working				
7 SDO Working	SDO Canal wire #	SDO Canal Wire Date		
	CW1001	07-Sep-2016		
Remarks				
SDO completed its working and assigned the case to Zildasr				
8 Offenders	Offenders			
Tawaan Working				
9 Decision Type	Decision Type	Proceed US 70		
11 Special Charges	Special Charges			
14 Letter # from SDO to Police	Letter # from SDO to Police	12520		
15 FIR #	FIR #	16220		
16 FIR Date	FIR Date	08-Sep-2016		
19 Case Submitted to XEN (Number)	Case submitted to XEN (Number)	85222		
21 Add Comments	Add Comments			
22 Attachments	Attachments	Browse...		
		Browse...		
23 Assign Back to SDO	Assign Back to SDO	Finalize and Close	Back	25 Back
24 Finalize and Close				
Decision Date 10 <input type="text" value="08-Sep-2016"/> * 12 Area Booked (Acre) 13 Fine 17 Imprisonment 18 Days 20 Case Submitted to XEN (Number)				
Areas Booked (Acre) 11 2 Fine 12 1200				
Imprisonment 16 Yes 17 Days 18 2 Days				
Case Submitted to XEN (Date) 19 08-Sep-2016 *				

1

Case ID

Case ID: **WT000091**

- 'Case ID' is auto generated by the system and it is read only.
- 'Case ID' would be generated in 'WTXXXXXX' format.





2

Case Status

Case Status: In Progress

- 'Case Status' is auto generated by the system and it is read only.

3

Parent Information

Channel	Outlet	Type
Abbassia Link Canal	216111 / Left	Pipe Outlets
Reduced Distance (RD)	Side	Time of Checking
216+111	Left (L)	10:50 AM
Date	SMS Date	Theft Type
07-Sep-2016		
Condition of Outlet	Value of H	Defective Type
Defective	9	Due to high Y as DOY
Value of B	Value of Y	Value of DIA
8	8	8
Remarks History	Proof	
View Remarks	View Attachments	

- User can view the parent information, remarks history and attachments in read only form.

4

Remarks History

[View Remarks](#)

- Click on 'View Remarks' link under Remarks History.
- A pop up window appears which displays Remarks, Log Date & Time and Logged by details.

5

Proof

[View Attachments](#)

- Click on 'View Attachments' link under Proof.
- A pop up window appears which displays File Name, Logged by and Action details.

6

SBE Working





SBE Working

Sub Engineer Canal Wire #	Sub Engineer Canal Wire Date	Date of Closing/Repair
CW1000	07-Sep-2016	07-Sep-2016

- User views the SBE working information in read only form at this screen.

7

SDO Working

SDO Working

SDO Canal wire #	SDO Canal Wire Date
CW10001	07-Sep-2016
Remarks	
SDO completed its working and assigned the case to Ziladaar	

- User views the SDO working information in read only form at this screen.

8

Offenders

Offenders

- Click on 'Offenders' button to view offender's details.
- A pop up appears, where user can view the details.

9

Decision Type

Proceed US 70



- 'Decision Type' is auto populated from database and is read only field.

10

Decision Date



08-Sep-2016



- By default, current date appears in the 'Decision Date' text field.
- To select other date, click on Decision Date text field.
- Date calendar appears, select date from the date calendar.
- To remove the date, click on Cross button along with Decision Date text field.

11

Special Charges





- Enter 'Special Charges' in the text field.
- 'Special Charges' is a required field.

12

Area Booked (Acre)

2

- Unit 'Acre' is coming from Units selection at Ziladar working screen.
- 'Area Booked' field is read only and value is coming from Area Booked text field at Ziladar working screen.

13

Fine

1200

- 'Fine' is auto calculated by the system based on reference data.
- This field is read only.

14

Letter # from SDO to Police

12520

- 'Letter # from SDO to Police' is auto populated from database and is read only field.

15

FIR

16220

- 'FIR #' is auto populated from database and is read only field.

16

FIR Date



08-Sep-2016



- 'FIR Date' is auto populated from database and is read only field.

17

Imprisonment

Yes



- 'Imprisonment' is auto selected and is read only field.





18

Days

2

- ‘Days’ is auto populated from database and is read only field.

19

Case Submitted to XEN (Number)

85222

- ‘Case Submitted to XEN (Number)’ is auto populated from database and is read only field.

20

Case Submitted to XEN (Number)



08-Sep-2016



- ‘Case Submitted to XEN (Date)’ is auto populated from database and is read only field.

21

Add Comments

- Enter ‘Comments’ in the text area field.

22

Attachments

<input type="text"/>	Browse...

- Click on ‘Browse’ button.
- A dialogue box will open, select the file and click ‘Open’ button.
- The file name will appear in the text field.
- User is able to upload multiple attachments against a case.
- ‘Attachments’ is a required field.





23

Assign Back to SDO

Assign Back to SDO

- Click on 'Assign Back to SDO' button, system verify all the required fields.
- System saves the data into the database & displays a message "Records saved successfully".
- The case is assigned back to the relevant SDO and system moves the XEN to the search screen.
- System sends a notification to the relevant SDO.
- All the relevant fields for the SDO would be editable except Case submitted to XEN Number and Case Submitted to XEN Date.

24

Finalize and Close

Finalize and Close

- Click on 'Finalize and Close' button, system verify all the required fields.
- System saves the data into the database & displays a message "Records saved successfully".
- The case status is marked as Closed and system moves the XEN to the search screen.
- System sends a notification to all the relevant users.

25

Back

Back

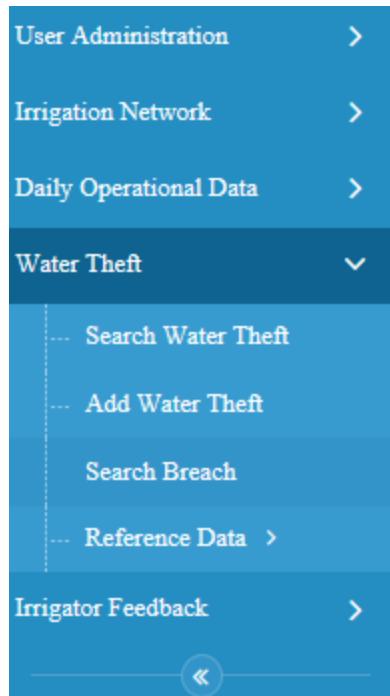
- By clicking on the 'Back' button, system moves the user to Search Water Theft screen.



11. Search Water Theft – Appeal

Through “Search Water Theft” screen user can search already saved cases. System displays list of water theft cases based on selected search parameters. For example, upon selecting Division and its respective Channel, system will display list of cases against selected Division and Channel. Against each record, “Appeal, Assign Back and Print” buttons are displayed and system will navigate user to the respective screen.

How to Access: Left Menu -> Search Water Theft





The screenshot shows a search interface with the following fields and controls:

- Select Division**: A dropdown menu labeled "All".
- Status**: A dropdown menu labeled "All".
- Offence Site**: A dropdown menu labeled "All".
- Case ID**: An input field containing "WTXXXXXX".
- From Date**: A date picker set to "07-Sep-2016".
- Select Channel**: A dropdown menu labeled "All".
- Assigned To**: A dropdown menu labeled "All".
- Type of Offence**: A dropdown menu labeled "All".
- XEN Canal Wire #**: An input field.
- To Date**: A date picker set to "08-Sep-2016".
- Search**: A blue button.
- Action Buttons**: A row of icons for each row in the table, including edit, delete, and other specific actions.
- Page Numbers**: A dropdown menu with options "1" and "2".

Case ID	Channel	Type of Offence	Reduced Distance (RD)	Offence Site	Incident Date	Status	Assigned To	Action
	Abbassia Link Canal	Crest Tempered	170+004	Outlet	08-Sep-2016	In Progress	SBE	
WT000098	Abbassia Link Canal	Crest Tempered	170+004	Outlet	08-Sep-2016	In Progress	SBE	
WT000092	Abbassia Link Canal	Pipe	156+321	Channel	07-Sep-2016	In Progress	SBE	
WT000091	Abbassia Link Canal		216+111	Outlet	07-Sep-2016	Closed	XEN	

Search Criteria

1

Select Division

All



- If the user is associated to only one division then it will show that particular division only in disabled form.
- For XEN, more than one divisions can populate.
- User (XEN) can select the 'Division' from the drop down

2

Select Channel

All



- Only Channels assigned to the user from the irrigation Network against his role would available in the dropdown.
- Select 'Channel' from the drop down.
- On selection of Channels, relevant outlets will populate in the Outlet drop down.

3

Status

All



- Select 'Status' from the drop down.

4

Assigned To





All



- Select 'Assigned To' from the drop down.

5

Offence Site

All



- Select 'Offense Site' from the drop down.

6

Type of Offence

All



- Select 'Type of Offence' from the drop down.

7

Case ID

WTXXXXXX

- Enter 'Case ID' in the text field.
- Enter case ID in the 'WTXXXXXX' format.

8

XEN Canal Wire

- Enter 'SBE Canal Wire #' in the text field if logged in user is SDO.
- Enter 'SDO Canal Wire #' in the text field if logged in user is XEN.
- Enter 'XEN Canal Wire #' in the text field if logged in user is Chief Monitoring or SE.

9

From Date



07-Sep-2016



- By default, current date appears in the 'From Date' text field.
- To select other date, click on From Date text filed.
- Date calendar appears, select date from the date calendar.
- To remove the date, click on Cross button along with From Date text field

10

To Date





08-Sep-2016



- By default, current date appears in the 'To Date' text field.
- To select other date, click on To Date text filed.
- Date calendar appears, select date from the date calendar.
- To remove the date, click on Cross button along with To Date text field.

11

Search

Search

- Click on the 'Search' button.
- System displays all the records as per the search criteria given by the user.
- System displays all records if no search criteria is given.
- If there is no record against the entered search criteria, system shows the message '**No record found**'.
- The logged in user can only see the water theft that are in the divisions/channels he has been assigned to.
- All those cases which are assigned to the logged in user would be marked in red.
- The user will only be able to edit the details screens of water thefts that are currently assigned to him.
- User can only view the case details which has not been assigned to him.

Case ID	Channel	Type of Offence	Reduced Distance (RD)	Offence Site	Incident Date	Status	Assigned To	Action
WT000091	Abbassia Link Canal		216+111	Outlet	07-Sep-2016	Closed	XEN	
WT000085	Abbassia Link Canal	Pipe	176+131	Channel	06-Sep-2016	Closed	XEN	
WT000066	Abbassia Link Canal		216+111	Outlet	06-Sep-2016	Closed	XEN	
WT000057	Abbassia Link Canal	Daffl	156+123	Channel	06-Sep-2016	Closed	XEN	
WT000030	Abbassia Link Canal	Takki	150+111	Channel	05-Sep-2016	Closed	XEN	

Actions against retrieved data

12

Appeal



- Click on 'Appeal' icon to submit appeal against the case.

13

Assign Back





- Click on ‘Assign Back’ button to assign the case back to the relevant XEN without entering Special Charges.

14

Print



- Click on ‘Print’ icon to print the record.

15

Page Numbers

1 2

- Click on a page number to move to a specific page.

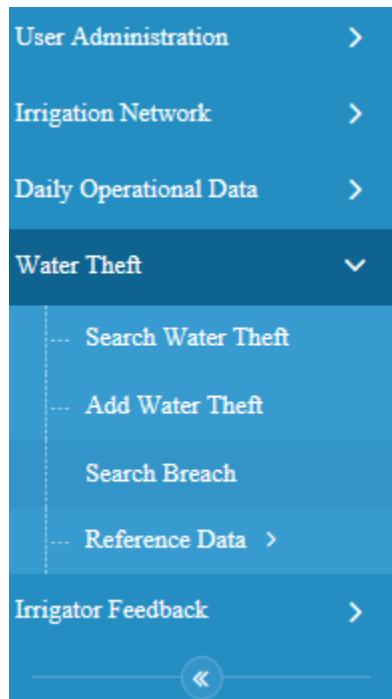




12. Chief Working – Appeal

Through 'Chief Working - Appeal' screen, Chief views the parent information, view remarks history and attachments. Chief can do his working and Assign the case back to relevant XEN for further working.

How to Access: Left Menu -> Search Water Theft





Case ID: **WT000091** Case Status: **Closed** Case Status

Parent Information

Channel	Outlet	Type	
Abbassia Link Canal	216111 / Left	Pipe Outlets	
Reduced Distance (RD)	Side	Time of Checking	
216+111	Left (L)	10:50 AM	
Date	SMS Date	Theft Type	
07-Sep-2016			
Condition of Outlet	Value of H	Defective Type	
Defective	9	Due to high Y as DOY	
Value of B	Value of Y	Value of DIA	
8	8	8	
Remarks History	Proof		
Remarks History	View Remarks	View Attachments Proof	
Sub Engineer Canal Wire #	Sub Engineer Canal Wire Date	Date of Closing/Repair	
CW1000	07-Sep-2016	07-Sep-2016	
SDO Canal wire #	SDO Canal Wire Date		
CW10001	07-Sep-2016		
Decision Type	Proceed US 70	Decision Date	08-Sep-2016
Special Charges	2000	Area Booked (Acre)	2
Letter # from SDO to Police	12520	Fine	1200
FIR #	16220	Days	2
FIR Date	08-Sep-2016	Imprisonment	Yes
Case Submitted to XEN (Number)	85222	Case Submitted to XEN (Date)	08-Sep-2016
Amount Paid for the Appeal (Rs)	Amount Paid for the Appeal (Rs)	Attachment of Proof	Browse... Browse... Browse... Browse... Browse... Browse...



1

Case ID

Case ID: **WT000091**

- 'Case ID' is auto generated by the system and it is read only.
- 'Case ID' would be generated in 'WTXXXXXX' format.

2

Case Status

Case Status: **Closed**

- 'Case Status' is auto generated by the system and it is read only.

3

Parent Information

Channel	Outlet	Type
Abbassia Link Canal	216111 / Left	Pipe Outlets
Reduced Distance (RD)	Side	Time of Checking
216+111	Left (L)	10:50 AM
Date	SMS Date	Theft Type
07-Sep-2016		
Condition of Outlet	Value of H	Defective Type
Defective	9	Due to high Y as DOY
Value of B	Value of Y	Value of DIA
8	8	8
Remarks History	Proof	
View Remarks	View Attachments	

- User can view the parent information, remarks history and attachments in read only form.

4

Remarks History

[View Remarks](#)

- Click on 'View Remarks' link under Remarks History.
- A pop up window appears which displays Remarks, Log Date & Time and Logged by details.

5

Proof





[View Attachments](#)

- Click on 'View Attachments' link under Proof.
- A pop up window appears which displays File Name, Logged by and Action details.

6

SBE Working

SBE Working

Sub Engineer Canal Wire #	Sub Engineer Canal Wire Date	Date of Closing/Repair
CW1000	07-Sep-2016	07-Sep-2016

- User views the SBE working information in read only form at this screen.

7

SDO Working

SDO Working

SDO Canal wire #	SDO Canal Wire Date
CW10001	07-Sep-2016
Remarks	
SDO completed its working and assigned the case to Ziladaar	

- User views the SDO working information in read only form at this screen.

8

Offenders

Offenders

- Click on 'Offenders' button to view offender's details.
- A pop up appears, where user can view the details.

9

Decision Type

Proceed US 70



- 'Decision Type' is auto populated from database and is read only field.

10

Decision Date





08-Sep-2016



- ‘Decision Date’ is auto populated from database and is read only field.

11

Special Charges

2000

- ‘Special Charges’ are auto populated from database and is read only field.

12

Area Booked (Acre)

2

- Unit ‘Acre’ is coming from Units selection at Ziladar working screen.
- ‘Area Booked’ field is read only and value is coming from Area Booked text field at Ziladar working screen.

13

Fine

1200

- ‘Fine’ is auto calculated by the system based on reference data.
- This field is read only.

14

Letter # from SDO to Police

12520

- ‘Letter # from SDO to Police’ is auto populated from database and is read only field.

15

FIR

16220

- ‘FIR #’ is auto populated from database and is read only field.

16

FIR Date



08-Sep-2016



- ‘FIR Date’ is auto populated from database and is read only field.





17

Imprisonment

 Yes

- ‘Imprisonment’ is auto selected and is read only field.

18

Days

 2

- ‘Days’ is auto populated from database and is read only field.

19

Case Submitted to XEN (Number)

 85222

- ‘Case Submitted to XEN (Number)’ is auto populated from database and is read only field.

20

Case Submitted to XEN (Date)

 08-Sep-2016

- ‘Case Submitted to XEN (Date)’ is auto populated from database and is read only field.

21

Amount Paid for the Appeal (Rs.)

- Enter ‘Amount Paid for the Appeal (Rs.)’ in the text area field.
- ‘Amount Paid for the Appeal (Rs.)’ is a required field.

22

Attachment of Proof

<input type="text"/>	Browse...

- Click on ‘Browse’ button.



- A dialogue box will open, select the file and click ‘Open’ button.
- The file name will appear in the text field.
- User is able to upload multiple attachments against a case.
- ‘Attachment of Proof’ is a required field.

23

Add Comments

- Enter ‘Comments’ in the text area field.
- ‘Add Comment’ is a required field when user assigns the case back to XEN.

24

Attachments

<input type="text"/>	Browse...

- Click on ‘Browse’ button.
- A dialogue box will open, select the file and click ‘Open’ button.
- The file name will appear in the text field.
- User is able to upload multiple attachments against a case.
- ‘Attachments’ is a required field.

25

Assign Back to XEN

Assign Back to XEN

- Click on ‘Assign Back to XEN’ button, system verify all the required fields.
- System saves the data into the database & displays a message “Records saved successfully”.
- The case is assigned back to the relevant XEN and system moves the Chief to the search screen.
- System sends a notification to the relevant Chief.

26

Back





Back

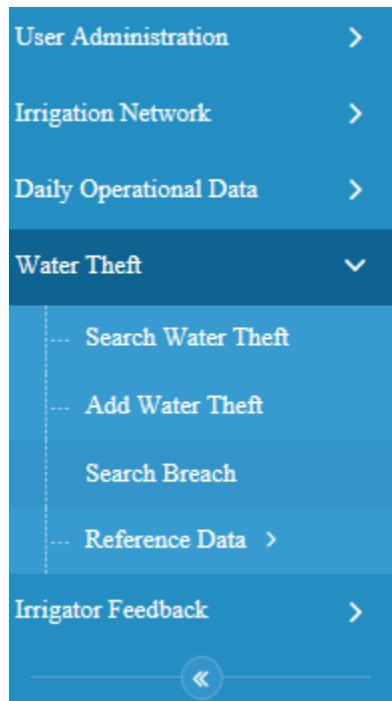
- By clicking on the 'Back' button, system moves the user to Search Water Theft screen.



13. SE Working – Appeal

Through ‘SE Working - Appeal’ screen, SE views the parent information, view remarks history and attachments. SE can do his working and Assign the case back to relevant XEN for further working.

How to Access: Left Menu -> Search Water Theft





Case ID: **WT000091** Case Status: **Closed** Case Status

Parent Information

Channel	Outlet	Type
Abbassia Link Canal	216111 / Left	Pipe Outlets
Reduced Distance (RD)	Side	Time of Checking
216+111	Left (L)	10:50 AM
Date	SMS Date	Theft Type
07-Sep-2016		
Condition of Outlet	Value of H	Defective Type
Defective	9	Due to high Y as DOY
Value of B	Value of Y	Value of DIA
8	8	8
Remarks History	Proof	
Remarks History	View Remarks	View Attachments
Remarks History	Proof	

SBE Working

SBE Working	Sub Engineer Canal Wire #	Sub Engineer Canal Wire Date	Date of Closing/Repair
6	CW1000	07-Sep-2016	07-Sep-2016

SDO Working

SDO Working	SDO Canal wire #	SDO Canal Wire Date
7	CW10001	07-Sep-2016

Remarks

SDO completed its working and assigned the case to Ziladaar

Offenders

Offenders

Tawaan Working

Decision Type

Decision Type: Proceed US 70

Special Charges

Special Charges: 2000

Letter # from SDO to Police

Letter # from SDO to Police: 12520

FIR #

FIR #: 16220

FIR Date

FIR Date: 08-Sep-2016

Case Submitted to XEN (Number)

Case submitted to XEN (Number): 85222

Add Comments

Add Comments:

Attachments

Attachments:

Decision Date

Decision Date: 08-Sep-2016

Area Booked (Acre)

Area Booked (Acre): 2

Fine

Fine: 1200

Decision Date

Decision Date: 08-Sep-2016

Area Booked (Acre)

Area Booked (Acre): 2

Fine

Fine: 1200

Impersonal

Impersonal: Yes

Days

Days: 2

Case Submitted to XEN (Date)

Case Submitted to XEN (Date): 08-Sep-2016

Assign Back to XEN

Assign Back to XEN

Back

Back

1

Case ID

Case ID: **WT000091**

- ‘Case ID’ is auto generated by the system and it is read only.





- ‘Case ID’ would be generated in ‘WTXXXXXX’ format.

2

Case Status

Case Status: Closed

- ‘Case Status’ is auto generated by the system and it is read only.

3

Parent Information

Channel	Outlet	Type
Abbassia Link Canal	216111 / Left	Pipe Outlets
Reduced Distance (RD)	Side	Time of Checking
216+111	Left (L)	10:50 AM
Date	SMS Date	Theft Type
07-Sep-2016		
Condition of Outlet	Value of H	Defective Type
Defective	9	Due to high Y as DOY
Value of B	Value of Y	Value of DIA
8	8	8
Remarks History	Proof	
View Remarks	View Attachments	

- User can view the parent information, remarks history and attachments in read only form.

4

Remarks History

[View Remarks](#)

- Click on ‘View Remarks’ link under Remarks History.
- A pop up window appears which displays Remarks, Log Date & Time and Logged by details.

5

Proof

[View Attachments](#)

- Click on ‘View Attachments’ link under Proof.
- A pop up window appears which displays File Name, Logged by and Action details.





6

SBE Working

SBE Working

Sub Engineer Canal Wire #	Sub Engineer Canal Wire Date	Date of Closing/Repair
CW1000	07-Sep-2016	07-Sep-2016

- User views the SBE working information in read only form at this screen.

7

SDO Working

SDO Working

SDO Canal wire #	SDO Canal Wire Date
CW1001	07-Sep-2016
Remarks	
SDO completed its working and assigned the case to Ziladaar	

- User views the SDO working information in read only form at this screen.

8

Offenders

Offenders

- Click on 'Offenders' button to view offender's details.
- A pop up appears, where user can view the details.

9

Decision Type

Proceed US 70



- 'Decision Type' is auto populated from database and is read only field.

10

Decision Date



08-Sep-2016



- 'Decision Date' is auto populated from database and is read only field.

11

Special Charges





2000

- ‘Special Charges’ are auto populated from database and is read only field.

12

Area Booked (Acre)

2

- Unit ‘Acre’ is coming from Units selection at Ziladar working screen.
- ‘Area Booked’ field is read only and value is coming from Area Booked text field at Ziladar working screen.

13

Fine

1200

- ‘Fine’ is auto calculated by the system based on reference data.
- This field is read only.

14

Letter # from SDO to Police

12520

- ‘Letter # from SDO to Police’ is auto populated from database and is read only field.

15

FIR

16220

- ‘FIR #’ is auto populated from database and is read only field.

16

FIR Date



08-Sep-2016



- ‘FIR Date’ is auto populated from database and is read only field.

17

Imprisonment

Yes



- ‘Imprisonment’ is auto selected and is read only field.





18

Days

2

- 'Days' is auto populated from database and is read only field.

19

Case Submitted to XEN (Number)

85222

- 'Case Submitted to XEN (Number)' is auto populated from database and is read only field.

20

Case Submitted to XEN (Date)



08-Sep-2016



- 'Case Submitted to XEN (Date)' is auto populated from database and is read only field.

21

Add Comments

- Enter 'Comments' in the text area field.
- 'Add Comments' is a required field when user assigns the case back to XEN.

22

Attachments

<input type="text"/>	Browse...

- Click on 'Browse' button.
- A dialogue box will open, select the file and click 'Open' button.
- The file name will appear in the text field.
- User is able to upload multiple attachments against a case.
- 'Attachments' is a required field.





23

Assign Back to XEN

Assign Back to XEN

- Click on ‘Assign Back to XEN’ button, system verify all the required fields.
- System saves the data into the database & displays a message “Records saved successfully”.
- The case is assigned back to the relevant XEN and system moves the SE to the search screen.
- System sends a notification to the relevant SE.

24

Back

Back

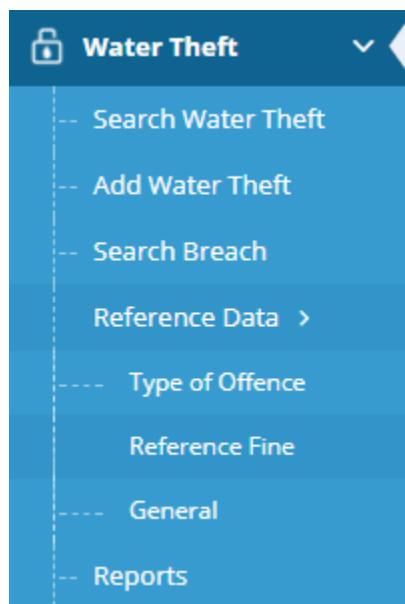
- By clicking on the ‘Back’ button, system moves the user to Search Water Theft screen.



14. Reference Data – Type of Offence

Through ‘Type of Offence’ screen, Admin user can view, add, edit and delete the Type of Offence information.

How to Access: Left Menu -> Reference Data -> Type of Offence





Type of Offence
Takki
Daffi
Pipe
Cut
none
test
test1
test51
dat
Other

Page Numbers 4 1 2

1 Add



- Click on add '+' button to add the Type of Offence record.

2 Edit



- Click on 'Edit' button to modify the Type of Offence record.

3 Delete



- Click on 'Delete' button to remove the Type of Offence record.

4 Page Numbers

1 2

- Click on a page number to move to a specific page.



14.1 Add Type of Offence

Through ‘Type of Offence’ screen, Admin user can add a new offence type in the grid. These offence types would be visible in the dropdown lists of the offences.

1 Add



- Click on add ‘+’ button to add the Type of Offence record.
- A row is inserted in the grid.

2 Type of Offence

- Enter ‘Type of Offence’ in the text field.
- ‘Type of Offence’ is a required field

3 Save



- Click on ‘Save’ button, system verify the required fields.
- System saves the data into the database & displays a message “Records saved successfully”.

4 Cancel



- Click on ‘Cancel’ button to discard the information.
- Inserted row is also removed from the grid.

5 Page Numbers





1 2

- Click on a page number to move to a specific page.

14.2 Edit & Delete Type of Offence

Through 'Type of Offence' screen, Admin user can edit an offence type in the grid. These offence types would be visible in the dropdown lists of the offences. The button would only be visible if No record exists against this offence type.

Admin user can also delete an offence type in the grid. The button would only be visible if No record exists against this offence type.

1

Edit



- Click on 'Edit' button to modify the Type of Offence record.
- 'Type of Offence' field gets enabled with pre populated data.

2

Type of Offence

Other

- Modify the record in 'Type of Offence' Field.





3

Save



- Click on 'Save' button, system verify the required fields.
- System updates the data into the database & displays a message "Records saved successfully".

4

Cancel



- Click on 'Cancel' button to discard the information.

5

Delete



- Click on 'Delete' button.
- A prompt message appears "***Are you sure you want to delete this record?***"
- Click on 'Yes' button, system shows the following message on successful deletion 'Record deleted successfully'
- Click on 'No' button, system hides the prompt message.
- If record is associated with other record then system will prompt the user by showing the message '***Record cannot be deleted. Associated with other record(s).***'

6

Page Numbers

1 2

- Click on a page number to move to a specific page.

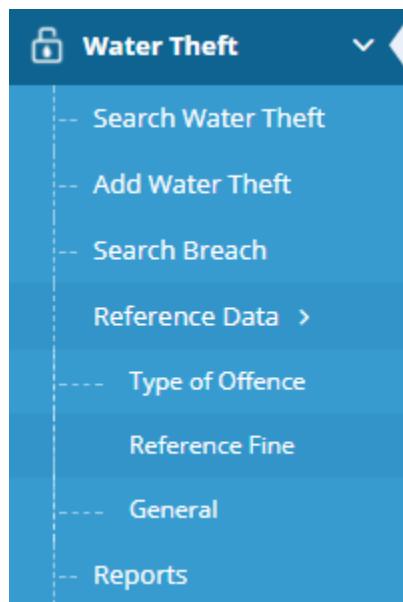




15. Reference Data - Fine

Through 'Fine' screen, Admin user can View and Edit the Fine information.

How to Access: Left Menu -> Reference Data -> Reference Fine



The screenshot shows the 'Reference Fine' edit screen. It has three main data rows:

Area Type	Fine Against 1 Unit (Rupees)	Percentage (Maximum % can be 20)	Edit
Acre	500	20	<input type="button" value="Edit"/> <input type="button" value="Save"/> <input type="button" value="Cancel"/>
Kanal	500	20	<input type="button" value="Edit"/> <input type="button" value="Save"/> <input type="button" value="Cancel"/>

Below the table, there are three numbered callouts pointing to specific elements:

- 2 Area Type (points to the 'Kanal' input field)
- 3 Fine Against 1 Unit (Rupees) (points to the '500' input field)
- 4 Percentage (Maximum % can be 20) (points to the '20' input field)

On the far right, there is a vertical legend with numbered buttons:

- 1 Edit
- 2 Save
- 3 Cancel



1

Edit



- Click on 'Edit' button to modify the Fine record.
- Acre field cannot be edited.
- Fine against 1 Unit (Rupees) and Percentage (Maximum % can be 20) fields gets enabled with pre populated data.

2

Area Type

Kanal

- Acre field is disable and cannot be modified.

3

Fine Against 1 Unit (Rupees)

500

- Enter 'Fine Against 1 Unit (Rupees)' in the text field.

4

Percentage (Maximum % can be 20)

20

- Enter 'Percentage (Maximum % can be 20)' in the text field.

5

Save



- Click on 'Save' button, system verify the required fields.
- System updates the data into the database & displays a message "Records saved successfully".

6

Cancel



- Click on 'Cancel' button to discard the information.

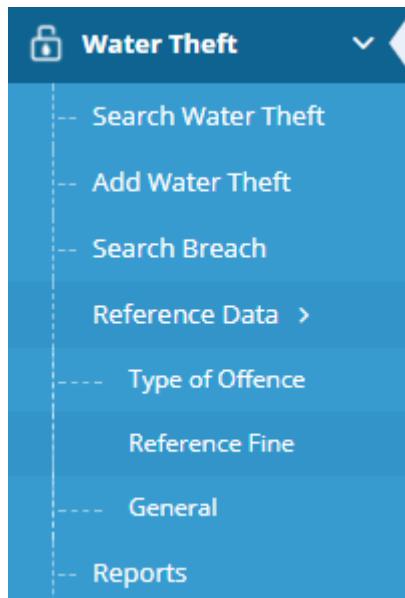




16. Reference Data - General

Through 'General' screen, Admin user can edit the General information.

How to Access: Left Menu -> Reference Data -> General



1

Ignored Field





100

- ‘Ignored Field’ value is pre populated.
- Modify the record in the ‘Ignored Field’ text field.

2

Update

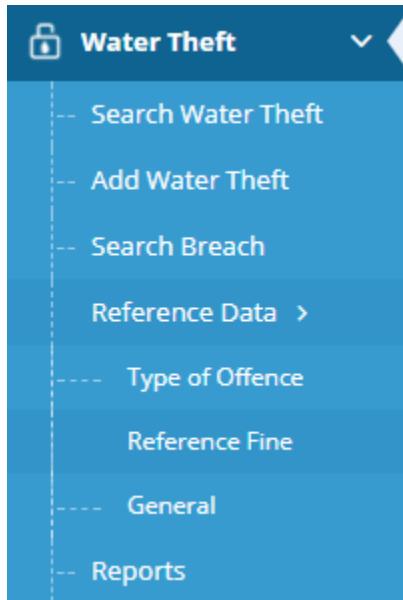
Update

- Click on ‘Save’ button, system verify the required fields.
- System updates the data into the database & displays a message “Records saved successfully”.

Water Theft Case Report

Through ‘Water Theft Case Report’ screen, user can view the Case Information, Working Details, Case Remarks, Reported By and Report Date/Time. User can save the report in pdf format and can print the report.

How to Access: Left Menu -> Search Water Theft ->Print





Save Print

1 2

[Navigation icons] [Page 1 of 1] [Zoom 100%] [Find] [Next] [Search] [Print]

WATER THEFT CASE

Case Information

Case ID	WT000091	Channel	Abbassia Link Canal
Outlet	216+111/L	Date & Time	07-Sep-2016 10:50 AM
Theft Type		Condition of Outlet	Defective
Case Status	Closed		

Working Details

SBE

Canal Wire#	CW1000	Canal Wire Date	07-Sep-2016	Date of Repair	07-Sep-2016
-------------	--------	-----------------	-------------	----------------	-------------

SDO

Canal Wire#	CW10001	Canal Wire Date	07-Sep-2016	XEN Case #	85222
Decision Type	Proceed US 70	Decision Date	08-Sep-2016	XEN Case Date	08-Sep-2016
Special Charges	Rs. 2,000	Area Booked	2 Acre	Fine	Rs. 1,200
Police Letter #	12520	FIR #	16220	FIR Date	08-Sep-2016

Case Remarks

Remarks	Remarks By	Date
Outlet incident has been added by SBE.	hoor bano (SBE)	07-Sep-2016 10:51 AM
SBE working on logged case and assigned to relevant SDO.	hoor bano (SBE)	07-Sep-2016 03:59 PM
SDO completed its working and assigned the case to Ziladaar	Irrigation SDO (SDO)	07-Sep-2016 04:33 PM
Ziladaar completed its working and assigned to SDO.	ziladaar sb (Ziladaar)	08-Sep-2016 10:52 AM
SDO completed Tawaan working and assigned to XEN.	Irrigation SDO (SDO)	08-Sep-2016 12:02 PM
XEN completed its working and close the case.	Irrigation XEN (XEN)	08-Sep-2016 03:27 PM

WRMIS System Generated Report Page 1 of 1

Report By: Irrigation Chief [Chief Irrigation] Report Time: 15-Mar-2016 03:31 PM

1

Save



- Click on 'Save' icon to save the file in pdf format.

2

Print



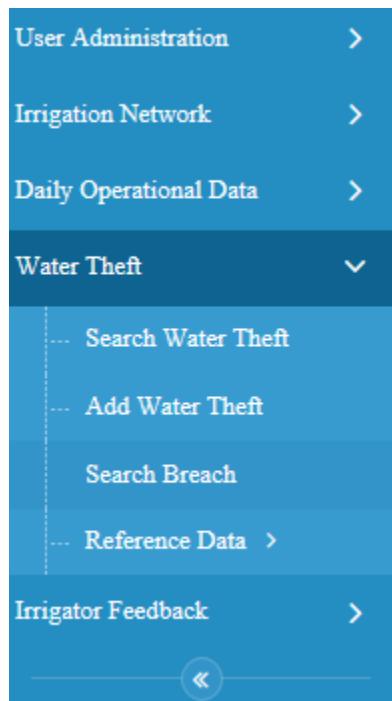


- Click on 'Print' icon to print the report.

17. Water Theft Case Report – Appeal

Through 'Water Theft Case Report - Appeal' screen, user can view the Case Information, Working Details, Case Remarks, Reported By and Report Date/Time. User can save the report in pdf format and can print the report.

How to Access: Left Menu -> Search Water Theft -> Print





Save Print

1 2

◀ ▶ 1 of 1 ▶ ▷ ◀ ▶ 100% ▼ Find Next ↶ ↽ ↶ ↽

WATER THEFT CASE

Case Information

Case ID	WT000091	Channel	Abbassia Link Canal
Outlet	216+111/L	Date & Time	07-Sep-2016 10:50 AM
Theft Type		Condition of Outlet	Defective
Case Status	Appealed		

Working Details

<u>SBE</u>			
Canal Wire#	CW1000	Canal Wire Date	07-Sep-2016
		Date of Repair	07-Sep-2016
<u>SDO</u>			
Canal Wire#	CW10001	Canal Wire Date	07-Sep-2016
Decision Type	Proceed US 70	Decision Date	08-Sep-2016
Special Charges	Rs. 2,000	Area Booked	2 Acre
Police Letter #	12520	FIR #	16220
		Fine	Rs. 1,200
		FIR Date	08-Sep-2016

Case Remarks

Remarks	Remarks By	Date
Outlet incident has been added by SBE.	hoor banoo (SBE)	07-Sep-2016 10:51 AM
SBE working on logged case and assigned to relevant SDO.	hoor banoo (SBE)	07-Sep-2016 03:59 PM
SDO completed its working and assigned the case to Ziladaar	Irrigation SDO (SDO)	07-Sep-2016 04:33 PM
Ziladaar completed its working and assigned to SDO.	ziladaar sb (Ziladaar)	08-Sep-2016 10:52 AM
SDO completed Tawaan working and assigned to XEN.	Irrigation SDO (SDO)	08-Sep-2016 12:02 PM
XEN completed its working and close the case.	Irrigation XEN (XEN)	08-Sep-2016 03:27 PM
Chief completed the appeal working and assigned back to XEN.	Irrigation Chief (Chief Irrigation)	08-Sep-2016 03:37 PM

WRMIS System Generated Report

Page 1 of 1

Report By: Irrigation XEN [XEN] Report Time: 15-Mar-2016 03:39 PM

1
Save




- Click on 'Save' icon to save the file in pdf format.

2

Print

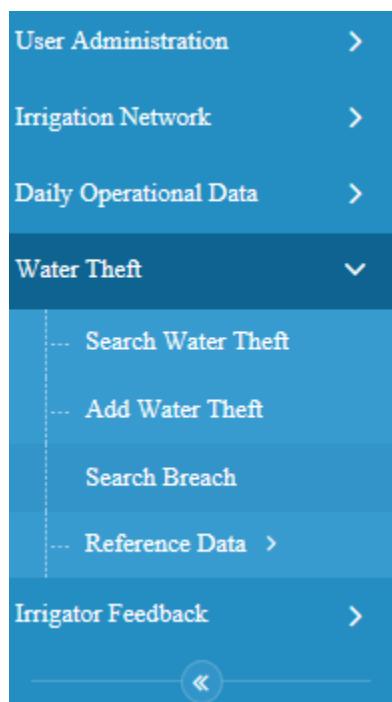


- Click on 'Print' icon to print the report.

18. Search Breach

Through 'Search Breach' screen user can search already saved Breach cases. System displays list of breach cases based on selected search parameters. For example, upon selecting From Date and To Date, system will display list of breach cases against selected date range. Against each record, 'View' button is displayed and system will navigate user to the respective screen.

How to Access: Left Menu -> Search Breach





The screenshot shows a search interface for water theft cases. At the top, there are search criteria: 'Case ID' (with input field 'BRXXXXXX'), 'From Date' (set to '01-Jul-2016') and 'To Date' (set to '18-Oct-2016'). Below these are 'Search' and 'Add New' buttons. A 'View' button is highlighted with a blue circle and number 5. The main area displays a table of search results:

Case No.	Channel	Type of Offence	Reduced Distance (RD)	Offence Site	Offence Date	Action
BR000022	Abbassia Link Canal	Breach	222-222	Channel	19-Sep-2016	
BR000021	Abbassia Link Canal	Breach	156+077	Channel	15-Sep-2016	
BR000020	Abbassia Feeder	Breach	3+002	Channel	15-Sep-2016	
BR000019	Abbassia Link Canal	Breach	150+121	Channel	06-Sep-2016	
BR000018	Abbassia Link Canal	Breach	190+000	Channel	05-Sep-2016	
BR000017	Abbassia Link Canal	Breach	160+000	Channel	05-Sep-2016	
BR000015	Abbassia Feeder	Breach	5+001	Channel	05-Sep-2016	
BR000014	Abbassia Feeder	Breach	2+015	Channel	05-Sep-2016	
BR000013	Abbassia Feeder	Breach	1+055	Channel	05-Sep-2016	
BR00009	Abbassia Feeder	Breach	1+001	Channel	05-Sep-2016	

Search Criteria

1

Case ID

BRXXXXXXX

- Enter 'Case ID' in the text field.
- Enter case ID in the 'BRXXXXXXX' format.

2

From Date



01-Jul-2016



- By default, previous date appears in the 'From Date' text field.
- To select other date, click on From Date text field.
- Date calendar appears, select date from the date calendar.
- To remove the date, click on Cross button along with From Date text field.

3

To Date



18-Oct-2016



- By default, current date appears in the 'To Date' text field.
- To select other date, click on To Date text field.
- Date calendar appears, select date from the date calendar.





- To remove the date, click on Cross button along with To Date text field.

4

Search

Search

- Click on the 'Search' button.
- System displays all the records as per the search criteria given by the user.
- System displays all records if no search criteria is given.
- If there is no record against the entered search criteria, system shows the message '**No record found**'.
- The logged in user can only see the breach case that are in the divisions/channels he has been assigned to.

Case No.	Channel	Type of Offence	Reduced Distance (RD)	Offence Site	Offence Date	Action
BR000022	Abbassia Link Canal	Breach	222+222	Channel	19-Sep-2016	
BR000021	Abbassia Link Canal	Breach	156+077	Channel	15-Sep-2016	
BR000020	Abbassia Feeder	Breach	3+002	Channel	15-Sep-2016	
BR000019	Abbassia Link Canal	Breach	150+121	Channel	06-Sep-2016	
BR000018	Abbassia Link Canal	Breach	190+000	Channel	05-Sep-2016	
BR000017	Abbassia Link Canal	Breach	160+000	Channel	05-Sep-2016	
BR000015	Abbassia Feeder	Breach	5+001	Channel	05-Sep-2016	
BR000014	Abbassia Feeder	Breach	2+015	Channel	05-Sep-2016	
BR000013	Abbassia Feeder	Breach	1+055	Channel	05-Sep-2016	
BR00009	Abbassia Feeder	Breach	1+001	Channel	05-Sep-2016	

Actions against retrieved data

5

View



- Click on 'View' icon in the grid.
- System displays the Breach case detail information in read only form.





Division	Punjab Headworks	Channel	Abbassia Link Canal
R.D.	222 + 222	Side	Left
Checking Date	19-Sep-2016	Checking Time	11:36 AM
Head Discharge	22	Length of Breaching Section	22
Comments	Remarks	Attachments	View Attachments

[Back](#)

6

Add New

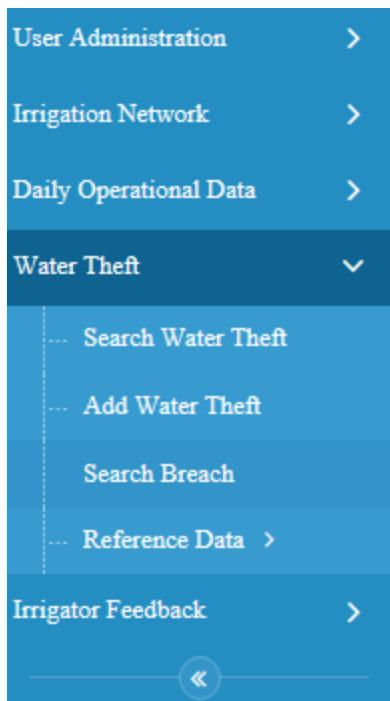
[Add New](#)

- Click on 'Add New' button to add new breach case.

19. Add Breach

User adds the Breach Case information into the system from this screen.

How to Access: Left Menu -> Search Breach -> Add New





The screenshot shows a form for entering breach information. The fields are labeled with numbers 1 through 12:

- Division (1)
- R.D. (3)
- Side (2)
- Checking Date (5)
- Head Discharge (7)
- Length of Breaching Section (8)
- Comments (9)
- Attachments (10)
- Save (11)
- Back (12)

1

Division

Punjab Headworks

- If the user is associated to only one division then it will show that particular division only in disabled form.
- When enabled, 'Division' is a required field for saving the breach information.
- For XEN, more than one divisions can populate.
- User (XEN) can select the 'Division' from the drop down.

2

Channel

Select

- Only Channels assigned to the user from the irrigation Network against his role would available in the dropdown.
- Select 'Channel' from the drop down.
- 'Channel' is a required field for saving the breach information.

3

RD

+ R.D.

- Enter Left Side R.D. and Right Side R.D. values in the text fields.
- Enter values in feet.
- The RD that is entered must lie in the range of the RD's in the Users jurisdiction.
- 'RD' is a required field for saving the breach information.





4

Side

Select



- Select 'Side' from the drop down.
- 'Side' is a required field for saving the breach information.

5

Checking Date

18-Oct-2016

- By default, current date appears in the 'Checking Date' text field.
- To select other date, click on Checking Date text filed.
- Date calendar appears, select date from the date calendar.
- To remove the date, click on Cross button along with Checking Date text field.
- 'Checking Date' is a required field for saving the breach information.

6

Checking Time

02 : 21 PM

- By default, current time appears in the 'Checking Time' text field.
- Select Hours, Minutes and Time convention from the drop downs.
- 'Checking Time' is a required field for saving the breach information.

7

Head Discharge

- Enter 'Head Discharge' in the text field.
- 'Head Discharge' is a required field for saving the breach information.

8

Length of Breaching Section

- Enter 'Length of Breaching Section' in the text field.
- 'Length of Breaching Section' is a required field for saving the breach information.

9

Comments





- Enter ‘Comments’ in the text area field.
- ‘Comments’ is a required field for saving the breach information.

10

Attachments

<input type="text"/>	Browse...

- Click on ‘Browse’ button.
- A dialogue box will open, select the file and click ‘Open’ button.
- The file name will appear in the text field.
- User is able to upload multiple photos against a case.
- ‘Attachments’ is a required field for saving the breach information.

11

Save

Save

- Click on ‘Save’ button, system verify all the required fields.
- System saves the data into the database & displays a message “Records saved successfully” and a Case ID is generated.
- Relevant users will get a Notification once the system has received the case is logged in the application.

12

Back

Back

- By clicking on the ‘Back’ button, system moves the user to Water Theft Identification screen.





20. Water Theft Android

Through Android application, Water Theft module provide an interface to add and maintain water theft cases.

Once the case is logged through android, it is assigned to SBE directly with an auto generated case ID. The Case ID would be used for the effective search of Water theft cases in the searching.

Business User: SBE, SDO, XEN, Ziladar, Chief Irrigation, SE, MA, ADM

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

Pre-Requisite: Water Theft Role and Rights should be assigned to respective user correctly.



21. Water Theft Identification

Through 'Water Theft Identification' screen, system displays Zone, Circle, Division, Sub Division and Sections selected and in disabled form of a user associated to only one division to add Channel Cut, Outlet Cut and Breach. For XEN, more than one divisions can populate.

The screenshot shows the 'Water Theft' interface with three main sections: 'ADD CHANNEL CUT', 'ADD OUTLET CUT', and 'ADD BREACH'. On the left, there are dropdown menus for selecting administrative levels:

- Zone:** Bahawalpur (labeled 1)
- Division:** Punjab Headworks (labeled 3)
- Section:** Hydraulic (labeled 5)
- Circle:** Bahawalpur (labeled 2)
- Sub-Division:** Punjab (labeled 4)



1

Zone

- Zone is selected and in disabled form.

2

Circle

- Circle is selected and in disabled form.

3

Division

- If the user is associated to only one division then it will show that particular division only in disabled form.
- 'Division' is a required field for saving Channel Incident record.
- For XEN, more than one divisions can populate.
- User (XEN) can select the 'Division' from the drop down.
- On selection of division, relevant sub divisions are populated in the Sub Division dropdown.

4

Sub Division

- If the user is associated to only one division then Sub Division is selected and in disabled form.
- For XEN, select Sub Division from the drop down.
- On selection of sub division, relevant sections are populated in the Sections dropdown.

5

Section



- If the user is associated to only one division then Section is selected and in disabled form.
- For XEN, select Section from the drop down.
- On selection of section, relevant channels are populated in the Channel dropdown.

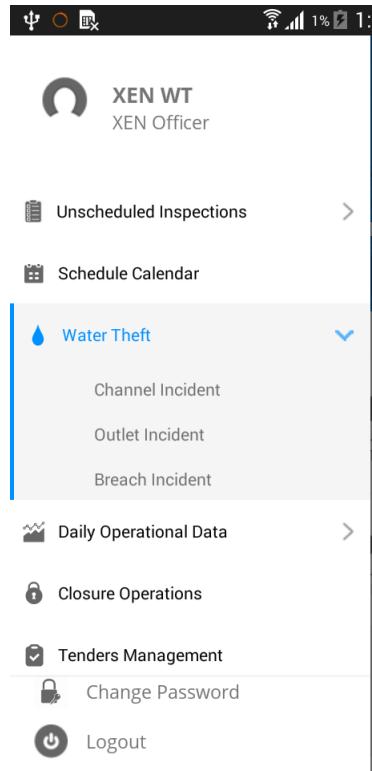




22. Add Channel Incident

User adds the Channel Incident information into the system from this screen.

How to Access: Left Menu -> Channel Incident





Hydraulic

3:25

Select Channel 1 Abbassia Feeder

Enter RD 2 +

Select Side 3 Left

Select Offence Type 4 Takki

Remarks 5

Photo 6

Submit 7

Submit



1

Select Channel

Abbassia Feeder



- Only Channels assigned to the user from the irrigation Network against his role would available in the dropdown.
- Select 'Channel' from the drop down.
- 'Channel' is a required field for saving Channel Incident record.

2

Enter RD

+

- Enter Left Side R.D. and Right Side R.D. values in the text fields.
- Enter values in feet.
- The RD that is entered must lie in the range of the RD's in the Users jurisdiction.
- 'RD' is a required field for saving Channel Incident record.

3

Select Side

Left



- Select 'Side' from the drop down.
- 'Side' is a required field for saving Channel Incident record.

4

Select Offence Type

Takki



- Select 'Offence Type' from the drop down.
- Condition of Cut drop down visible in case Offence Type is selected as 'Cut' otherwise it will be invisible.
- 'Offence Type' is a required field for saving Channel Incident record.

5

Remarks

- Enter 'Remarks' in the text area field.
- 'Remarks' is a required field for saving Channel Incident record.

6

Photo





- Tap on ‘Photo’ button.
- Mobile Camera will open, tap on camera icon to take the snapshot.
- User is able to add multiple photos against a case.
- ‘Photo’ is a required field for saving Channel Incident record.

7

Submit

Submit

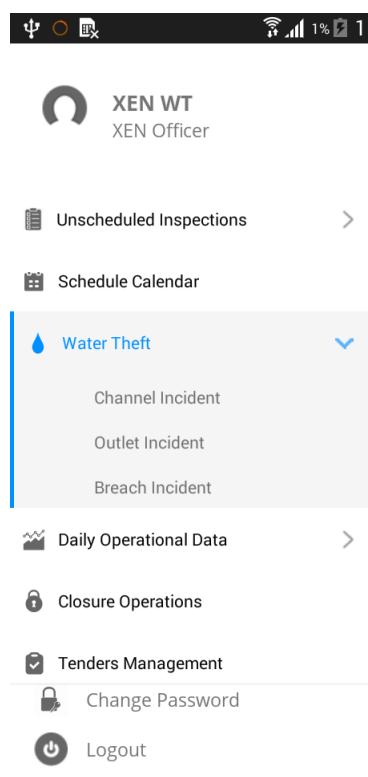
- Click on ‘Submit’ button, system verify all the required fields.
- If the PMIU Staff(MA,ADM) has logged a Water theft case against specific parameters and then after that SBE logs the case on the same day with all the same parameter but with a difference of 100 Ft RD(+-) then the case of SBE would not be entered.
- System saves the data into the database & displays a message “Records saved successfully” and a Case ID is generated.
- Relevant users will get a Notification once the system has received the case is logged in the application.
- The Case logged here is assigned to the relevant SBE.



23. Add Outlet Incident

User adds the Outlet Incident information into the system from this screen.

How to Access: Left Menu -> Outlet Incident





Hydraulic

← Select Channel
Abbassia Link Canal

Select Outlet
Outlet 170 + 004 / L

Type
Open Flume Outlets

Select Condition
Tempered

Select Theft type
Crest Tempered

Enter H

Remarks

Photo

Submit





← H/PLOT

Outlet 11+281/R

Type
Not Available

Select Condition Defective

Select Condition 10

Enter H
5

Select Defective Type 11
Defective type
Due to high H as DOH ▾ Enter B

Enter B 12

Enter Y 13

Enter DIA 14

Enter Y Enter DIA

Remarks



Submit



1

Select Channel

Abbassia Link Canal

- Only Channels assigned to the user from the irrigation Network against his role would available in the dropdown.
- Select 'Channel' from the drop down.
- On selection of Channels, relevant outlets will populate in the Outlet drop down.
- 'Channel' is a required field for saving Outlet Incident record.

2

Select Outlet

Outlet 170 + 004 / L

- Select 'Outlet' from the drop down.
- 'Outlet' is a required field for saving Outlet Incident record.
- On selection of 'Outlet', its Type information is displayed in read only form in 'Type' drop down.

3

Type

Open Flume Outlets

- Type is selected and in disable form.

4

Select Condition

Tempered

- Select 'Outlet Condition' from the drop down.
- 'Outlet Condition' is a required field for saving Outlet Incident record.

5

Select Theft Type

Crest Tempered

- Select 'Theft Type' from the drop down.
- Enabled by default. The drop down will disappear if the value in Outlet Condition is Defective.
- In case of selected values other than defective in Outlet Condition drop down, 'Theft Type' is a required field for saving Outlet Incident record.

6

Enter H





- Enter Value of H into the 'Enter H' Text field
- 'Value of H' is a required field for saving Outlet Incident record.

7

Remarks

- Enter 'Remarks' in the text area field.
- 'Remarks' is a required field for saving Outlet Incident record.

8

Photo



- Tap on 'Photo' button.
- Mobile Camera will open, tap on camera icon to take the snapshot.
- User is able to add multiple photos against a case.
- 'Photo' is a required field for saving Outlet Incident record.

9

Submit

Submit

- Click on 'Save' button, system verify all the required fields.
- If the PMIU Staff(MA,ADM) has logged a Water theft case against specific parameters and then after that SBE logs the case on the same day with all the same parameter but with a difference of 100 Ft RD(+-) then the case of SBE would not be entered.
- System saves the data into the database & displays a message "Records saved successfully" and a Case ID is generated.
- Relevant users will get a Notification once the system has received the case is logged in the application.
- The Case logged here is assigned to the relevant SBE.

10

Select Condition

Select Condition

Defective

▼

- Select Defective 'Outlet Condition' from the drop down.
- On the Selection of the Defective, Defective type drop down and three other text field will enabled





- ‘Outlet Condition’ is a required field for saving Outlet Incident record.

11

Defective Type

Defective type
Due to high H as DOH ▾

- Select Defective type from the ‘Defective type’ drop down.
- Defective type drop down appears only if the value in Condition of Outlet is Defective.
- ‘Defective Type’ is a required field for saving Outlet Incident record.

12

Enter B

Enter B

- Enter ‘Value of B’ in the text field
- Disabled by default. Only enables if the value in Outlet Condition is Defective.
- This field is mandatory if the defective type is following
 - Due to high B as DOB
 - Due to low B as DOB

13

Enter Y

Enter Y

- Enter ‘Value of Y’ in the text field
- Disabled by default. Only enables if the value in Outlet Condition is Defective.
- This field is mandatory if the defective type is following
 - Due to high Y as DOY
 - Due to low Y as DOY

14

Enter DIA

Enter DIA

- Enter ‘Value of DIA’ in the text field
- Disabled by default. Only enables if the value in Outlet Condition is Defective.
- This field is mandatory if the defective type is following
 - Due to high DIA as DOD
 - Due to low DIA as DOD

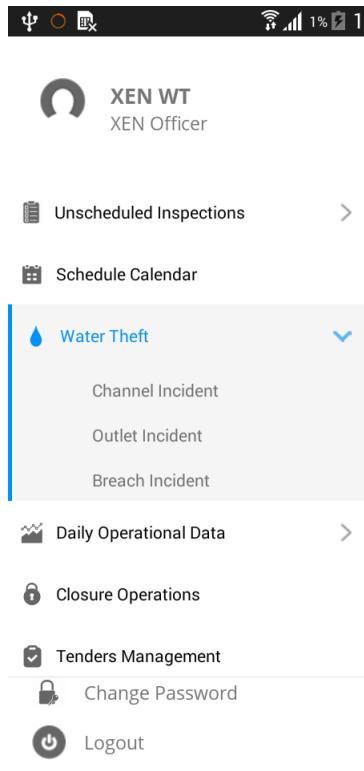




24. Add Breach Incident

User adds the Breach Case information into the system from this screen.

How to Access: Left Menu -> Breach Incident





3:26

Hydraulic

Select Channel 1 Abbassia Feeder

Enter RD 2 Enter RD +

Side 3 Side Left

Head Discharge 4 Head Discharge

Length of Breaching 5 Length of breaching

Remarks 6 Remarks

Photo 7 Photo

Submit 8 Submit

This figure displays a mobile application interface titled "Hydraulic". The screen is divided into several sections: "Select Channel" (1) showing "Abbassia Feeder", "Enter RD" (2) with a plus sign, "Side" (3) set to "Left", "Head Discharge" (4), "Length of breaching" (5), "Remarks" (6), and a "Photo" button (7) with a camera icon. At the bottom is a green "Submit" button (8). The top right corner shows the time as 3:26.



1

Select Channel

Abbassia Feeder



- Only Channels assigned to the user from the irrigation Network against his role would available in the dropdown.
- Select 'Channel' from the drop down.
- 'Channel' is a required field for saving the breach information.

2

Enter RD



- Enter Left Side R.D. and Right Side R.D. values in the text fields.
- Enter values in feet.
- The RD that is entered must lie in the range of the RD's in the Users jurisdiction.
- 'RD' is a required field for saving the breach information.

3

Side

Left



- Select 'Side' from the drop down.
- 'Side' is a required field for saving the breach information.

4

Head Discharge

- Enter 'Head Discharge' in the text field.
- 'Head Discharge' is a required field for saving the breach information.

5

Length of Breaching

- Enter 'Length of Breaching Section' in the text field.
- 'Length of Breaching Section' is a required field for saving the breach information.

6

Remarks

- Enter 'Remarks' in the text area field.
- 'Remarks' is a required field for saving Outlet Incident record.





7

Photo



- Tap on 'Photo' button.
- Mobile Camera will open, tap on camera icon to take the snapshot.
- User is able to add multiple photos against a case.
- 'Photo' is a required field for saving Outlet Incident record.

8

Submit

Submit

- Tap on 'Submit' button, system verify all the required fields.
- System saves the data into the database & displays a message "Records saved successfully" and a Case ID is generated.
- Relevant users will get a Notification once the system has received the case is logged in the application.