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	Industrial Waste Management and Monitoring System (IWMMS)		

User Manual for In Charge User

24.03.2025

REVISION HISTORY

Version	Description	Author	Date
1.0	Creation of the Document	Pipilika Kumari	24th March, 2025
1.0	Review of the Document	Sunil Kumar Parida	25 th March 2025
1.0	Approval of the Document	Debabrata Dash	26 th March 2025

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	Industrial Waste Management and Monitoring System (IWMMS)		

User Manual
for
In Charge User of Industry/Unit



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1 INTRODUCTION

An Industrial waste management is a critical aspect of modern industry, as it plays a crucial role in minimizing the environmental impact of manufacturing processes. The Industrial Waste Management and Monitoring System (IWMMS) is designed to manage, monitor, and optimize the disposal, recycling, and treatment of waste generated by industrial activities. This is a comprehensive framework designed to handle and track waste produced by industrial processes. This system ensures that waste is handled in a way that complies with environmental regulations, minimizes harm to ecosystems, and promotes sustainable practices. The primary purpose of such a system is to ensure that waste is managed efficiently, in compliance with environmental regulations, and in a sustainable manner, thereby minimising negative impacts on the environment and public health

1.1 PURPOSE

This document helps the authorized In-Charge user of the Industry or Unit to register industry unit details, set master data for driver loader, contractor, waste generated, reuser and coal mine backfilling. The system allows the user to apply for NOC and Waste Disposal online. The document tries to leave no room for errors or misunderstandings while operation of the IWMMS application at the user end.

2 GETTING STARTED

To get started with the application, enter the website link in the browser and navigate to the home page.


	<h2 style="text-align: center;">Quality System Template</h2> <p style="text-align: center;">CSM Technologies</p>	<p style="text-align: center;">Document #: CSM/QT/01/01</p>	<p style="text-align: center;">Rev.: 1.0 Page #:5 of 93</p>
	<h2 style="text-align: center;">Industrial Waste Management and Monitoring System (IWMMS)</h2>		




Figure 2-1 Home Screen (1)

- Set the preferred language to view the application - Hindi or English.
- For new user registration, click on **Register** button. Refer **Fig 2-2**.



Figure 2-2 Home Screen (2)

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- After clicking the **Register** button, navigate to **Registration form** as shown in the **Fig 2-3** below.

2.1 REGISTRATION

To register as in-charge or sub-incharge of the industry or unit, go to the **Registration Form** and provide the required information.

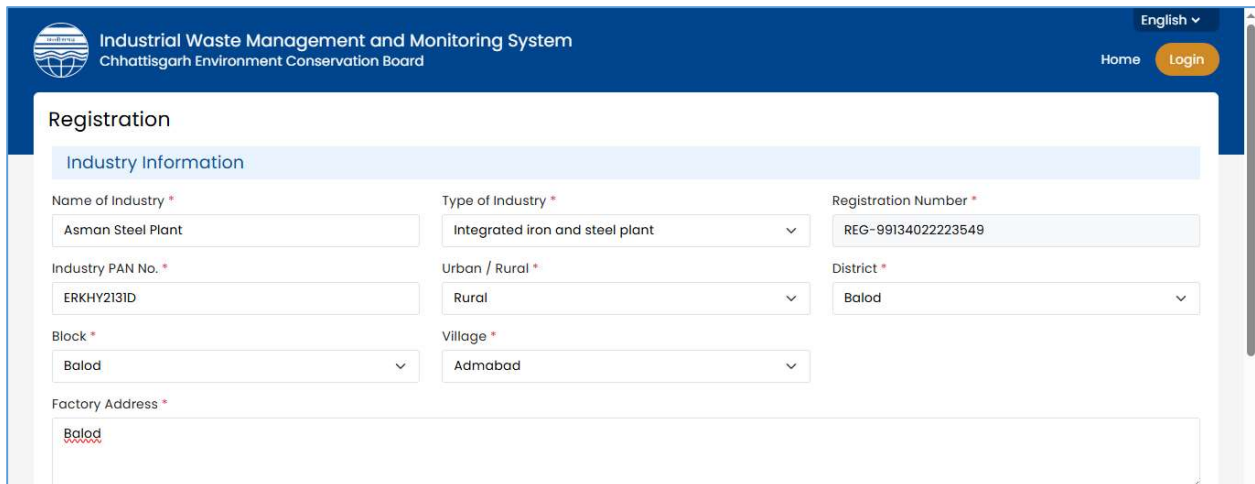



Figure 2-3 Registration Form Screen (1)

Refer **Fig 2-3**, provide the **Industry Information**.

- Add the Name of the Industry to be registered.
- Select the Type of Industry from the drop-down.
- The Registration Number auto-populates on basis of the information from the Registration Form.
- Add the PAN number of the industry.
- Select whether the industry is located in an urban or rural area.
- If the industry is located in Rural Area, then -
 - Select the District Name.
 - Select the Block Name.
 - Select the Village Name.
- If the industry is located in the Urban Area, then -
 - Select the District Name.

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- Select the ULB Name.
- Select the Ward Number.
- Add the address of the Factory.

Add the Location Details

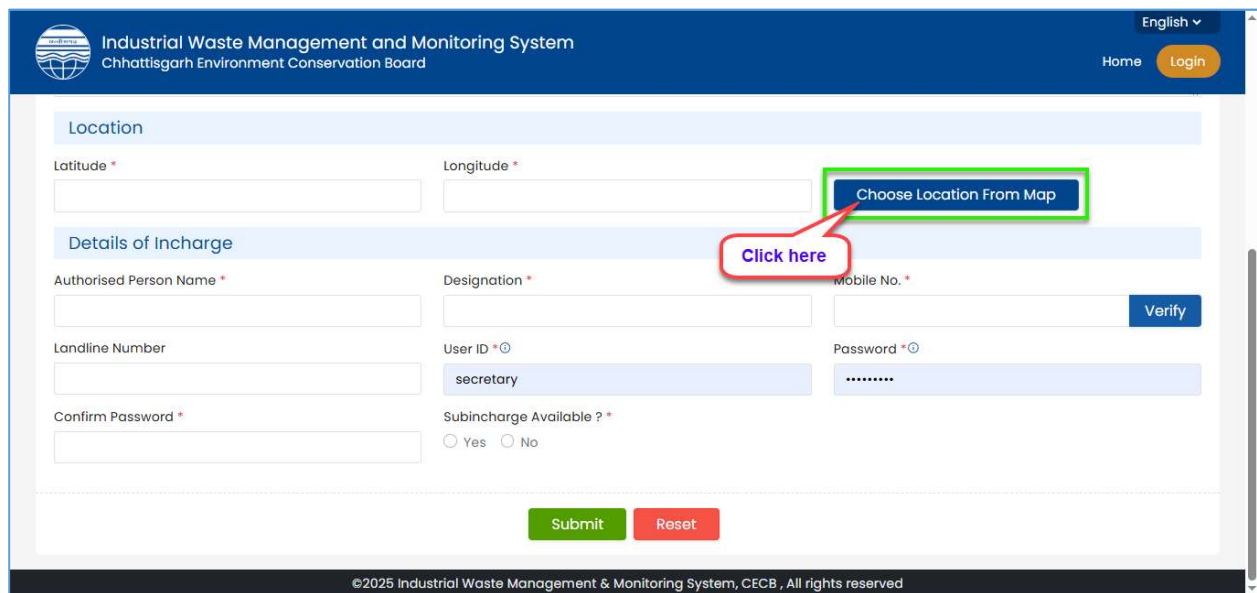



Figure 2-4 Registration Form Screen (2)

- The system allows the user to enter the Latitude and Longitude of the Industry Location.
- Or, click on **Choose Location from Map** (refer **Fig 2-4**) to identify and fetch the longitude and latitude details of the location directly from the map.

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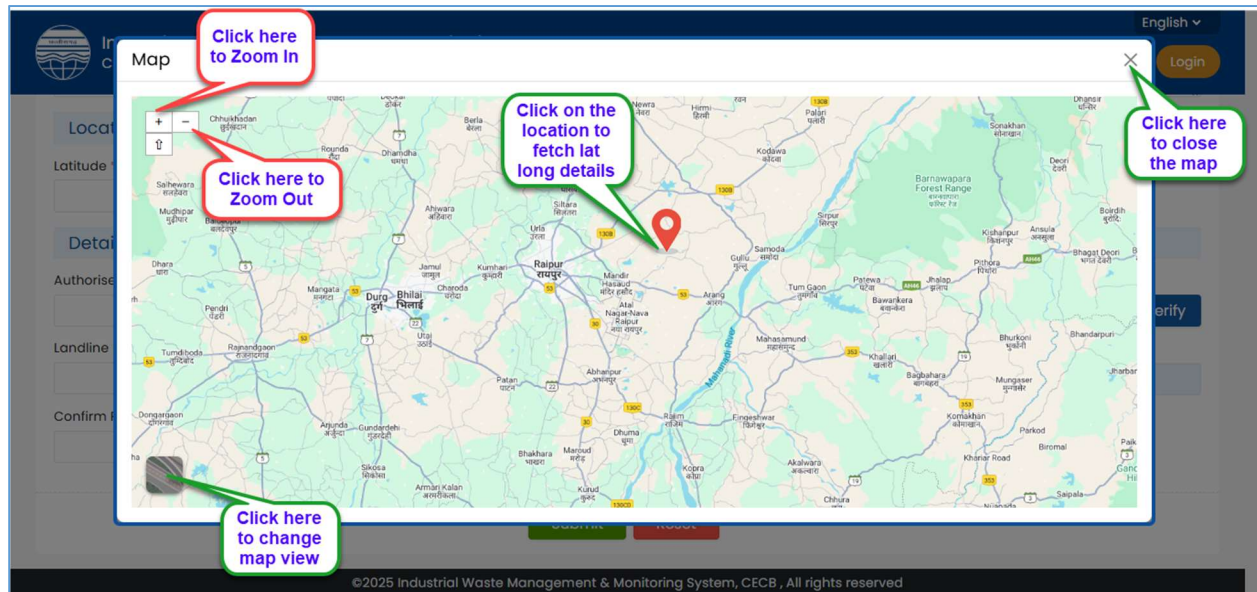



Figure 2-5 Map Screen

- To fetch the Lat-Long details, click on the location in the map as displayed in **Fig 2-5**.

Tools

- In order to zoom in the map, click on the **Plus** Icon.
- To zoom out the map view, click on the **Minus** Icon.
- To take a satellite view of the location, click on the **Satellite View** option.
- To close the Map, click on the **cross** icon.

After selection of the location on the map, the latitude and longitude are measured and displayed in respective textboxes in the Registration Form.

	<p align="center">Quality System Template</p> <p align="center">CSM Technologies</p>	<p align="center">Document #: CSM/QT/01/01</p>	<p align="center">Rev.: 1.0 Page #:9 of 93</p>
	<p align="center">Industrial Waste Management and Monitoring System (IWMMS)</p>		

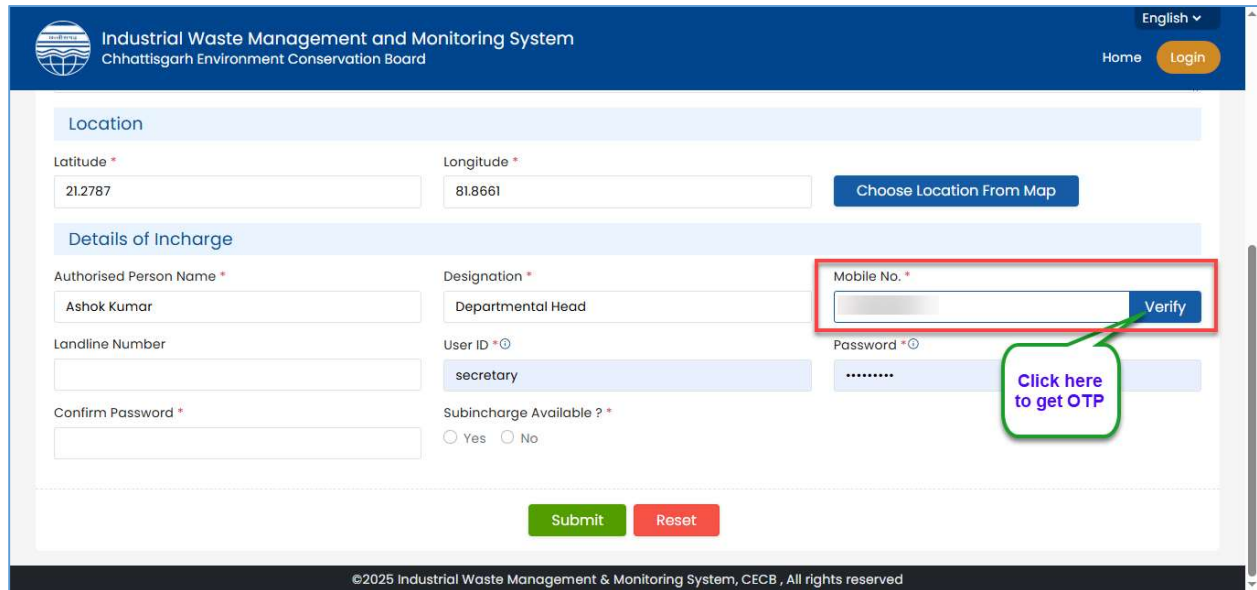



Figure 2-6 Registration Form Screen (3)

Add Details of the In-Charge

- Add the Name of the Authorised Person of the industry/unit.
- Add the Designation of the authorized person.
- Add the mobile number of the authorized person.
- Click on **Verify** button to receive a One Time Password to the mobile number and validate the number.

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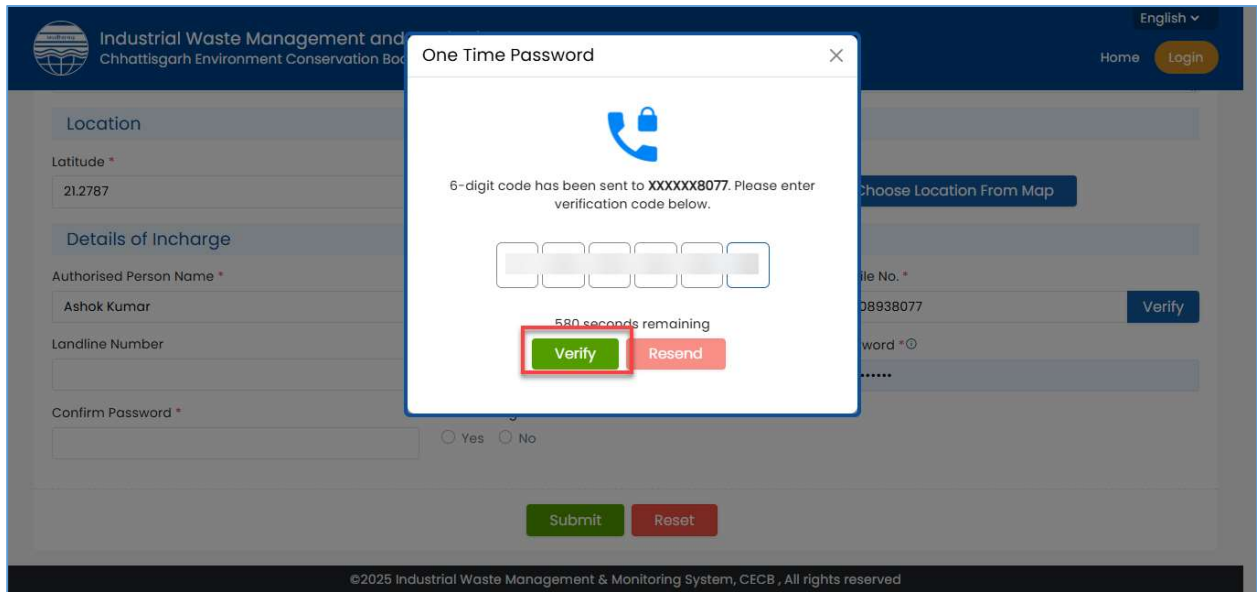


Figure 2-7 Verify Mobile Number Screen

- Enter the 6-digit code sent to the mobile number.
- Click on **Verify** button.


Details of Incharge

Authorised Person Name * <input type="text" value="Ashok Kumar"/>	Designation * <input type="text" value="Departmental Head"/>	Mobile No. * <input type="text" value="XXXXXX8077"/> Verified
Landline Number <input type="text" value="656223456787"/>	User ID * <input type="text" value="secretary"/>	Password * <input type="password" value="*****"/>
Confirm Password * <input type="password" value="*****"/>	<div style="border: 2px solid red; padding: 2px;"> Subincharge Available ? * <input checked="" type="radio"/> Yes <input type="radio"/> No </div>	

Subincharge Information


Subincharge Name * <input type="text"/>	Designation * <input type="text"/>	Mobile No. * <input type="text"/> Verify
Landline Number <input type="text"/>	User ID * <input type="text"/>	Password * <input type="password"/>
Confirm Password * <input type="password"/>		


Figure 2-8 Registration Form Screen (4)

	<p style="text-align: center;">Quality System Template CSM Technologies</p>	<p style="text-align: center;">Document #: CSM/QT/01/01</p>	<p style="text-align: center;">Rev.: 1.0 Page #:11 of 93</p>
	<p style="text-align: center;">Industrial Waste Management and Monitoring System (IWMMS)</p>		

- Once verified successfully, enter the landline number.
- Add a unique User ID for the authorized person. (**Note:** Make sure user ID should be more than 5 characters.)
- Add Password for the user. (**Note:** Make sure the password entered should be 8-16 character long and contains at least one uppercase, one lowercase, one number and one special character)
- Re-enter the password to confirm.
- Select from either Yes or No option and confirm whether a subincharge is available or not.
- If Yes is selected, then provide the subincharge details.

Add Sub-incharge details

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Industrial Waste Management and Monitoring System
Chhattisgarh Environment Conservation Board

English ▾

Home Login

Registration

Industry Information

Name of Industry *	Type of Industry *	Registration Number *
<input type="text" value="Asman Steel Plant"/>	<input type="text" value="Integrated iron and steel plant"/>	<input type="text" value="REG-9913402223549"/>
Industry PAN No. *	Urban / Rural *	District *
<input type="text" value="ERKHY2131D"/>	<input type="text" value="Rural"/>	<input type="text" value="Balod"/>
Block *	Village *	
<input type="text" value="Balod"/>	<input type="text" value="Admabad"/>	

Factory Address *

Location

Latitude *	Longitude *	
<input type="text" value="21.2787"/>	<input type="text" value="81.8661"/>	Choose Location From Map

Details of Incharge

Authorised Person Name *	Designation *	Mobile No. *
<input type="text" value="Ashok Kumar"/>	<input type="text" value="Departmental Head"/>	<input type="text" value=""/> Verified
Landline Number	User ID *	Password *
<input type="text" value="656223456787"/>	<input type="text" value="DH01"/>	<input type="text" value="....."/>
Confirm Password *	Subincharge Available ? *	
<input type="text" value="....."/>	<input checked="" type="radio"/> Yes <input type="radio"/> No	

Subincharge Information


Subincharge Name *	Designation *	Mobile No. *
<input type="text" value="Ankit Kumar"/>	<input type="text" value="Supply Head"/>	<input type="text" value=""/> Verified
Landline Number	User ID *	Password *
<input type="text" value="656333456794"/>	<input type="text" value="SH01"/>	<input type="text" value="....."/>
Confirm Password *		
<input type="text" value="....."/>		

Submit
Reset

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Figure 2-9 Registration Form Screen (5)

- Add the Name of the subincharge of the industry/unit.
- Add the Designation of the subincharge.
- Add the mobile number of the subincharge.

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- Click on **Verify** button to receive a One Time Password to the mobile number and validate the number.
- Once verified successfully, enter the landline number.
- Add a unique User ID for the subincharge. (**Note:** Make sure user ID should be more than 5 characters.)
- Add Password for the user. (**Note:** Make sure the password entered should be 8-16 character long and contains at least one uppercase, one lowercase, one number and one special character)
- Re-enter the password to confirm.
- Click on **Submit** button.

On successful submission, the registration process is completed successfully and a confirmation message of the same also appears on the display screen.

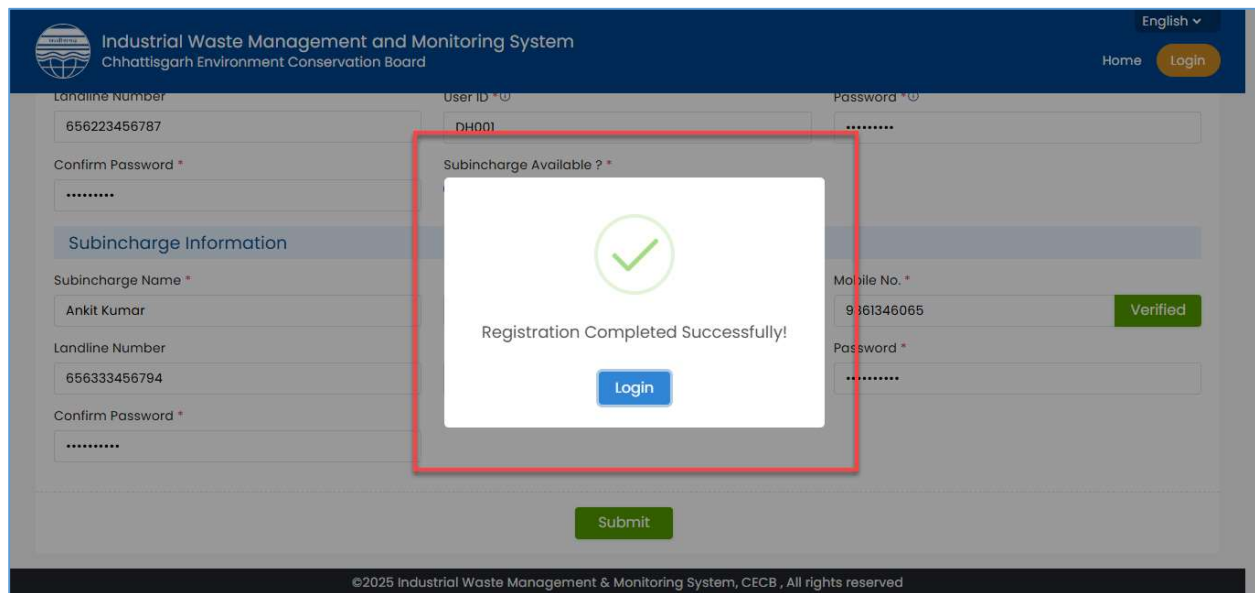



Figure 2-10 Confirmation Message Screen

- Click on **Login** button to login from here directly.
- Or, go to the home page of the website, and click on the **Login** button.

	<p align="center">Quality System Template</p> <p align="center">CSM Technologies</p>	<p align="center">Document #: CSM/QT/01/01</p>	<p align="center">Rev.: 1.0</p> <p align="center">Page #:14 of 93</p>
	<p align="center">Industrial Waste Management and Monitoring System (IWMMS)</p>		


2.2 LOGIN

The application enables the authorized users i.e. Industry, Contractor and Officer user to login into the application using registered User ID and Password. Take reference from the **Fig 2-11** shown below.



Figure 2-11 Home Screen (3)

- To login into the application as **Industry User**, select the respective option.

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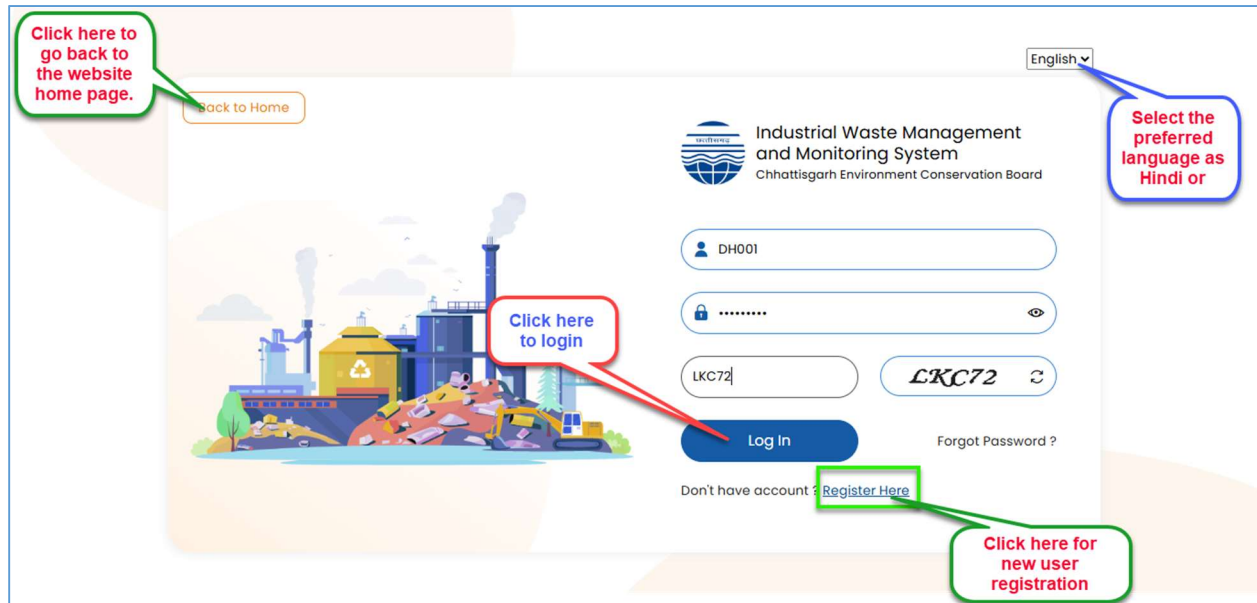





Figure 2-12 Login Screen

- Enter the registered User ID.
- Enter the Password. (To view the password entered, click on the **View** () Icon)
- Enter the Captcha Code. (If the captcha code provided is not understandable, then click on the **Refresh** () Icon to change the captcha code and re-enter the same)
- Click on **Log In** button.

Special Features

- For New User registration, click on the **Register Here** link and navigate to the registration form as discussed in the Sec 2.1.
- To go back to the home page of the website, click on **Back to Home** button.
- Set the language of the page as English or Hindi, by selecting the respective language option.
- If the user has forgotten the password, then click on the **Forgot Password** link.

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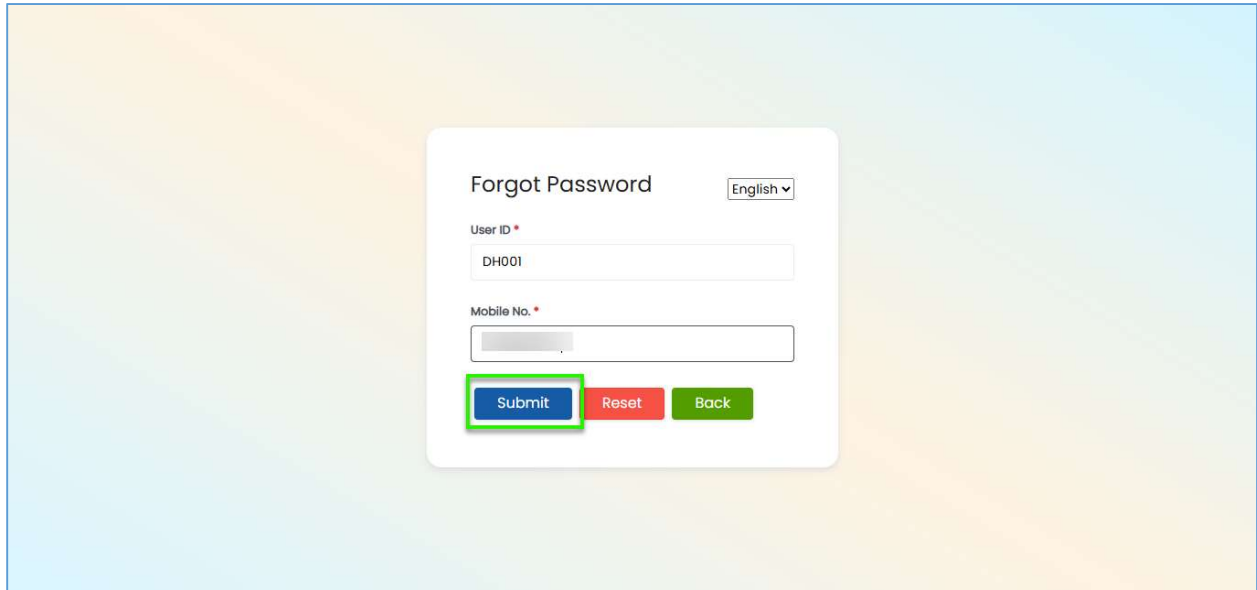



Figure 2-13 Forgot Password Screen

- Enter the User ID.
- Enter the mobile number.
- Click on **Submit** button.
 - Or, click on **Reset** button to remove the field details and re-enter again.
 - Or, click on **Back** button to go back to the previous page.

On submission, a one-time-password is received to the registered mobile number.

	<p align="center">Quality System Template CSM Technologies</p>	<p align="center">Document #: CSM/QT/01/01</p>	<p align="center">Rev.: 1.0 Page #:17 of 93</p>
	<p align="center">Industrial Waste Management and Monitoring System (IWMMS)</p>		

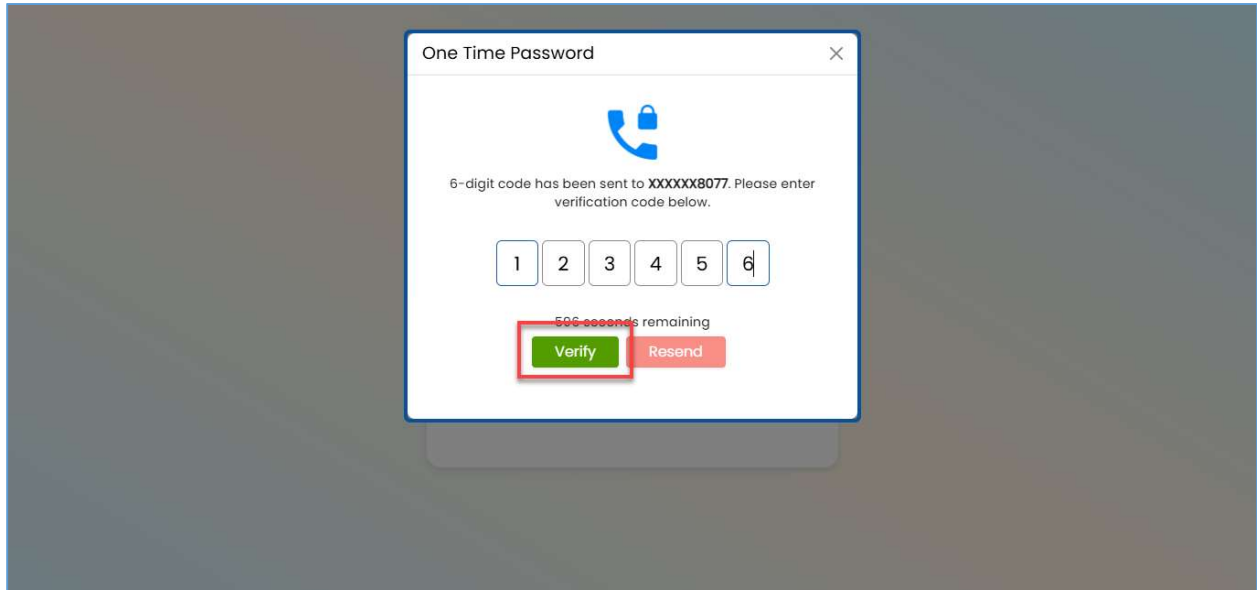

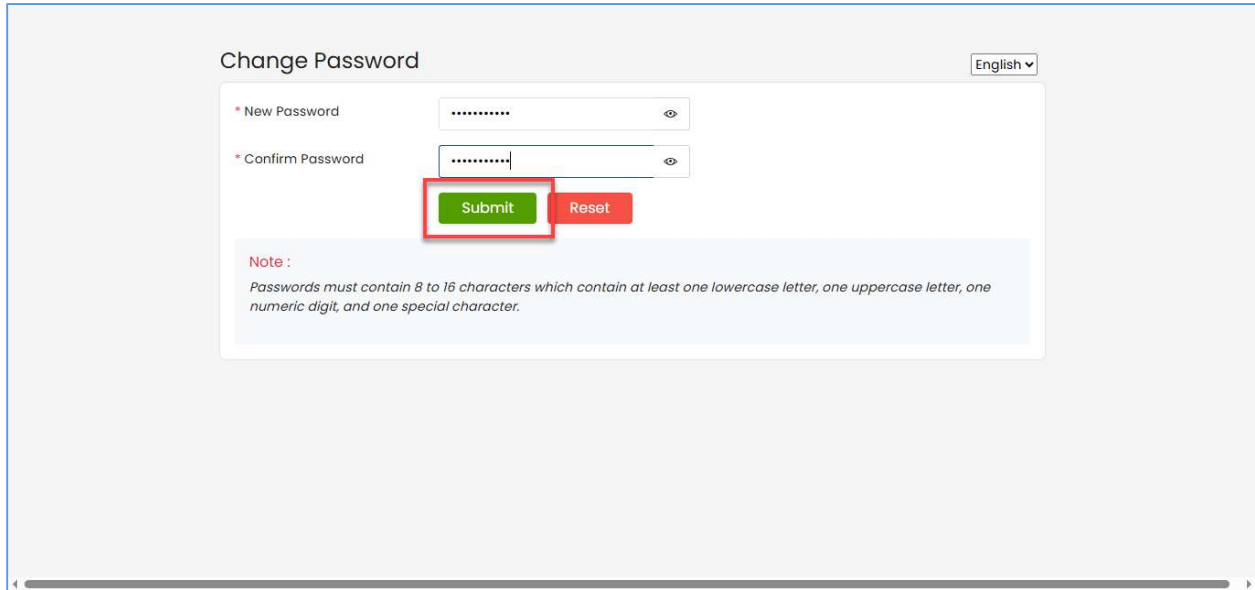


Figure 2-14 One Time Password Screen

- Enter the 6-digit code sent to the mobile number.
- Click on **Verify** button.
- On successful verification, navigate to the **Change Password** section, as shown below.

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	Industrial Waste Management and Monitoring System (IWMMS)		



English ▾



* New Password View

* Confirm Password View


Submit
Reset

Note :
 Passwords must contain 8 to 16 characters which contain at least one lowercase letter, one uppercase letter, one numeric digit, and one special character.

Figure 2-15 Change Password Screen

- Enter the New Password. (To view the password entered, click on the **View** () Icon)
- Re-enter the New Password to confirm. (To view the password entered, click on the **View** () Icon)
- Click on **Submit** button.

On successful submission, the password is changes successfully and a confirmation message appears on the display screen.

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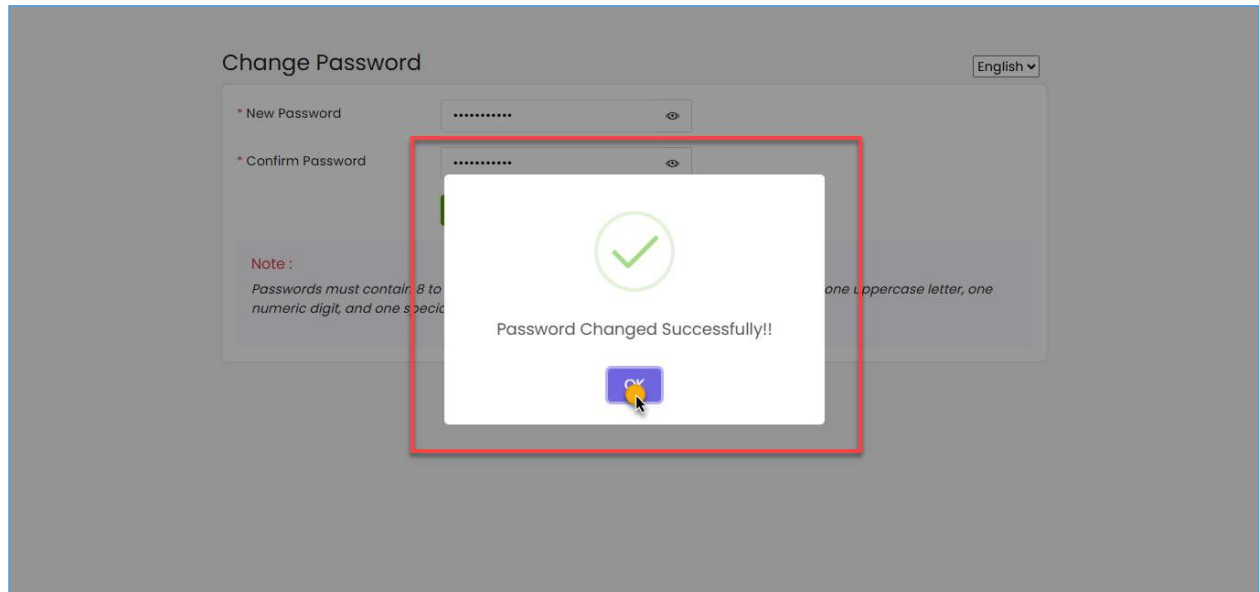



Figure 2-16 Confirmation Message Screen

- Click on the **OK** button to close the pop-up message.

3 DASHBOARD

With the successful login, get navigated to the dashboard. Take reference from the **Fig 3-1** shown below.

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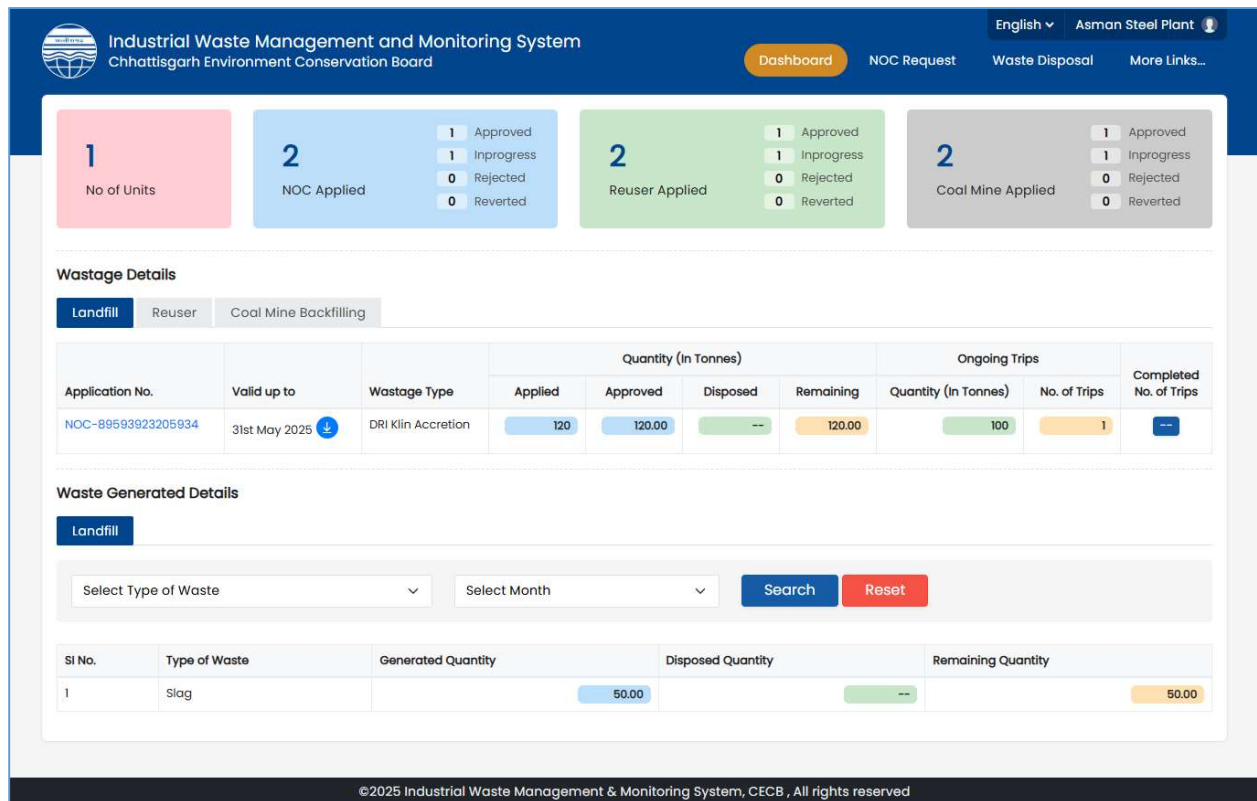


Figure 3-1 Dashboard Screen

The dashboard shown above shows the total number of units registered, number of NOC applied with total count of approved, in progress, rejected and reverted request, total number of reuser applied, with total count of approved, in progress, rejected and reverted request and total number of coal mines applied with total count of approved, in progress, rejected and reverted request


View the details of the wastage which includes the landfill, reuser and coal mines backfilling.

View the details of the waste generated from landfills.

Use the search function to filter the data as per the type of waste and month wise.

3.1 MORE LINKS

View the list of the additional links provided in the application i.e. links to unit registration, driver, loader, contractor waste generated and many more in the **More Links**.

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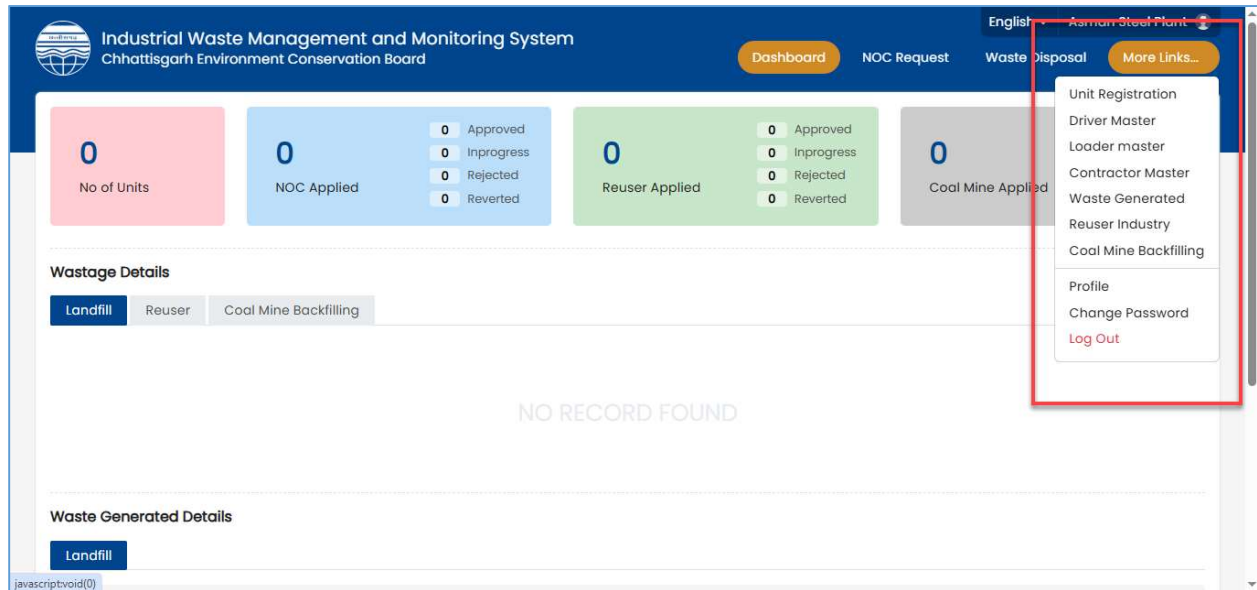



Figure 3-2 Dashboard Screen (2)

Take reference from the highlighted section in the **Fig 3-2**.

3.1.1 UNIT REGISTRATION

Register the details of the unit of the industry or power plant from where the waste is to be regulated and managed. Add the details of the facility, the waste it generates, and the personnel in charge of managing in the **Unit Registration** link.

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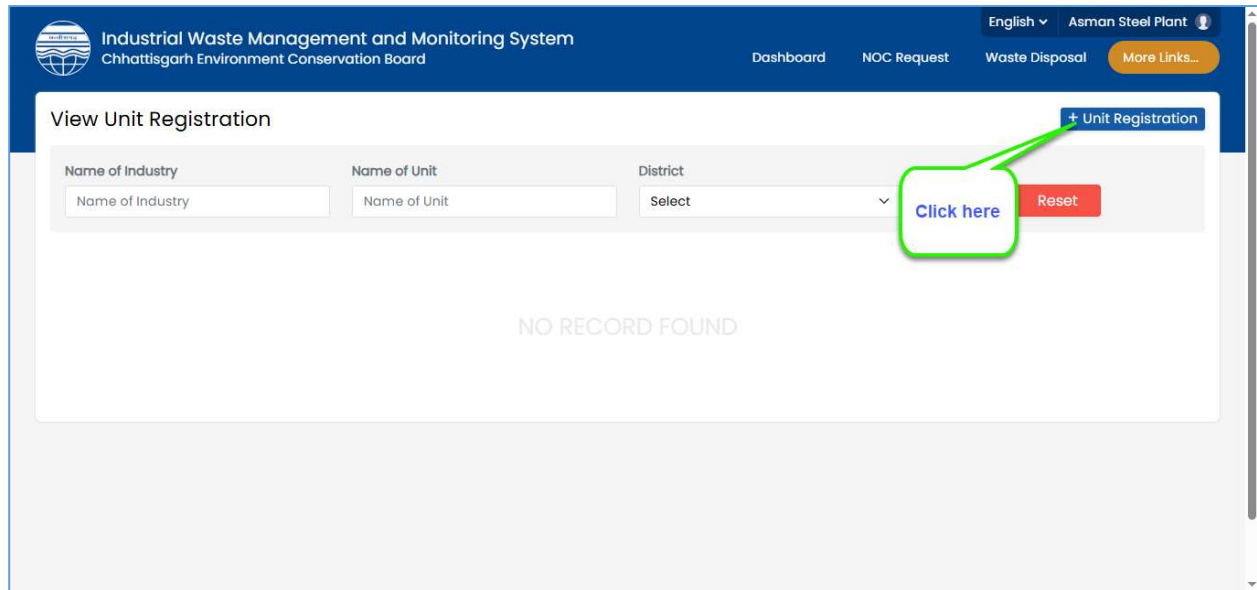



Figure 3-3 View Unit Registration Screen (1)

Take reference from the **Fig 3-3**.

- For a new unit registration, click on Unit Registration button, as highlighted in the **Fig 3-3** above.

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	<h3>Industrial Waste Management and Monitoring System (IWMMS)</h3>		

English ▾ Asman Steel Plant
Dashboard NOC Request Waste Disposal More Links...

Unit Registration View Unit Registration

Unit Information

Name of Unit * Does the power plant have its own ash dyke? * Yes No Urban / Rural *

District * Block * Village *

Factory Address *

Location

Latitude * Longitude * Choose Location From Map

Waste Generated

Sl#	Type of Waste Generated *	Average Quantity of Waste Generated weekly (In Tonnes) *	
1	<input type="text" value="Char-Dolochar"/>	<input type="text" value="20"/>	-
2	<input type="text" value="Fly Ash"/>	<input type="text" value="5"/>	+ -

Details of Incharge

Authorised Person Name * Designation * Mobile No. * Verify

Landline Number User ID * Password *

Confirm Password * Subincharge Available ? * Yes No


Submit
Reset

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Figure 3-4 Unit Registration Screen (1)

Add the Unit information

- Add the name of the unit being registered.
- Select from either yes/no option and confirm whether the plant has a dedicated ash dyke for storing ash produced from the plant's operations.
- Select whether the unit is located in an urban or rural area.

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- If the unit is located in Rural Area, then -
 - Select the District Name.
 - Select the Block Name.
 - Select the Village Name.
- If the unit is located in the Urban Area, then -
 - Select the District Name.
 - Select the ULB Name.
 - Select the Ward Number.
- Add the address of the unit.

Add the Location details


- The system allows the user to enter the Latitude and Longitude of the Unit Location.
- Or, click on **Choose Location from Map** (refer **Fig 3-4**) to identify and fetch the longitude and latitude details of the location directly from the map.

Add the Waste Generated details

- Select the Type of the Waste Generated, followed by entering average quantity of waste generated weekly in tonnes.
- On entering the details, click on the **Plus** Icon to add the data.
- Doing so, the data is added in the system.
- If the details entered is not correct, click on the **Minus** Icon to remove the data from the table.

Add Details of the In-Charge

- Add the Name of the Authorised Person of the unit.
- Add the Designation of the authorized person.
- Add the mobile number of the authorized person.
- Click on **Verify** button to receive a One Time Password to the mobile number and validate the number.
- Once verified successfully, enter the landline number.
- Add a unique User ID for the authorized person. (**Note:** Make sure user ID should be more than 5 characters.)


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- Add Password for the user. (**Note:** Make sure the password entered should be 8-16 character long and contains at least one uppercase, one lowercase, one number and one special character)
- Re-enter the password to confirm.
- Select from either Yes or No option and confirm whether a subincharge is available or not.
- If Yes is selected, then provide the subincharge details.

Add Subincharge details.

- Add the Name of the subincharge of the unit.
- Add the Designation of the subincharge.
- Add the mobile number of the subincharge.
- Click on **Verify** button to receive a One Time Password to the mobile number and validate the number.
- Once verified successfully, enter the landline number.
- Add a unique User ID for the subincharge. (**Note:** Make sure user ID should be more than 5 characters.)
- Add Password for the user. (**Note:** Make sure the password entered should be 8-16 character long and contains at least one uppercase, one lowercase, one number and one special character)
- Re-enter the password to confirm.
- Click on **Submit** button.

On successful submission, the unit registration is completed successfully and a confirmation message of the same also appears on the display screen.

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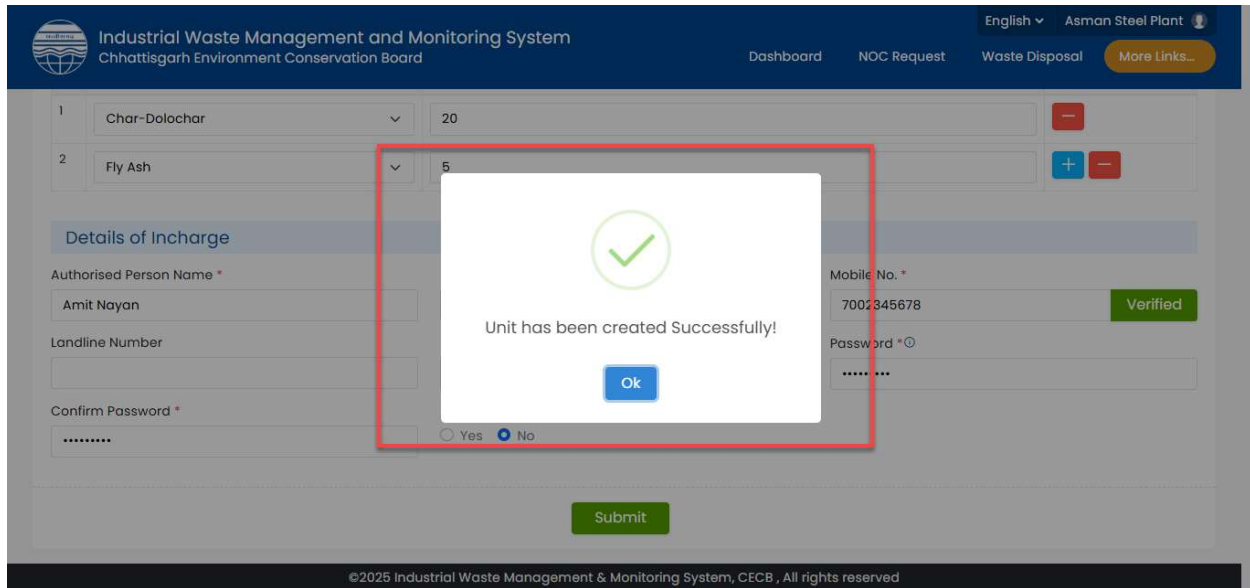


Figure 3-5 Confirmation Message Screen

- Click on **OK** button to close the pop-up message appeared.

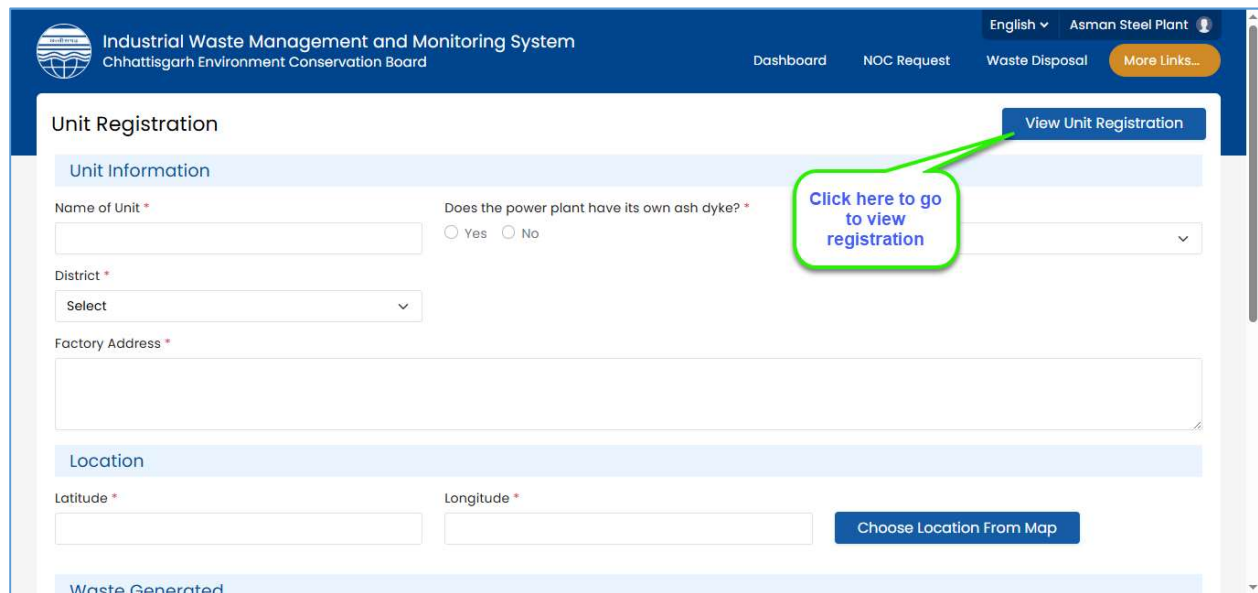



Figure 3-6 Unit Registration Screen (2)

- Click on the **View Unit Registration** button to navigate to the view page.

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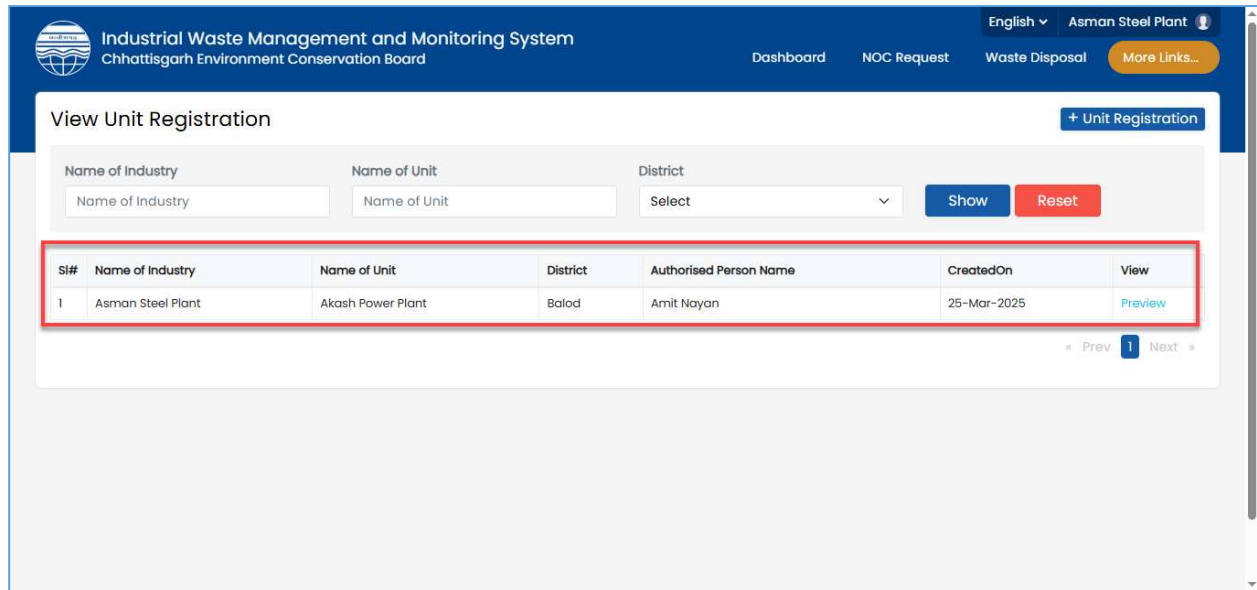




Figure 3-7 View Unit Registration Screen (2)

View the list of the unit registration details added in a tabular format.

- In order to filter the data displayed, enter the name of the industry, name of the unit and select the district name, then click on **Show** button.
- To take a preview of the unit registration details, click on the **Preview** button.

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Industrial Waste Management and Monitoring System
Chhattisgarh Environment Conservation Board
English ▾ Asman Steel Plant

Dashboard
NOC Request
Waste Disposal
More Links...


Preview of Unit Registration

Unit Information

Name of Unit	Does the power plant have its own ash dyke?	Urban / Rural
Akash Power Plant	Yes	Rural
District	Block	Village
Balod	Dondi	Adejhar
Factory Address		
Adejhar		

Location

Latitude: 21.2787 Longitude: 81.8661



Waste Generated

Sl#	Type of Waste Generated	Average Quantity of Waste Generated weekly (In Tonnes)
1	Char-Dolochar	20
2	Fly Ash	5

Details of Incharge

Authorised Person Name	Designation	Mobile No.
Amit Nayan	Incharge	7002345678
Landline Number	User ID	
--	secretary	
	Subincharge Available ?	
	No	


[Click here to go back](#)

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Figure 3-8 Preview of Unit Registration Screen

Take reference from the **Fig 3-8**.

- To back to the view section again, click on the **Back** Icon.

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3.1.2 DRIVER MASTER

Add and manage the details of the driver who will be responsible for transportation of the waste carrier vehicle from source to destination location in this link.

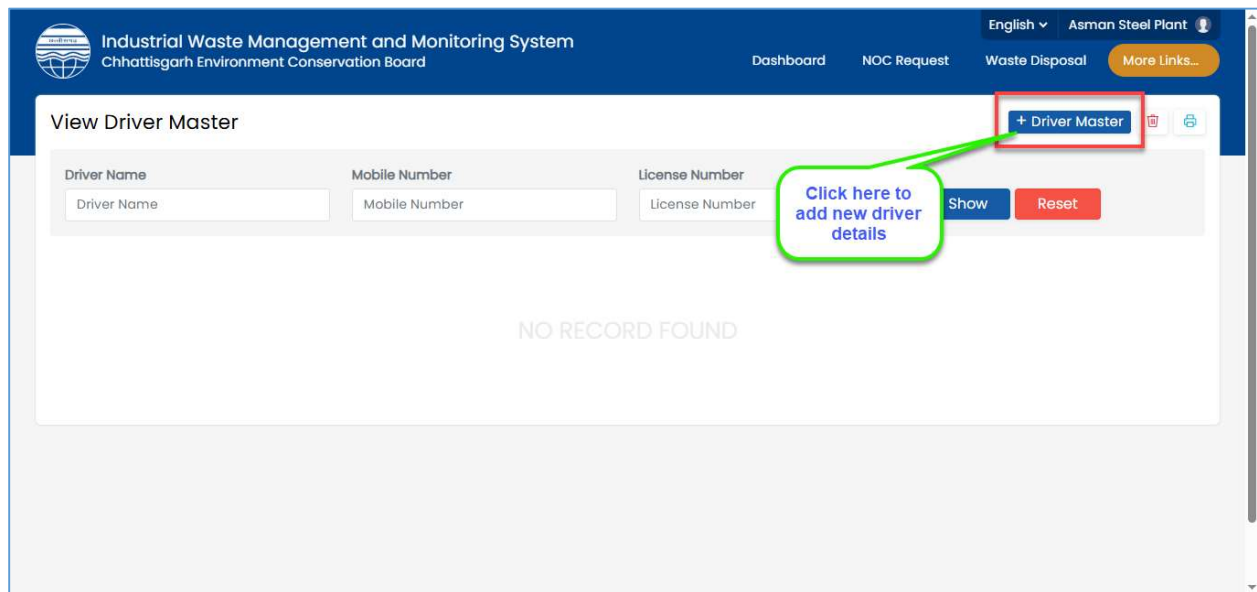

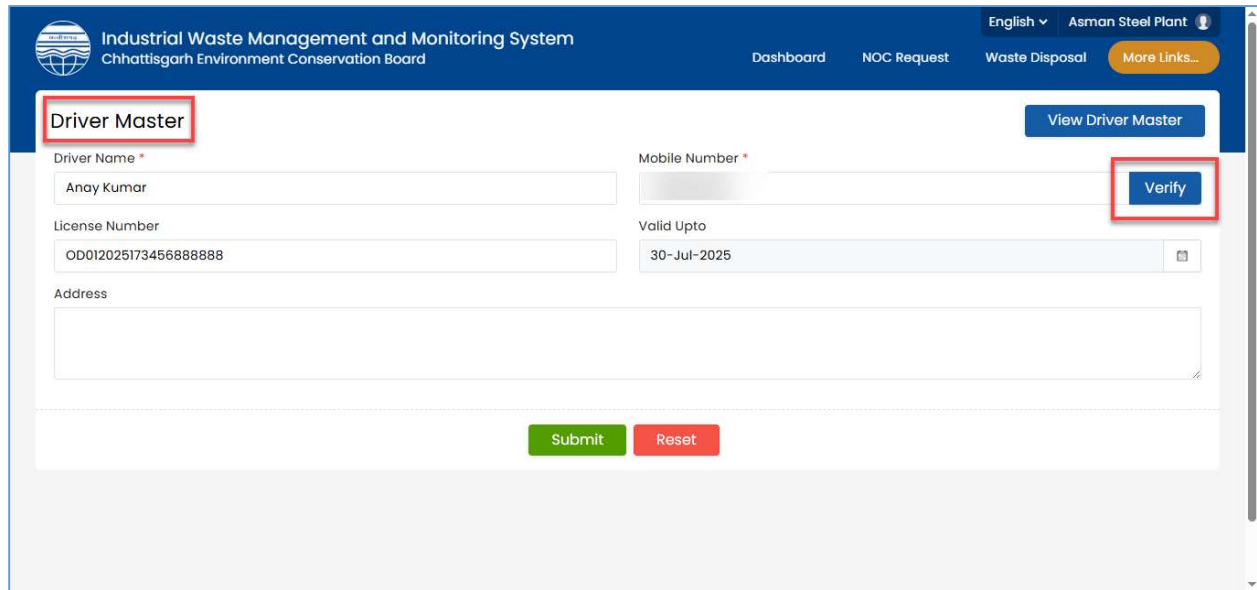


Figure 3-9 View Driver Master Screen

- Refer **Fig 3-9**. To add new driver information in the system, click on the **Driver Master** link, and navigate to respective add section.

Take reference from the **Fig 3-10**.

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The screenshot shows the 'Driver Master' screen of the Industrial Waste Management and Monitoring System (IWMMS). The page header includes the system name and the Chhattisgarh Environment Conservation Board logo. The navigation bar contains links for Dashboard, NOC Request, Waste Disposal, and More Links. The main form area is titled 'Driver Master' and contains the following fields and buttons:

- Driver Name ***: Input field containing 'Anay Kumar'.
- Mobile Number ***: Input field with a masked number.
- License Number**: Input field containing 'OD012025173456888888'.
- Valid Upto**: Input field containing '30-Jul-2025'.
- Address**: Text area for entering the driver's address.
- Buttons**: 'View Driver Master' (top right), 'Verify' (right side, highlighted with a red box), 'Submit' (bottom center, green), and 'Reset' (bottom center, red).

Figure 3-10 Driver Master Screen (1)

- Add the Name of the Driver, who will be operating the vehicle.
- Add the Mobile Number of the Driver.
- Click on **Verify** button to receive a One Time Password to the mobile number and validate the number.

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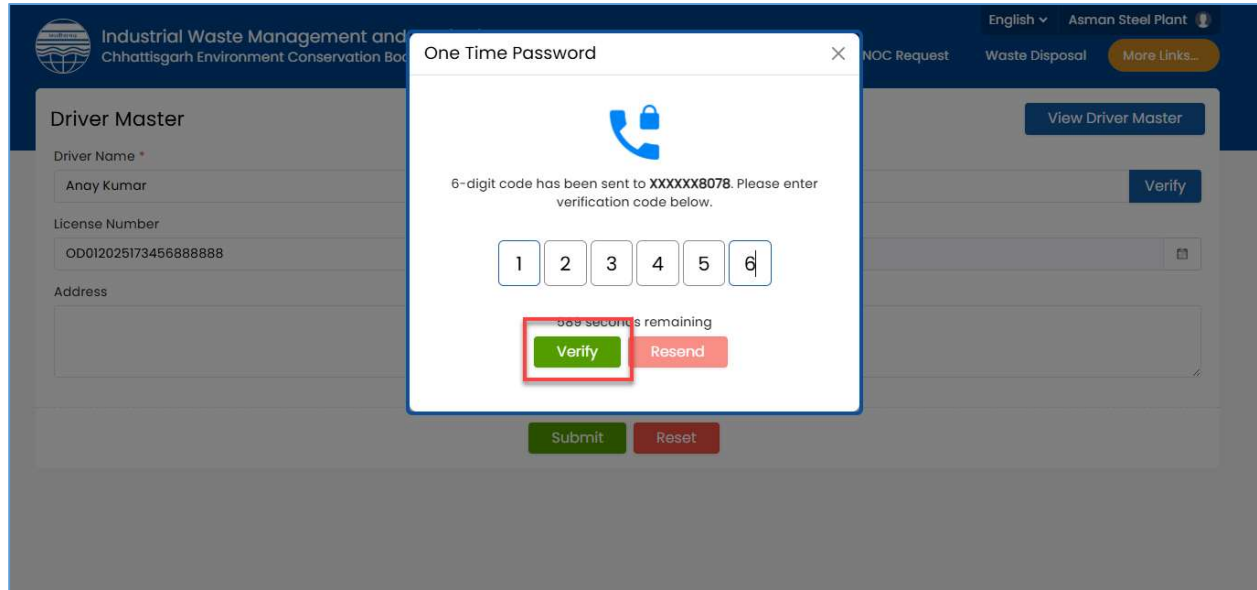


Figure 3-11 Verify Mobile Number Screen

- Enter the 6-digit code sent to the mobile number.
- Click on **Verify** button.

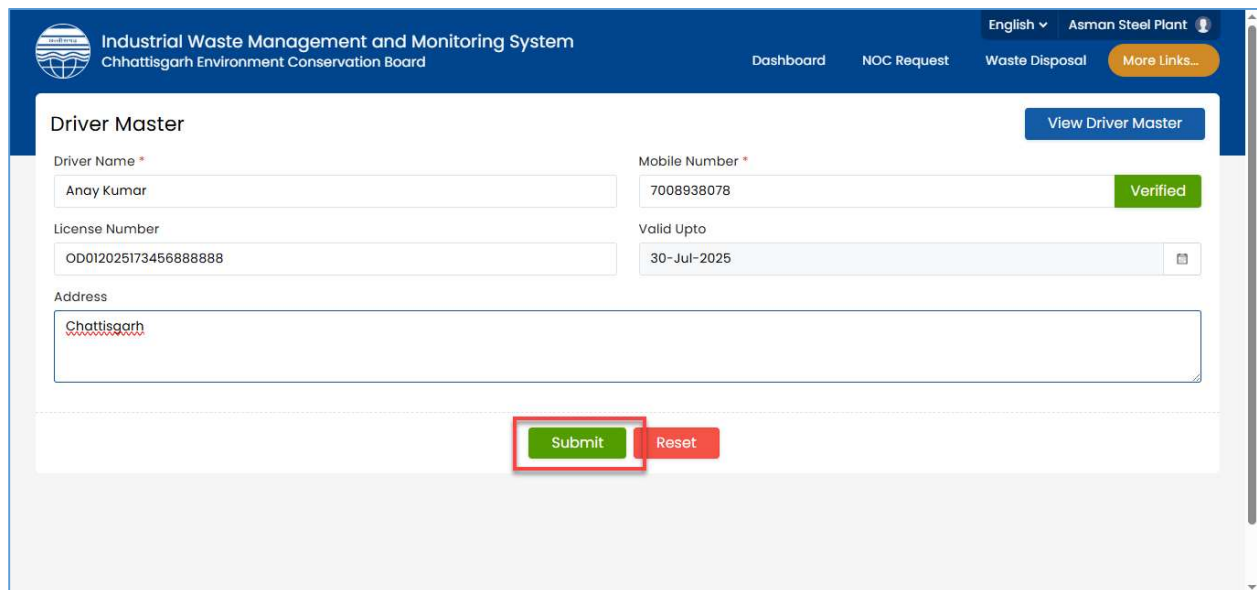



Figure 3-12 Driver Master Screen (2)

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- Add driver's unique license number issued by the local or national authority.
- Select the expiry date of the driver's license.
- Add the residential address details of the driver.
- Click on **Submit** button.

On successful submission, the driver registration is completed successfully and a confirmation message of the same also appears on the display screen.

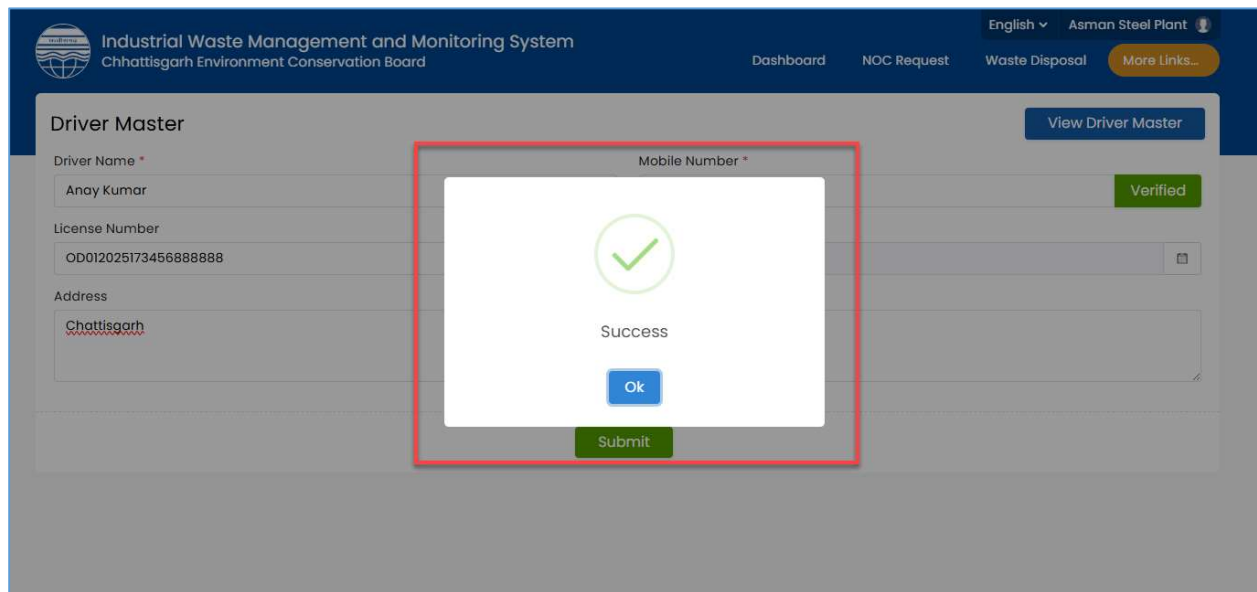



Figure 3-13 Confirmation Message Screen

- Click on **OK** button to close the pop-up message appeared.

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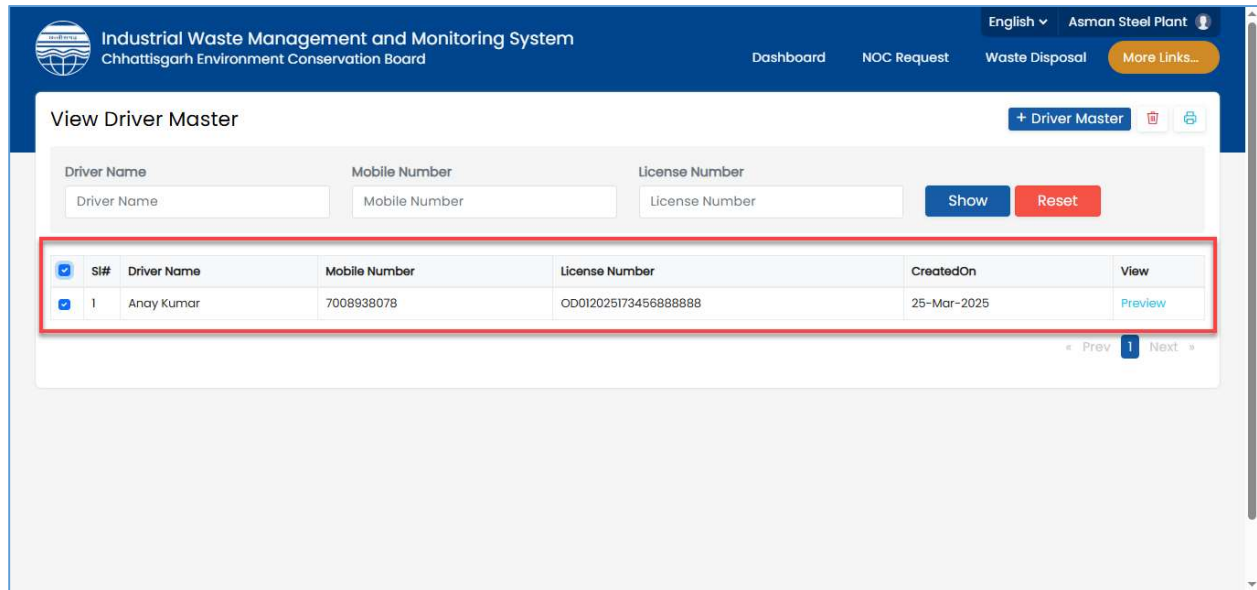



Figure 3-14 View Driver Registration Screen (2)

View the list of the driver registration details added in a tabular format.

- In order to filter the data displayed, enter the name of the driver, mobile number and license number, then click on **Show** ([Show](#)) button.
- To take a print of the record data, select the record to be printed by putting tick mark in the checkbox of the respective record and click on the **Print** ([Print](#)) button.
- To delete the record data from the table, select the record to be delete by putting tick mark in the checkbox of the respective record and click on the **Delete** ([Delete](#)) button
- To take a preview of the driver details, click on the **Preview** ([Preview](#)) button.

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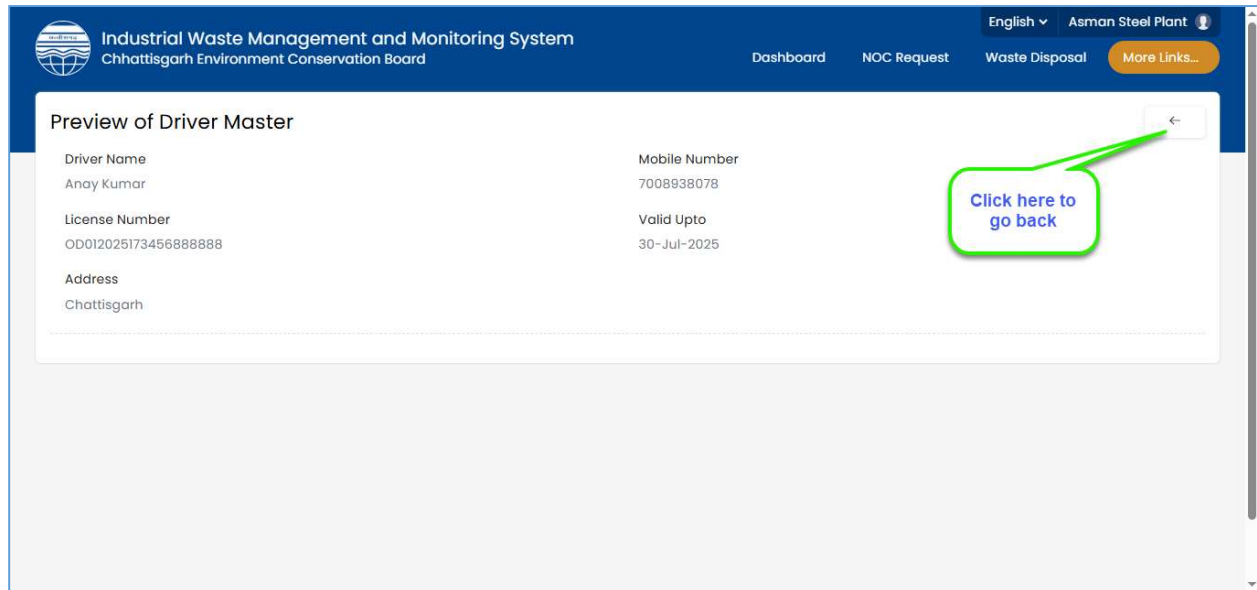



Figure 3-15 Preview of Driver Master Screen

Take reference from the **Fig 3-15**.

- To back to the view section again, click on the **Back** (←) Icon.

3.1.3 LOADER MASTER

Add and manage the details of the loader user who will manage the loading and unloading of the waste materials in **Loader Master** link.

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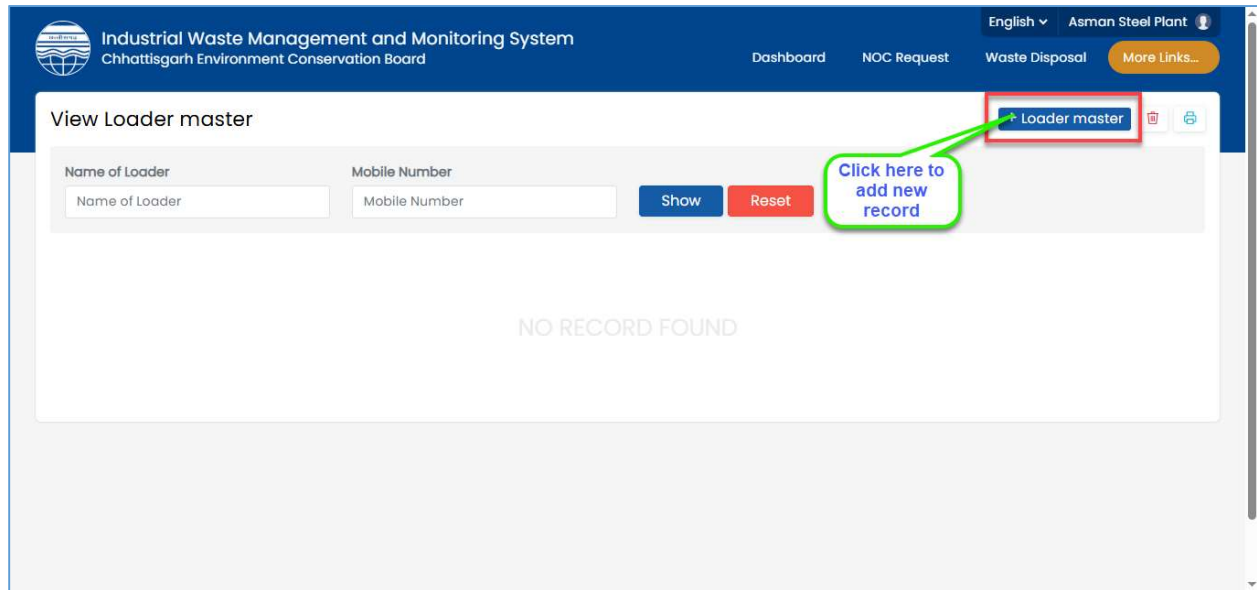



Figure 3-16 View Loader Master Screen

- Refer **Fig 3-16**. To add new loader information in the system, click on the **Loader Master** link, and navigate to respective add section.

Take reference from the **Fig 3-17**.

	<p align="center">Quality System Template CSM Technologies</p>	<p align="center">Document #: CSM/QT/01/01</p>	<p align="center">Rev.: 1.0 Page #: 36 of 93</p>
	<p align="center">Industrial Waste Management and Monitoring System (IWMMS)</p>		

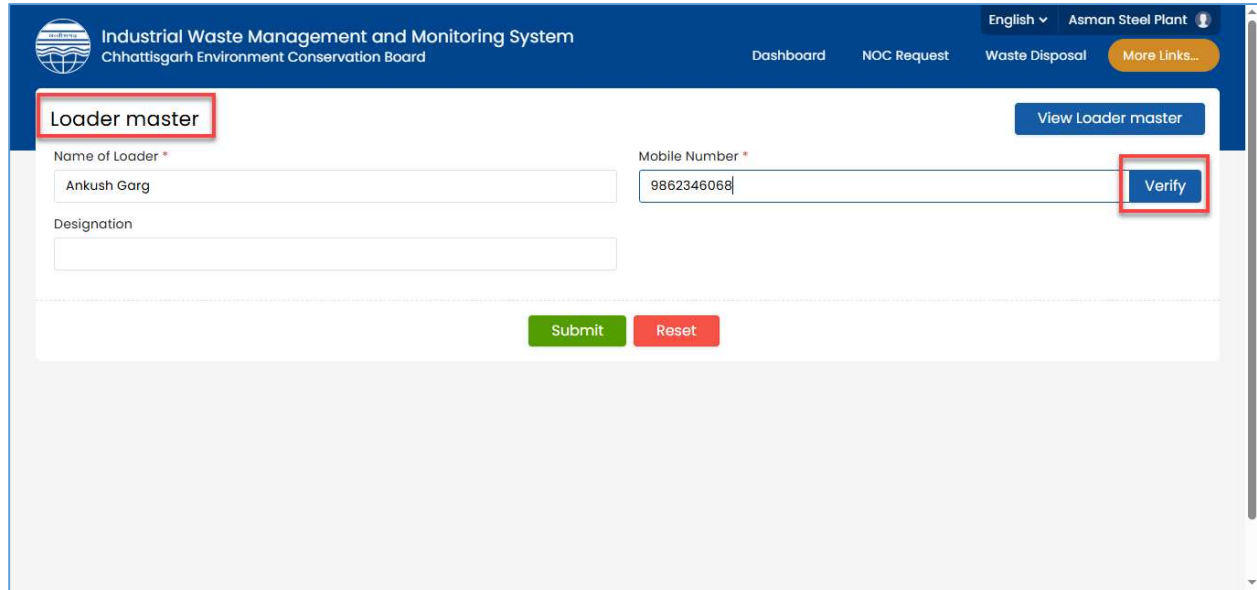



Figure 3-17 Loader Master Screen (1)

- Add the Name of the Loader User.
- Add the Mobile Number of the Loader.
- Click on **Verify** button to receive a One Time Password to the mobile number and validate the number.

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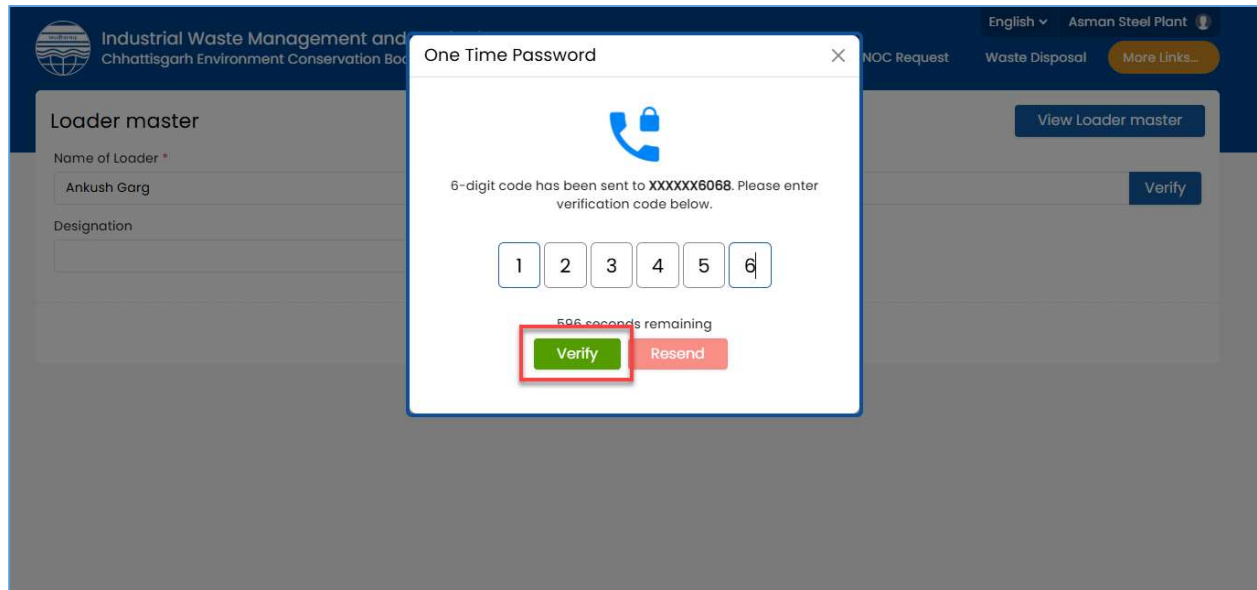


Figure 3-18 Verify Mobile Number Screen

- Enter the 6-digit code sent to the mobile number.
- Click on **Verify** button.

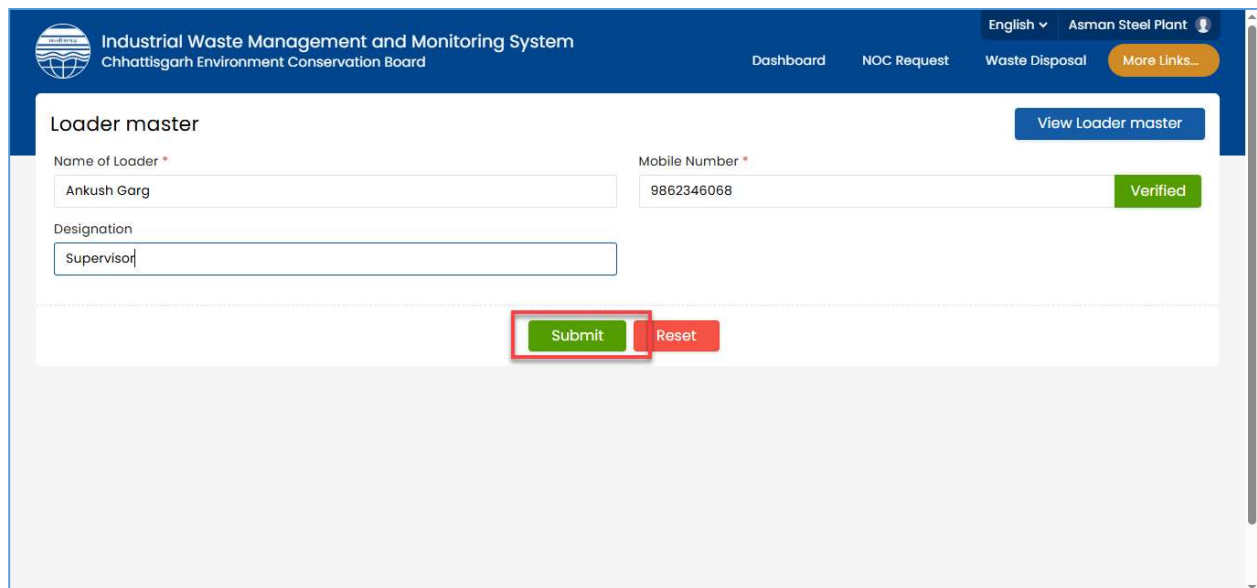



Figure 3-19 Loader Master Screen (2)

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- Add designation of the loader user.
- Click on **Submit** button.

On successful submission, the loader user registration is completed successfully and a confirmation message of the same also appears on the display screen.

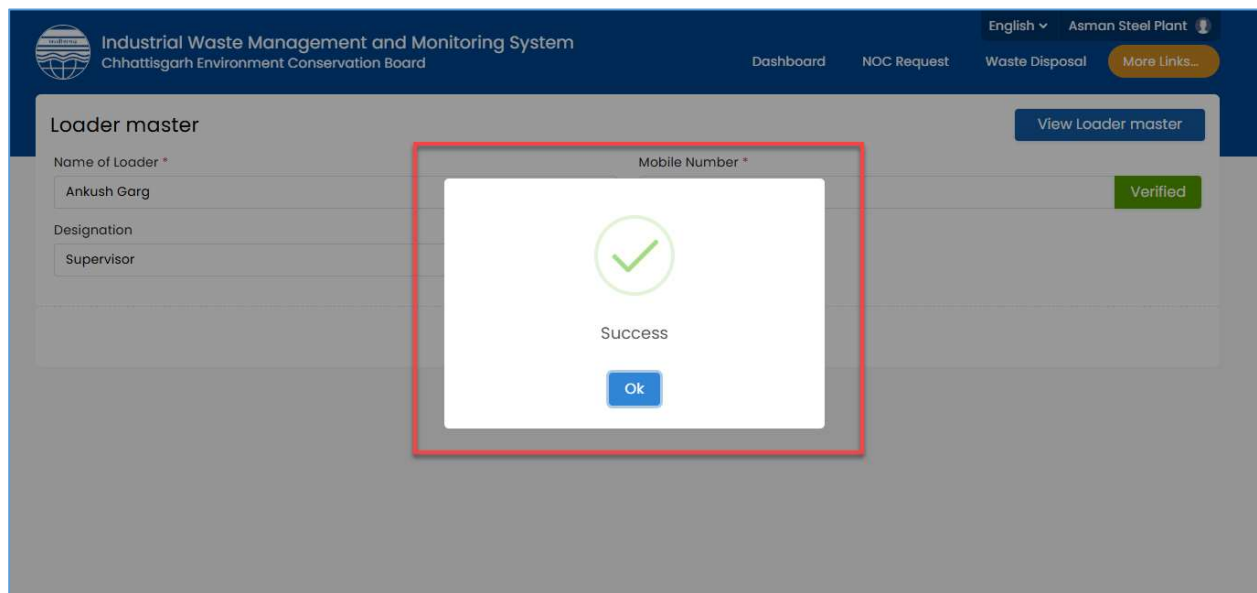



Figure 3-20 Confirmation Message Screen

- Click on **OK** button to close the pop-up message appeared.

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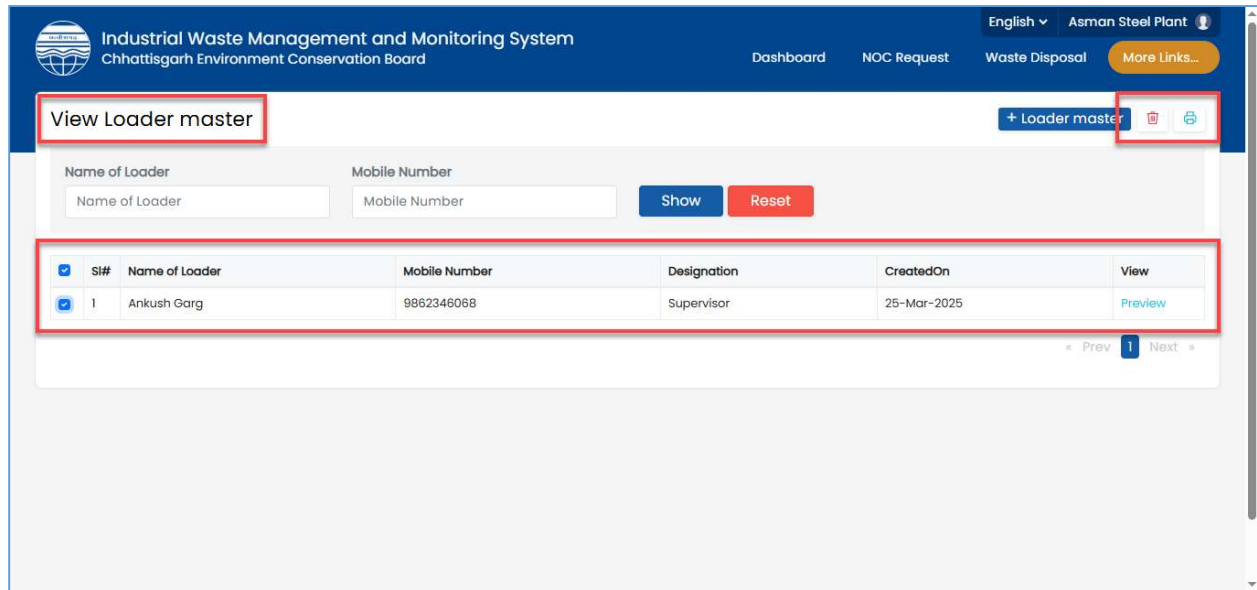



Figure 3-21 View Loader Master Screen (2)

View the list of the loader user registration details added in a tabular format.

- In order to filter the data displayed, enter the name of the loader user, and mobile number, then click on **Show** ([Show](#)) button.
- To take a print of the record data, select the record to be printed by putting tick mark in the checkbox of the respective record and click on the **Print** ([Print](#)) button.
- To delete the record data from the table, select the record to be delete by putting tick mark in the checkbox of the respective record and click on the **Delete** ([Delete](#)) button
- To take a preview of the loader user details, click on the **Preview** ([Preview](#)) button.

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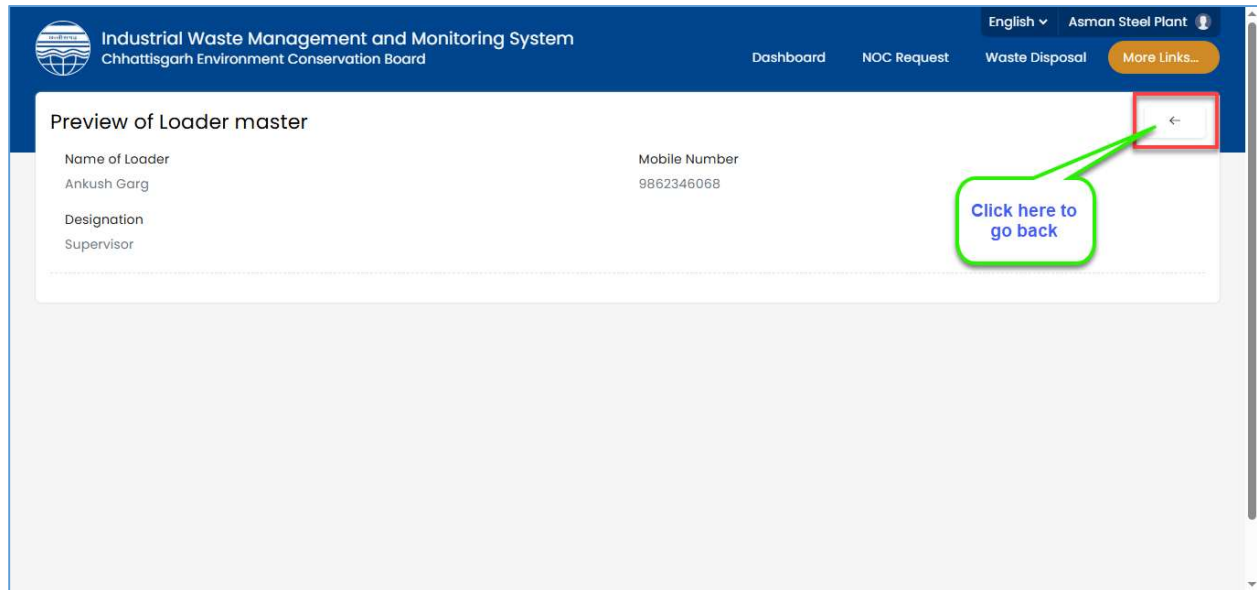



Figure 3-22 Preview of Loader Master Screen

Take reference from the **Fig 3-22**.

- To back to the view section again, click on the **Back** (←) Icon.

3.1.4 CONTRACTOR MASTER

Add and manage the details of the contractor who manages the industrial waste in **Contractor Master** link.

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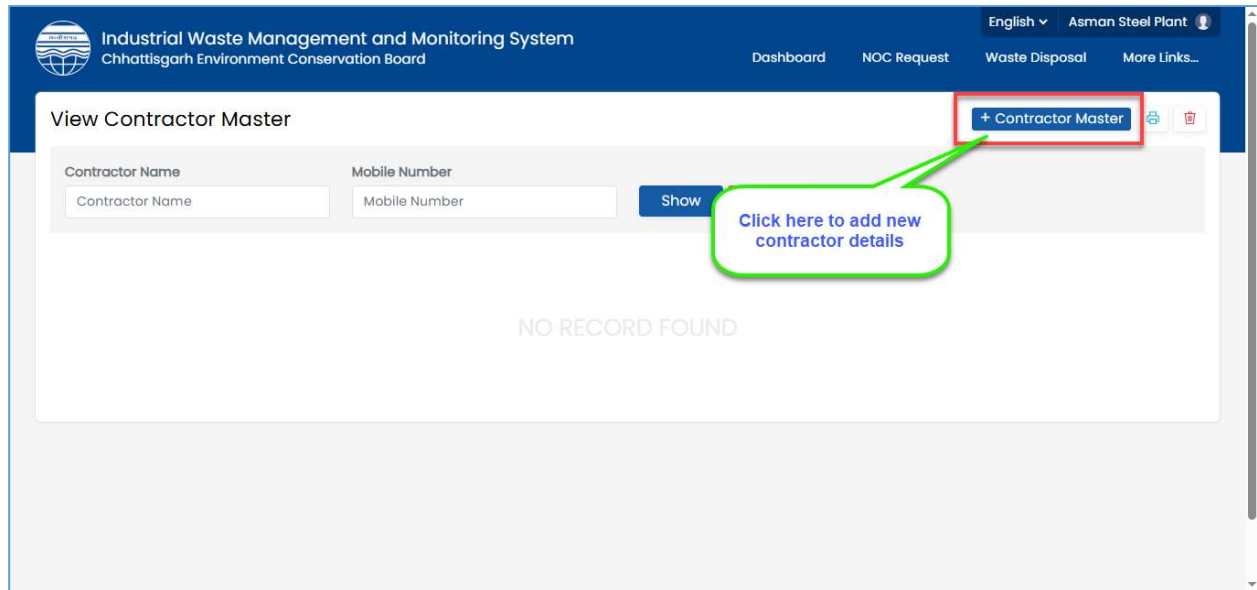

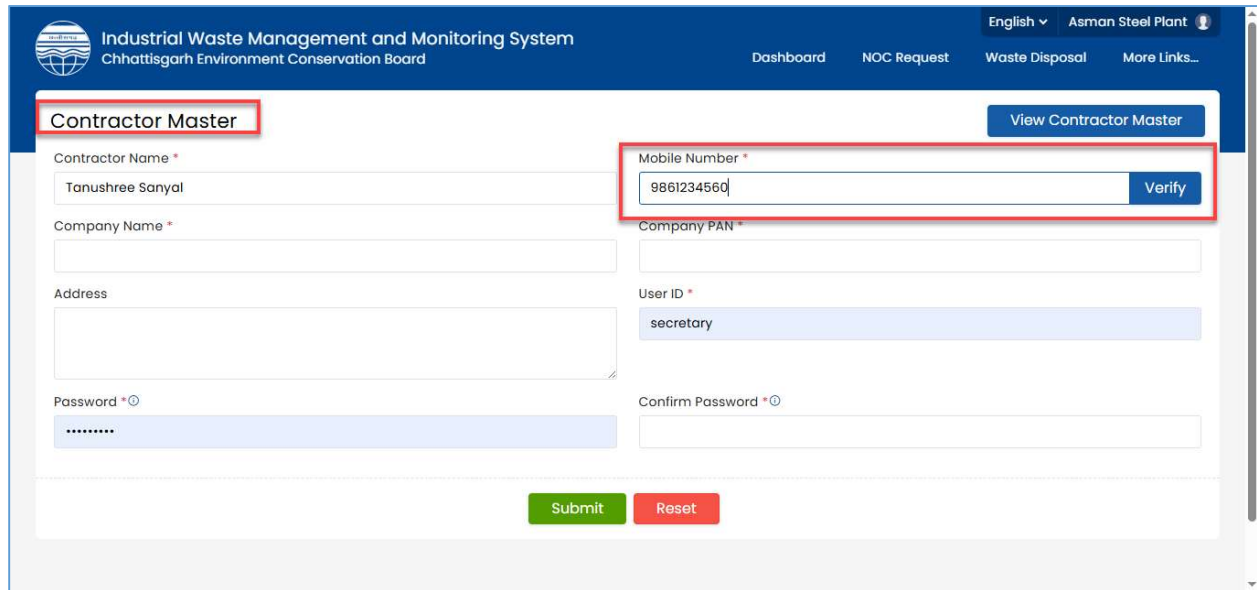


Figure 3-23 View Contractor Master Screen

- Refer **Fig 3-23**. To add new contractor information in the system, click on the **Contractor Master** link, and navigate to respective add section.

Take reference from the **Fig 3-23**.

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The screenshot shows the 'Contractor Master' form in the IWMMS application. The form includes the following fields and elements:

- Contractor Name ***: Tanushree Sanyal
- Mobile Number ***: 9861234560 (with a 'Verify' button)
- Company Name ***: (empty)
- Company PAN ***: (empty)
- Address**: (empty)
- User ID ***: secretary
- Password ***: (masked with dots)
- Confirm Password ***: (empty)

At the bottom of the form, there are two buttons: 'Submit' (green) and 'Reset' (red). A 'View Contractor Master' button is located in the top right corner of the form area.

Figure 3-24 Contractor Master Screen (1)

- Add the Name of the Contractor.
- Add the Mobile Number of the Contractor.
- Click on **Verify** button to receive a One Time Password to the mobile number and validate the number.

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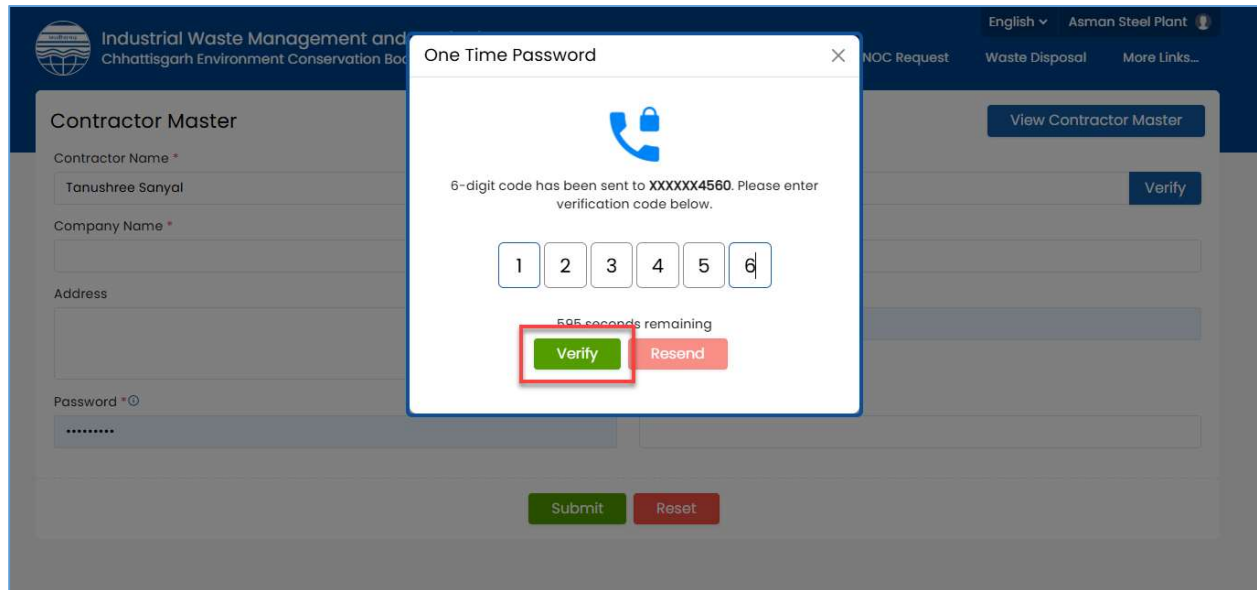


Figure 3-25 Verify Mobile Number Screen

- Enter the 6-digit code sent to the mobile number.
- Click on **Verify** button.

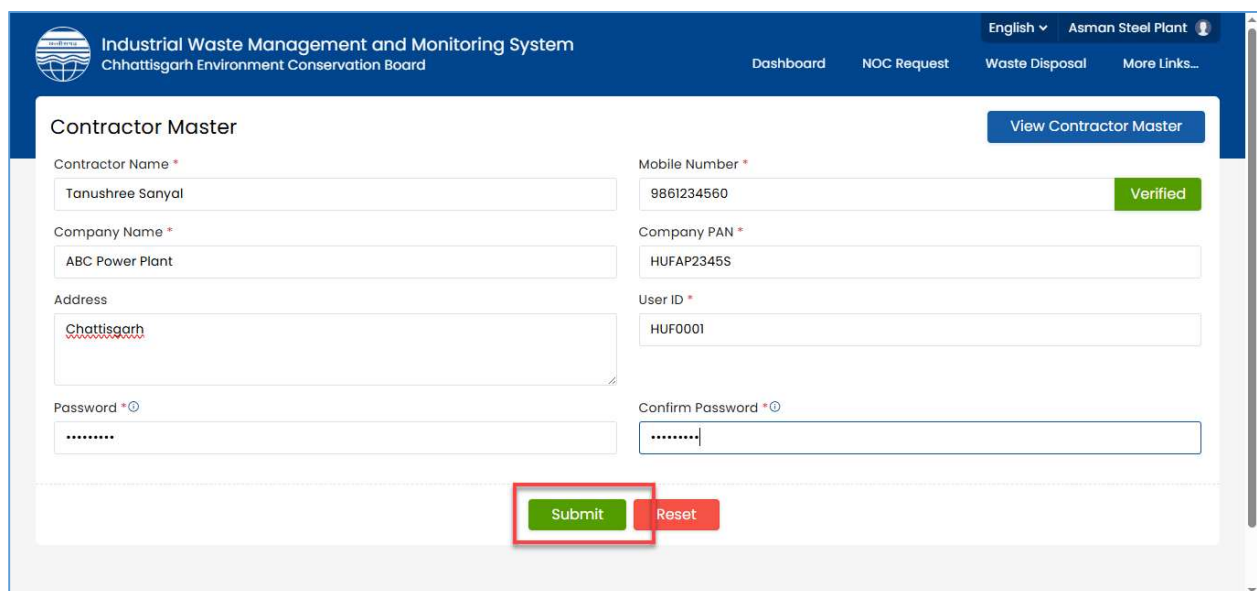



Figure 3-26 Contractor Master Screen (2)

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- Add the name of the contractor's company.
- Add the Permanent Account Number (PAN) of the company.
- Add the physical address details of the contractor's company.
- Add a unique ID for the contractor to access the portal. (**Note:** Make sure user ID should be more than 5 characters.)
- Add a password the contractor will use to access their account. (**Note:** Make sure the password entered should be 8-16 character long and contains at least one uppercase, one lowercase, one number and one special character)
- Re-enter the password to confirm.
- Click on **Submit** button.

On successful submission, the contractor user registration is completed successfully and a confirmation message of the same also appears on the display screen.

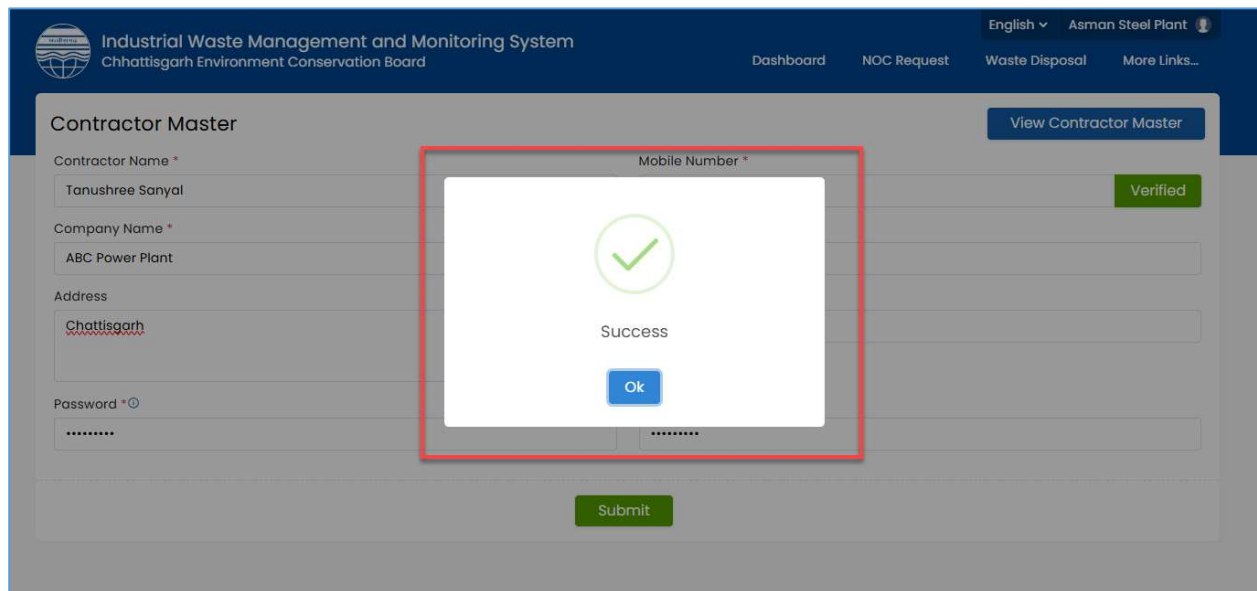



Figure 3-27 Confirmation Message Screen

- Click on **OK** button to close the pop-up message appeared.

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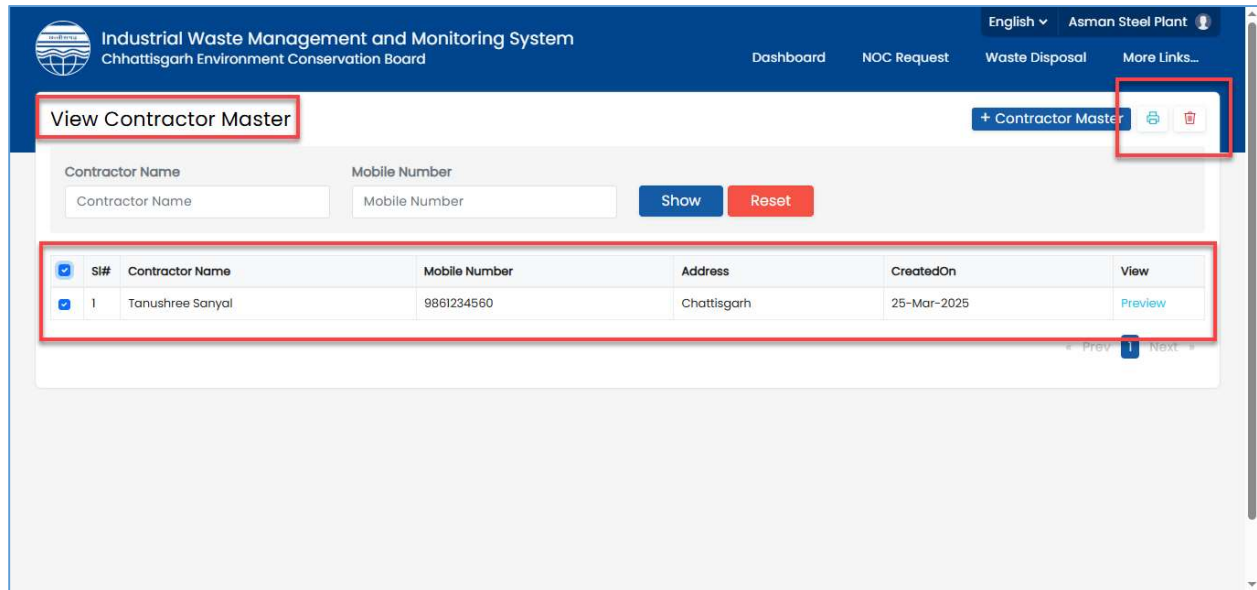







Figure 3-28 View Contractor Master Screen (2)

View the list of the contractor user details added in a tabular format.

- In order to filter the data displayed, enter the name of the contractor user, and mobile number, then click on **Show** () button.
- To take a print of the record data, select the record to be printed by putting tick mark in the checkbox of the respective record and click on the **Print** () button.
- To delete the record data from the table, select the record to be delete by putting tick mark in the checkbox of the respective record and click on the **Delete** () button
- To take a preview of the contractor user details, click on the **Preview** () button.

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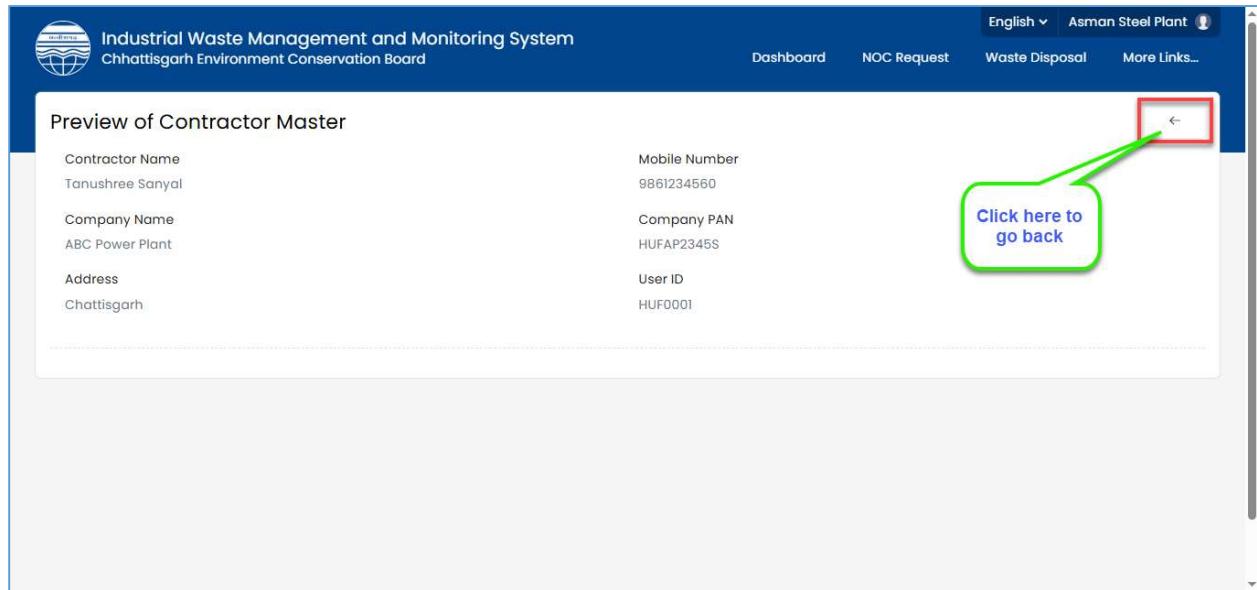



Figure 3-29 Preview of Contractor Master Screen

Take reference from the **Fig 3-29**.

- To back to the view section again, click on the **Back** (←) Icon.

3.1.5 WASTE GENERATED

Add and manage the details of the waste generated from the power plant or industries such as Char Dolochar, Fly Ash, Slag, Kiln Accretion as well as Quantity of Waste Generated in a specified timeline in **Waste Generated** link.

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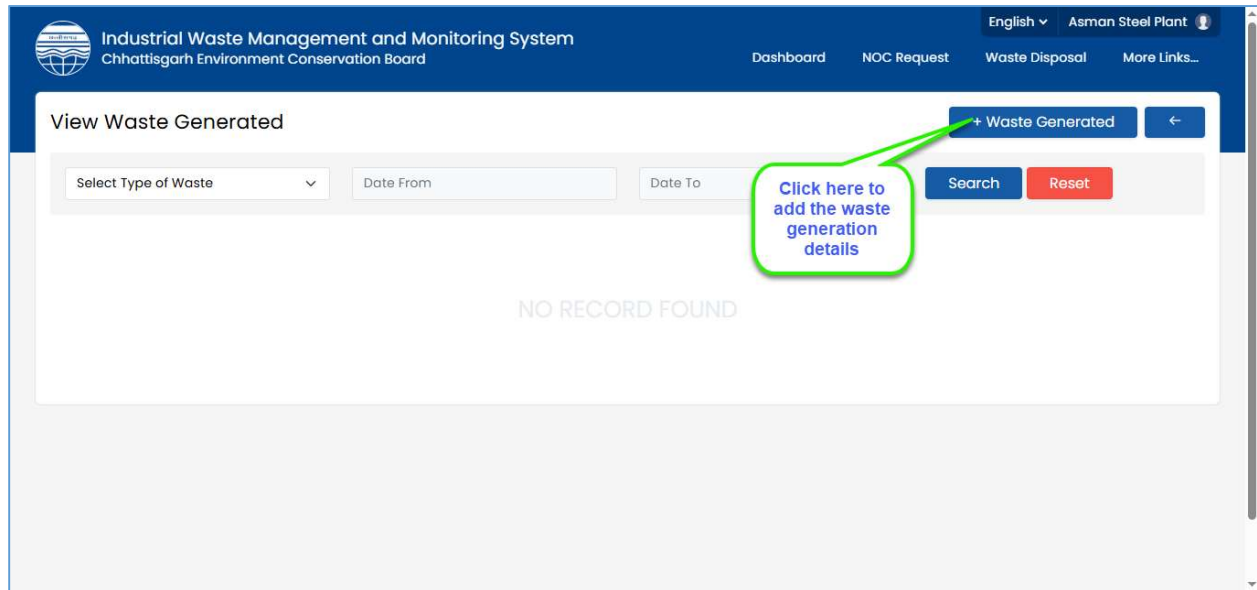

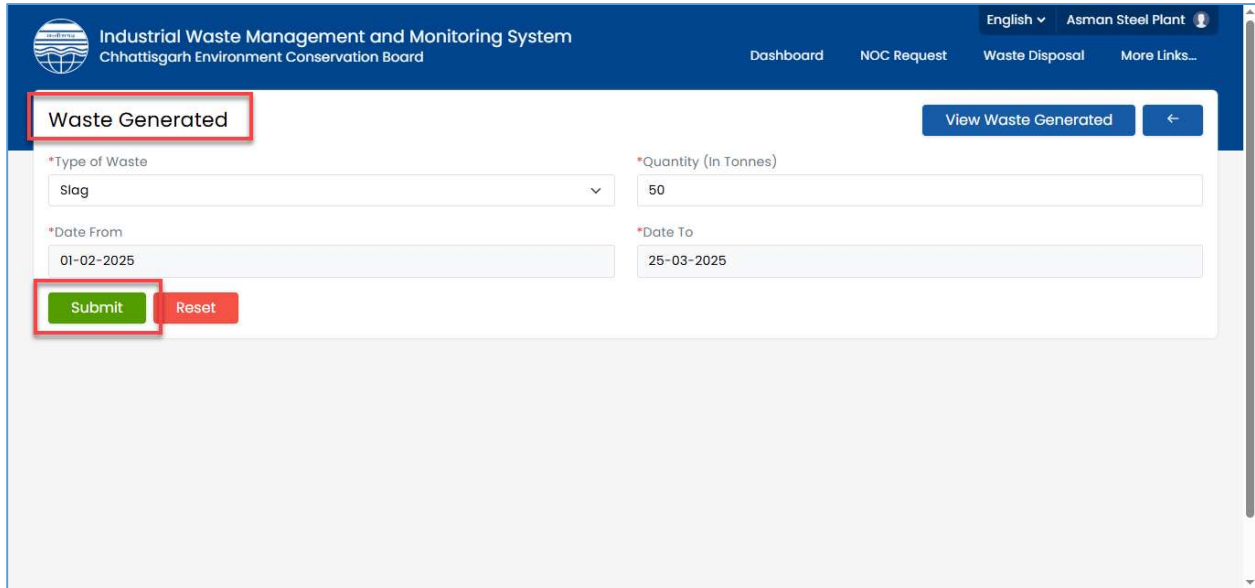


Figure 3-30 View Waste Generated Screen

- Refer **Fig 3-30**. To add details of the waste generation in the system, click on the **Waste Generated** link, and navigate to respective add section.

Take reference from the **Fig 3-31**.

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The screenshot shows the 'Waste Generated' form in the Industrial Waste Management and Monitoring System (IWMMS) interface. The form is titled 'Waste Generated' and is part of the Chhattisgarh Environment Conservation Board's system. The form includes the following fields and controls:

- Type of Waste:** A drop-down menu with 'Slag' selected.
- Quantity (in Tonnes):** A text input field containing '50'.
- Date From:** A date picker field showing '01-02-2025'.
- Date To:** A date picker field showing '25-03-2025'.
- Buttons:** A green 'Submit' button and a red 'Reset' button are located at the bottom left of the form. A blue 'View Waste Generated' button and a back arrow are located at the top right.

Figure 3-31 Waste Generated Screen (1)

- Select Type of waste from drop-down.
- Add the quantity of the waste generated.
- Select the From and To Dateline of waste generation.
- Click on **Submit** button.

On successful submission, the waste generation detail is added successfully and a confirmation message of the same also appears on the display screen.

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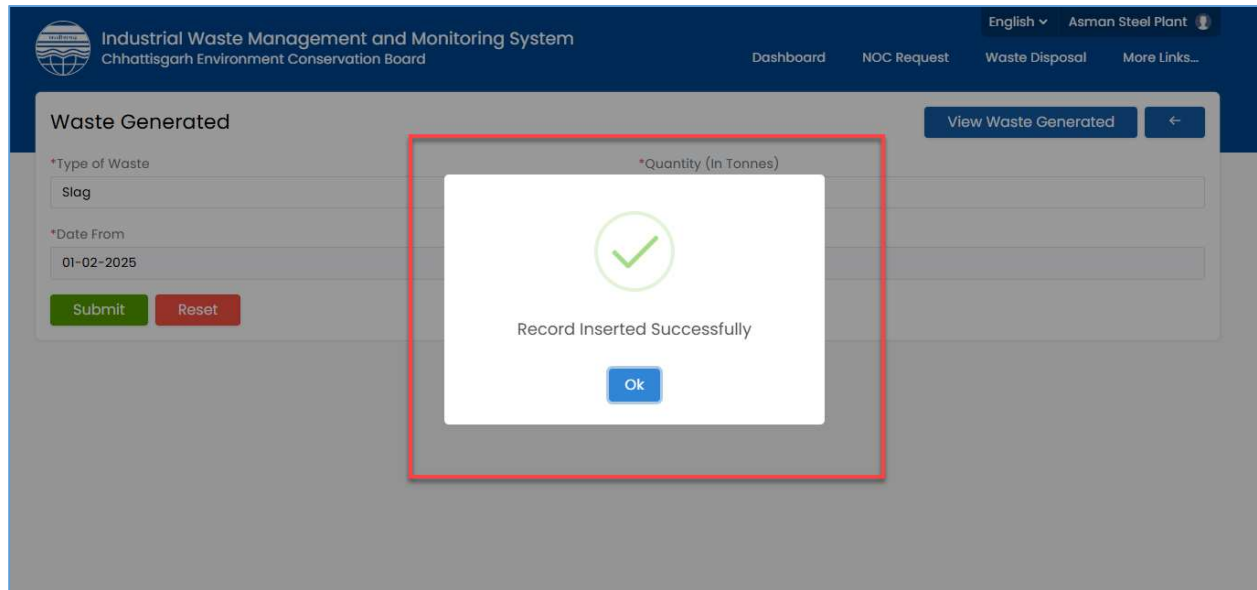


Figure 3-32 Confirmation Message Screen

- Click on **OK** button to close the pop-up message appeared.

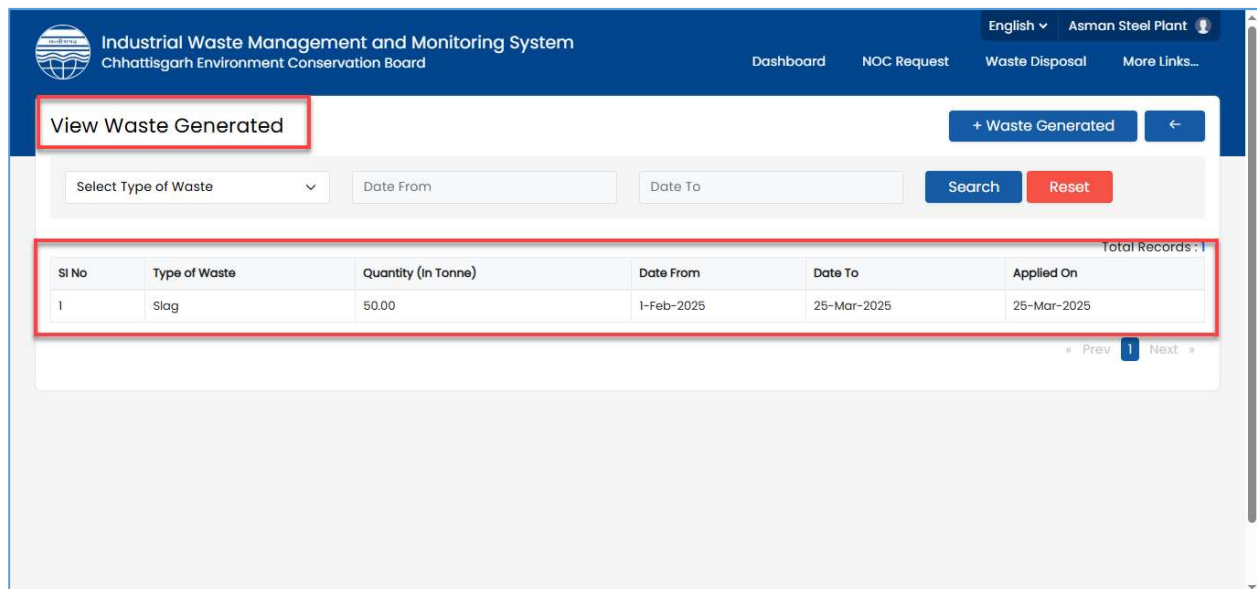




Figure 3-33 View Waste Generated Screen (2)

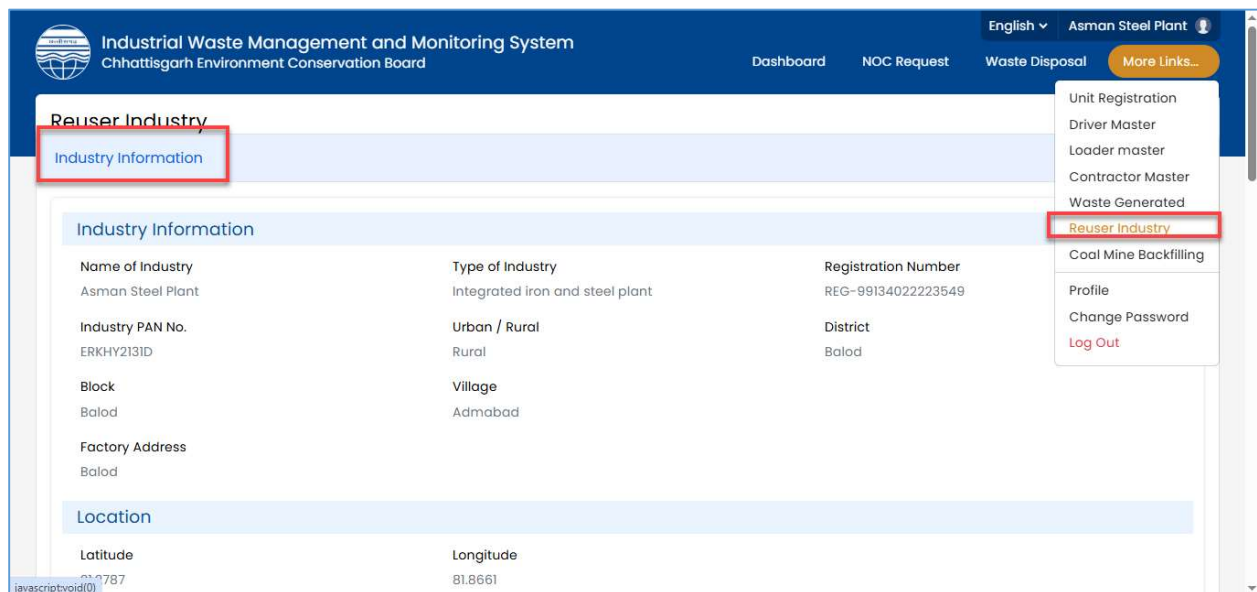
View the list of the waste generation details added in a tabular format.

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- In order to filter the data displayed, select the type of waste, select the to and from dateline, then click on **Show** () button.

3.1.6 REUSER INDUSTRY

Add and manage the details of the industry who will receive the industrial waste or power plant waste for re-use purpose in the **Reuser Industry** link.



The screenshot shows the 'Reuser Industry' screen in the IWMMS. The 'Industry Information' section contains the following data:


Name of Industry	Type of Industry	Registration Number
Asman Steel Plant	Integrated iron and steel plant	REG-9913402223549
Industry PAN No.	Urban / Rural	District
ERKHY2131D	Rural	Balod
Block	Village	
Balod	Admabad	
Factory Address		
Balod		
Location		
Latitude	Longitude	
21.0787	81.8661	

Figure 3-34 Reuser Industry Screen (1)

Take reference from the **Fig 3-34**.

- To view the details of the industry from where the waste generated is to be supplied including the location, incharge and sub incharge information, click and expand the **Industry Information**.

Add Reuser Information

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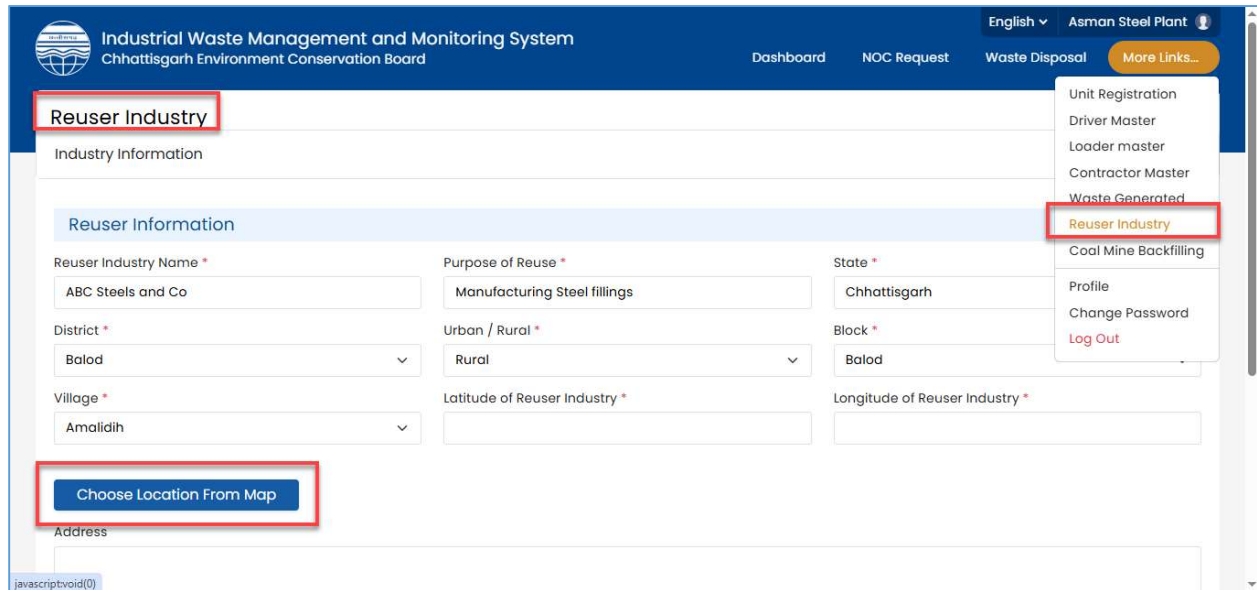



Figure 3-35 Reuser Industry Screen (2)

- Add the Name of the Reuser Industry.
- Add the purpose for which the reuse is being carried out.
- Select the Name of the State where the reuser industry is located.
- Based on the State selected, select the Name of the District.
- Select whether the reuser industry is located in an urban or rural area.
- If the reuser industry is located in Rural Area, then -
 - Select the Block Name.
 - Select the Village Name.
- If the reuser industry is located in the Urban Area, then -
 - Select the ULB Name.
 - Select the Ward Number.

Add the Location details

- The system allows the user to enter the Latitude and Longitude of the reuser industry location.
- Or, click on **Choose Location from Map** (refer **Fig 3-35**) to fetch the longitude and latitude details of the location directly from the map.

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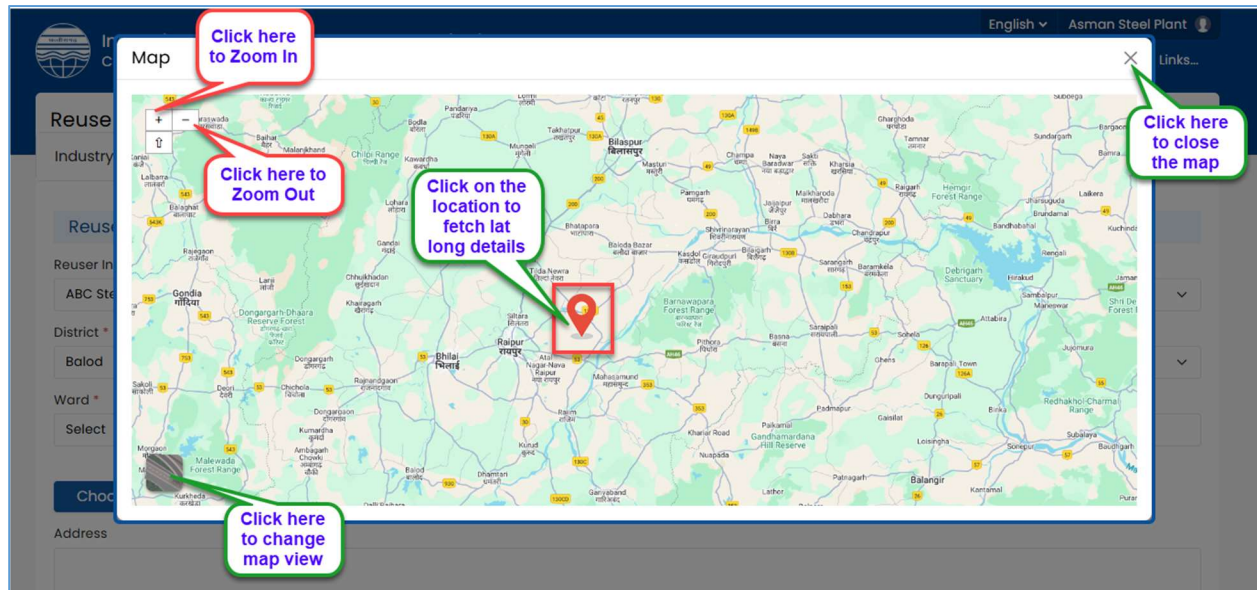



Figure 3-36 Map Screen

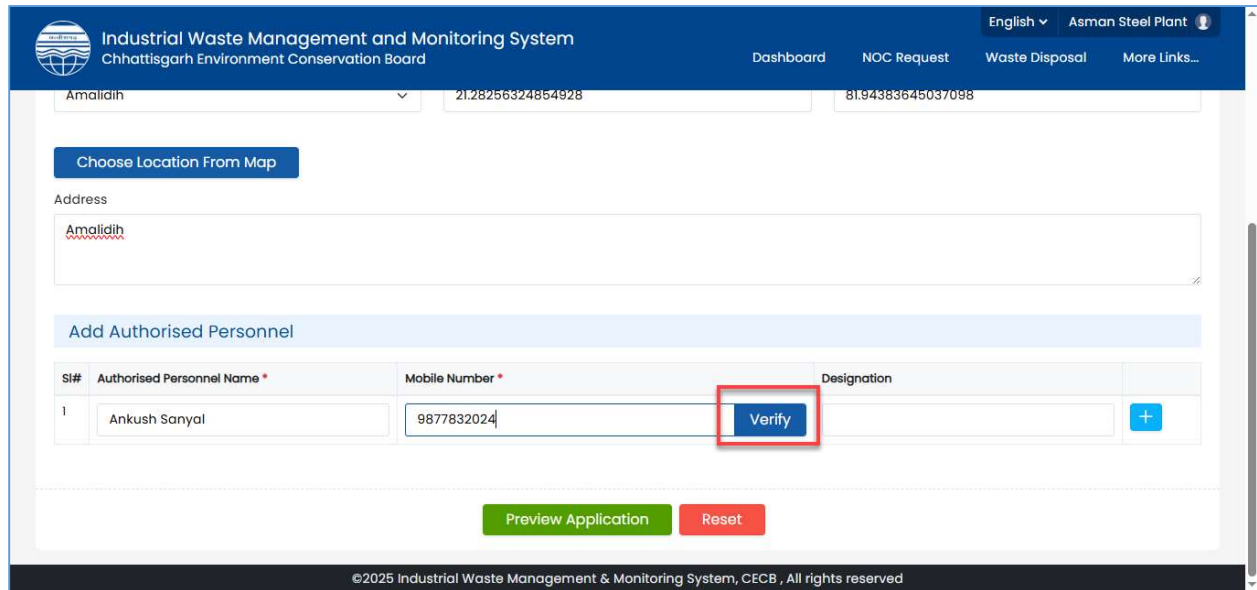
- To fetch the Lat-Long details, click on the location in the map as displayed in **Fig 3-36**.

Tools

- In order to zoom in the map, click on the **Plus** Icon.
- To zoom out the map view, click on the **Minus** Icon.
- To take a satellite view of the location, click on the **Satellite View** option.
- To close the Map, click on the **cross** icon.

After selection of the location on the map, the latitude and longitude are measured and displayed in respective textboxes in the Add Reuser Industry details.

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Industrial Waste Management and Monitoring System
Chhattisgarh Environment Conservation Board

English Asman Steel Plant

Dashboard NOC Request Waste Disposal More Links...

Amalidih 21.28256324854928 81.94383645037098

Choose Location From Map

Address
Amalidih

Add Authorised Personnel

Sl#	Authorised Personnel Name *	Mobile Number *	Designation
1	Ankush Sanyal	9877832024	

Verify

Preview Application Reset


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Figure 3-37 Reuser Industry Screen (3)

- Add the address details of the reuser industry location.

Add the authorised personnel details

- Add the Name of the authorised personnel.
- Add the Mobile Number of the authorised personnel.
- Click on **Verify** button to receive a One Time Password to the mobile number and validate the number.

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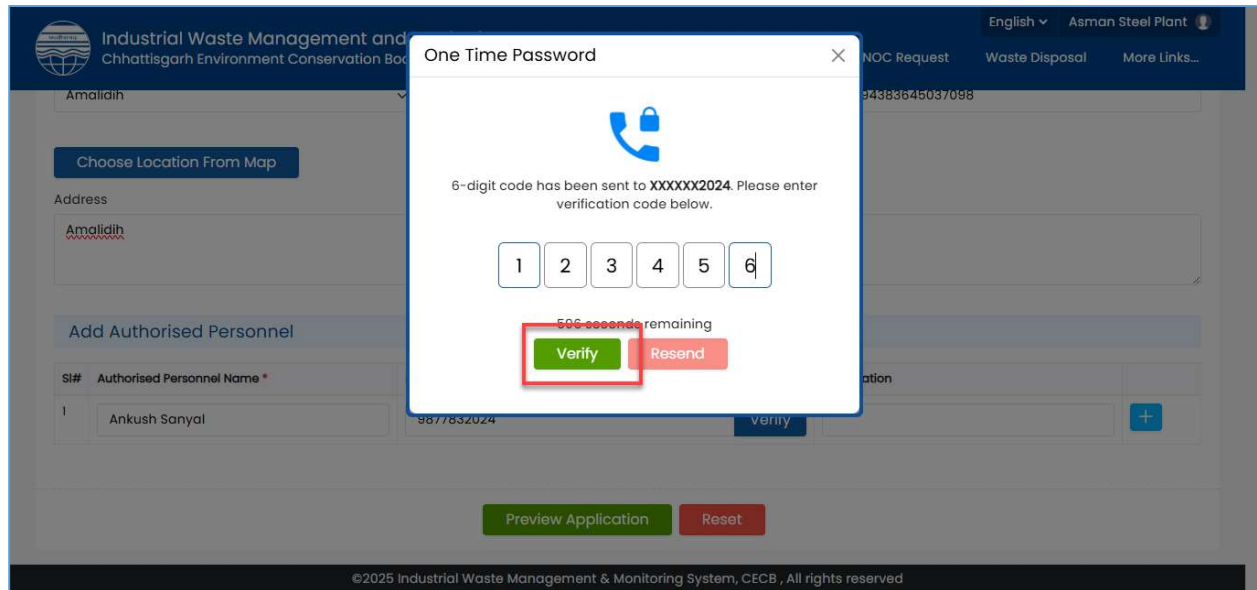




Figure 3-38 OTP Screen

- Enter the 6-digit code sent to the mobile number.
- Click on **Verify** button.

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Industrial Waste Management and Monitoring System
Chhattisgarh Environment Conservation Board

English ▾ Asman Steel Plant ⓘ

Dashboard
NOC Request
Waste Disposal
More Links...

Reuser Industry

Industry Information ▾

Reuser Information

Reuser Industry Name *

Purpose of Reuse *

State *

District *

Urban / Rural *

Block *

Village *

Latitude of Reuser Industry *

Longitude of Reuser Industry *

Choose Location From Map

Address

Add Authorised Personnel


Sl#	Authorised Personnel Name *	Mobile Number *	Designation	
1	<input type="text" value="Ankush Sanyal"/>	<input type="text" value="9877832024"/> Verified	<input type="text" value="Admin Officer"/>	-
2	<input type="text"/>	<input type="text"/> Verify	<input type="text"/>	+ -

Preview Application
Reset

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Figure 3-39 Reuser Industry Screen (4)

- After the mobile number is verified successfully, add the designation of the person.
- Click on **Plus (+)** Icon to add the data in the system.
- If the data entered is incorrect, click on the **Minus (-)** Icon to remove the data from the table.
- Now, click on the **Preview Application** (Preview Application) button to take a preview of the application.


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	<h3>Industrial Waste Management and Monitoring System (IWMMS)</h3>		

English ▾ Asman Steel Plant
Dashboard NOC Request Waste Disposal More Links...

Preview of Reuser Industry
←

Reuser Information

Reuser Industry Name ABC Steels and Co	Purpose of Reuse Manufacturing Steel fillings	State Chhattisgarh
District Balod	Urban / Rural Rural	Block Balod
Village Amalidih	Latitude of Reuser Industry 21.28256324854928	Longitude of Reuser Industry 81.94383645037098



Address
Amalidih

Add Authorised Personnel

Sl#	Authorised Personnel Name	Mobile Number	Designation
1	Ankush Sanyal	9877832024	Admin Officer


Prev
Submit

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Figure 3-40 Preview of Reuser Industry Screen

- Check the details of the Reuser, Location and authorized personnel.
- To update any changes in the field details, click on the Prev button to go back.
- Click on **Submit** and proceed to submission.

On clicking the submit button, a confirmation alert message appears on the display screen saying - Proceed to submit the record?

	<p align="center">Quality System Template CSM Technologies</p>	<p align="center">Document #: CSM/QT/01/01</p>	<p align="center">Rev.: 1.0 Page #: 57 of 93</p>
	<p align="center">Industrial Waste Management and Monitoring System (IWMMS)</p>		

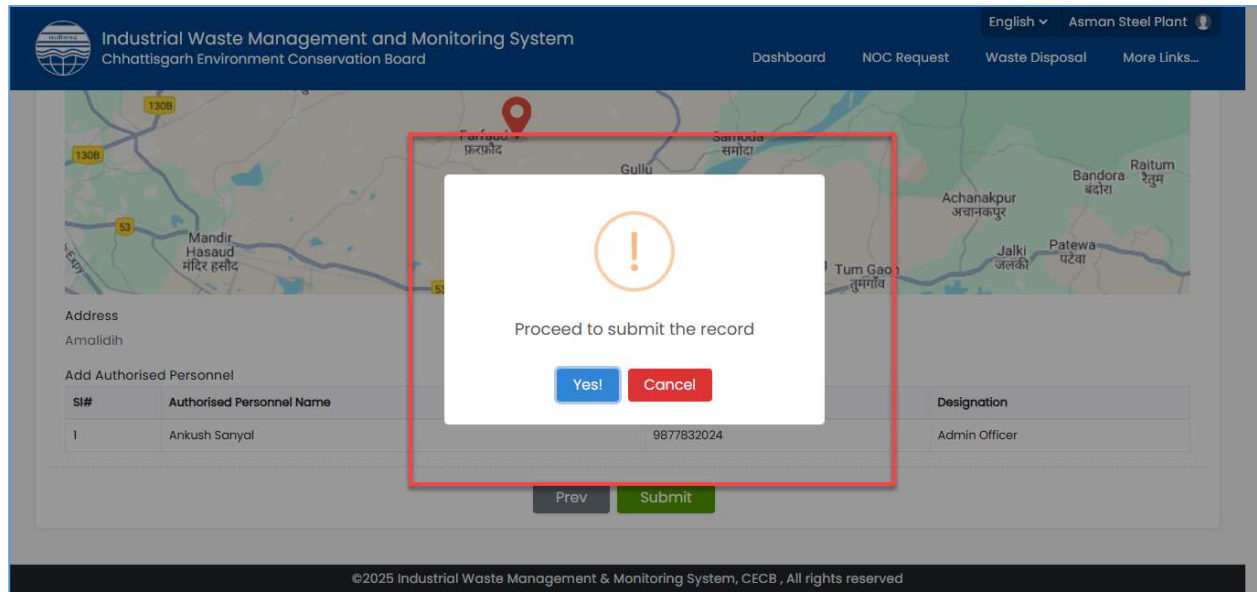



Figure 3-41 Confirmation Alert Message Screen

- Click on **Yes** option to confirm the action taken.
 - Or, click on **Cancel** button to cancel the submission and go back.

On confirmation only, the data is submitted successfully and a confirmation message of the same also appears on the display screen.

	<p align="center">Quality System Template CSM Technologies</p>	<p align="center">Document #: CSM/QT/01/01</p>	<p align="center">Rev.: 1.0 Page #: 58 of 93</p>
	<p align="center">Industrial Waste Management and Monitoring System (IWMMS)</p>		

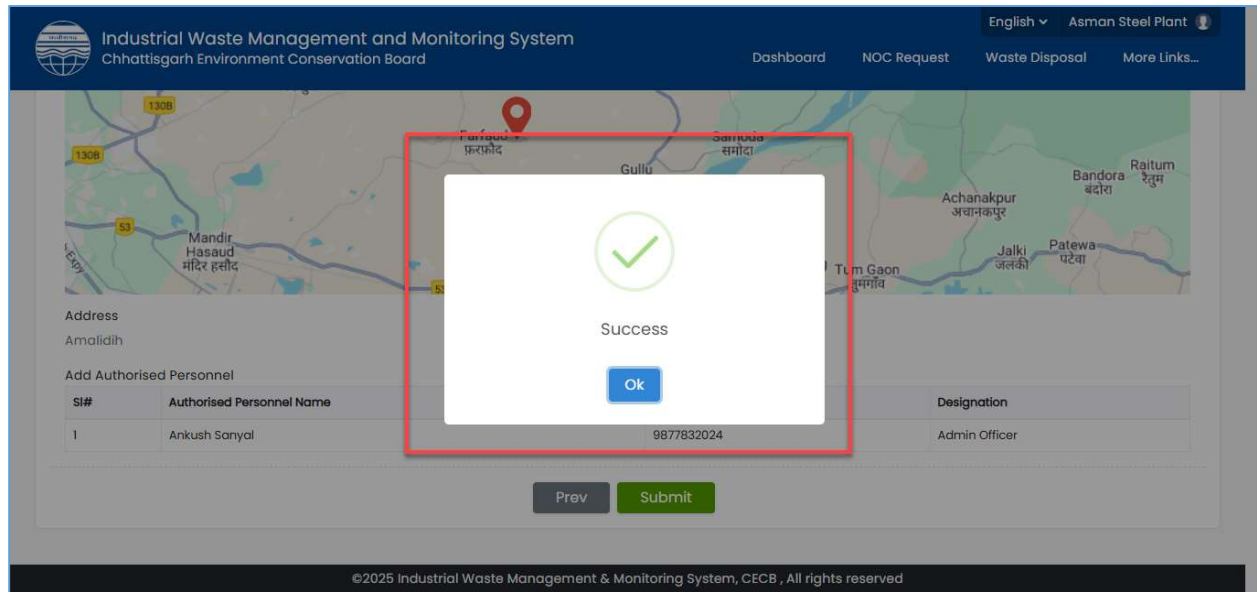



Figure 3-42 Confirmation Message Screen

- Click on the **OK** button to close the message.

On confirmation, an application number is generated for the request submitted.

Take reference from the **Fig 3-43**.

	<p align="center">Quality System Template CSM Technologies</p>	<p align="center">Document #: CSM/QT/01/01</p>	<p align="center">Rev.: 1.0 Page #: 59 of 93</p>
	<p align="center">Industrial Waste Management and Monitoring System (IWMMS)</p>		

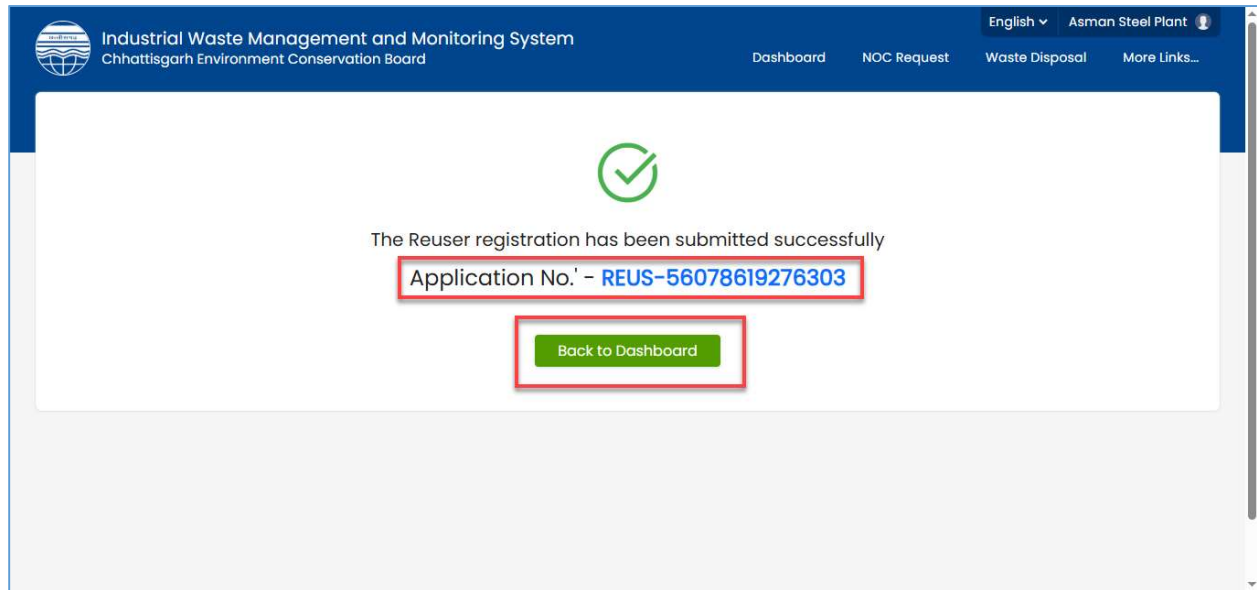



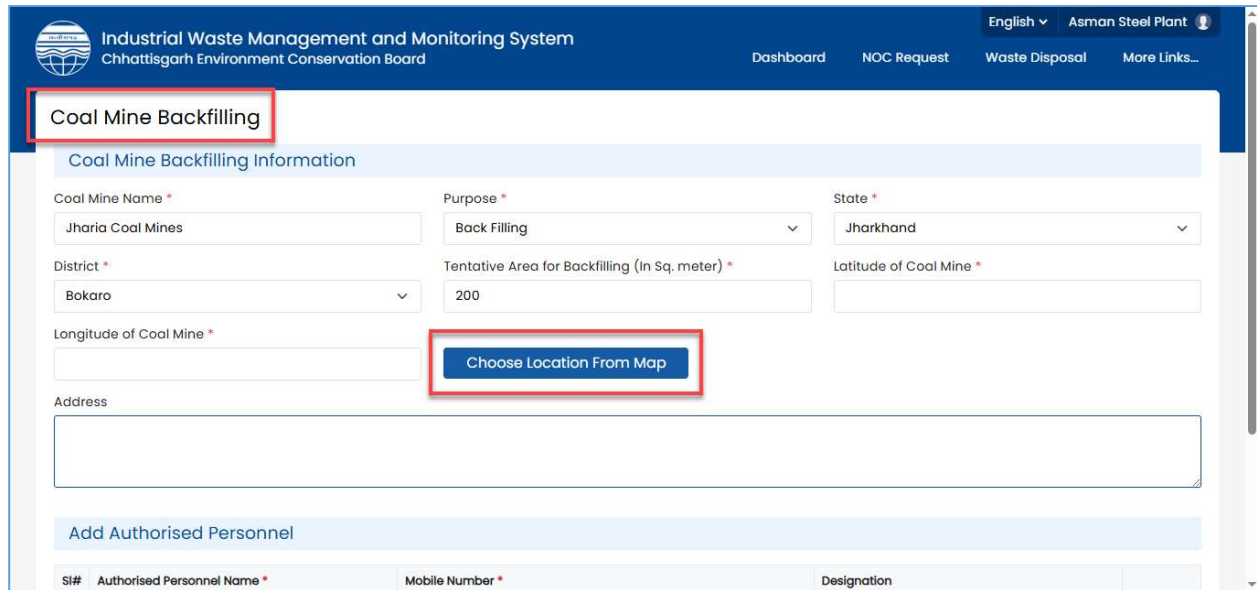
Figure 3-43 Registration Successful Message Screen

- Note down the application number generated for future references.
- Now, to go back to the dashboard again click on **Back to Dashboard** button.

3.1.7 COAL MINE BACKFILLING

Add and manage the details of the Coal Mine Backfilling, with authorized personnel details in this link.

	Quality System Template CSM Technologies	Document #: CSM/QT/01/01	Rev.: 1.0 Page #: 60 of 93
	Industrial Waste Management and Monitoring System (IWMMS)		



Coal Mine Backfilling

Coal Mine Backfilling Information

Coal Mine Name *
Jharia Coal Mines

Purpose *
Back Filling

State *
Jharkhand

District *
Bokaro

Tentative Area for Backfilling (In Sq. meter) *
200

Latitude of Coal Mine *

Longitude of Coal Mine *

Address

Choose Location From Map

Add Authorised Personnel


S#	Authorised Personnel Name *	Mobile Number *	Designation

Figure 3-44 Coal Mine Backfilling Screen (1)

- Add the Name of the Coal Mine.
- Select the Purpose of the Coal Mine Backfilling.
- Select the Name of the State.
- Select the Name of the District.
- Enter the Tentative Area for Backfilling.

Add the Location details

- The system allows the user to enter the Latitude and Longitude of the Coal Mine Backfilling location.
- Or, click on **Choose Location from Map** (refer **Fig 3-44**) to fetch the longitude and latitude details of the location directly from the map.

	Quality System Template CSM Technologies	Document #: CSM/QT/01/01	Rev.: 1.0 Page #:61 of 93
	Industrial Waste Management and Monitoring System (IWMMS)		

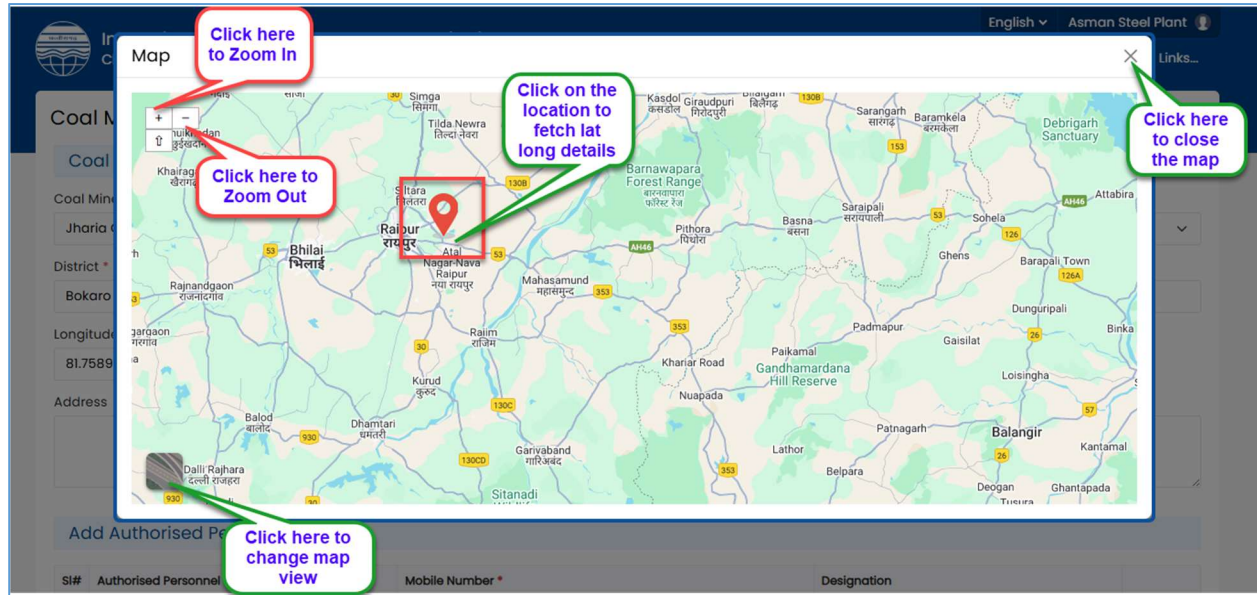



Figure 3-45 Map Screen

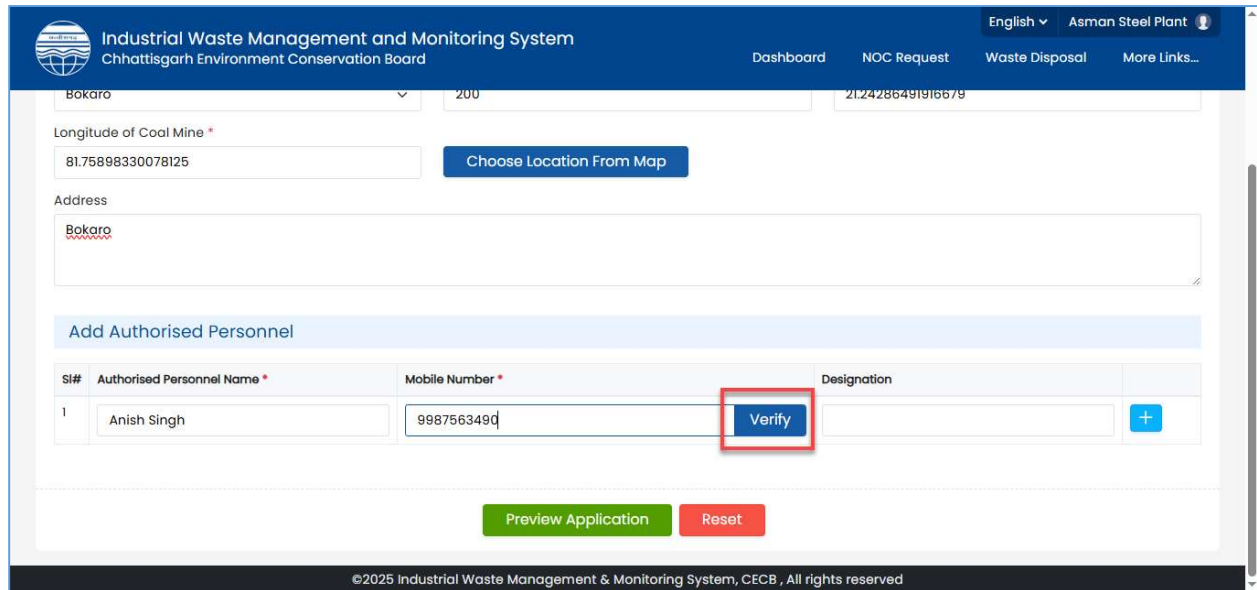
- To fetch the Lat-Long details, click on the location in the map as displayed in **Fig 3-45**.

Tools

- In order to zoom in the map, click on the **Plus** Icon.
- To zoom out the map view, click on the **Minus** Icon.
- To take a satellite view of the location, click on the **Satellite View** option.
- To close the Map, click on the **cross** icon.

After selection of the location on the map, the latitude and longitude are measured and displayed in respective textboxes in the Add Coal Mine Backfilling details.

	Quality System Template CSM Technologies	Document #: CSM/QT/01/01	Rev.: 1.0 Page #: 62 of 93
	Industrial Waste Management and Monitoring System (IWMMS)		



Industrial Waste Management and Monitoring System
Chhattisgarh Environment Conservation Board

English Asman Steel Plant

Dashboard NOC Request Waste Disposal More Links...

Bokaro 200 2124286491918679

Longitude of Coal Mine *
81.75898330078125 [Choose Location From Map](#)

Address
Bokaro

Add Authorised Personnel

Sl#	Authorised Personnel Name *	Mobile Number *	Designation
1	Anish Singh	9987563490	

[Verify](#) [+](#)

[Preview Application](#) [Reset](#)


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Figure 3-46 Coal Mine Backfilling Screen (2)

- Add the address details of the Coal Mine Backfilling location.

Add the authorised personnel details

- Add the Name of the authorised personnel.
- Add the Mobile Number of the authorised personnel.
- Click on **Verify** button to receive a One Time Password to the mobile number and validate the number.

	Quality System Template CSM Technologies	Document #: CSM/QT/01/01	Rev.: 1.0 Page #: 63 of 93
	Industrial Waste Management and Monitoring System (IWMMS)		

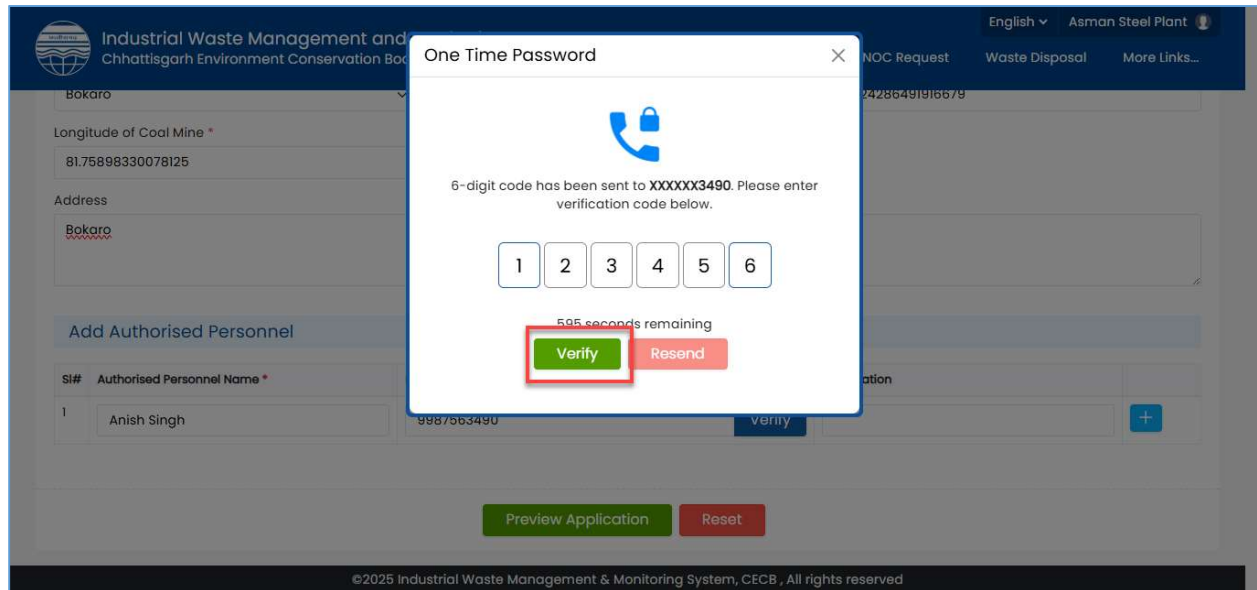

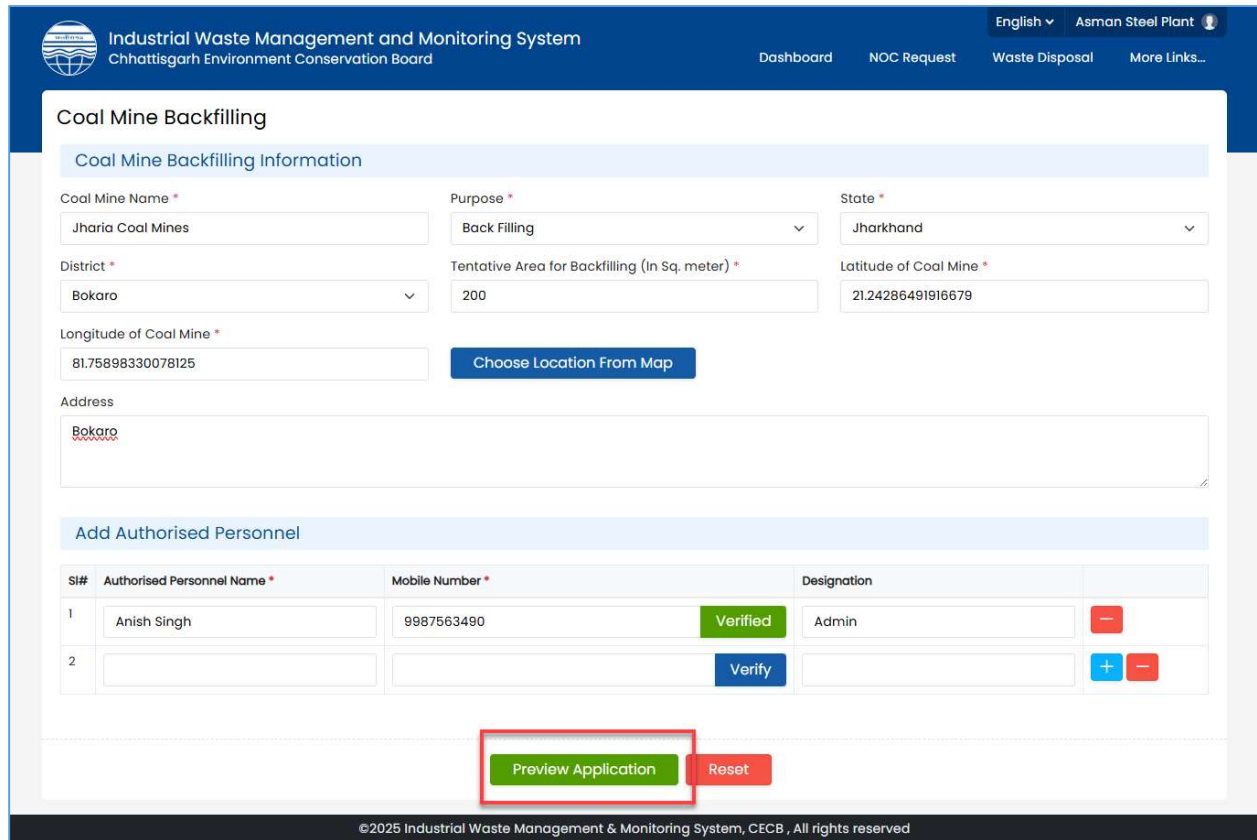


Figure 3-47 One Time Password Verification Screen

- Enter the 6-digit code sent to the mobile number.
- Click on **Verify** button.

	<h2>Quality System Template</h2> <p>CSM Technologies</p>	Document #: CSM/QT/01/01	Rev.: 1.0 Page #:64 of 93
	<h3>Industrial Waste Management and Monitoring System (IWMMS)</h3>		



Coal Mine Backfilling

Coal Mine Backfilling Information

Coal Mine Name * Jharia Coal Mines Purpose * Back Filling State * Jharkhand

District * Bokaro Tentative Area for Backfilling (In Sq. meter) * 200 Latitude of Coal Mine * 21.24286491916679

Longitude of Coal Mine * 81.75898330078125 [Choose Location From Map](#)

Address
Bokaro

Add Authorised Personnel


Sl#	Authorised Personnel Name *	Mobile Number *	Designation
1	Anish Singh	9987563490 Verified	Admin -
2		Verify	+ -


[Preview Application](#) [Reset](#)

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Figure 3-48 Coal Mine Backfilling Screen (3)

- After the mobile number is verified successfully, add the designation of the person.
- Click on **Plus (+)** Icon to add the data in the system.
- If the data entered is incorrect, click on the **Minus (-)** Icon to remove the data from the table.
- Now, click on the **Preview Application** ([Preview Application](#)) button to take a preview of the application.

	<h2>Quality System Template</h2> <p>CSM Technologies</p>	<p>Document #: CSM/QT/01/01</p>	<p>Rev.: 1.0 Page #:65 of 93</p>
	<h3>Industrial Waste Management and Monitoring System (IWMMS)</h3>		



Industrial Waste Management and Monitoring System
Chhattisgarh Environment Conservation Board
English ▾ Asman Steel Plant

Dashboard
NOC Request
Waste Disposal
More Links...

Preview of Coal Mine Backfilling

Coal Mine Backfilling Information

Coal Mine Name	Purpose	State
Jharia Coal Mines	Back Filling	Jharkhand
District	Tentative Area for Backfilling (In Sq. meter)	Latitude of Coal Mine
Bokaro	200.00	21.24286491916679
Longitude of Coal Mine		
81.75898330078125		



Address
Bokaro

Add Authorised Personnel

Sl#	Authorised Personnel Name	Mobile Number	Designation
1	Anish Singh	9987563490	Admin


Prev
Submit

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Figure 3-49 Preview of Coal Mine Backfilling Screen

- Check the details of the Coal Mine Backfilling, Location and authorized personnel.
- To update any changes in the field details, click on the **Prev** button to go back.
- Click on **Submit** and proceed to submission.

On clicking the submit button, a confirmation alert message appears on the display screen saying - Proceed to submit the record?

	<p align="center">Quality System Template</p> <p align="center">CSM Technologies</p>	<p align="center">Document #: CSM/QT/01/01</p>	<p align="center">Rev.: 1.0</p> <p align="center">Page #: 66 of 93</p>
	<p align="center">Industrial Waste Management and Monitoring System (IWMMS)</p>		

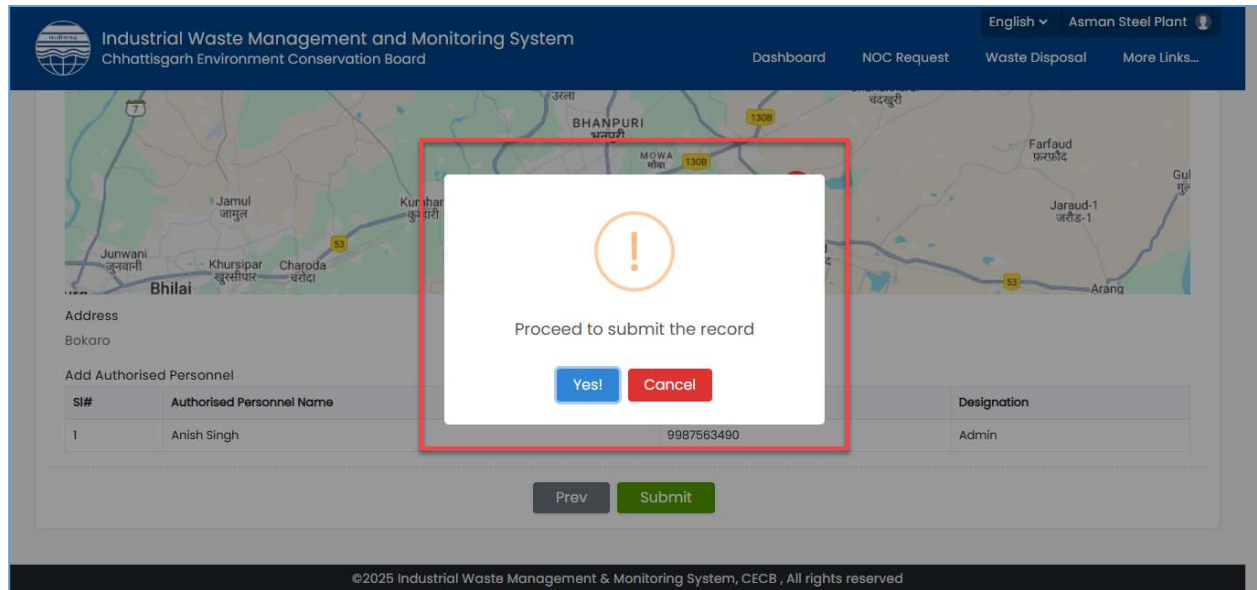



Figure 3-50 Confirmation Alert Message Screen

- Click on **Yes** option to confirm the action taken.
 - Or, click on **Cancel** button to cancel the submission and go back.

On confirmation only, the data is submitted successfully and a confirmation message of the same also appears on the display screen.

	<p align="center">Quality System Template CSM Technologies</p>	<p align="center">Document #: CSM/QT/01/01</p>	<p align="center">Rev.: 1.0 Page #: 67 of 93</p>
	<p align="center">Industrial Waste Management and Monitoring System (IWMMS)</p>		

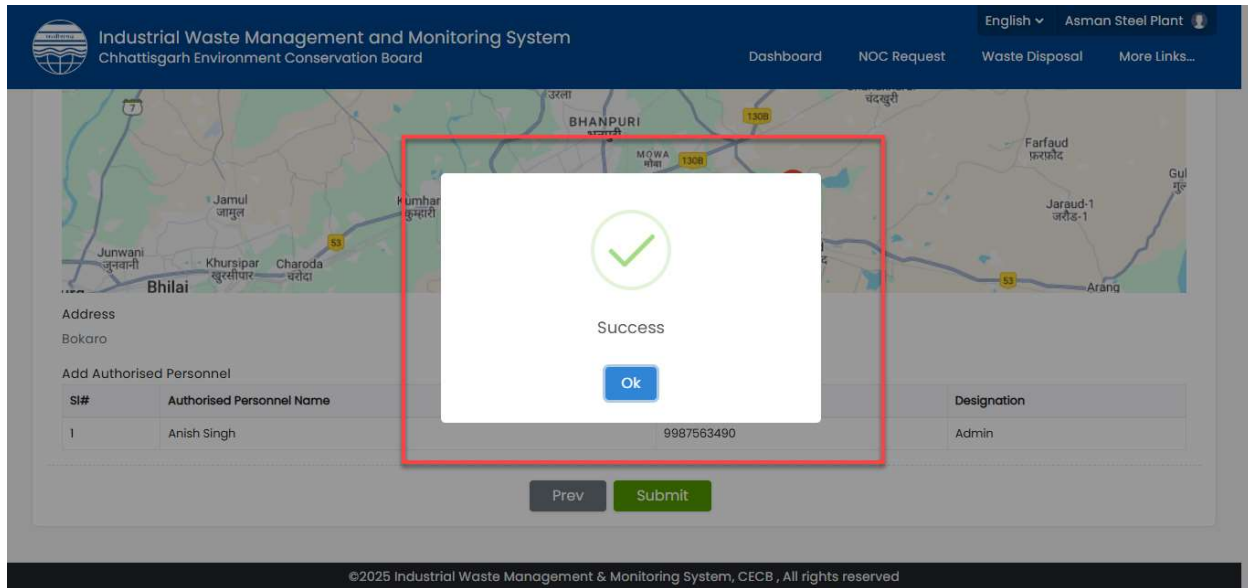



Figure 3-51 Confirmation Message Screen

- Click on the **OK** button to close the message.

On confirmation, an application number is generated for the request submitted.

Take reference from the **Fig 3-52**.

	Quality System Template CSM Technologies	Document #: CSM/QT/01/01	Rev.: 1.0 Page #: 68 of 93
	Industrial Waste Management and Monitoring System (IWMMS)		

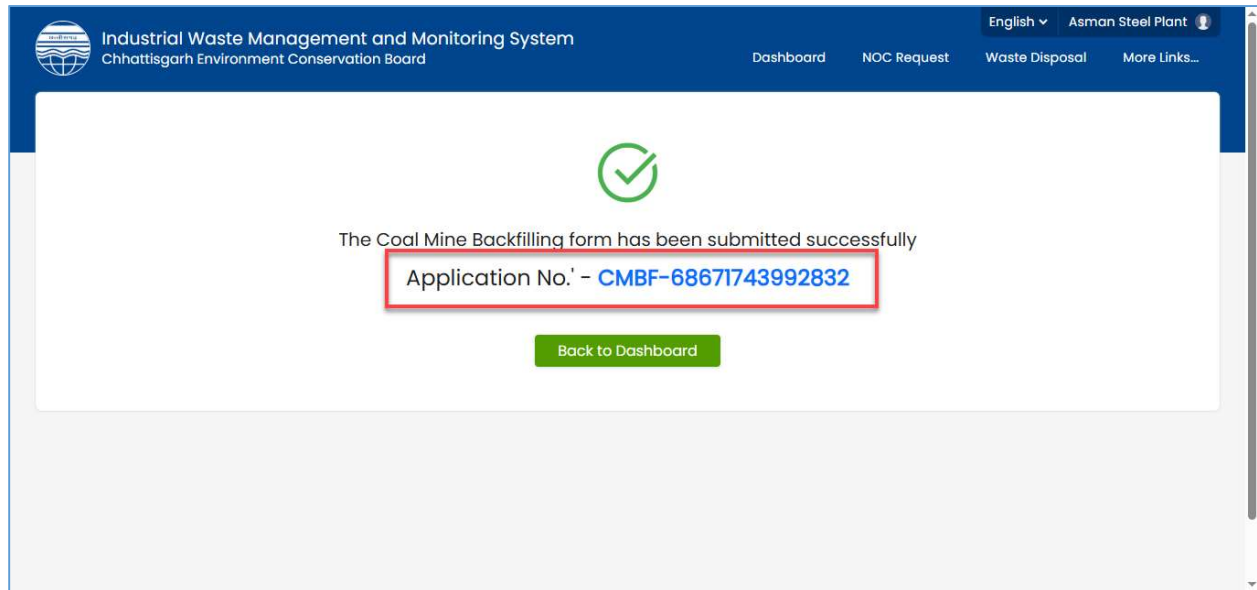



Figure 3-52 Application Submitted Details

- Note down the application number generated for future references.
- Now, to go back to the dashboard again click on **Back to Dashboard** button.

4 NOC REQUEST

For landfilling, the industry or unit user needs to have a NOC from the authorised departmental officer. The User needs to submit a request mentioning the details of the waste type, disposal location, upload verified documents and submit the request for approval. With the approval only, the NOC request is considered for lifting and landfilling purpose.

The **NOC Request** link allows the user to raise a new request and forward the same for approval to designated authority.

	Quality System Template CSM Technologies	Document #: CSM/QT/01/01	Rev.: 1.0 Page #: 69 of 93
	Industrial Waste Management and Monitoring System (IWMMS)		

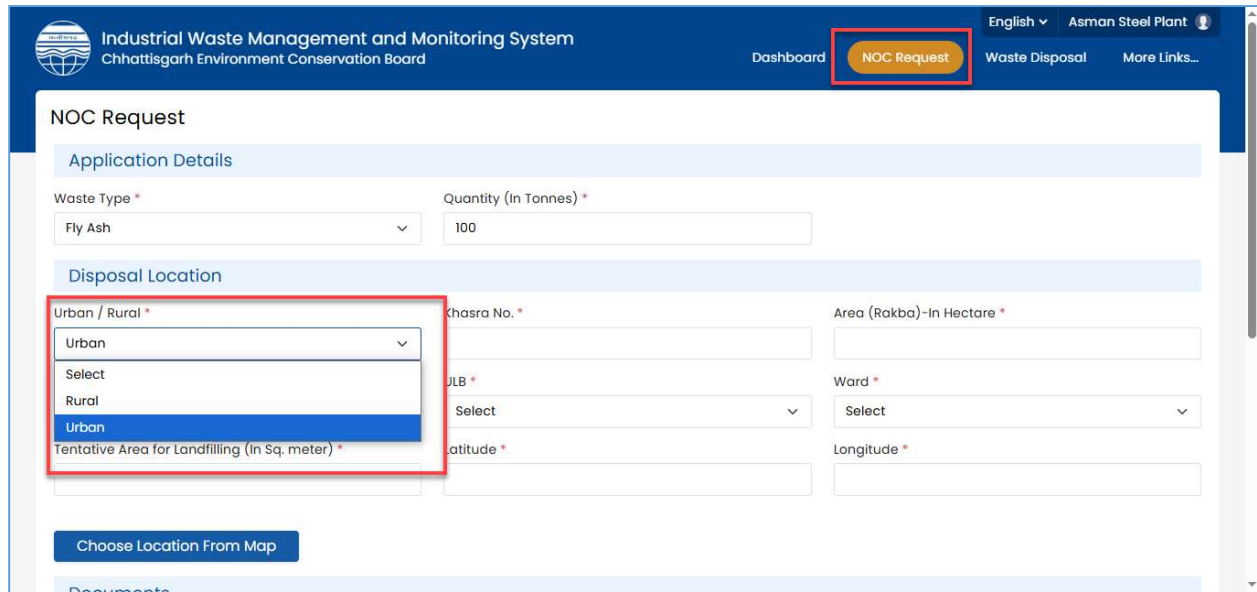



Figure 4-1 NOC Request Screen (1)

Add the application details

- Select the type of the waste.
- Enter the quantity of the waste in ton.

Add the Disposal Location details

- Select the disposal location type as Urban or Rural.
- If the location type is selected as Rural, then provide the other details.

	Quality System Template CSM Technologies	Document #: CSM/QT/01/01	Rev.: 1.0 Page #: 70 of 93
	Industrial Waste Management and Monitoring System (IWMMS)		

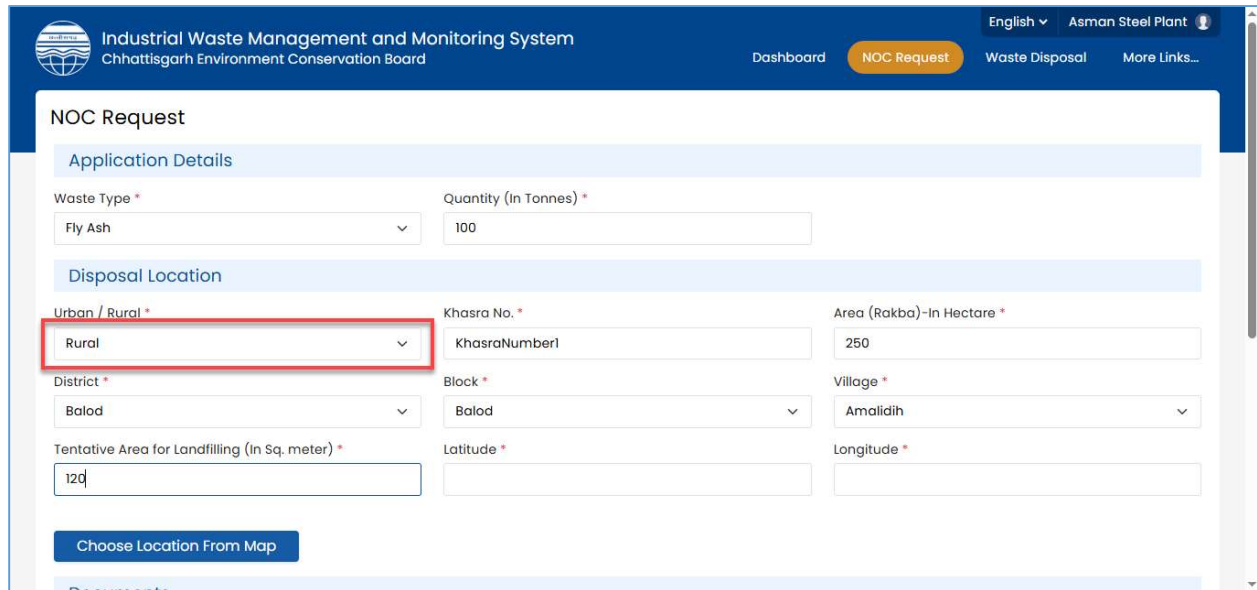



Figure 4-2 NOC Request Screen (2)

- Enter the Khasra Number.
- Enter the Area/Rakba, measured in hectare.
- Select the Name of the District.
- Select the Name of the Block.
- Select the Name of the Village.
- Enter the Tentative Area for Landfilling, measured in square meter.

Add the location details

- The system allows the user to enter the Latitude and Longitude of the waste disposal location.
- Or, click on **Choose Location from Map** (refer **Fig 3-35**) to fetch the longitude and latitude details of the location directly from the map.

	Quality System Template CSM Technologies	Document #: CSM/QT/01/01	Rev.: 1.0 Page #:71 of 93
	Industrial Waste Management and Monitoring System (IWMMS)		

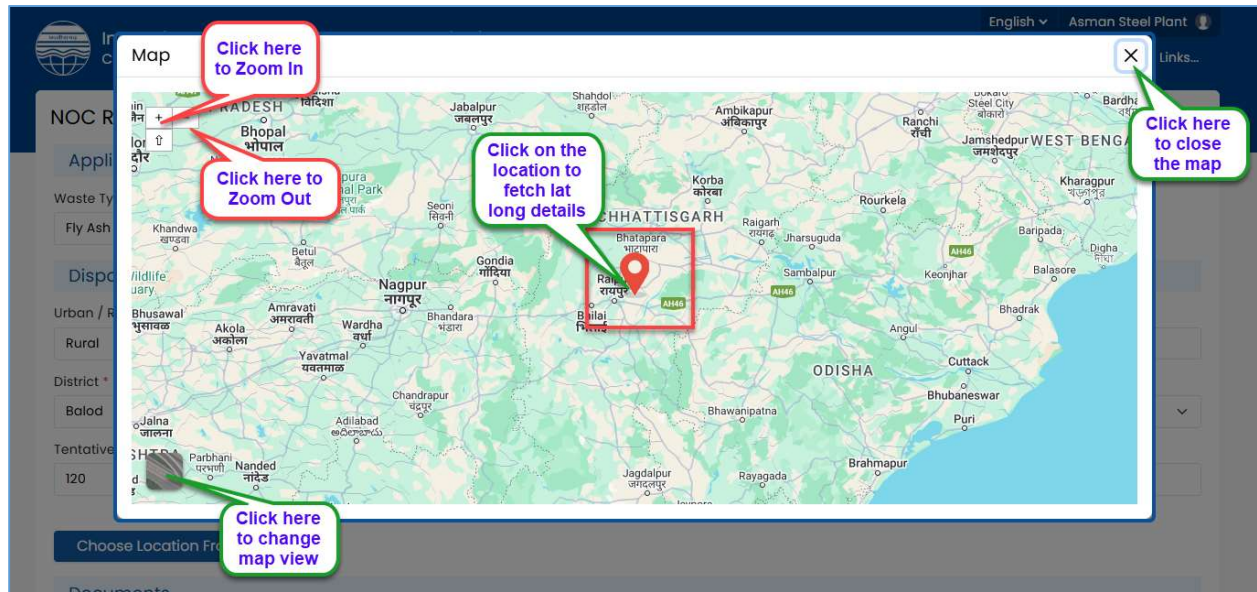



Figure 4-3 Map Screen


- To fetch the Lat-Long details, click on the location in the map as displayed in **Fig 4-3**.

Tools

- In order to zoom in the map, click on the **Plus** Icon.
- To zoom out the map view, click on the **Minus** Icon.
- To take a satellite view of the location, click on the **Satellite View** option.
- To close the Map, click on the **cross** icon.

After selection of the location on the map, the latitude and longitude are measured and displayed in respective textboxes in the NOC details.

	<h2>Quality System Template</h2> <p>CSM Technologies</p>	<p>Document #: CSM/QT/01/01</p>	<p>Rev.: 1.0 Page #:72 of 93</p>
	<h3>Industrial Waste Management and Monitoring System (IWMMS)</h3>		


Industrial Waste Management and Monitoring System
Chhattisgarh Environment Conservation Board
English ▾ Asman Steel Plant

Dashboard
NOC Request
Waste Disposal
More Links...

NOC Request

Application Details

Waste Type *
Fly Ash ▾

Quantity (In Tonnes) *
100

Disposal Location

Urban / Rural *
Rural ▾

Khasra No. *
KhasraNumber1

Area (Rakba)-In Hectare *
250

District *
Balod ▾

Block *
Balod ▾

Village *
Amalidih ▾

Tentative Area for Landfilling (In Sq. meter) *
120

Latitude *
21.574432283858727

Longitude *
81.9333753861132

[Choose Location From Map](#)

Documents

NOC issued by SDM *

Choose File letter50620241022172640.pdf
1 file upto 2 mb or less (pdf, jpeg, jpg)

↓ 🗑

Gram Panchayat NOC *

Choose File letter50620241022172640.pdf
1 file upto 2 mb or less (pdf, jpeg, jpg)

↓ 🗑

Khasra *

Choose File letter50620241022172640.pdf
1 file upto 2 mb or less (pdf, jpeg, jpg)

↓ 🗑

Naksha *

Choose File letter50620241022172640.pdf
1 file upto 2 mb or less (pdf, jpeg, jpg)

↓ 🗑

Additional Document

Document

Choose File letter50620241022172640.pdf
1 file upto 5 mb or less (pdf, jpeg, jpg)

↓ 🗑

[Preview Application](#)


[Reset](#)

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Figure 4-4 NOC Request Screen (3)


Add Documents


- Upload the softcopy of the NOC Issued by the SDM.
- Upload the softcopy of the NOC Issued by the Gram Panchayat.
- Upload the softcopy of the Khasra.
- Upload the softcopy of the Naksha.

	Quality System Template CSM Technologies	Document #: CSM/QT/01/01	Rev.: 1.0 Page #:73 of 93
	Industrial Waste Management and Monitoring System (IWMMS)		

Note:

- Click on **Choose File** option and select the file from the system to be uploaded.
- Once uploaded, user has option to delete and download the document,
- Click on **Delete** () Icon to delete the file. Or, click on the **Download** () Icon to download the file uploaded.
- Now, click on the **Preview Application** () button to take a preview of the application.

	<h2>Quality System Template</h2> <p>CSM Technologies</p>	<p>Document #: CSM/QT/01/01</p>	<p>Rev.: 1.0 Page #:74 of 93</p>
	<h2>Industrial Waste Management and Monitoring System (IWMMS)</h2>		



Industrial Waste Management and Monitoring System
Chhattisgarh Environment Conservation Board

English ▾ Asman Steel Plant

Dashboard
NOC Request
Waste Disposal
More Links...


Preview of NOC Request

Application Details

Waste Type	Quantity (In Tonnes)
Fly Ash	100

Disposal Location

Urban / Rural	Khasra No.	Area (Rakba)-In Hectare
Rural	KhasraNumber1	250
District	Block	Village
Balod	Balod	Amalidih
Tentative Area for Landfilling (In Sq. meter)	Latitude	Longitude
120	21.574432283858727	81.93337538611132



Documents

NOC issued by SDM	Gram Panchayat NOC
↓	↓
Khasra	Naksha
↓	↓

Additional Document

Document


↓

Prev
Submit

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Figure 4-5 Preview of NOC Request Screen

- Check the details of the NOC Request, Disposal Location and Documents.
- To update any changes in the field details, click on the **Prev** button to go back.
- Click on **Submit** and proceed to submission.

	Quality System Template CSM Technologies	Document #: CSM/QT/01/01	Rev.: 1.0 Page #: 75 of 93
	Industrial Waste Management and Monitoring System (IWMMS)		

On clicking the submit button, a confirmation alert message appears on the display screen saying - Proceed to submit the record?

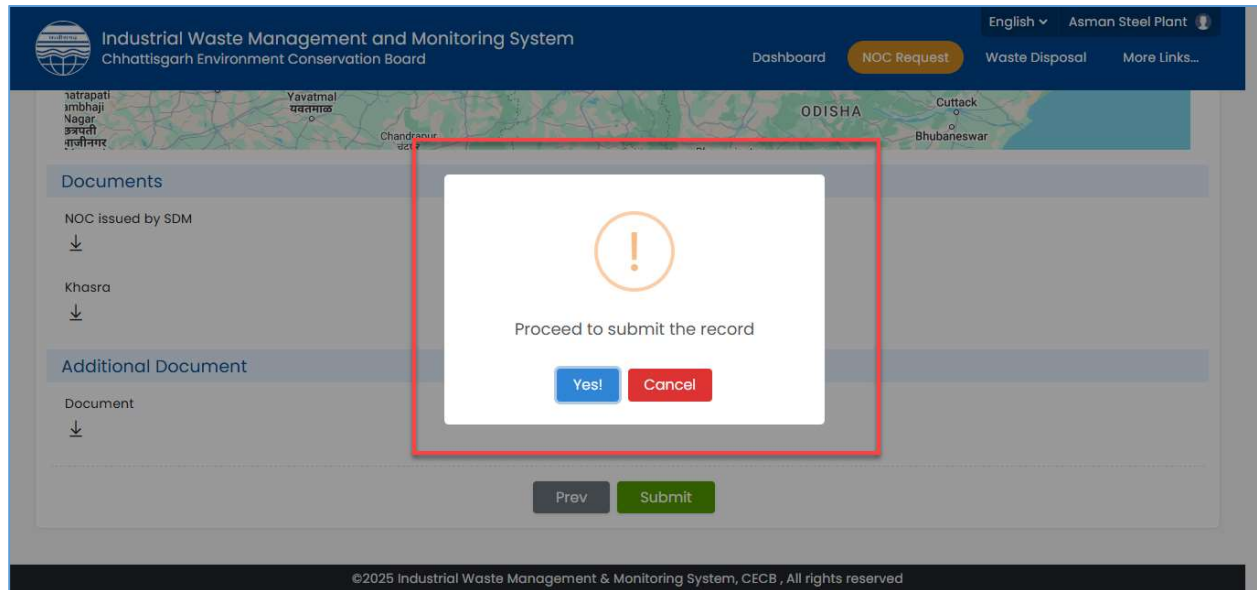



Figure 4-6 Confirmation Alert Message Screen

- Click on **Yes** option to confirm the action taken.
 - Or, click on **Cancel** button to cancel the submission and go back.

On confirmation only, the data is submitted successfully and a confirmation message of the same also appears on the display screen.

	<p align="center">Quality System Template</p> <p align="center">CSM Technologies</p>	<p align="center">Document #: CSM/QT/01/01</p>	<p align="center">Rev.: 1.0</p> <p align="center">Page #: 76 of 93</p>
	<p align="center">Industrial Waste Management and Monitoring System (IWMMS)</p>		

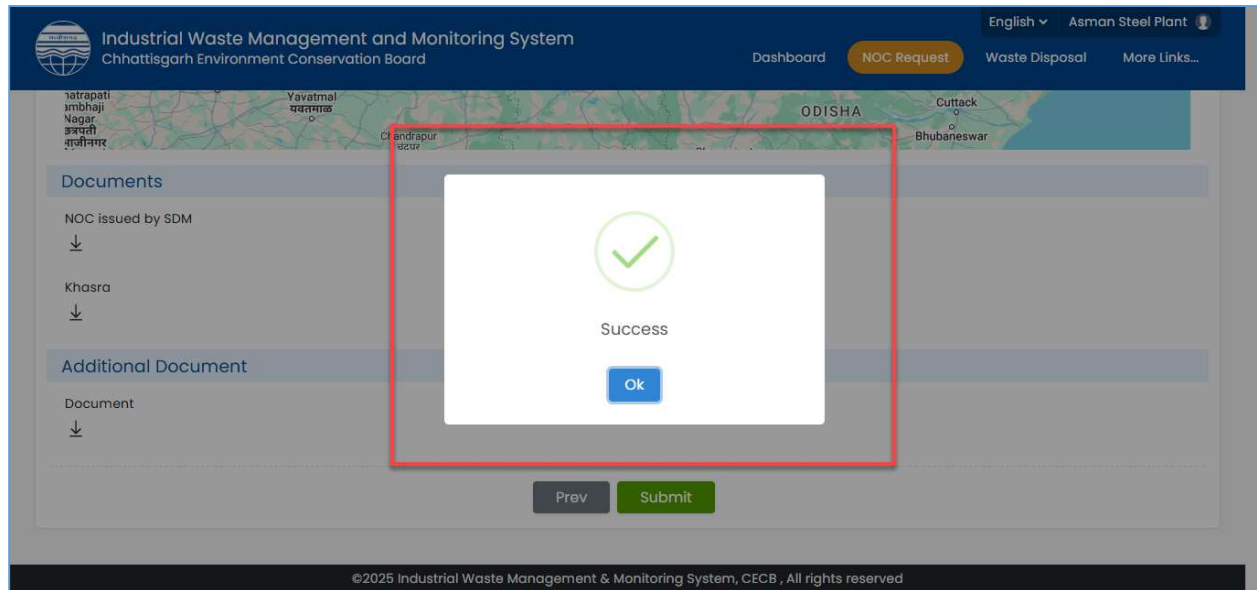



Figure 4-7 Confirmation Message Screen

- Click on the **OK** button to close the message.

On confirmation, an application number is generated for the request submitted.

Take reference from the **Fig 4-8**.

	Quality System Template CSM Technologies	Document #: CSM/QT/01/01	Rev.: 1.0 Page #: 77 of 93
	Industrial Waste Management and Monitoring System (IWMMS)		

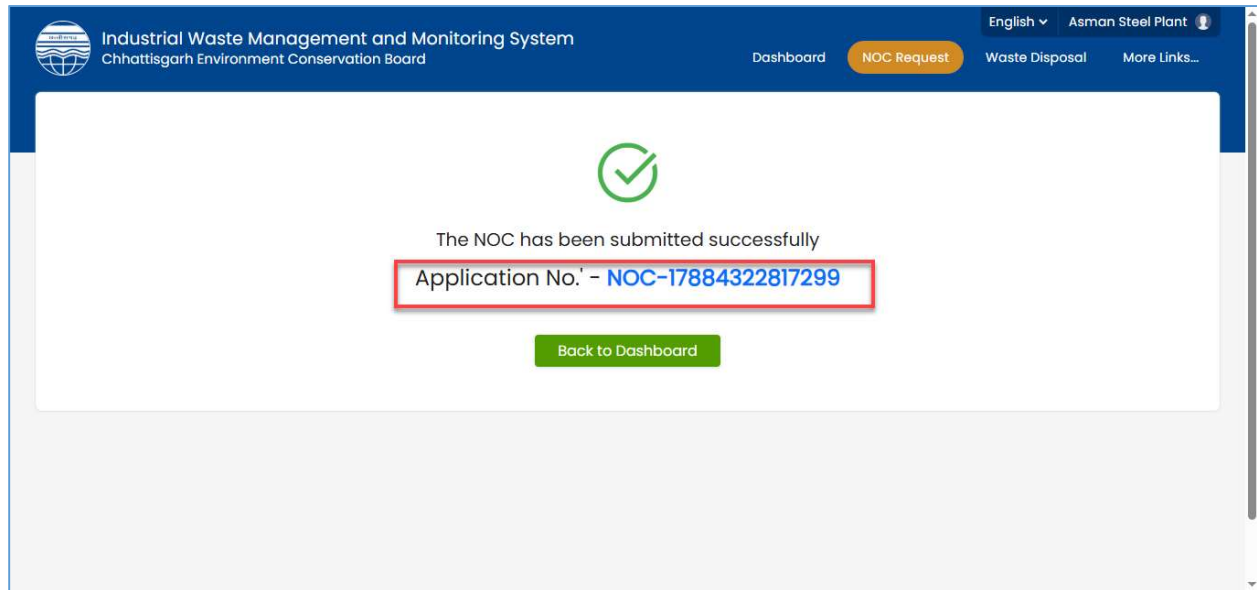


Figure 4-8 Application Submitted Details


- Note down the application number generated for future references.
- Now, to go back to the dashboard again click on **Back to Dashboard** button.

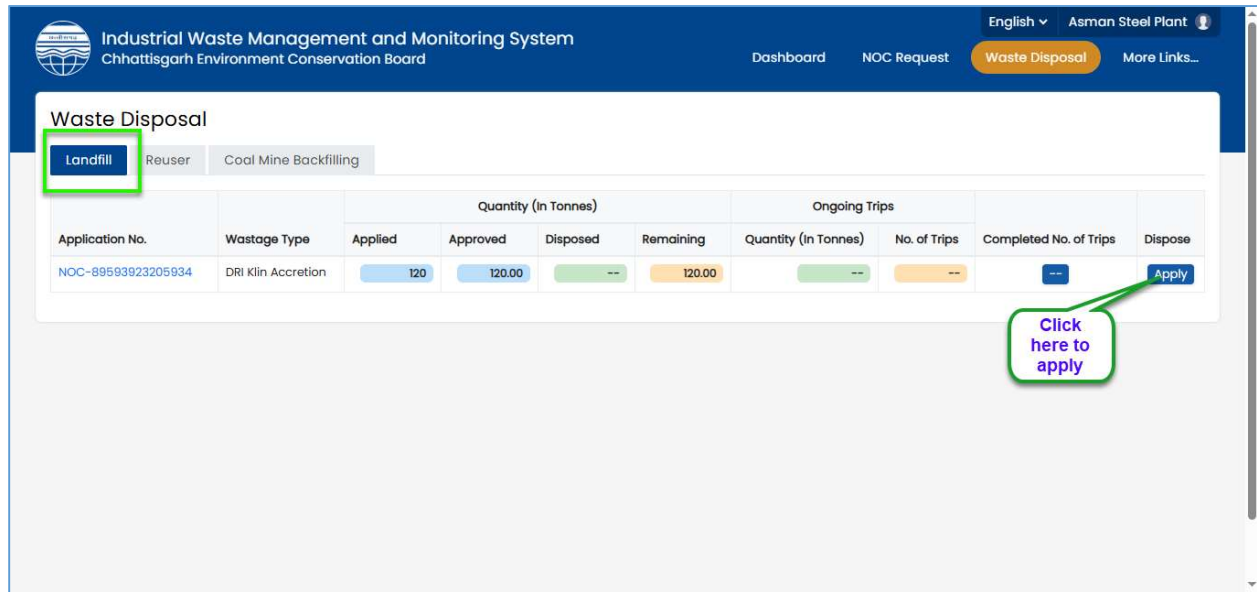
5 WASTE DISPOSAL

Once the NOC request for the landfill, reuser and coal mine backfilling registration request is approved by the concerned authority, the incharge user can apply for waste disposal.

5.1 LANDFILL

Apply for disposal of waste from industry for landfill in this section.

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	Industrial Waste Management and Monitoring System (IWMMS)		



Industrial Waste Management and Monitoring System
Chhattisgarh Environment Conservation Board

English Asman Steel Plant

Dashboard NOC Request Waste Disposal More Links...

Waste Disposal

Landfill Reuser Coal Mine Backfilling

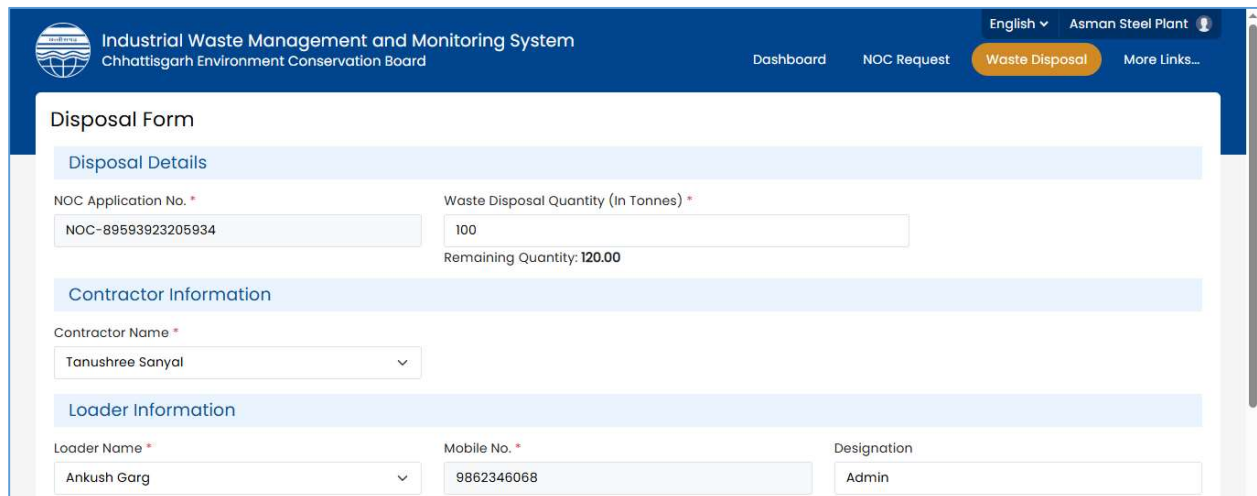
Application No.	Wastage Type	Quantity (In Tonnes)				Ongoing Trips		Completed No. of Trips	Dispose
		Applied	Approved	Disposed	Remaining	Quantity (In Tonnes)	No. of Trips		
NOC-89593923205934	DRI Klin Accretion	120	120.00	--	120.00	--	--	--	Apply

Click here to apply

Figure 5-1 Waste Disposal - Landfill Screen

Refer to the **Fig 5-1**,

- Click on the **Apply** button.



Industrial Waste Management and Monitoring System
Chhattisgarh Environment Conservation Board

English Asman Steel Plant

Dashboard NOC Request Waste Disposal More Links...

Disposal Form

Disposal Details

NOC Application No. *
NOC-89593923205934

Waste Disposal Quantity (In Tonnes) *
100

Remaining Quantity: 120.00

Contractor Information

Contractor Name *
Tanushree Sanyal


Loader Information

Loader Name *
Ankush Garg

Mobile No. *
9862346068

Designation
Admin

Figure 5-2 Disposal Form Screen (1)

	Quality System Template CSM Technologies	Document #: CSM/QT/01/01	Rev.: 1.0 Page #: 79 of 93
	Industrial Waste Management and Monitoring System (IWMMS)		

- The Application number is auto filled.
- Enter the waste disposal quantity.

Add Contractor Information

- Select the Name of the Contractor.

Add Loader Information

- Select the Name of the Loader. The Mobile Number is auto filled. Add the designation of the loader.

Add Vehicle Information

- Enter the Vehicle Number and click on **Verify** button.

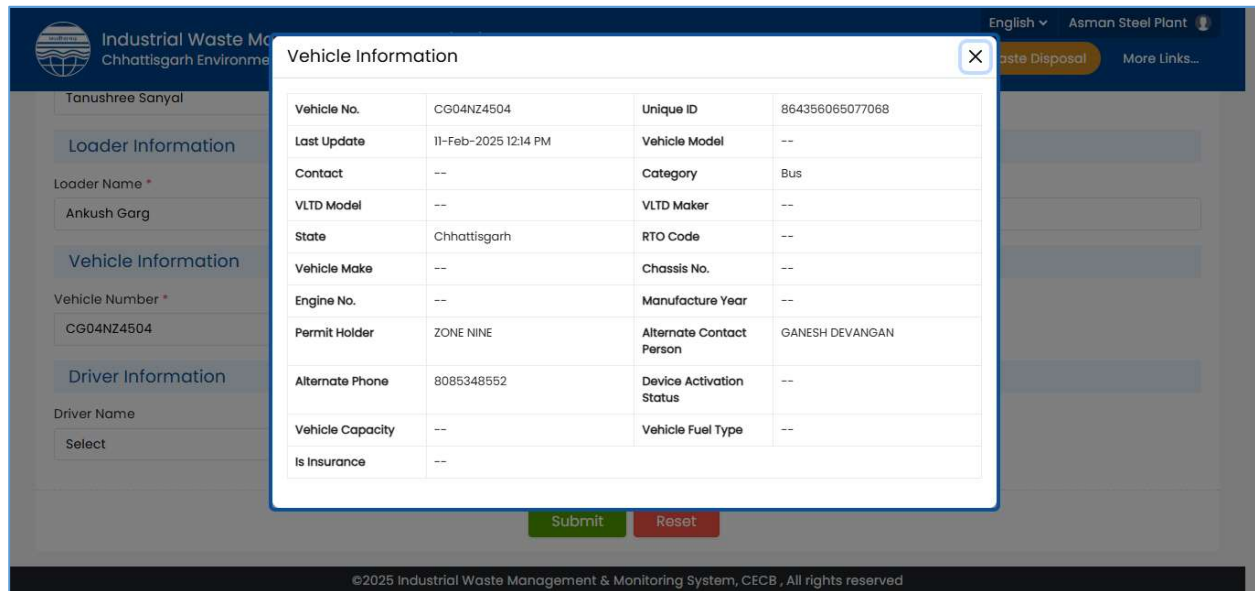

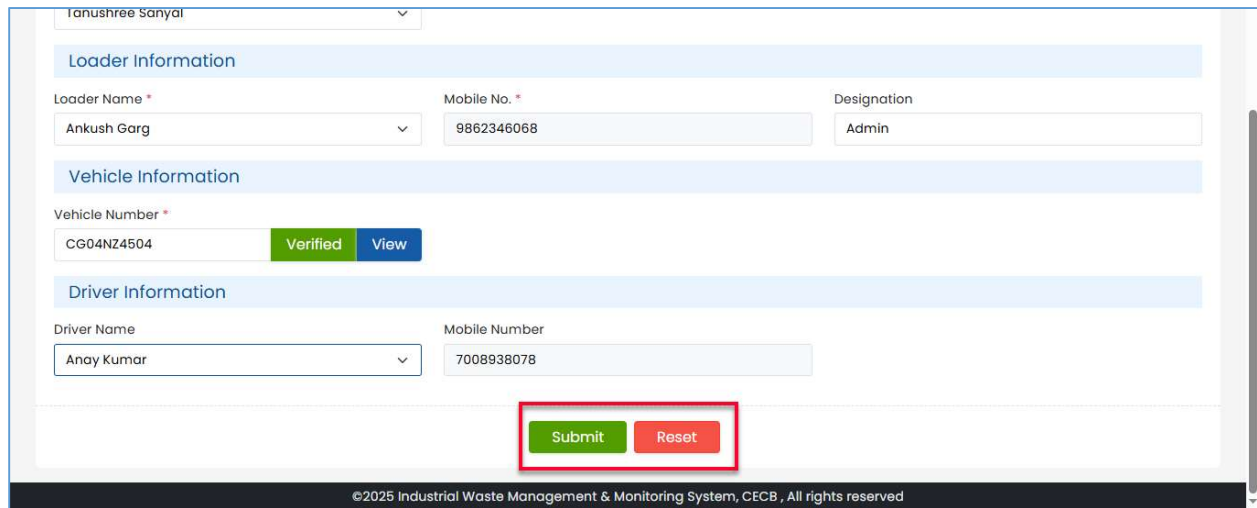


Figure 5-3 Vehicle Information Screen

The details of the vehicle are displayed.

- Select the Name of the Driver.

	<h2>Quality System Template</h2> <p>CSM Technologies</p>	Document #: CSM/QT/01/01	Rev.: 1.0 Page #:80 of 93
	<h3>Industrial Waste Management and Monitoring System (IWMMS)</h3>		



Tanusree Sanyal

Loader Information

Loader Name *
Ankush Garg

Mobile No. *
9862346068

Designation
Admin

Vehicle Information

Vehicle Number *
CG04NZ4504 Verified View

Driver Information

Driver Name
Anay Kumar

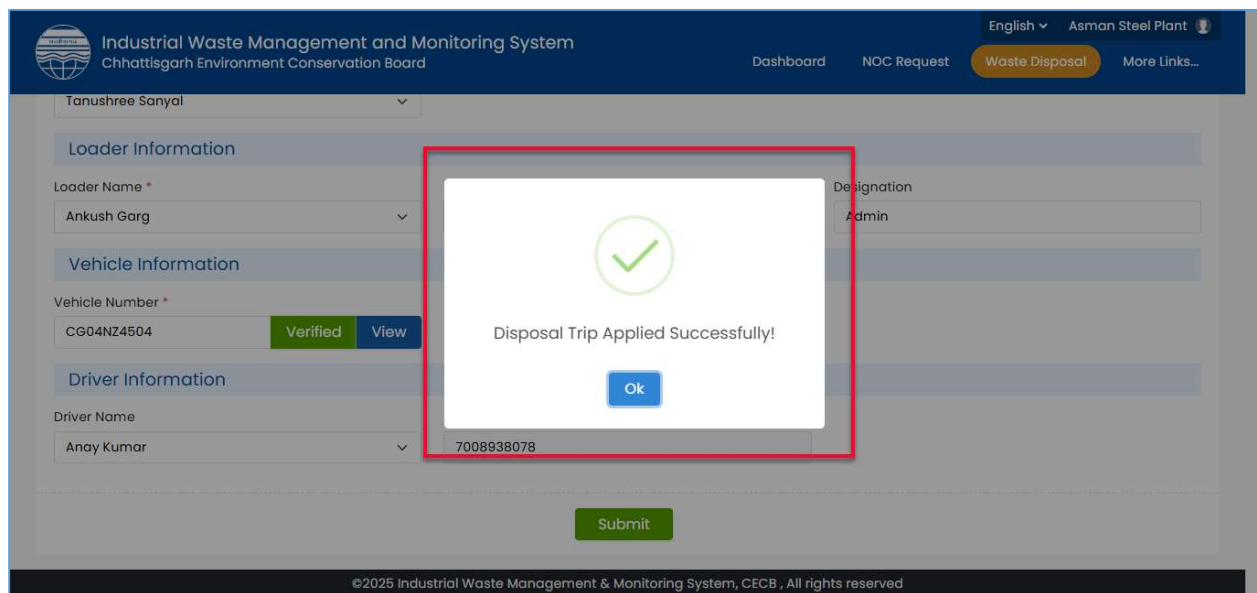
Mobile Number
7008938078

Submit Reset

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Figure 5-4 Disposal Form Screen (2)

- The mobile number is auto fetched.
- Click on the **Submit** button.
- On successful submission, the disposal trip is applied successfully.



English Asman Steel Plant

Industrial Waste Management and Monitoring System
Chhattisgarh Environment Conservation Board

Dashboard NOC Request **Waste Disposal** More Links...

Tanusree Sanyal

Loader Information

Loader Name *
Ankush Garg

Designation
Admin

Vehicle Information

Vehicle Number *
CG04NZ4504 Verified View

Driver Information

Driver Name
Anay Kumar

Mobile Number
7008938078


Submit

Disposal Trip Applied Successfully!

Ok

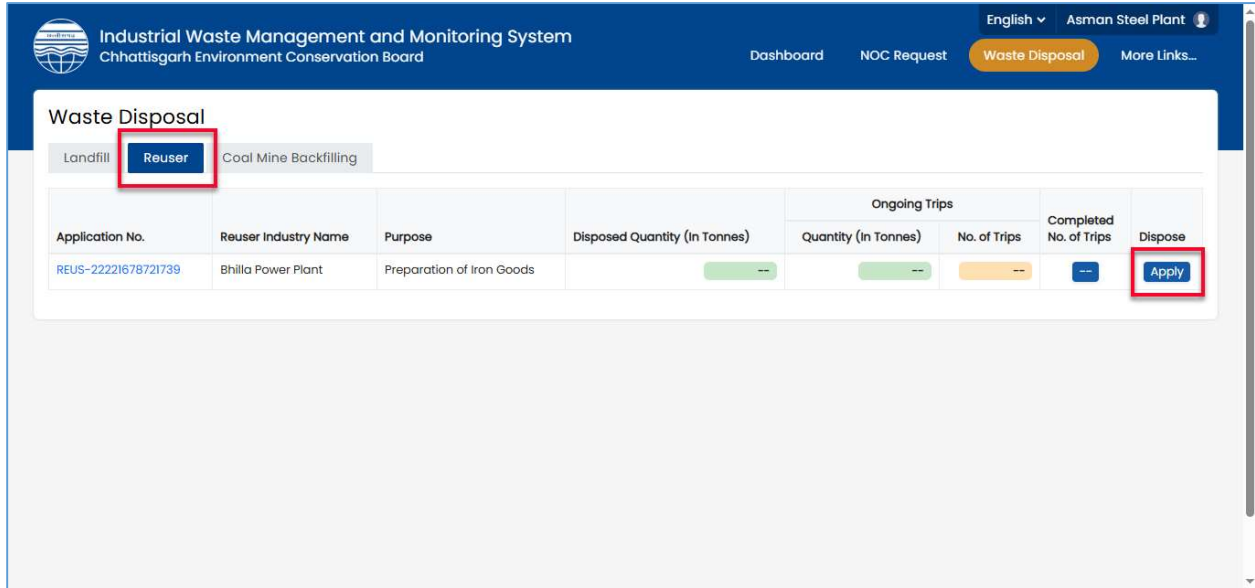
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Figure 5-5 Confirmation Message Screen

	Quality System Template CSM Technologies	Document #: CSM/QT/01/01	Rev.: 1.0 Page #: 81 of 93
	Industrial Waste Management and Monitoring System (IWMMS)		

5.2 REUSER

Apply for disposal of waste from industry for reuser industry in this section.




The screenshot shows the 'Waste Disposal' section of the IWMMS interface. The 'Reuser' tab is selected. A table displays a single record for waste disposal from the Bhilla Power Plant. The 'Apply' button in the 'Dispose' column is highlighted with a red box.

Application No.	Reuser Industry Name	Purpose	Disposed Quantity (In Tonnes)	Ongoing Trips		Completed No. of Trips	Dispose
				Quantity (In Tonnes)	No. of Trips		
REUS-22221678721739	Bhilla Power Plant	Preparation of Iron Goods	--	--	--	--	Apply

Figure 5-6 Waste Disposal - Reuser Screen

Refer to the **Fig 5-6**,

- Click on the **Apply** button.

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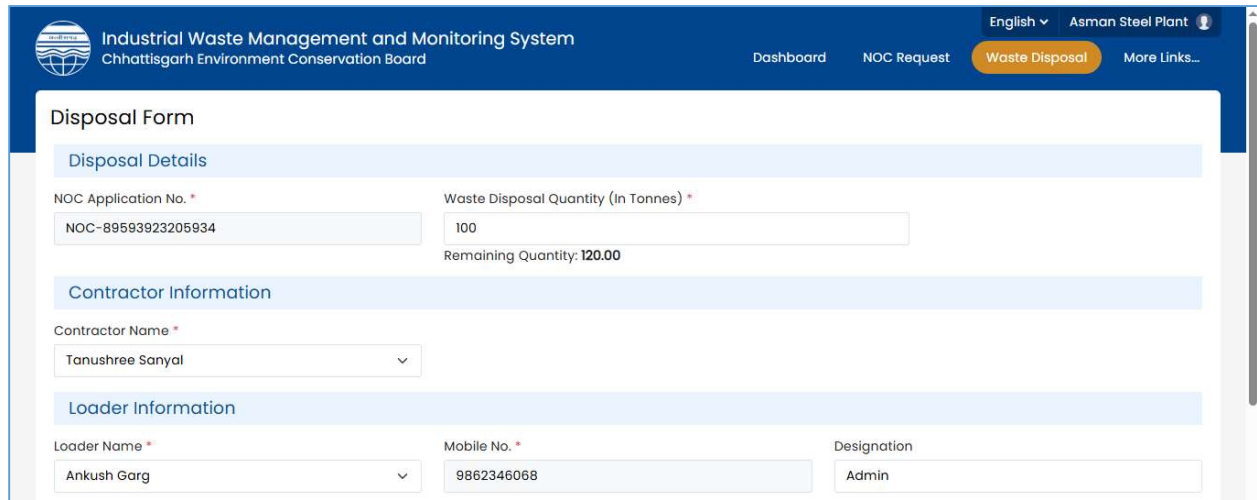


Figure 5-7 Disposal Form Screen (1)

- The Application number is auto filled.
- Enter the waste disposal quantity.

Add Contractor Information


- Select the Name of the Contractor.

Add Loader Information

- Select the Name of the Loader. The Mobile Number is auto filled. Add the designation of the loader.

Add Vehicle Information

- Enter the Vehicle Number and click on **Verify** button.

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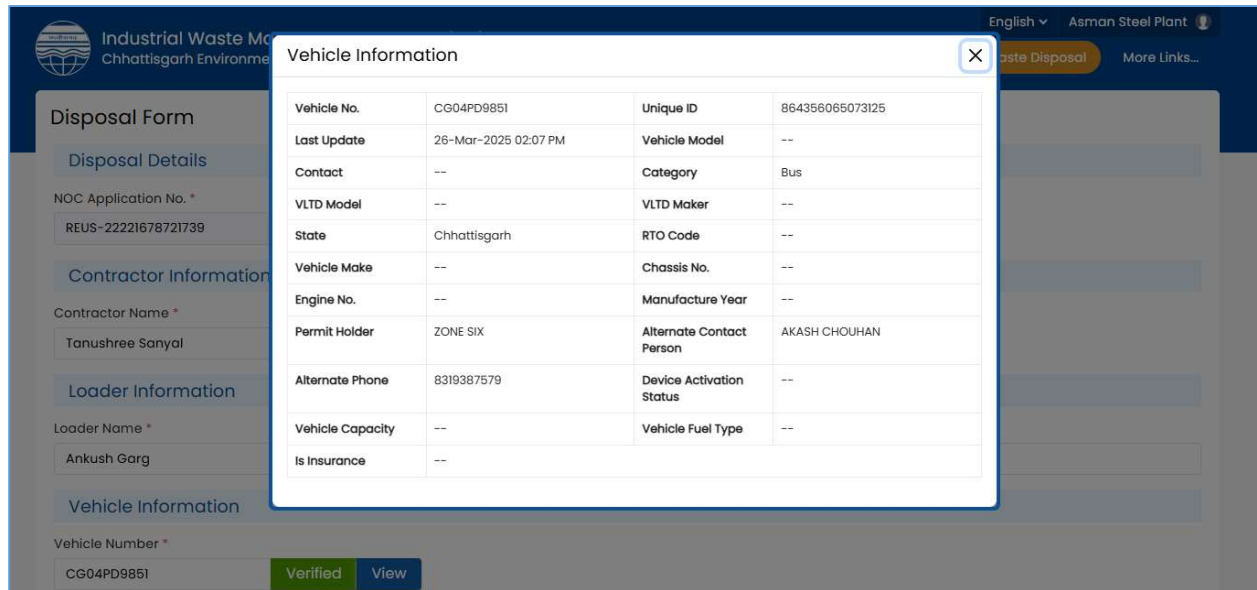


Figure 5-8 Vehicle Information Screen

The details of the vehicle are displayed.

- Select the Name of the Driver.

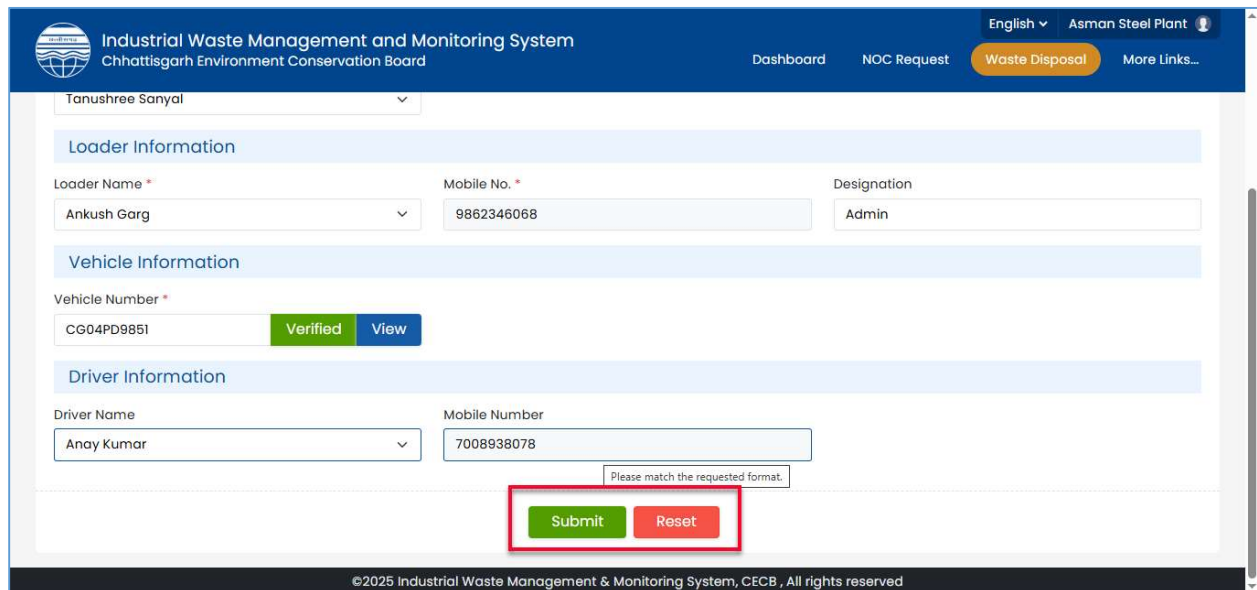



Figure 5-9 Disposal Form Screen (2)

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- The mobile number is auto fetched.
- Click on the **Submit** button.
- On successful submission, the disposal trip is applied successfully.

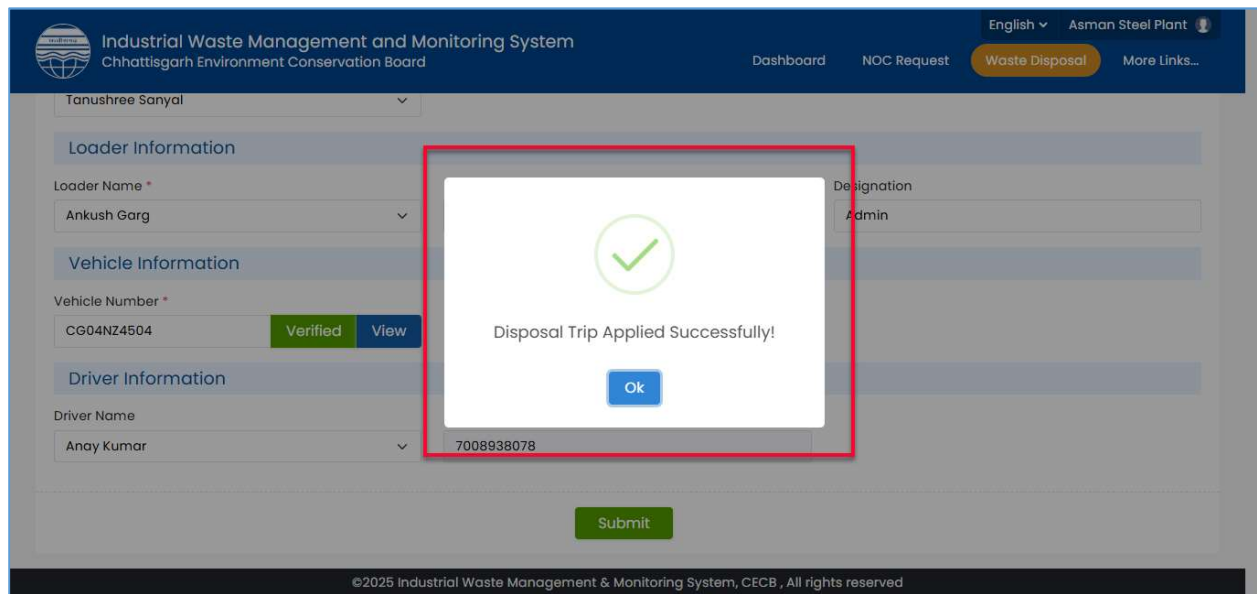

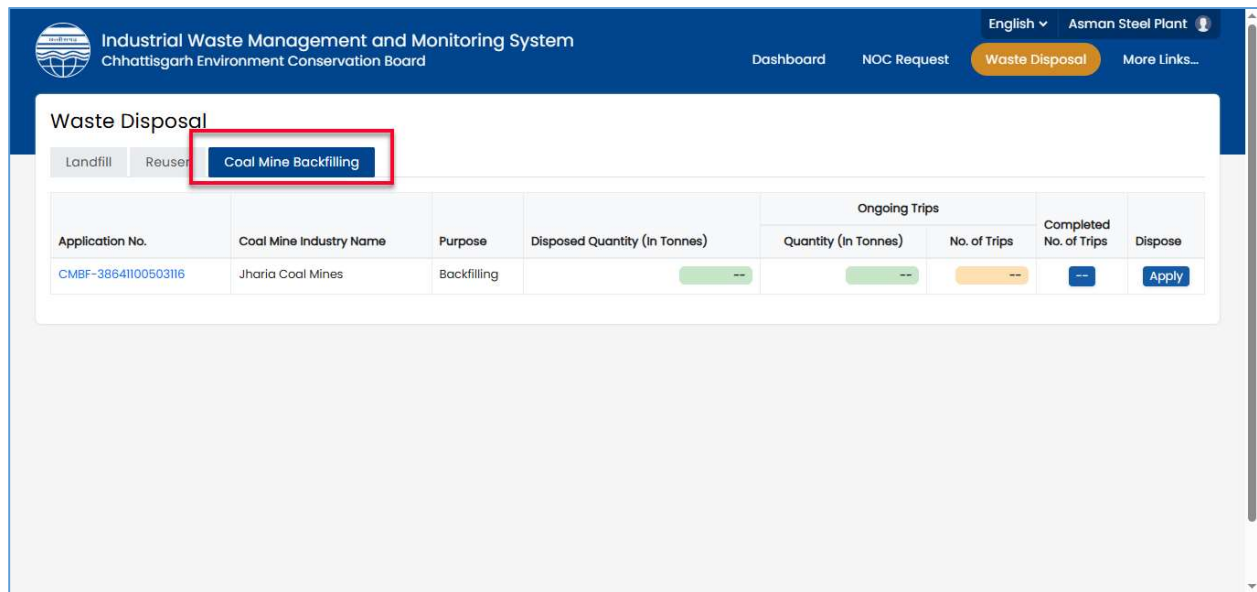


Figure 5-10 Confirmation Message Screen

5.3 COAL MINE BACKFILLING

Apply for disposal of waste for coal mine backfilling in this section.

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Industrial Waste Management and Monitoring System
Chhattisgarh Environment Conservation Board

English Asman Steel Plant

Dashboard NOC Request **Waste Disposal** More Links...

Waste Disposal

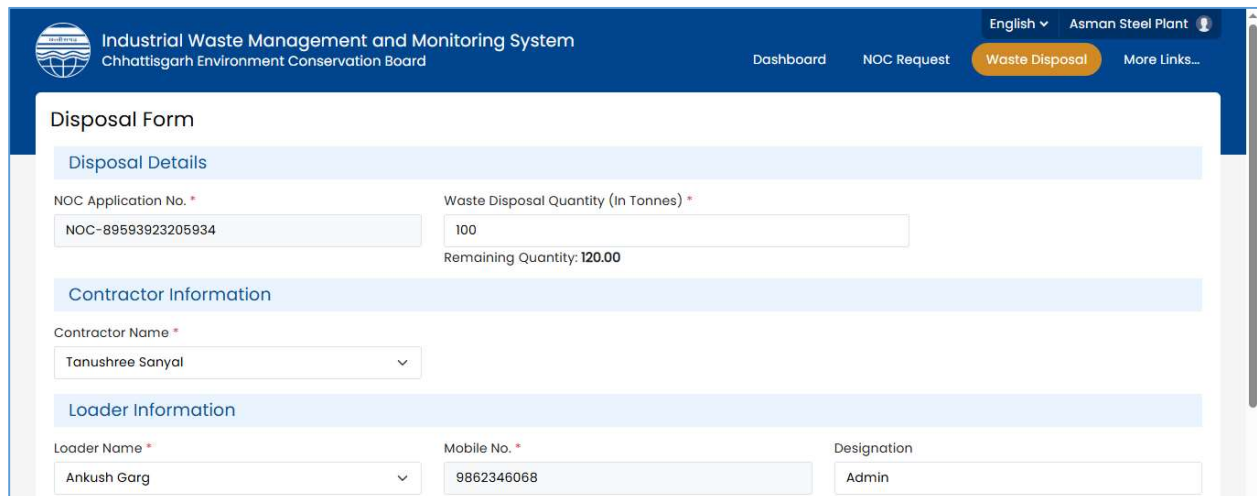
Landfill Reuser **Coal Mine Backfilling**

Application No.	Coal Mine Industry Name	Purpose	Disposed Quantity (In Tonnes)	Ongoing Trips		Completed No. of Trips	Dispose
				Quantity (In Tonnes)	No. of Trips		
CMBF-38641100503116	Jharia Coal Mines	Backfilling	--	--	--	--	Apply

Figure 5-11 Waste Disposal - Coal Mine Backfilling Screen

Refer to the **Fig 5-11**,

- Click on the **Apply** button.



Industrial Waste Management and Monitoring System
Chhattisgarh Environment Conservation Board

English Asman Steel Plant

Dashboard NOC Request **Waste Disposal** More Links...

Disposal Form

Disposal Details

NOC Application No. *
NOC-89593923205934

Waste Disposal Quantity (In Tonnes) *
100

Remaining Quantity: 120.00

Contractor Information

Contractor Name *
Tanushree Sanyal

Loader Information


Loader Name *
Ankush Garg

Mobile No. *
9862346068

Designation
Admin

Figure 5-12 Disposal Form Screen (1)

- The Application number is auto filled.

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- Enter the waste disposal quantity.

Add Contractor Information

- Select the Name of the Contractor.

Add Loader Information

- Select the Name of the Loader. The Mobile Number is auto filled. Add the designation of the loader.

Add Vehicle Information

- Enter the Vehicle Number and click on **Verify** button.

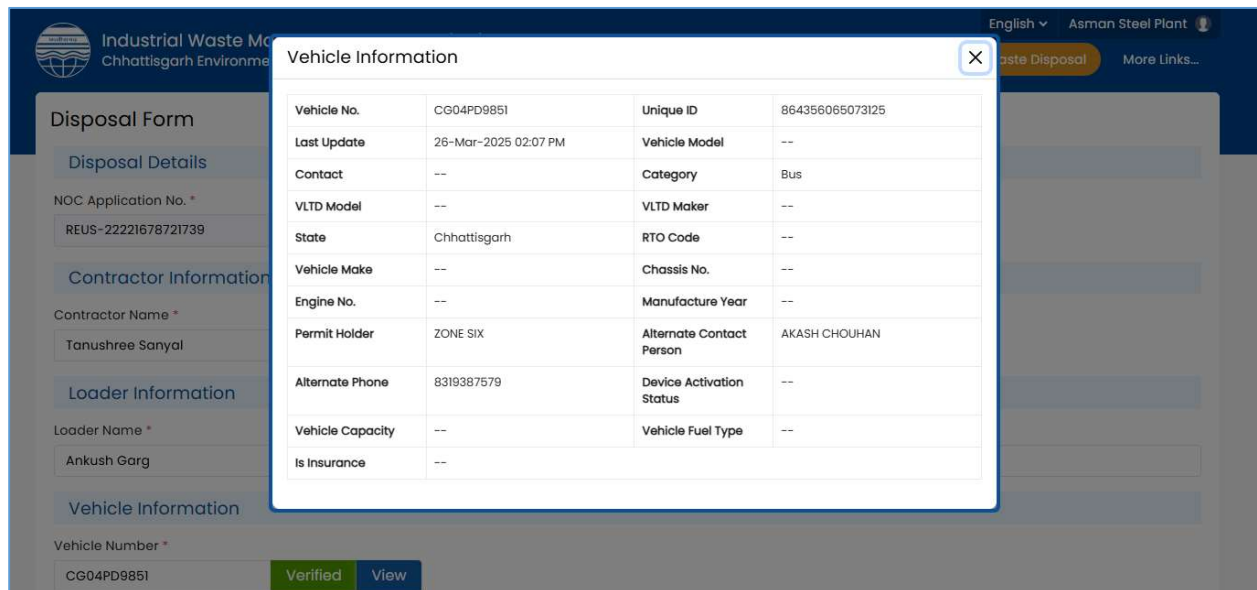

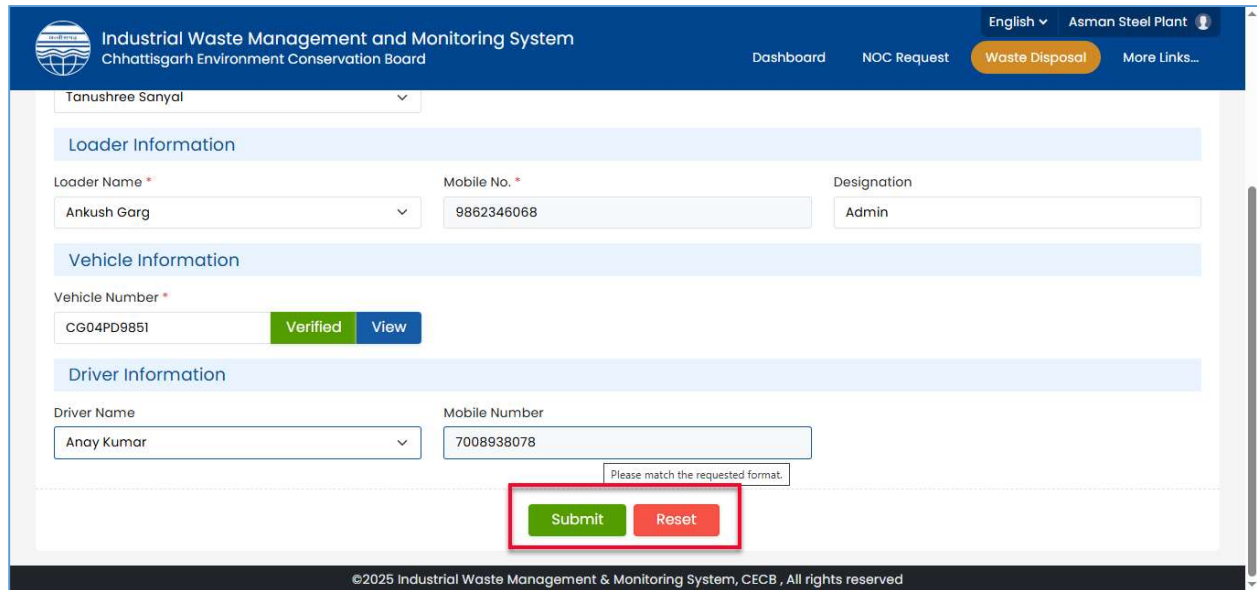


Figure 5-13 Vehicle Information Screen

The details of the vehicle are displayed.

- Select the Name of the Driver.

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The screenshot shows the 'Disposal Form Screen (2)' in the IWMMS application. The header includes the system name, user 'Tanushree Sanyal', and navigation options like 'Dashboard', 'NOC Request', 'Waste Disposal', and 'More Links...'. The form is divided into three main sections:

- Loader Information:** Includes a dropdown for 'Loader Name' (Ankush Garg), a text input for 'Mobile No.' (9862346068), and a text input for 'Designation' (Admin).
- Vehicle Information:** Includes a text input for 'Vehicle Number' (CG04PD9851) with a 'Verified' status and a 'View' button.
- Driver Information:** Includes a dropdown for 'Driver Name' (Anay Kumar) and a text input for 'Mobile Number' (7008938078) with a validation error message: 'Please match the requested format.'

At the bottom of the form, there are two buttons: a green 'Submit' button and a red 'Reset' button, both of which are highlighted with a red rectangular box.

Figure 5-14 Disposal Form Screen (2)

- The mobile number is auto fetched.
- Click on the **Submit** button.
- On successful submission, the disposal trip is applied successfully.

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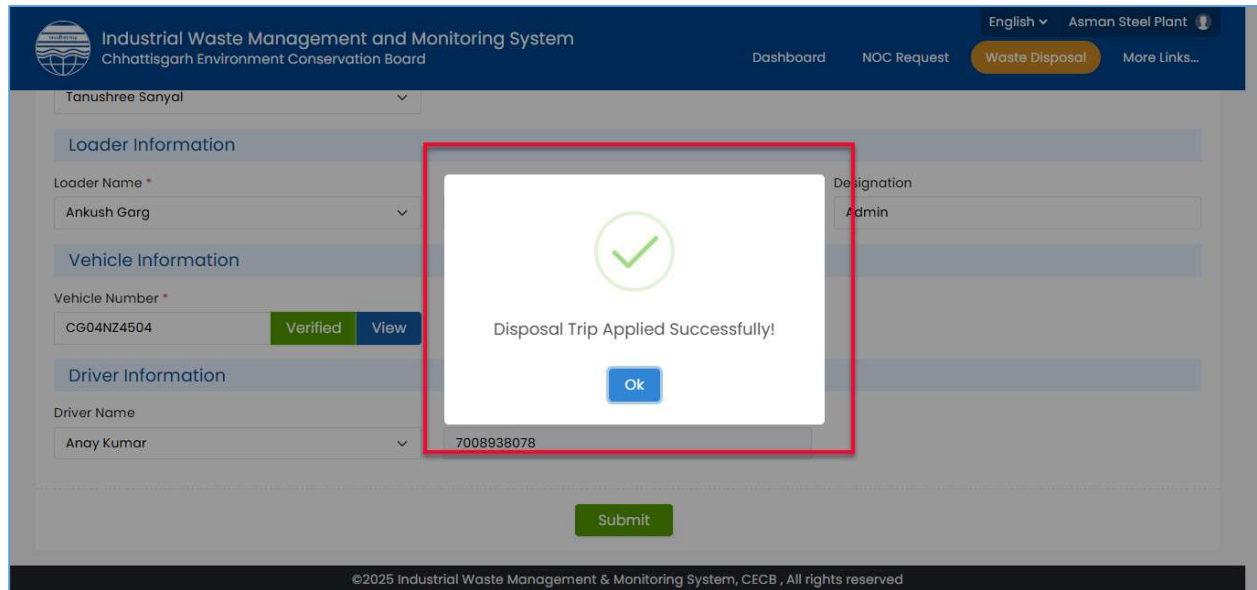

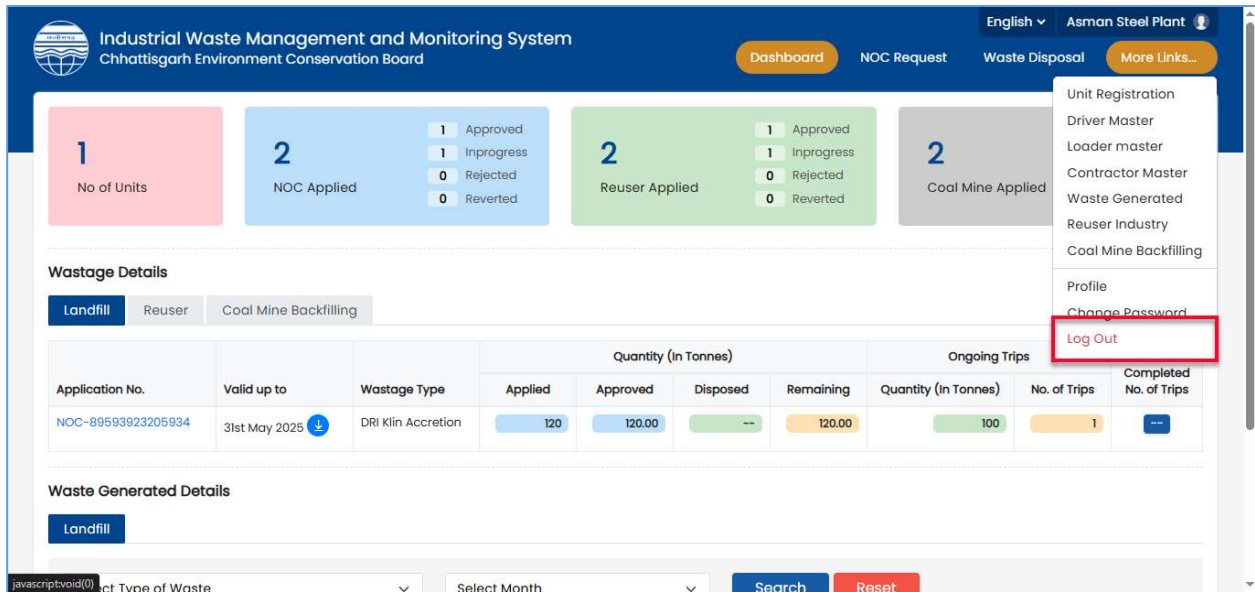


Figure 5-15 Confirmation Message Screen

6 LOGOUT

To logout from the application, refer **Fig 5-16**, click and expand the profile icon and then click on the **Logout** option provided.

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The screenshot shows the IWMMS dashboard with the following components:

- Header:** Industrial Waste Management and Monitoring System, Chhattisgarh Environment Conservation Board. Language: English, Location: Asman Steel Plant.
- Navigation:** Dashboard, NOC Request, Waste Disposal, More Links...
- Summary Cards:**
 - No of Units: 1
 - NOC Applied: 2 (1 Approved, 1 Inprogress, 0 Rejected, 0 Reverted)
 - Reuser Applied: 2 (1 Approved, 1 Inprogress, 0 Rejected, 0 Reverted)
 - Coal Mine Applied: 2
- Wastage Details:** Landfill, Reuser, Coal Mine Backfilling.

Application No.	Valid up to	Wastage Type	Quantity (In Tonnes)				Ongoing Trips		
			Applied	Approved	Disposed	Remaining	Quantity (In Tonnes)	No. of Trips	Completed No. of Trips
NOC-89593923205934	31st May 2025	DRI Klin Accretion	120	120.00	--	120.00	100	1	--
- Waste Generated Details:** Landfill
- Footer:** javascript:void(0), Select Type of Waste, Select Month, Search, Reset.

Figure 6-1 Logout Button

- On clicking the logout button, the user is logged out of the application.


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