



FEDERAL PROJECT MANAGEMENT UNIT  
FEDERAL WATER MANAGEMENT CELL  
MINISTRY OF NATIONAL  
FOOD SECURITY & RESEARCH  
ISLAMABAD - PAKISTAN

# NATIONAL PROGRAM FOR IMPROVEMENT OF WATERCOURSES IN PAKISTAN PHASE-II: (NPIWC-II)

MONITORING, EVALUATION  
AND IMPACT EVALUATION  
CONSULTANTS



## PMIS DASHBOARD MANUAL

VERSION 1.0



## **GIS-PMIS Dashboard Advantages**

GIS-PMIS Dashboard fulfills the Organization's Data Management Needs at project and component level:

### **Project Level**

- ✓ Serve the day-to-day data needs of field projects.

### **Component Level**

- ✓ Operate at the component level and allow Data Aggregation and Data Visualization from the project.

GIS-PMIS Dashboard, seamlessly measures the development results, monitors, indicators, manages the components, improves planning, and reporting processes.

GIS-PMIS Dashboard allows users to:

- ✓ Access live Data of project component wise.
- ✓ Collaboratively plan and report.
- ✓ Analyse collected data.

## **Platform Requirements**

- Internet connection: a minimum of 256 Kbps.
- It also needs to be a stable connection to reduce log off and lags.

GIS-PMIS Dashboard is compatible with all the operating systems. It also works on various browsers: Chrome (v.47 and +), Firefox (v.42 and +), Safari (v.8 and +). This being said, GIS-PMIS Dashboard is optimized for Chrome, and we recommend using this platform for accessing the system.

**To install the most recent version of Chrome on your computer:**

<https://www.google.com/chrome/>

*Please avoid using Internet Explorer as the platform is not optimized for this browser.*

## **Difficulties Accessing the Application?**



If difficulties occur while accessing the application, please consult IT department personnel to have proper access permissions setup for use.

If the problem cannot be resolved, please email M&EC GIS department at "[NPIWC-Ilmne@outlook.com](mailto:NPIWC-Ilmne@outlook.com)".

# GIS INTEGRATED PMIS DASHBOARD MANUAL

## (Special Report)

### Table of Contents

GIS-PMIS Dashboard Advantages .....	1
Platform Requirements .....	1
Difficulties Accessing the Application? .....	1
1. GIS Dashboard .....	5
2. Dashboard Layout Overview .....	6
2.1. Menu bar .....	6
2.2. Filter bar .....	7
2.3. Header Bar .....	8
Dashboard Data Updating Status .....	8
Username .....	8
Logout .....	8
3. Dashboard Overview .....	9
3.1. Basic Overview .....	9
4. Dashboard .....	10
5. Watercourse Analytical Dashboard .....	11
5.1. Filter Bar .....	11
5.1.1. Zone/Unit .....	12
5.1.2. Division .....	12
5.1.3. District .....	12
5.1.4. Tehsil .....	13
5.1.5. Canal .....	13
5.1.6. Status .....	13
5.1.7. Search .....	14
5.2. Watercourse Figures .....	15
5.3. Graphical Information .....	16
5.3.1. Target vs Achieved .....	16
5.3.2. Month-Wise Lined Watercourses comparison .....	17
5.3.3. Trend of Lining Types .....	18
5.4. Financial Progress .....	18
6. Stuck Ups Dashboard .....	19
6.1. Stuck Ups .....	19
6. ....	19

6.1.1.	Watercourse - Dataset .....	19
7.	Water Storage Tank (WST) Analytical Dashboard .....	20
7.1.	Filter Bar .....	20
7.1.1.	Zone/Unit.....	21
7.1.2.	Division .....	21
7.1.3.	District .....	21
7.1.4.	Tehsil .....	22
7.2.	Water Storage Tank Figures .....	23
7.3.	Graphical Information.....	23
7.3.1.	Target vs Achieved.....	23
7.3.2.	Month-Wise Lined Watercourses comparison .....	25
7.4.	Financial Progress .....	26
8.	Stuck Ups Dashboard .....	27
8.1.	Stuck Ups .....	27
8.1.1.	Watercourse - Dataset .....	27
9.	PLL Analytical Dashboard .....	28
9.1.	Filter Bar .....	28
9.1.1.	Zone/Unit.....	29
9.1.2.	Division .....	29
9.1.3.	District .....	29
9.1.4.	Tehsil .....	30
9.2.	Precision Laser Land Leveling Figures.....	31
9.3.	Graphical Information.....	31
9.3.1.	Target vs Achieved.....	31
9.3.2.	Month-Wise Lined Watercourses comparison .....	33
9.4.	Financial Progress .....	34



## How to log in PMIS Dashboard

To log in, you must have the URL link provided by the corresponding email with your login credentials.

An account must have been created for you with your e-mail address and you should have been assigned a temporary password. If you do not have these 3 elements you will not be able to log in, in this case, please contact GIS & Information System Department (ME&IEC) With this information, you can navigate to the log-in page:



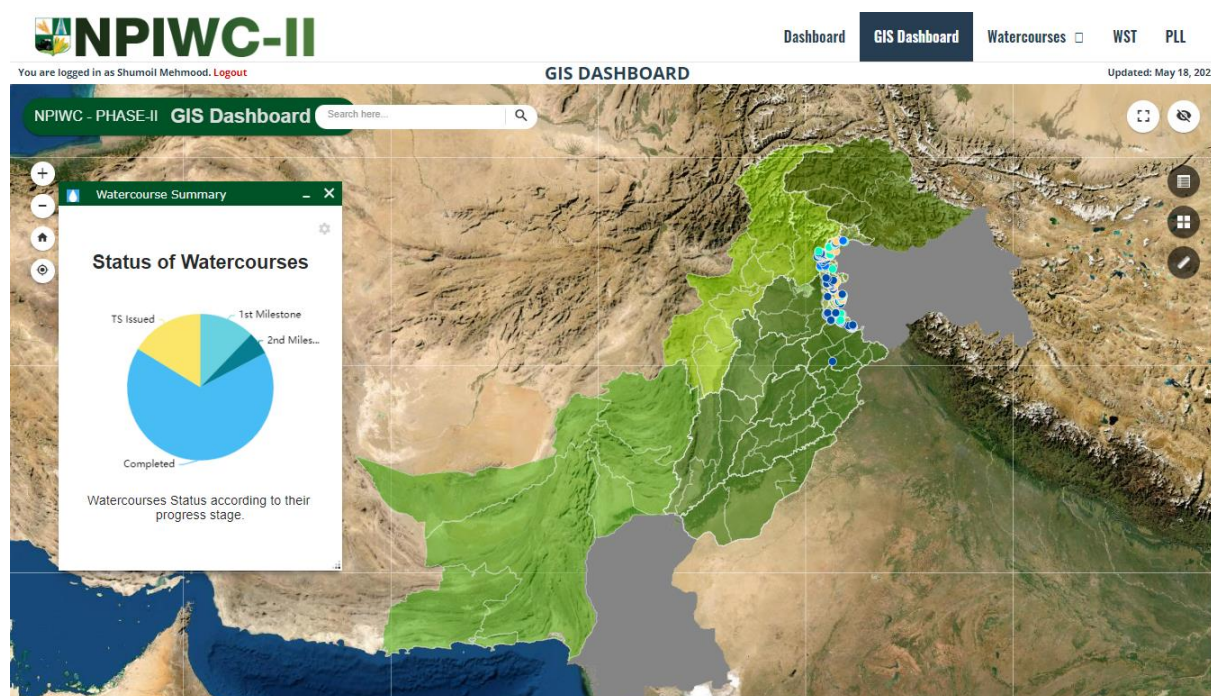
When you log in, you will likely get the following screen for the overview of the current and previous year component wise progress abstract.

NPIWC-II - PROGRESS DASHBOARD										
Updated: May 19, 2021										
Zone/Unit										
INTERVENTIONS:	STATUS	PROJECT TARGETS	LAST YEAR		CURRENT YEAR					PROGRESS % AGAINST PROJECT TARGETS
			LAST YEAR PROGRESS	CUMULATIVE PROGRESS	CURRENT TARGETS	CURRENT PROGRESS	PROGRESS %	CUMULATIVE TARGETS	CUMULATIVE PROGRESS	
1- Improvement of Watercourses:	ONGOING	14,389	662	1,886	0	81	0%	1,886	1,988	13.8%
1a- New Watercourse	ONGOING	11,389	627	1,710	0	41	0%	1,710	1,795	15.8%
1b- Reconstruction of Old & Additional Lining up-to 50%	ONGOING	3,000	20	25	0	13	0%	25	41	0
2- Construction of Water Storage Tanks:	ONGOING	5,600	165	687	0	27	0%	687	730	13.0%
3- Provision of Precision Laser Land Leveler	ONGOING	605	0	0	0	0	0%	0	0	0%

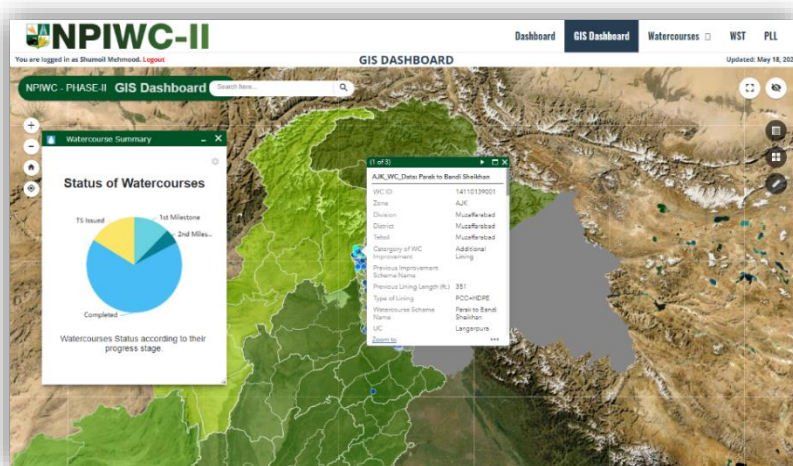
## 1. GIS Dashboard

The GIS dashboard represents geographical information of Watercourses, Water Storage Tanks and Laser Land Leveling Components based on received coordinates collected/provided by the concerned departments.

Watercourse component data is visible on GIS Dashboard due to lack of coordinates data of other components.



Status of Watercourses (TS Issued, 1<sup>st</sup> Milestone, 2<sup>nd</sup> Milestone & Completed) displayed in pop-up window marked with different colors and each color wise dots are depicted on the map. Each dot belongs to one Watercourse and by click on specific dot you can view the watercourse information like its Division, District, Taluka, Category, Watercourse name, WUA information and Payment data. You can view Watercourse Mohga location on map by click on “**Zoom to**” as given at the bottom of the pop-up window.



(1 of 7)

**AJK\_WC\_Data: Bantil Khushak Seri**

WC ID	14130226001
Zone	AJK
Division	Muzaffarabad
District	Neelum
Tehsil	Sharda
Category of WC	Rehabilitation/Restoration
Improvement	
Previous Improvement Scheme Name	
Previous Lining Length (ft.)	
Type of Lining	PCC
Watercourse Scheme Name	Bantil Khushak Seri
UIC	

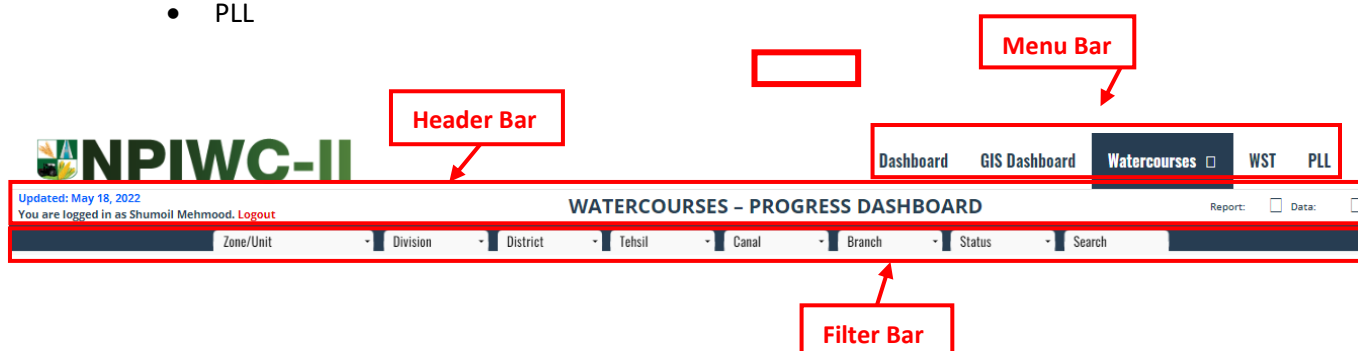
[Zoom to](#)

## 2. Dashboard Layout Overview

### 2.1. Menu bar

Menu bar allows you to access the different components in PMIS Dashboard. each component is a chapter in this user manual.

- Dashboard
- GIS Dashboard
- Watercourses
- WST
- PLL



Menu bar allows you to access the different components in PMIS Dashboard. each component is a chapter in this user manual.

- Dashboard
- GIS Dashboard
- Watercourses
- WST
- PLL

1. Menu Bar display Component-wise Dashboards. Each component Dashboard customized according to relevant component-based data.
2. While you are visiting Watercourse component dashboard and want to move into another component then you just need to click on the specific component accordingly.

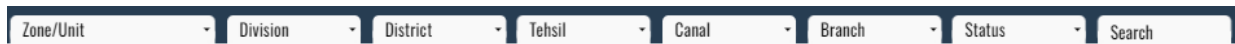
## 2.2. Filter bar

The selection/filter bar provide you different types of filters including

- Zone/Unit
- Division
- District
- Tehsil
- Canal
- Branch
- Status
- Search

Above mentioned filters, use to customize analytical views of data according to your choice.

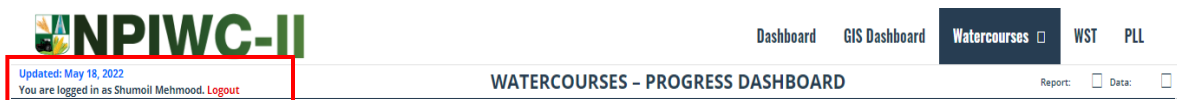
- By default, all filters are selected, and you need to choose filter according to your requirement. Selection of one filter will narrow down the selection list values of all other filters.





### 2.3. Header Bar

Appeared on top of the filter bar and display information about logged in user and data last updated status on PMIS Dashboard.



#### Dashboard Data Updating Status

The date of Last data updated on Dashboard will display here, this date may vary from Dashboard module wise according to data submission and their updating on dashboard.

#### Username

Logged in username will display here, user can logout from the Dashboard by clicking on logout button.

#### Logout

You can logout by clicking on this button and all the display windows will close and you will be redirected to the login screen.

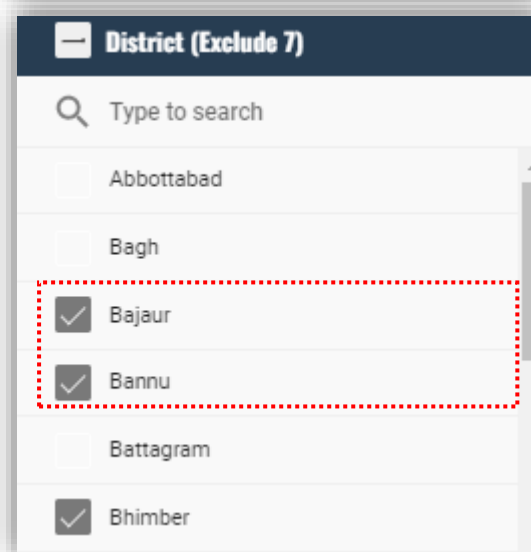
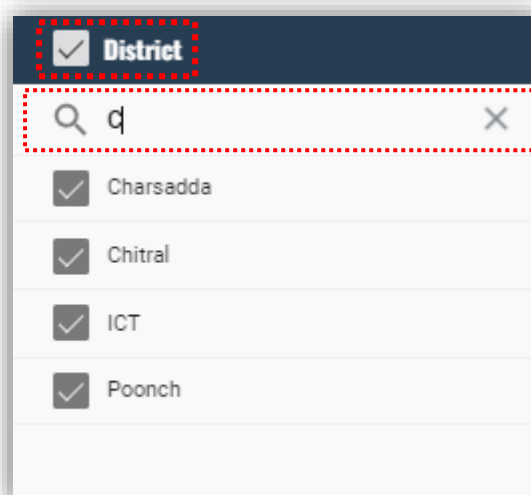
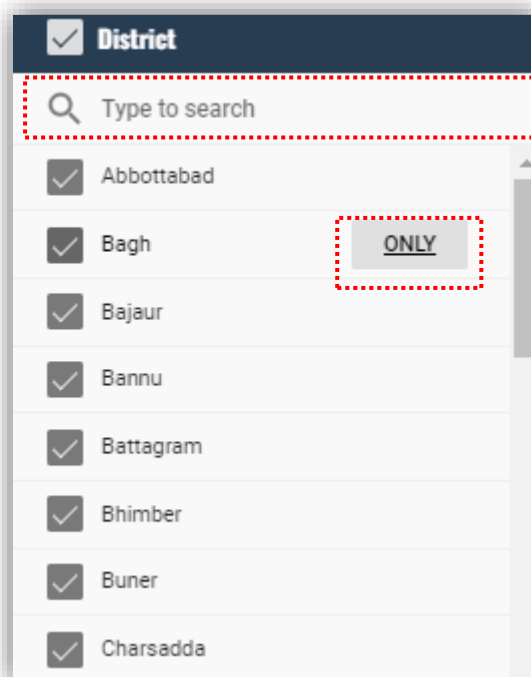
### 3. Dashboard Overview

#### 3.1. Basic Overview

1. Through Search box with filter lists you can search by typing and result will display accordingly.
2. Data available against each list name and analytical display will be based on respective data.
3. Search will hide other filter list names and relevant search result will display instead of whole list names (Refer to image-ii).
4. For Search box result window to normal view click on cross “X” button and all list names will display again.
5. Click on box along side with filter name and all values inside the filter will be selected. By click again on this box it will clear all selected values in the filter list.



6. On mouse hover “ONLY” button will appear with each corresponding list name and by pressing this button it will display corresponding selected value and data visualization change accordingly.
7. You can also select multiple values (Refer to image-iii) by selecting filter value boxes available with each list value and then only your selected values data display according to your selection.



## 4. Dashboard

This is the landing dashboard you will redirected here after logged in. This dashboard presents you the components wise “**Last & Current Year**” progress abstract summary to visualize the status of on-going activities of project interventions.

Zone/Unit filter integrated here for Zone/Unit wise separate data visualization according to your selection.



**NPIWC-II**

You are logged in as Shumail Mehmood. [Logout](#)

**NPIWC-II – PROGRESS DASHBOARD** Updated: May 21, 2020

Dashboard GIS Dashboard Watercourses WST PLL

Zone/Unit

INTERVENTIONS:	STATUS	PROJECT TARGETS	LAST YEAR		CURRENT YEAR					PROGRESS % AGAINST PROJECT TARGETS
			LAST YEAR PROGRESS	CUMULATIVE PROGRESS	CURRENT TARGETS	CURRENT PROGRESS	PROGRESS %	CUMULATIVE TARGETS	CUMULATIVE PROGRESS	
1- Improvement of Watercourses:	ONGOING	14,389	662	1,886	0	81	0%	1,886	1,988	13.8%
1a- New Watercourse	ONGOING	11,389	627	1,710	0	41	0%	1,710	1,795	15.8%
1b- Reconstruction of Old & Additional Lining up-to 50%	ONGOING	3,000	20	25	0	13	0%	25	41	0
2- Construction of Water Storage Tanks:	ONGOING	5,600	165	687	0	27	0%	687	730	13.0%
3- Provision of Precision Laser Land Leveler	ONGOING	605	0	0	0	0	0%	0	0	0%

## 5. Watercourse Analytical Dashboard

Component established to improve and rehabilitate tertiary distribution level watercourses. Activities under this component will include farmer mobilization, establishment of watercourse User Associations (WUAs) and their registration, survey and design and construction of about 47,278 water courses will be improved through the provision of lining (corresponding to 50 percent of watercourse length). The farmers will co-finance 40 percent of the costs.

### Watercourses

Dashboard based on all Watercourses parameters data and their relevant analytical data along with integrated filter bar for customized data visualization according to your choices. Filters detailed description is available in section (6.1).



### 5.1. Filter Bar

Watercourse Filter Bar provides Zone/Unit, Division, District, Tehsil, Canal and Search filters.

If you select **AJK** from “**Zone/Unit**” filter then all other filter values narrow down accordingly like Division, District, Tehsil, Canal, Branch and Status filters values will shorten according to **AJK**.





### 5.1.1. Zone/Unit

This filter provides you the list of Zone/Unit to change the data visualization according to your selection, Whatever, value you will select it will change all figures, & graphs accordingly.

### 5.1.2. Division

By default, all Zone/Unit **Divisions** are selected and all division names available inside the filter list, but as per you selection in the “**Zone/Unit**” filter it will shorten this filter list values and you can view only that specific “**Zone/Unit**” related divisions here. Data visualization change according to your selection and the other filters list values narrow down according to you selection. (Filters Basic Review refer to Section 4).

### 5.1.3. District

Districts names available inside this filter you can select single/multiple “**Districts**” to review the progress of the selected District(s). Your selection will change all figures and graphs and narrow down other filters list values. Like if you select Peshawar then *Tehsil, Canal, & Status* filters list values change according to Peshawar. If you choose Peshawar and Charsadda District(s) then other filter list value change respectively.

<input checked="" type="checkbox"/> Zone/Unit
<input checked="" type="checkbox"/> Punjab
<input checked="" type="checkbox"/> KP
<input checked="" type="checkbox"/> ICT
<input checked="" type="checkbox"/> GB
<input checked="" type="checkbox"/> Balochistan
<input checked="" type="checkbox"/> AJK

<input checked="" type="checkbox"/> Division
<input checked="" type="checkbox"/> Bajaur Agency
<input checked="" type="checkbox"/> Bannu
<input checked="" type="checkbox"/> Dera Ismail Khan ONLY
<input checked="" type="checkbox"/> Hazara
<input checked="" type="checkbox"/> ICT
<input checked="" type="checkbox"/> Khyber Agency
<input checked="" type="checkbox"/> Kohat

<input checked="" type="checkbox"/> District
<input type="text" value="Type to search"/>
<input checked="" type="checkbox"/> Abbottabad
<input checked="" type="checkbox"/> Bagh
<input checked="" type="checkbox"/> Bajaur
<input checked="" type="checkbox"/> Bannu
<input checked="" type="checkbox"/> Battagram
<input checked="" type="checkbox"/> Bhimber

#### 5.1.4. Tehsil

Tehsil names available inside this filter you can select single/multiple Tehsil(s) to review the progress of the selected Tehsil(s). Your selection will change all figures and graphs and narrow down other filters list values. Like if you select Peshawar then Canal, & Status filter values change according to Peshawar.

#### 5.1.5. Canal

Canals names relevant to Division/ District/ Tehsil based available inside the filter list value, by selection of single/multiple canal(s) from the list it will display analytical data according to your selected canal(s).

If previous filters selection is used, then canal list selection customizes according to pre-selected filters. For example, if Division “Peshawar”, District “Peshawar” and Tehsil “Peshawar” is selected then canal filter list display only Tehsil “Peshawar” related canals.

#### 5.1.6. Status

Watercourse status are as follow

1. Work Order Pending
2. Work Order Issued
3. Work Order Cancelled
4. 1<sup>st</sup> Milestone
5. 2<sup>nd</sup> Milestone
6. Completed

Status display inside the filter will be based on the current data input into that Zone/Unit, Division, District, and Tehsil respectively.

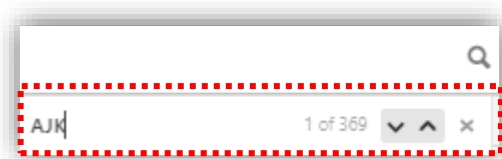
If previous filters selection is used, then Status filter list values display change according to your selection.

### 5.1.7. Search

Through Search option you can navigate to separate window, where you can view watercourses data by using filter bar and even by WC Name (WC Name filter added) where you can search your desired watercourse

name / Word and data display table will change according to your search and result will bring searched data into top of the table with highlighting your searching name/ word as shown in **image-ii**.

For example, AJK search result show **1 of 369** means 369 records found inside the table as per your search criteria. If searching name/ word will not found then result display **0 of 0**.



**NPIWC-II** Dashboard GIS Dashboard **Watercourses** WST PLL

You are logged in as Shumail Mehmood. [Logout](#) Updated: May 22, 2022

**WATERCOURSES DATASET**

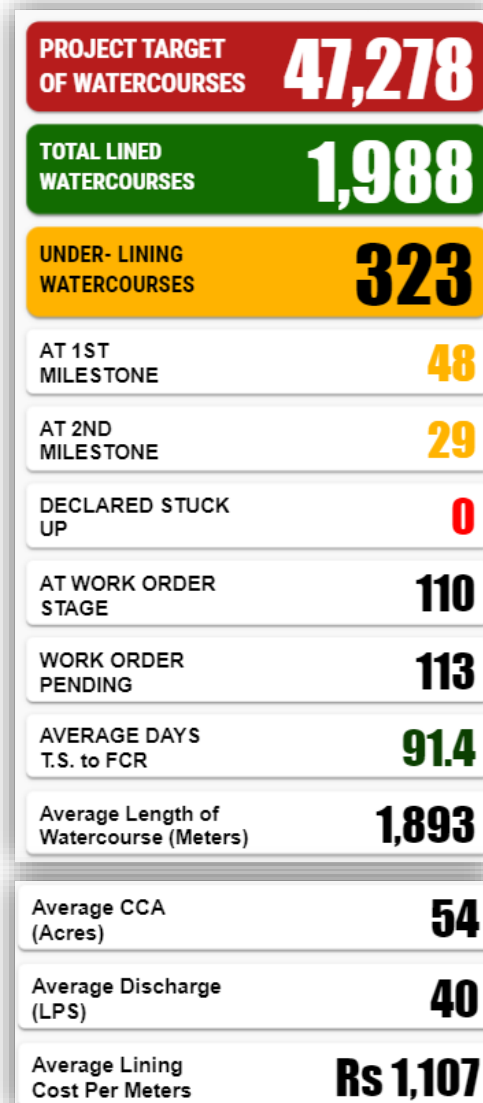
Hide fields Filter Group Sort ...

WC ID	Zone/Unit	Division	District	Tehsil	Category of WC Improv...	Previous Improvement S...	Previous	AJK	1 of 369
1	14110116001	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
2	14110116002	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
3	14110116003	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
4	14110116004	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
5	14110116005	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
6	14110116006	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
7	14110116007	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
8	14110116008	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
9	14110116009	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
10	14110116010	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
11	14110125001	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Rehabilitation/Restoration	UNDP		PCC
12	14110126001	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Rehabilitation/Restoration			PCC

## 5.2. Watercourse Figures

The following Watercourse data figures available in this section based on data submissions (Use filter bar to customize these figures as per your choice).

- Project Targets
- Total Lined Watercourses
- Under - Lining Watercourses
- At 1st Milestone Stage
- At 2nd Milestone Stage
- Declared Stuck Up
- AT Work Order Stage
- Work Order Pending
- Average Days T.S to FCR
- Average Length of WC (Meters)
- Average Lining Length of WC (Meters)
- Average CCA (Acres)
- Average Discharge (LPS)
- Average Lining Cost Per Meter





### 5.3. Graphical Information

Graphs are integrated here to visualize the data in graphical shape by using filter bar you can customize these graphs as per your choice. This section provides you the following information.

#### 5.3.1. Target vs Achieved

You can review Quarterly & Year Wise progress comparison against Targets vs Achievement.

The following filters available with this graphical information for customization purposes


#### FY

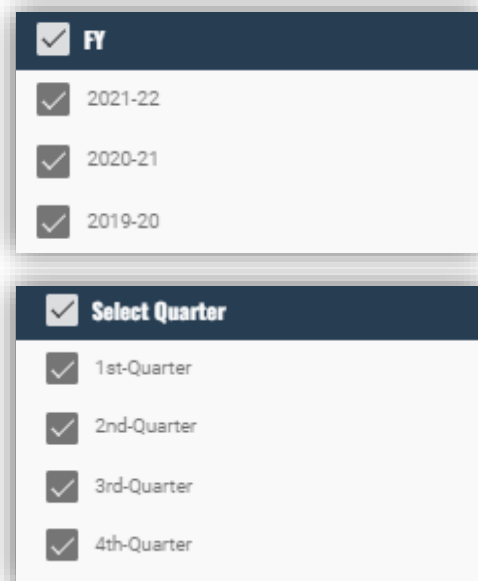
Filter provides you the ease to select Year from this filter list values and graphical information will change according to that specific year.

#### Select Quarter

You can choose Quarter from filter list values and the graphical data then will change according to your selection.

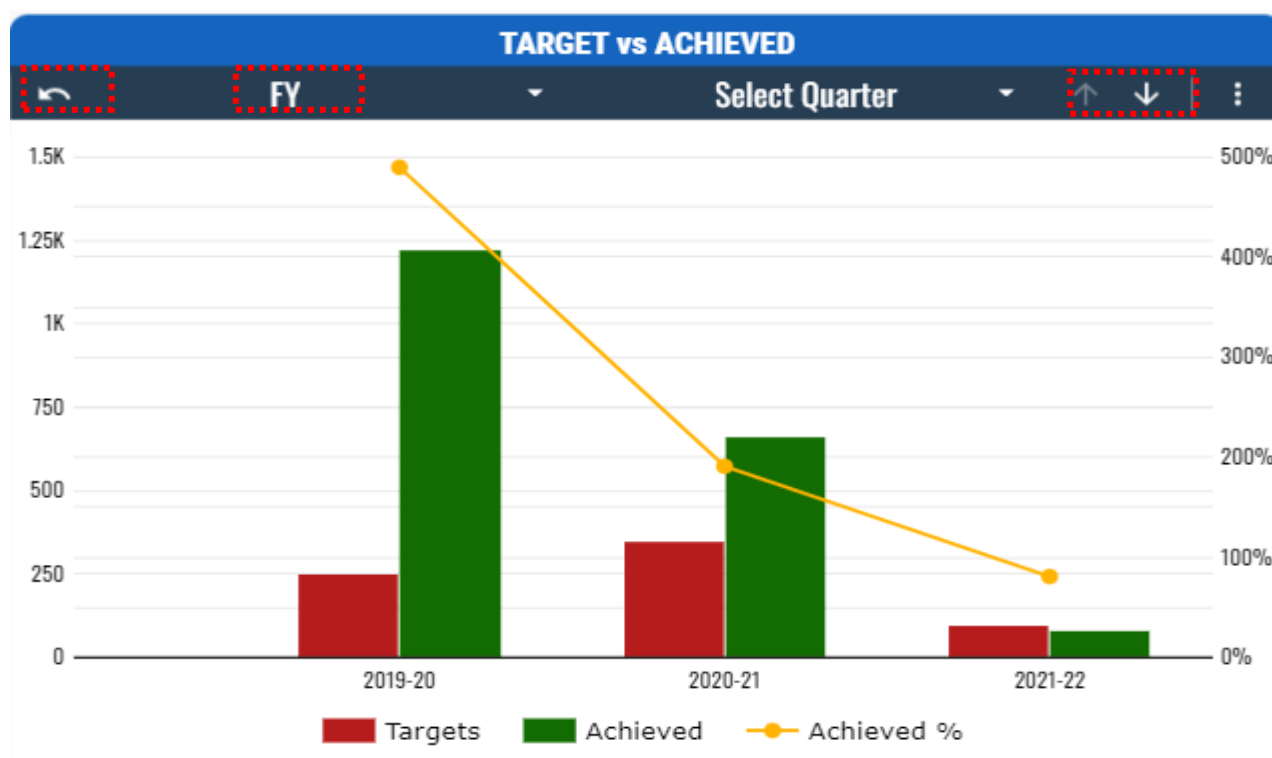
#### Arrows

Arrows are integrated to drill up or drill down the graphical information stage from quarter wise display to year wise and vice versa. For example, by default you are viewing Quarter-Wise Target vs Achievement of current Year and if you want to view Year-Wise comparison (Use “FY” filter here to view single/all Year) then click on up arrow your graph will change from Quarter-Wise to Year-Wise comparison along  with trend line (Use “FY” filter here to view single/all Year). If you click on down arrow then you will again into the Quarter-Wise window, and if you double press the down arrow then graph will display the Year-Wise Quarterly comparison with trend line (Use “FY” filter here to view single/all Year).



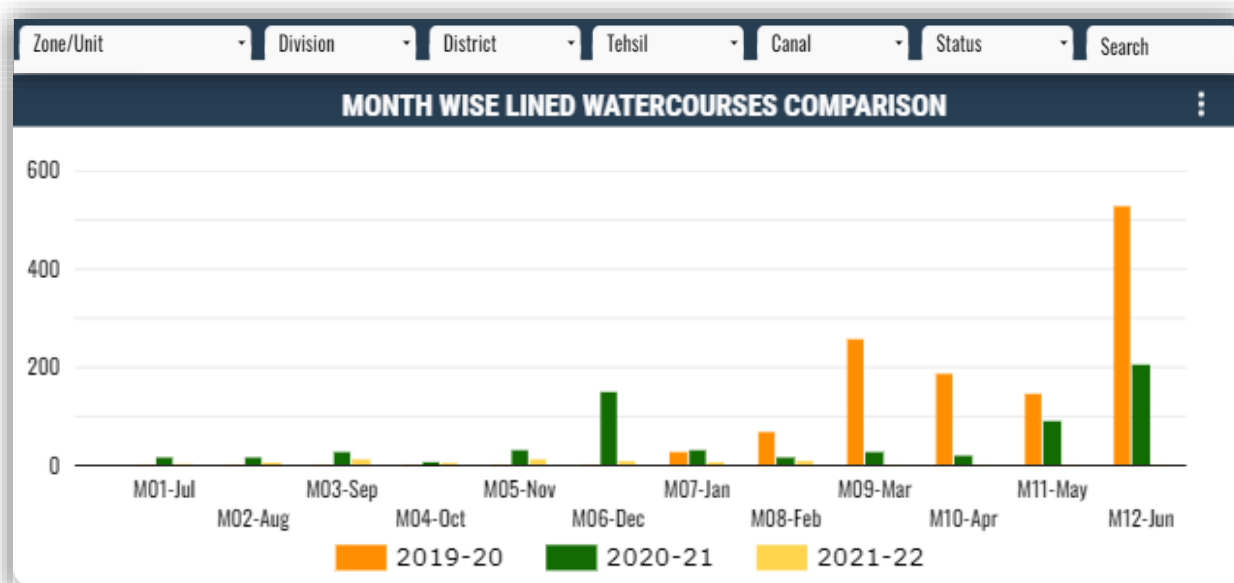
The screenshot shows two filter panels. The first panel, titled 'FY', has a checked checkbox and lists three years: 2021-22, 2020-21, and 2019-20, each with a checked checkbox. The second panel, titled 'Select Quarter', also has a checked checkbox and lists four quarters: 1st-Quarter, 2nd-Quarter, 3rd-Quarter, and 4th-Quarter, each with a checked checkbox.

Arrows can be used with the combination of “FY, Select Quarter” filters. To set the graphic into default stage you need to press this button and your graph will display Quarter-Wise Progress. Wherever you are like if you are in Year-Wise comparison graph, and you press this button then it will take you back to Quarter-Wise graphic progress.



### 5.3.2. Month-Wise Lined Watercourses comparison

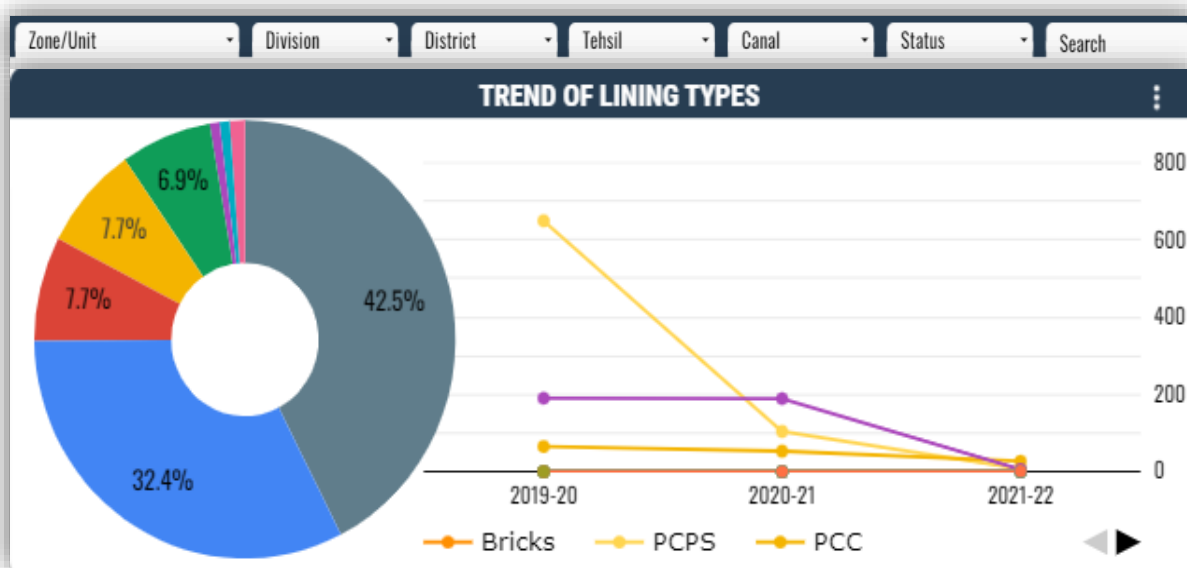
This graph provides you the comparison of Month-Wise lined Watercourses, graph can be customized by using integrated filter bar. You can choose from the filter bar and the graphical information in this graph



change accordingly. Apparently, it gives you Month-Wise progress overview.

### 5.3.3. Trend of Lining Types

This graph provides you the Watercourses improvement Lining Types along with Trend lines as per data submissions, graph can be customized by using integrated filter bar. You can choose from the filter bar and the graphical information display change accordingly, as you can observe there are several trend lines indicating the trend with percentages to determine the lining tend in specific Zone/Unit, Division, District or Tehsil.



### 5.4. Financial Progress

The below mentioned data available in this section, based on data submissions (Use filter bar to customize these figures as per your choice).

- Total Released Amount
- Total FCR/Verified Amount
- Year Wise Released Amount

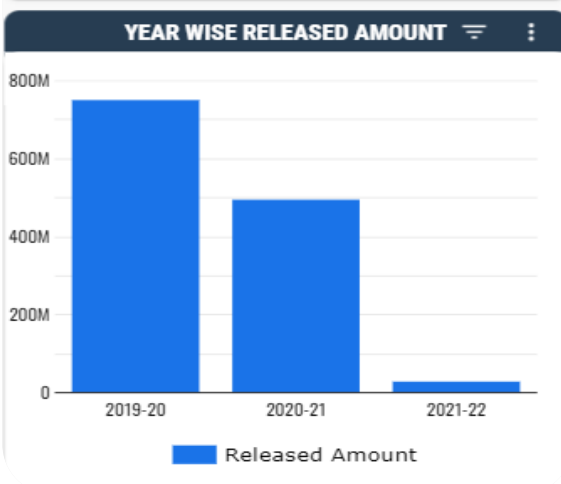
#### FINANCIAL PROGRESS (WCs)

**Rs 55.42M**

**TOTAL RELEASED  
AMOUNT**

**Rs 64.30M**

**TOTAL FCR/VERIFIED  
AMOUNT**



## 6. Stuck Ups Dashboard

### 6.1. Stuck Ups

The system will automatically mark Suspected Stuck ups watercourses using criteria of non-payment after 1<sup>st</sup> / 2<sup>nd</sup> Milestone released on the watercourses by more than 100 days.

Suspected Stuck Ups marking criteria divided into three categories according to following days range

1. More than 100 to 119
2. More than 120 to 149
3. More than 150

Each category defined with different colors to identify the range of watercourse displayed in the data list. Filter bar integration provided to visualize data according to Zone/Unit wise and their respective Division, District, Tehsil and Status.

Zone/Unit	District	WC ID	Watercourse Scheme Name	Issuance Date of T.S.	Date of ICR-I Released	Stuck Ups - ICR-I	Date of ICR-II Released	Stuck Ups - ICR-II
AJK	Muzaffarabad	14110229009	Dawalayan Lower	21 Jan 2020	4 Mar 2020	808	-	0
AJK	Muzaffarabad	14110216003	Thandi Kasi To Shumiyi	17 Jan 2020	26 Apr 2020	753	-	0
AJK	Bhimber	14330112010	Lakhpoo-3	20 Jan 2020	29 Apr 2020	750	-	0
AJK	Kotli	14320318009	Lanjot	20 Jan 2020	25 Jun 2020	693	-	0
AJK	Jhelum	14120116001	Kotla	8 May 2020	26 Jun 2020	692	-	0
AJK	Muzaffarabad	14110228001	Ghundi Peeran	5 May 2020	29 Jul 2020	658	-	0

#### 6.1.1. Watercourse - Dataset

WC ID	Zone/Unit	Division	District	Tehsil	Category of WC Improv...	Previous Improvement S...	Previous Lining Length (...)	Type of Lining
14110116001	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
14110116002	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
14110116003	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
14110116004	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
14110116005	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
14110116006	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC

The Watercourse data display in detailed in this section like WC ID, Zone/Unit, Division, District, Tehsil, Category of WC Improvement, Previous Improvement Scheme, Previous Lining Length, Type of Lining.

Dataset table can be customized according to given filtering tool bar as shown in the image below



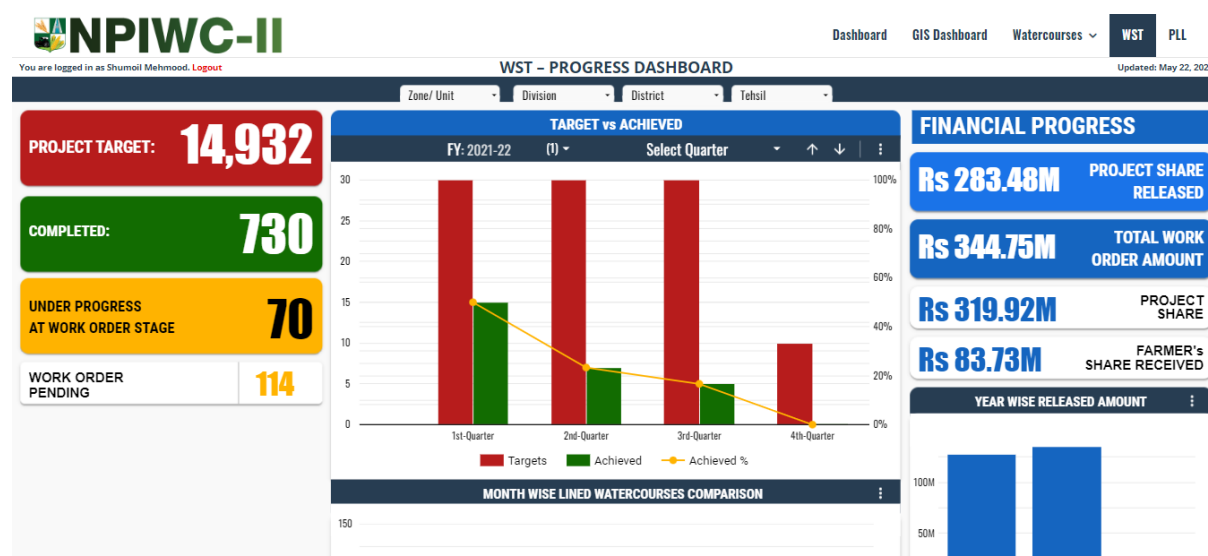


## 7. Water Storage Tank (WST) Analytical Dashboard

Activities under this component will include farmer mobilization, establishment of watercourse User Associations (WUAs) and their registration, survey and design and construction of about 14,932 water storage tanks will be improved through the provision of lining (corresponding to 100 percent of water storage tank construction). The farmers will co-finance 40 percent of the costs.

### Water Storage Tank

Dashboard based on all Water Storage Tank parameters data and their relevant analytical data along with integrated filter bar for customized data visualization according to your choices. Filters detailed description is available in section (6.1).



### 7.1. Filter Bar

Water Storage Tank Filter Bar provides Zone/Unit, Division, District and Tehsil filters.

If you select **AJK** from “**Zone/Unit**” filter then all other filter values narrow down accordingly like Division, District, Tehsil, Canal, Branch and Status filters values will shorten according to **AJK**.



### 7.1.1. Zone/Unit

This filter provides you the list of Zone/Unit to change the data visualization according to your selection, Whatever, value you will select it will change all figures, & graphs accordingly.

### 7.1.2. Division

By default, all Zone/Unit **Divisions** are selected and all division names available inside the filter list, but as per you selection in the “**Zone/Unit**” filter it will shorten this filter list values and you can view only that specific “**Zone/Unit**” related divisions here. Data visualization change according to your selection and the other filters list values narrow down according to you selection. (Filters Basic Review refer to Section 4).

### 7.1.3. District

Districts names available inside this filter you can select single/multiple “**Districts**” to review the progress of the selected District(s). Your selection will change all figures and graphs and narrow down other filters list values. Like if you select Peshawar then *Tehsil, Canal, & Status* filters list values change according to Peshawar. If you choose Peshawar and Charsadda District(s) then other filter list value change respectively.

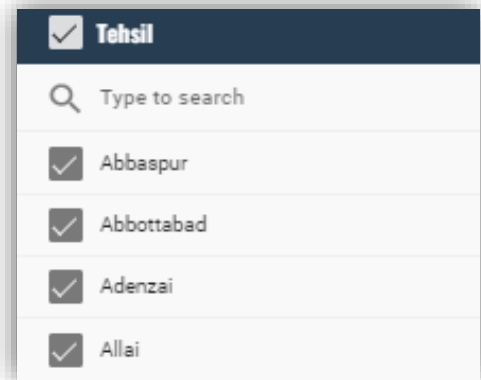
<input checked="" type="checkbox"/> Zone/Unit
<input checked="" type="checkbox"/> Punjab
<input checked="" type="checkbox"/> KP
<input checked="" type="checkbox"/> ICT
<input checked="" type="checkbox"/> GB
<input checked="" type="checkbox"/> Balochistan
<input checked="" type="checkbox"/> AJK

<input checked="" type="checkbox"/> Division
<input checked="" type="checkbox"/> Bajaur Agency
<input checked="" type="checkbox"/> Bannu
<input checked="" type="checkbox"/> Dera Ismail Khan <span>ONLY</span>
<input checked="" type="checkbox"/> Hazara
<input checked="" type="checkbox"/> ICT
<input checked="" type="checkbox"/> Khyber Agency
<input checked="" type="checkbox"/> Kohat

<input checked="" type="checkbox"/> District
<input type="text" value="Type to search"/>
<input checked="" type="checkbox"/> Abbottabad
<input checked="" type="checkbox"/> Bagh
<input checked="" type="checkbox"/> Bajaur
<input checked="" type="checkbox"/> Bannu
<input checked="" type="checkbox"/> Battagram
<input checked="" type="checkbox"/> Bhimber

#### 7.1.4. Tehsil

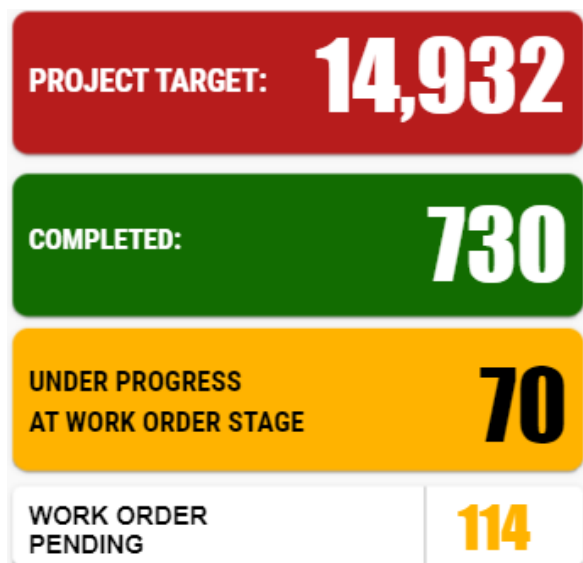
Tehsil names available inside this filter you can select single/multiple Tehsil(s) to review the progress of the selected Tehsil(s). Your selection will change all figures and graphs and narrow down other filters list values. Like if you select Peshawar then Canal, & Status filter values change according to Peshawar.



## 7.2. Water Storage Tank Figures

The following Watercourse data figures available in this section based on data submissions ([Use filter bar to customize these figures as per your choice](#)).

- Project Targets
- Completed
- Under Progress AT Work Order Stage
- Average Discharge (LPS)
- Average Lining Cost Per Meter



## 7.3. Graphical Information

Graphs are integrated here to visualize the data in graphical shape by using filter bar you can customize these graphs as per your choice. This section provides you the following information.

### 7.3.1. Target vs Achieved

You can review Quarterly & Year Wise progress comparison against Targets vs Achievement.

The following filters available with this graphical information for customization purposes

#### FY

Filter provides you the ease to select Year from this filter list values and graphical information will change according to that specific year.

#### Select Quarter

You can choose Quarter from filter list values and the graphical data then will change according to your selection.

Two filter selection panels are shown:

**FY Filter:**

- ☒ FY
- ☒ 2021-22
- ☒ 2020-21
- ☒ 2019-20

**Select Quarter Filter:**

- ☒ Select Quarter
- ☒ 1st-Quarter
- ☒ 2nd-Quarter
- ☒ 3rd-Quarter
- ☒ 4th-Quarter



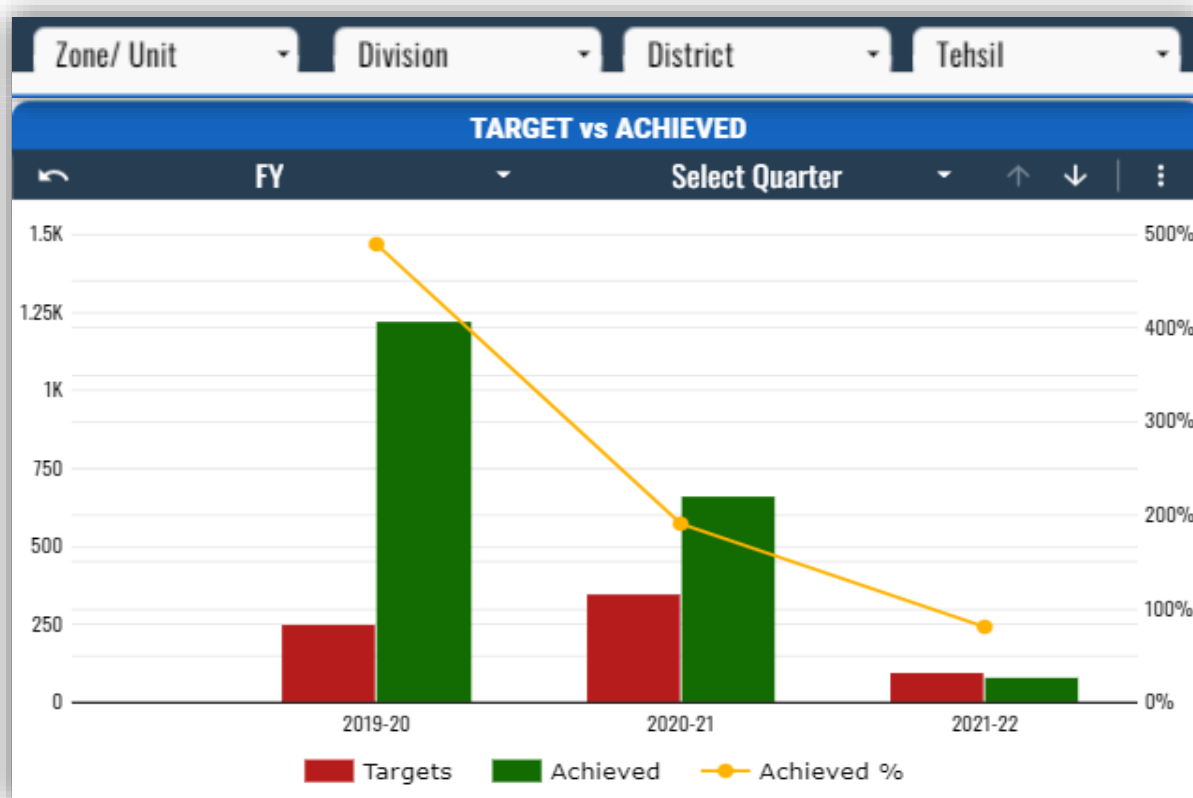
## Arrows

Arrows are integrated to drill up or drill down the graphical information stage from quarter wise display to year wise and vice versa. For example, by default you are viewing Quarter-Wise Target vs Achievement of current Year and if you want to view Year-Wise comparison (Use “FY” filter here to view single/all Year) then click on up arrow your graph will change from Quarter-Wise to Year-Wise comparison along with trend line (Use “FY” filter here to view single/all Year). If you click on down arrow then you will again into the Quarter-Wise window, and if you double press the down arrow then graph will display the Year-Wise Quarterly comparison with trend line (Use “FY” filter here to view single/all Year).



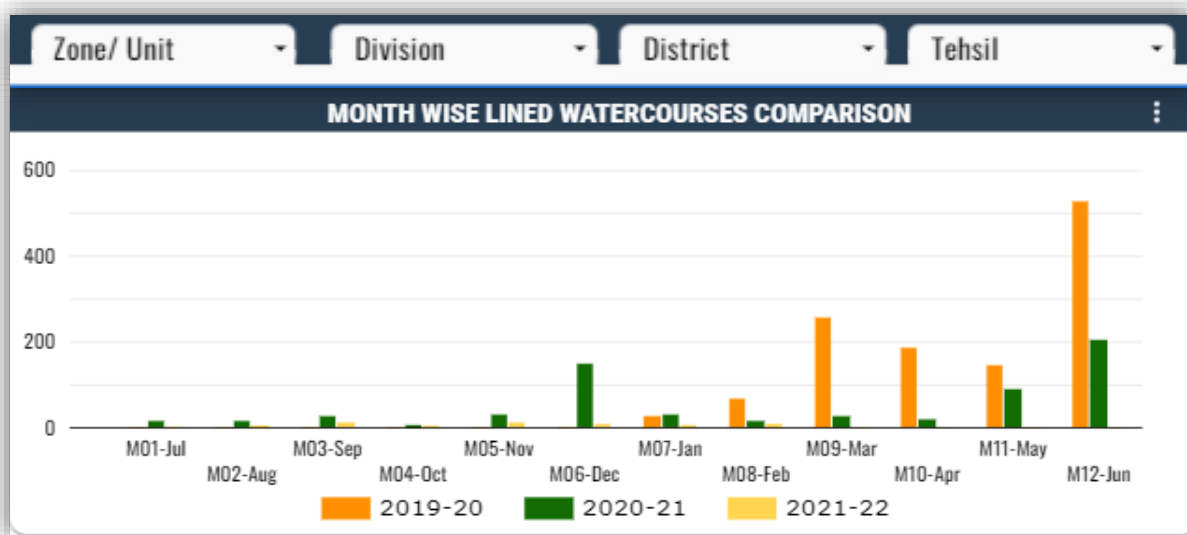
Arrows can be used with the combination of “FY, Select Quarter” filters.

To set the graphic into default stage you need to press this button and your graph will display Quarter-Wise Progress. Wherever you are like if you are in Year-Wise comparison graph and you press this button then it will take you back to Quarter-Wise graphic progress.



### 7.3.2. Month-Wise Lined Watercourses comparison

This graph provides you the comparison of Month-Wise lined Watercourses, graph can be customized by using integrated filter bar. You can choose from the filter bar and the graphical information in this graph change accordingly. Apparently, it gives you Month-Wise progress overview.



#### 7.4. Financial Progress

The below mentioned data available in this section, based on data submissions (Use filter bar to customize these figures as per your choice).

- Project Share Released
- Total Work Order Amount
- Project Share
- Farmer's Share Received
- Year-Wise Released Amount

#### FINANCIAL PROGRESS

**Rs 283.48M**

PROJECT SHARE  
RELEASED

**Rs 344.75M**

TOTAL WORK  
ORDER AMOUNT

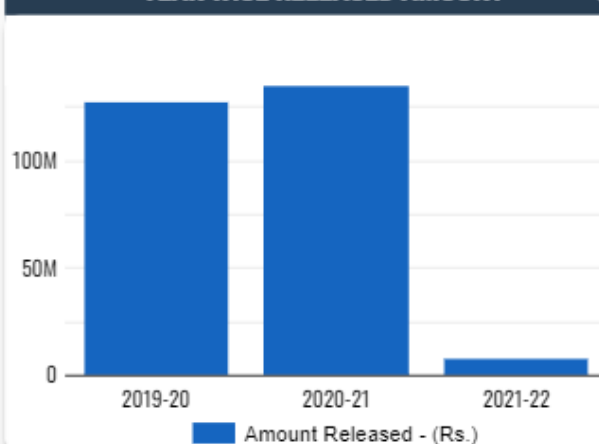
**Rs 319.92M**

PROJECT  
SHARE

**Rs 83.73M**

FARMER'S  
SHARE RECEIVED

#### YEAR WISE RELEASED AMOUNT



## 8. Stuck Ups Dashboard

### 8.1. Stuck Ups

The system will automatically mark Suspected Stuck ups watercourses using criteria of non-payment after 1<sup>st</sup> / 2<sup>nd</sup> Milestone released on the watercourses by more than 100 days.

Suspected Stuck Ups marking criteria divided into three categories according to following days range

1. More than 100 to 119
2. More than 120 to 149
3. More than 150

Each category defined with different colors to identify the range of watercourse displayed in the data list. Filter bar integration provided to visualize data according to Zone/Unit wise and their respective Division, District, Tehsil and Status.

	Zone/Unit	District	WC ID	Watercourse Scheme Name	Issuance Date of T.S.	Date of ICR-I Released	Stuck Ups - ICR-I	Date of ICR-II Released	Stuck Ups - ICR-II
1.	AJK	Muzaffarabad	14110229009	Dawalayan Lower	21 Jan 2020	4 Mar 2020	806	-	0
2.	AJK	Muzaffarabad	14110218003	Thandi Kasi To Shumiyia	17 Jan 2020	29 Apr 2020	793	-	0
3.	AJK	Bhimber	14330112010	Lakhpoo-3	20 Jan 2020	29 Apr 2020	750	-	0
4.	AJK	Kotli	14320318009	Lanjot	20 Jan 2020	25 Jun 2020	693	-	0
5.	AJK	Jhelum	14120118001	Kotla	8 May 2020	28 Jun 2020	692	-	0
6.	AJK	Muzaffarabad	14110228001	Ghundi Peeran	5 May 2020	29 Jul 2020	659	-	0

#### 8.1.1. Watercourse - Dataset

The Watercourse data display in detailed in this section like WC ID, Zone/Unit, Division, District, Tehsil, Catergor of WC Improvement, Previous Improvement Scheme, Previous Lining Length, Type of Lining.

Dataset table can be customized according to given filtering tool bar as shown in the image below



	WC ID	Zone/Unit	Division	District	Tehsil	Category of WC Improv...	Previous Improvement S...	Previous Lining Length	Type of Lining
1	14110116001	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
2	14110116002	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
3	14110116003	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
4	14110116004	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
5	14110116005	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC
6	14110116006	AJK	Muzaffarabad	Muzaffarabad	Muzaffarabad	Regular (New)			PCC

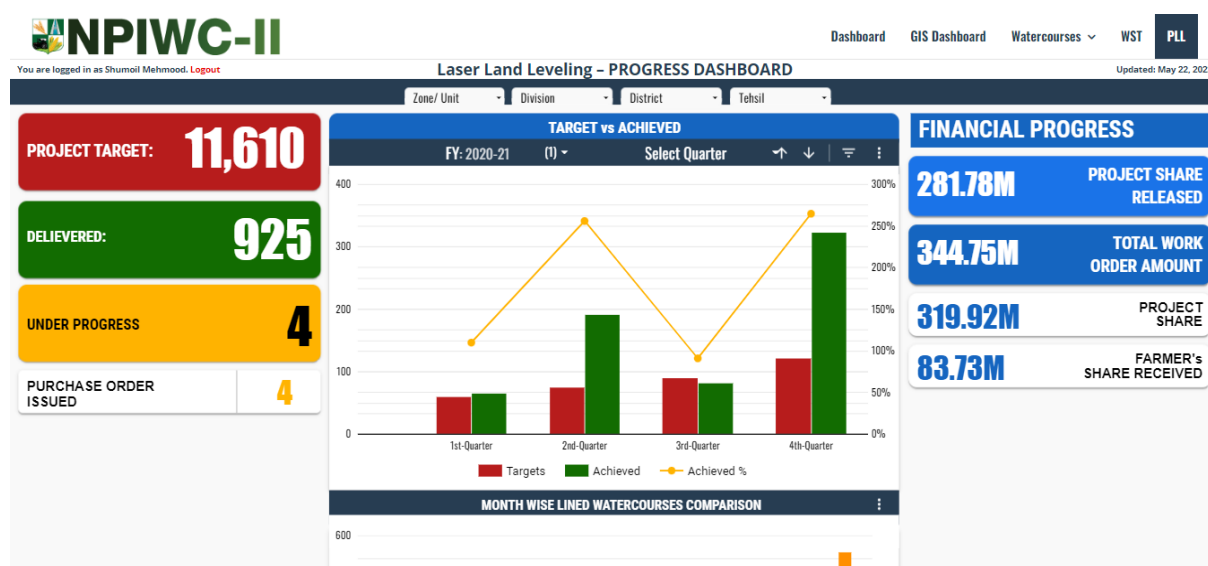
## 9. PLL Analytical Dashboard

Activities under this component will include farmer mobilization, their registration, and provision of about 11,610 Precision Laser Land Leveling unit will be delivered to farmers on cost sharing basis.

### PLL

Dashboard based on all Precision Laser Land Leveling parameters data and their relevant analytical data along with integrated filter bar for customized data visualization according to your choices.

Filters detailed description is available in section (6.1).



### 9.1. Filter Bar

Precision Laser Land Leveling filter bar provides Zone/Unit, Division, District and Tehsil filters.

If you select **AJK** from "**Zone/Unit**" filter then all other filter values narrow down accordingly like Division, District, Tehsil, Canal, Branch and Status filters values will shorten according to **AJK**.



### 9.1.1. Zone/Unit

This filter provides you the list of Zone/Unit to change the data visualization according to your selection, Whatever, value you will select it will change all figures, & graphs accordingly.

### 9.1.2. Division

By default, all Zone/Unit **Divisions** are selected and all division names available inside the filter list, but as per you selection in the “**Zone/Unit**” filter it will shorten this filter list values and you can view only that specific “**Zone/Unit**” related divisions here. Data visualization change according to your selection and the other filters list values narrow down according to you selection. (Filters Basic Review refer to Section 4).

### 9.1.3. District

Districts names available inside this filter you can select single/multiple “**Districts**” to review the progress of the selected District(s). Your selection will change all figures and graphs and narrow down other filters list values. Like if you select Peshawar then *Tehsil, Canal, & Status* filters list values change according to Peshawar. If you choose Peshawar and Charsadda District(s) then other filter list value change respectively.

<input checked="" type="checkbox"/> Zone/Unit
<input checked="" type="checkbox"/> Punjab
<input checked="" type="checkbox"/> KP
<input checked="" type="checkbox"/> ICT
<input checked="" type="checkbox"/> GB
<input checked="" type="checkbox"/> Balochistan
<input checked="" type="checkbox"/> AJK

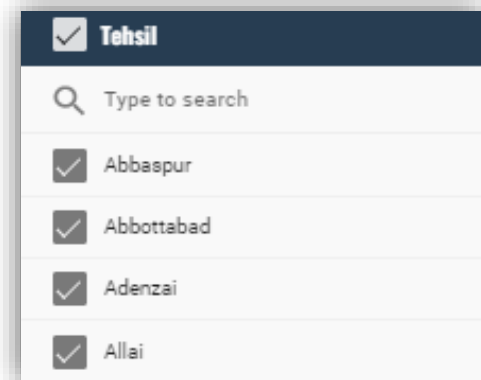
<input checked="" type="checkbox"/> Division
<input checked="" type="checkbox"/> Bajaur Agency
<input checked="" type="checkbox"/> Bannu
<input checked="" type="checkbox"/> Dera Ismail Khan ONLY
<input checked="" type="checkbox"/> Hazara
<input checked="" type="checkbox"/> ICT
<input checked="" type="checkbox"/> Khyber Agency
<input checked="" type="checkbox"/> Kohat

<input checked="" type="checkbox"/> District
<input type="text" value="Type to search"/>
<input checked="" type="checkbox"/> Abbottabad
<input checked="" type="checkbox"/> Bagh
<input checked="" type="checkbox"/> Bajaur
<input checked="" type="checkbox"/> Bannu
<input checked="" type="checkbox"/> Battagram
<input checked="" type="checkbox"/> Bhimber



#### 9.1.4. Tehsil

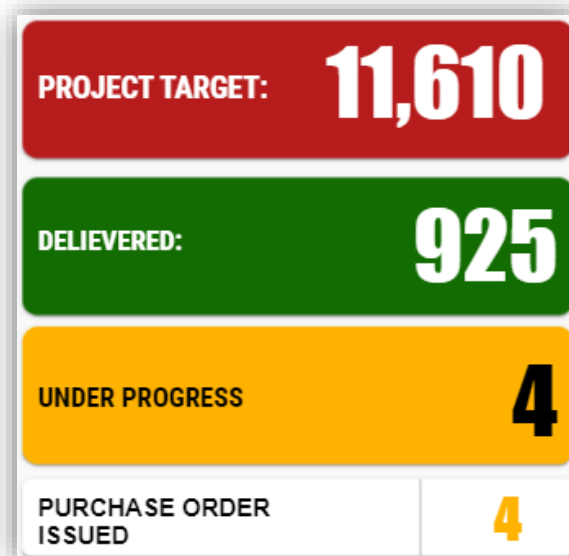
Tehsil names available inside this filter you can select single/multiple Tehsil(s) to review the progress of the selected Tehsil(s). Your selection will change all figures and graphs and narrow down other filters list values. Like if you select Peshawar then Canal, & Status filter values change according to Peshawar.



## 9.2. Precision Laser Land Leveling Figures

The following Watercourse data figures available in this section based on data submissions (Use filter bar to customize these figures as per your choice).

- Project Target
- Delivered
- Under Progress
- Purchase Order Issued



## 9.3. Graphical Information

Graphs are integrated here to visualize the data in graphical shape by using filter bar you can customize these graphs as per your choice. This section provides you the following information.

### 9.3.1. Target vs Achieved

You can review Quarterly & Year Wise progress comparison against Targets vs Achievement.

The following filters available with this graphical information for customization purposes

#### FY

Filter provides you the ease to select Year from this filter list values and graphical information will change according to that specific year.

#### Select Quarter

You can choose Quarter from filter list values and the graphical data then will change according to your selection.

☒ FY
 

- ☒ 2021-22
- ☒ 2020-21
- ☒ 2019-20

☒ Select Quarter
 

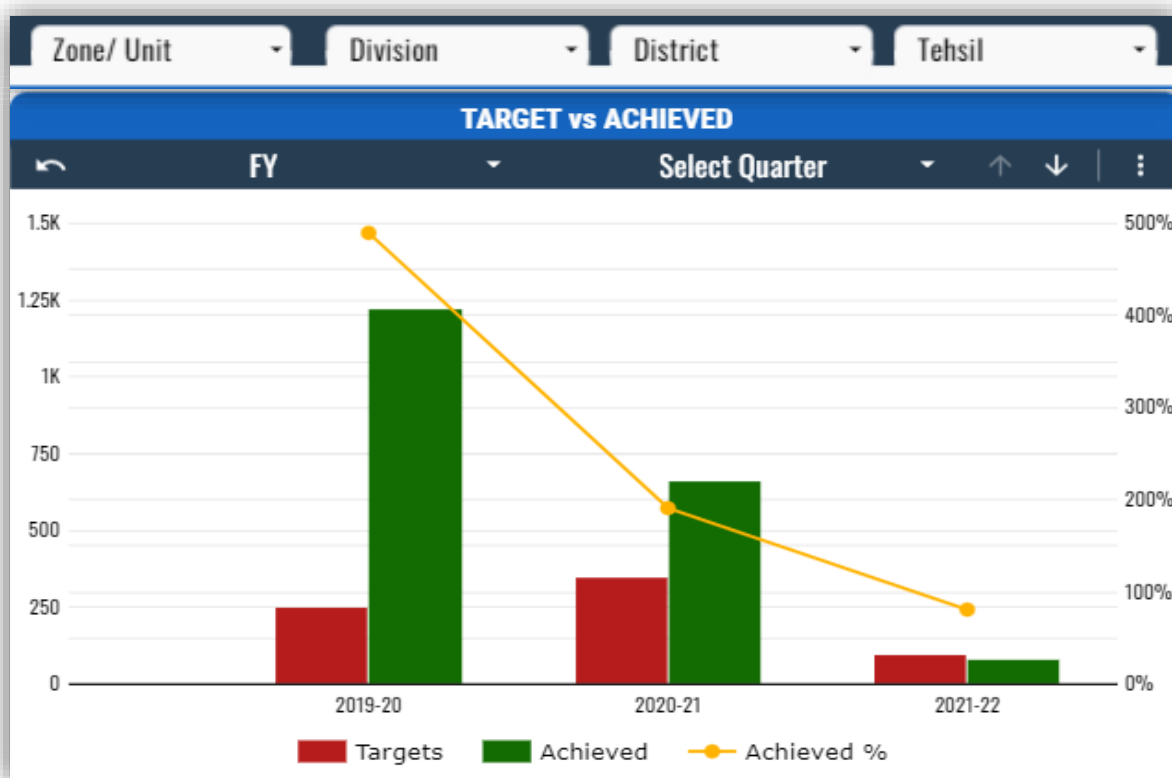
- ☒ 1st-Quarter
- ☒ 2nd-Quarter
- ☒ 3rd-Quarter
- ☒ 4th-Quarter

## Arrows

Arrows are integrated to drill up or drill down the graphical information stage from quarter wise display to year wise and vice versa. For example, by default you are viewing Quarter-Wise Target vs Achievement of current Year and if you want to view Year-Wise comparison (Use “FY” filter here to view single/all Year) then click on up arrow your graph will change from Quarter-Wise to Year-Wise comparison along with trend line (Use “FY” filter here to view single/all Year). If you click on down arrow then you will again into the Quarter-Wise window, and if you double press the down arrow then graph will display the Year-Wise Quarterly comparison with trend line (Use “FY” filter here to view single/all Year).

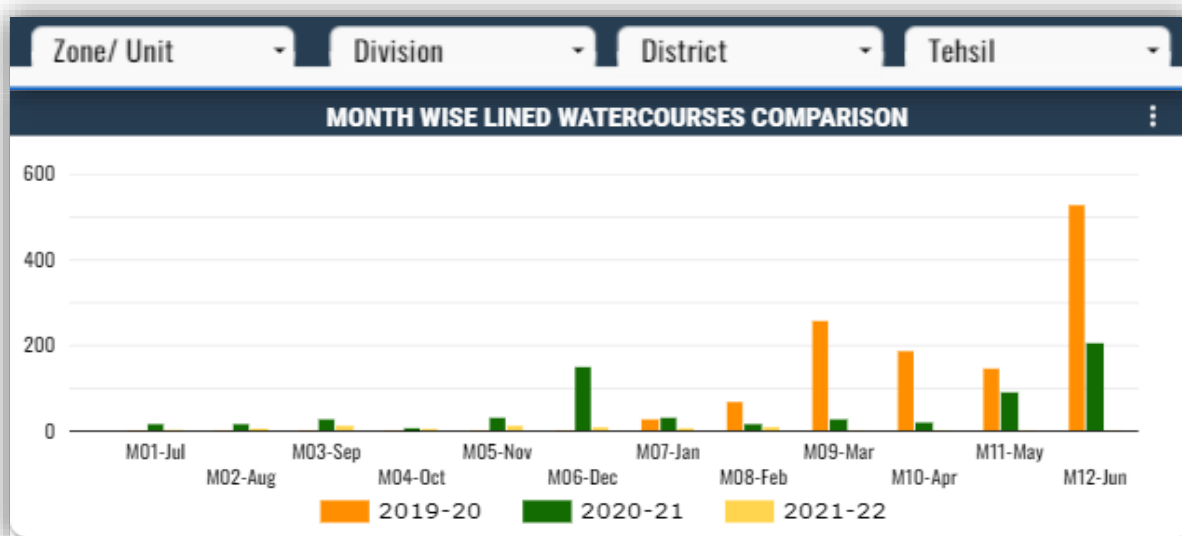
Arrows can be used with the combination of “FY, Select Quarter” filters.

To set the graphic into default stage you need to press this button and your graph will display Quarter-Wise Progress. Wherever you are like if you are in Year-Wise comparison graph and you press this button then it will take you back to Quarter-Wise graphic progress.



### 9.3.2. Month-Wise Lined Watercourses comparison

This graph provides you the comparison of Month-Wise lined Watercourses, graph can be customized by using integrated filter bar. You can choose from the filter bar and the graphical information in this graph change accordingly. Apparently, it gives you Month-Wise progress overview.



#### 9.4. Financial Progress

The below mentioned data available in this section, based on data submissions (Use filter bar to customize these figures as per your choice).

- Project Share Released
- Total Work Order Amount
- Project Share
- Farmer's Share Received

