

2017

Landfill E-Forms Instruction Manual: Web Application



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Sanitation

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User Manual for LEF

Landfill e-Forms

Created by the Senior Design group members at California State University Los Angeles

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Introduction

Introduction

Welcome

Welcome to the Landfill e-Forms User manual. Thank you for giving the Senior Design students at California State University Los Angeles the opportunity to work with you on this exciting project. We hope you will be pleased with the results.

Purpose

The LEF is a combination of applications used to convert the City of Los Angeles Department of Sanitation's methane emissions auditing system to a paperless system to improve efficiency, reduce human error, and speed up report production. This LEF will consist of the team developing two applications: a mobile application and a web application for desktop use.

Web Application

The web application will be developed using Angular 4 on the front end and Java on the back end. The user will be able to upload/download data through a hardwired sync when connected to a mobile device running the developed Android application.

Getting Started

Getting Started

This section will discuss how to set up the Web application.

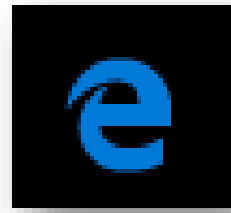
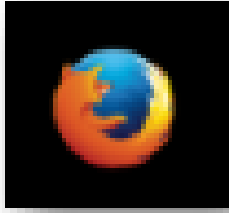
Web Requirements

- An Internet connection.
- An Updated Web Browser (Tested on Google Chrome, Firefox, and Microsoft Edge (The new Windows Explorer)). We recommend using Google Chrome as your browser.

Web Application

Web Application Basics

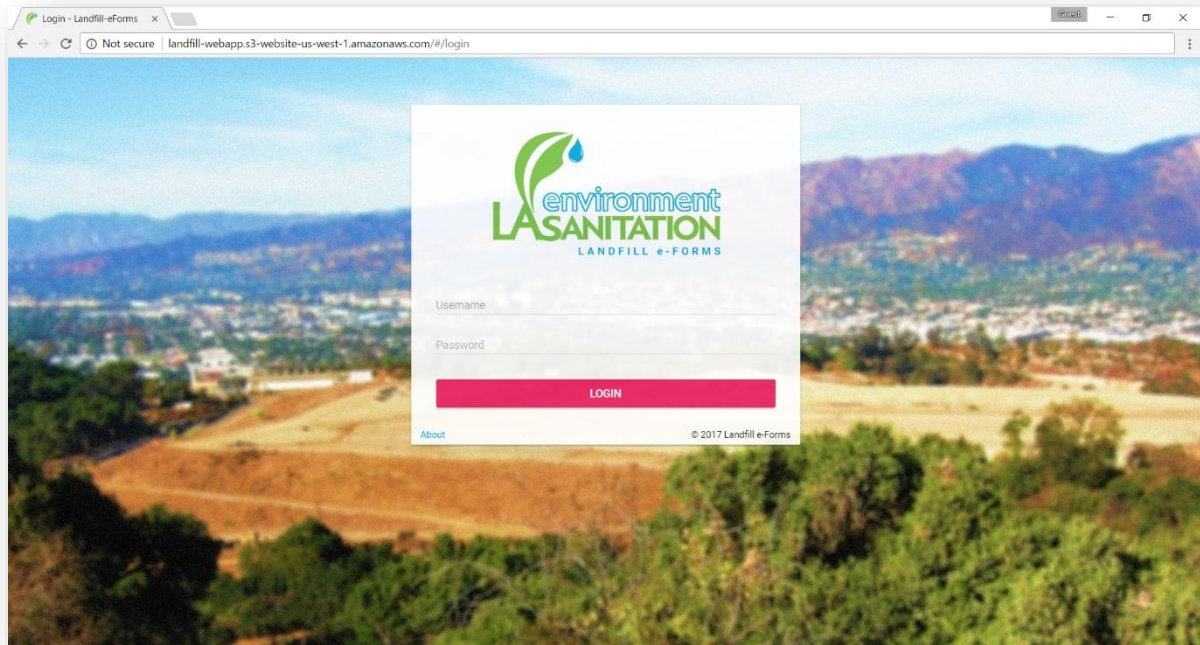
Opening the Browser



- Please go to your desired Web browser to access the Web Application
- After typing the web address, you will be directed to the Landfill e-Forms Web Application

Logging In

To login, enter your username and password.



Upon successful login, you will be redirected to the Dashboard. Entering an invalid username and will prompt a message indicating that the user has entered an invalid username or password. This message will pop up at the bottom of the screen.

Authentication Failed: Invalid Username OK

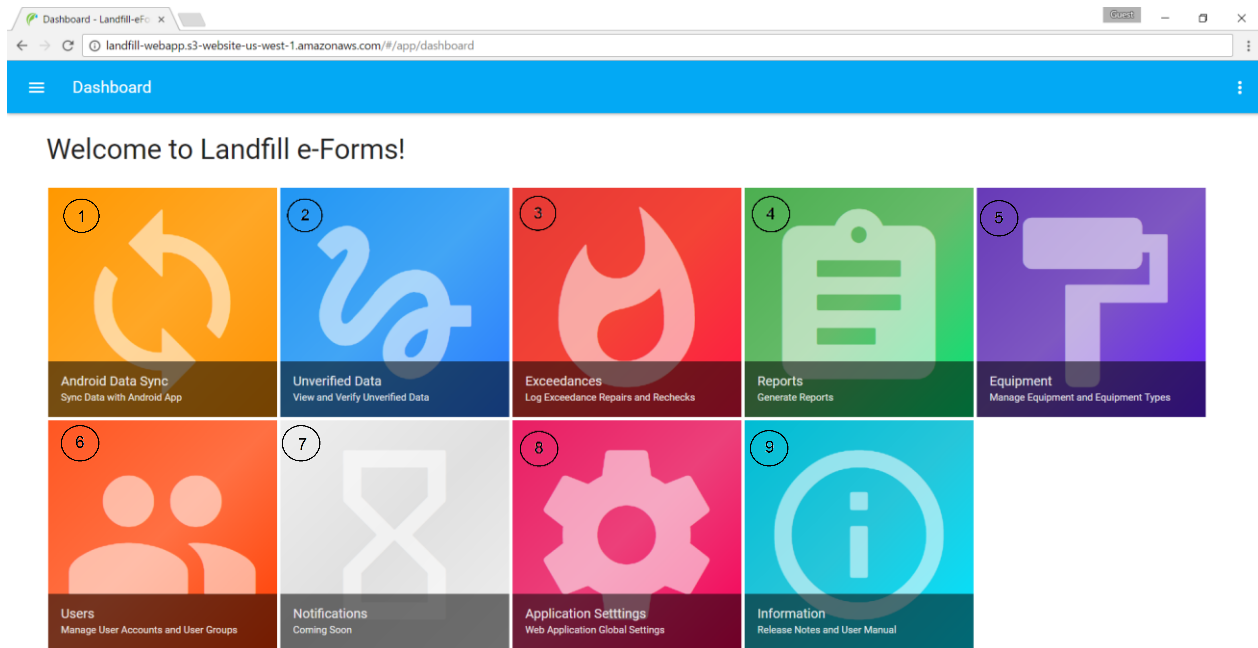
Authentication Failed: Invalid Password OK

In the case where you forget your password, you must contact the Administrator to reset the password, otherwise, you will not be able to access your account.



Dashboard and Menu


The Dashboard displays different places you can navigate to. Depending on the user, some icons might not be shown. (Currently showing super admin.)



Pressing the hamburger button will expand the menu/hide. There are different activities you can choose from:

- ① **Android Data Sync**
 - Pressing the Android Data Sync button will direct you to the Data Sync page. You can upload the data from the mobile application as well as download data to the web application here.
- ② **Unverified Data**
 - Pressing the Unverified Data button will direct you to the Unverified Data page. You can confirm the data passed from the mobile application here.
- ③ **Exceedances**
 - Pressing the Exceedances button will direct you the exceedances page.
 - You can view current exceedances as well as conduct repairs.
- ④ **Reports**
 - Pressing the Reports button will direct you to the reports page. You can view different reports by adjusting parameters such as type, location, and date.
- ⑤ **Equipment**

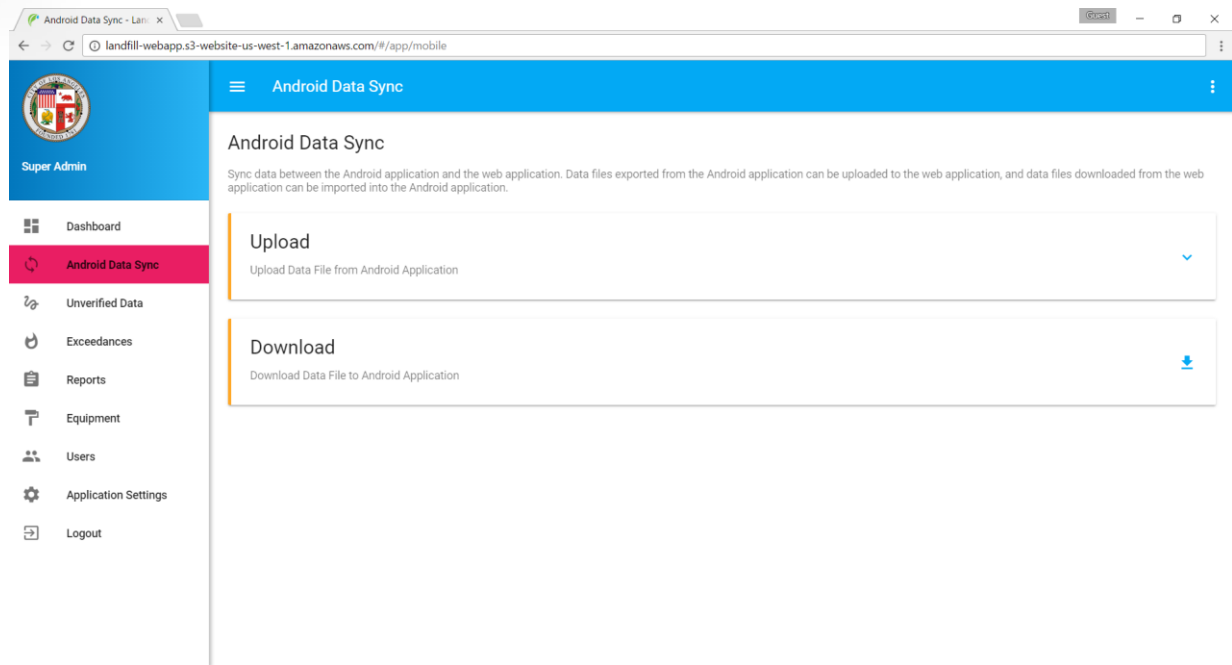
- Pressing the Equipment button will navigate you to the equipment list. You can manage equipment inventory as well as manage equipment types.
- ⑥ Users
 - Pressing the Users button will direct you a page where you can manage users, as well as user groups. Here, you can add, edit, and delete users, as well as assign different user roles to the user.
- ⑦ Notifications
 - Coming soon! (Next year)
- ⑧ Application Settings
 - Pressing the Application Settings button will allow the administrator (and not other users) to define settings like expiration time for security tokens, adjusting user account information, as well as changing super administrator password (Only seen on the super administrators account).
- ⑨ Information
 - Pressing the Information button will direct you to the Information page. This page will contain some information about the application, release notes, as well as the user manual (Coming next year).

Alternatively, you can press the  button on the top left corner to access these pages.



Android Data Sync

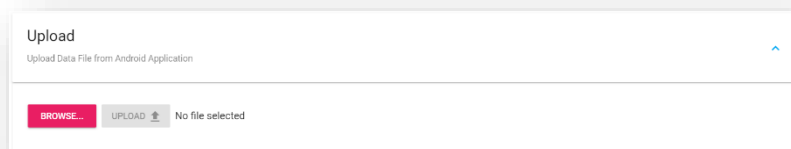
By pressing on the Android Data, you will be directed to the Android Data Sync page.



From here, you can either upload the data from the android application to the web application, or you can download the data from the web application to the mobile application.

Uploading the JSON file

Uploading the JSON file that was taken from the Android application is as simple as clicking a couple of buttons!



By pressing the upload button, you will can upload the JSON file that is taken from the mobile application. To upload the JSON file, click on the “Browse...” button. Navigate to the JSON file, open it. Make sure you haven’t already uploaded the JSON file already

from a previous time. After you have done this, the upload button will change color, indicating that it is ready to upload. If you did not select a file, you will not be able to upload. After successful upload of the JSON file, you will then be directed to the unverified data page, where you can validate all fields.



Unverified Data

By pressing on the Unverified Data button or by uploading a JSON file generated by the android application, you will be directed to the Unverified Data page.

The screenshot shows the 'Unverified Data' page. The left sidebar contains a navigation menu with options: Dashboard, Android Data Sync, Unverified Data (highlighted), Exceedances, Reports, Equipment, Users, and Logout. The main content area displays a table of data sets. The table has columns: Site, Inspector, Upload Date, Filename, and Edit. The data rows are as follows:


Site	Inspector	Upload Date	Filename	Edit
Bishops	Quach, Alvin	5/4/2017	LandFillDataExportTue May 02 184435 PDT 201...	[Edit]
Lopez	Chen, Jose	5/4/2017	LandFillDataExportThu May 04 130828 PDT 201...	[Edit]
Sheldon	Chen, Jose	5/4/2017	LandFillDataExportThu May 04 130828 PDT 201...	[Edit]
Toyon	Chen, Jose	5/4/2017	LandFillDataExportThu May 04 130828 PDT 201...	[Edit]
Gaffey	Chen, Jose	5/4/2017	LandFillDataExportThu May 04 130828 PDT 201...	[Edit]
Toyon	Chen, Jose	5/4/2017	LandFillDataExportThu_May_04_15_49_53_PDT...	[Edit]
Lopez	Kord, Arlenn	5/4/2017	LandFillDataExportThu Apr 13 001729 PDT 2017...	[Edit]

At the bottom of the table, there is a pagination bar showing 'Page: 1', 'Rows per page: 10', and '1-7 of 7'. On the right side, a sidebar titled 'Unverified Data Set' shows details for the selected 'Bishops' data set, including 'Date Uploaded: May 4, 2017, 4:41 PM', 'Uploaded By: Smith, John', 'Last Modified: May 7, 2017, 4:49 PM', and 'Modified By: Quach, Alvin'. Below this, there are sections for 'Details' and 'Contents'.

The Unverified Data Sets provides a way for users to essentially double check the data that is taken. You can evaluate the data and add parameters if they are missing. By clicking on a different row, you can see some details on the right-hand side of the screen.


To hide the details, simply click on the > button.

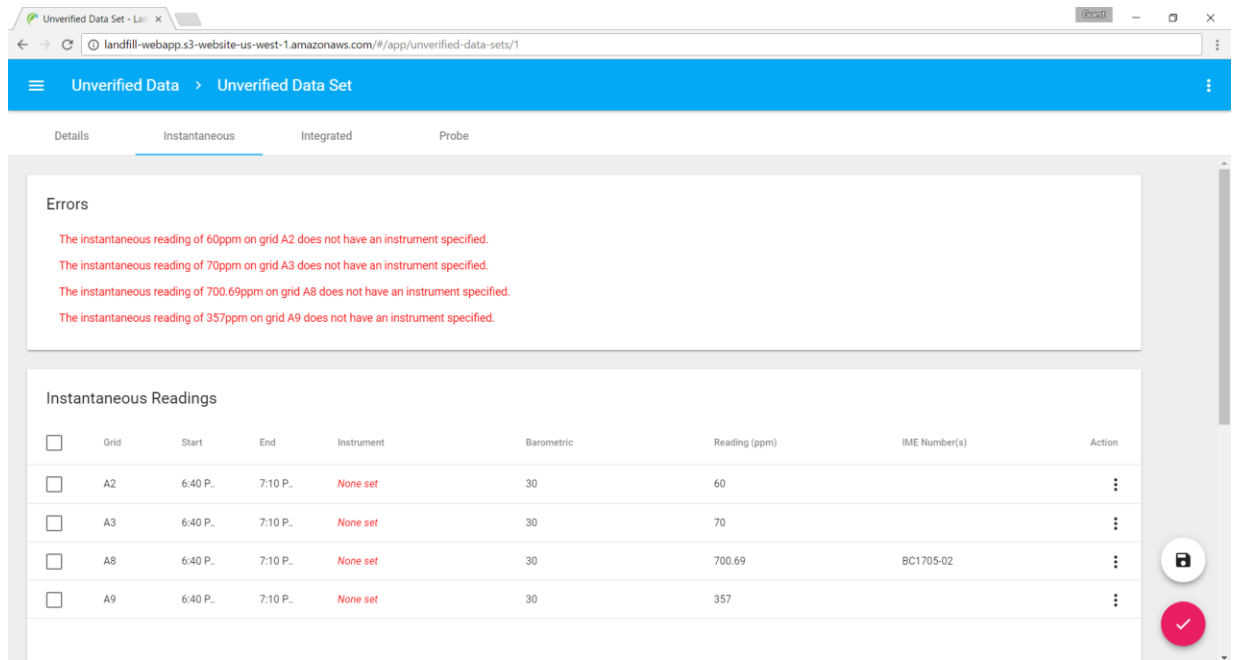
Filtering Unverified Data

You can filter the unverified data by clicking the  button. You can use this to find your desired unverified data. By clicking that button, you can toggle on and off the filter bar.

The filter bar consists of a search input field with the placeholder text 'Search' and a dropdown menu for 'Site' with the selected value 'Any'.

Editing, Saving, and Committing Unverified Data

To edit the desired unverified data, click on the  button. This will direct you to the verify data page.



The screenshot shows a web browser window with the URL `landfill-webapp.s3-website-us-west-1.amazonaws.com/#/app/unverified-data-sets/1`. The page title is "Unverified Data Set". The navigation bar includes "Unverified Data" and "Unverified Data Set". The main content area has tabs for "Details", "Instantaneous", "Integrated", and "Probe". The "Instantaneous" tab is selected, showing a list of errors and a table of instantaneous readings.

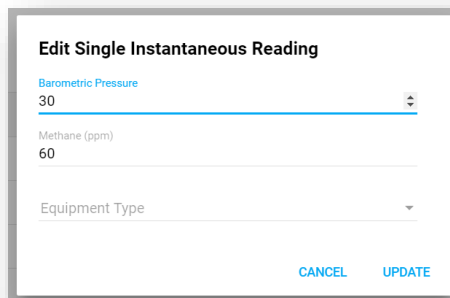
Errors

- The instantaneous reading of 60ppm on grid A2 does not have an instrument specified.
- The instantaneous reading of 70ppm on grid A3 does not have an instrument specified.
- The instantaneous reading of 700.69ppm on grid A8 does not have an instrument specified.
- The instantaneous reading of 357ppm on grid A9 does not have an instrument specified.

Instantaneous Readings

<input type="checkbox"/>	Grid	Start	End	Instrument	Barometric	Reading (ppm)	IME Number(s)	Action
<input type="checkbox"/>	A2	6:40 P.	7:10 P.	None set	30	60		⋮
<input type="checkbox"/>	A3	6:40 P.	7:10 P.	None set	30	70		⋮
<input type="checkbox"/>	A8	6:40 P.	7:10 P.	None set	30	700.69	BC1705-02	⋮
<input type="checkbox"/>	A9	6:40 P.	7:10 P.	None set	30	357		⋮

From here, you can change things such as the barometric pressure and instruments. As a precaution, you can see what kind of errors there are in the error table. You can double-click the entry to change the fields.





The dialog box is titled "Edit Single Instantaneous Reading". It contains three input fields: "Barometric Pressure" with a value of 30, "Methane (ppm)" with a value of 60, and "Equipment Type" with a dropdown menu. At the bottom right, there are two buttons: "CANCEL" and "UPDATE".

If there is nothing else missing in the data, you will not get any errors, but you can still edit the values if you need to.

Errors

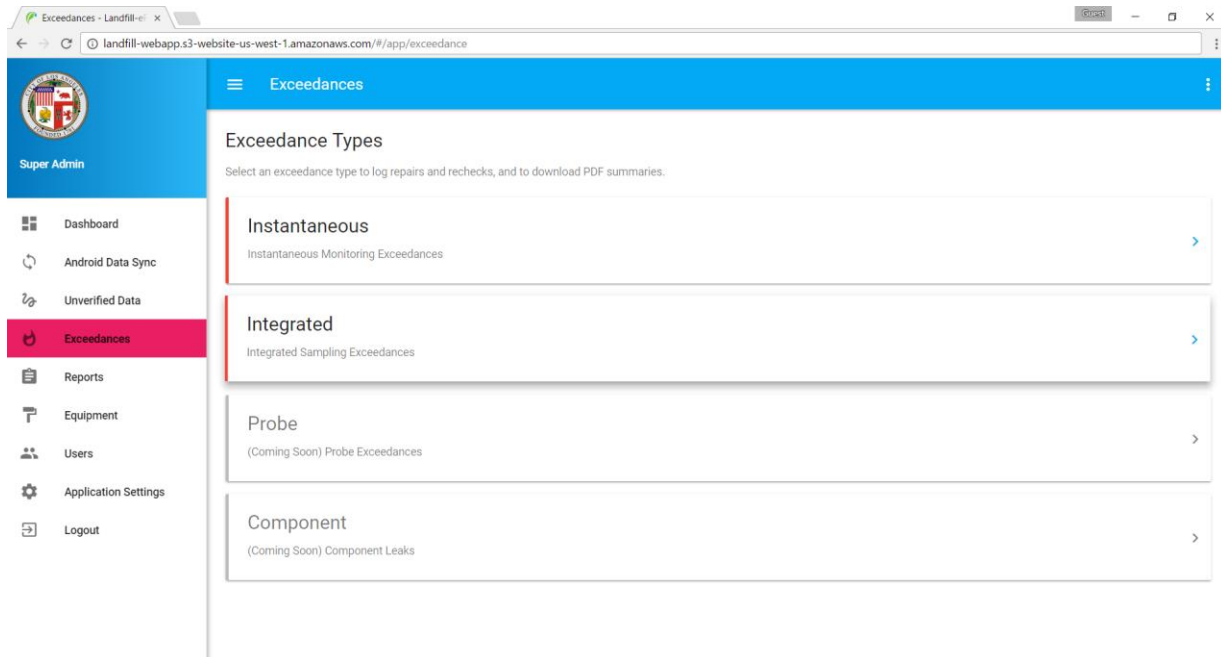
No errors found.

After you are done, you can press the  button, and it will save any changes you made. If you are ready to commit the changes, and are sure the information is correct, you can press the  button. Once pressing commit, the now verified data will become permanent and **cannot** be changed. You will be able to see this data on the Reports page.



Exceedances

By pressing on the Exceedances button, you will be directed to the exceedance page, where you can look and repair exceedances.

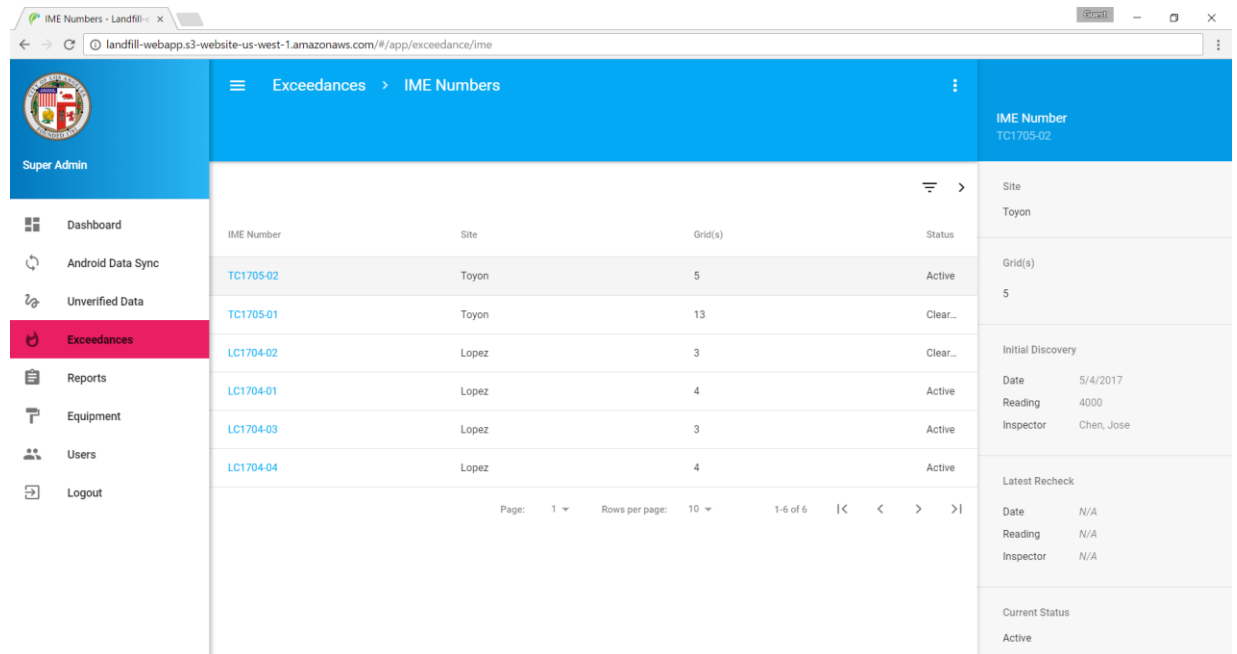


Currently, there are only 2 types of exceedances that you can monitor:

- Instantaneous
- Integrated

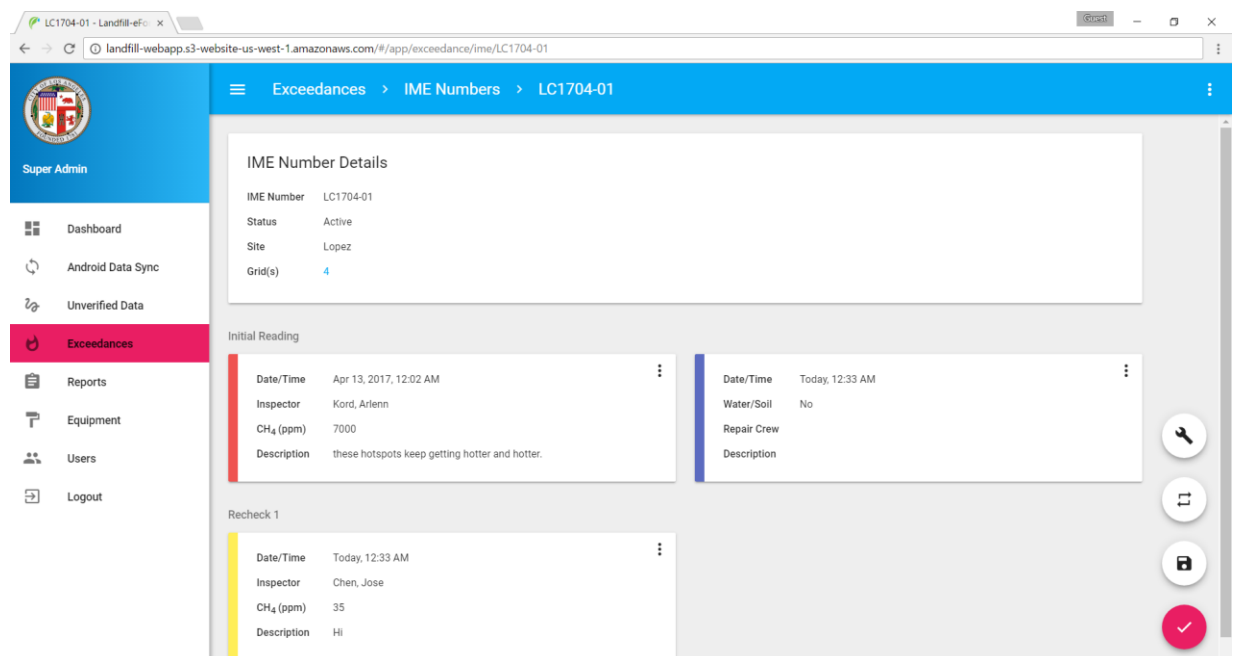
Viewing Exceedance Info

You first start out by choosing an exceedance type, and from there you will be directed to a list of exceedances for that type.



IME Number	Site	Grid(s)	Status
TC1705-02	Toyon	5	Active
TC1705-01	Toyon	13	Clear...
LC1704-02	Lopez	3	Clear...
LC1704-01	Lopez	4	Active
LC1704-03	Lopez	3	Active
LC1704-04	Lopez	4	Active

From here, you can click once on an exceedance entry to look at the information, and double click the exceedance entry if you want to perform rechecks or repairs.



IME Number Details

IME Number: LC1704-01

Status: Active

Site: Lopez

Grid(s): 4

Initial Reading

Date/Time: Apr 13, 2017, 12:02 AM

Inspector: Kord, Arlenn

CH₄ (ppm): 7000

Description: these hotspots keep getting hotter and hotter.

Latest Recheck

Date/Time: Today, 12:33 AM



Inspector: Chen, Jose

CH₄ (ppm): 35

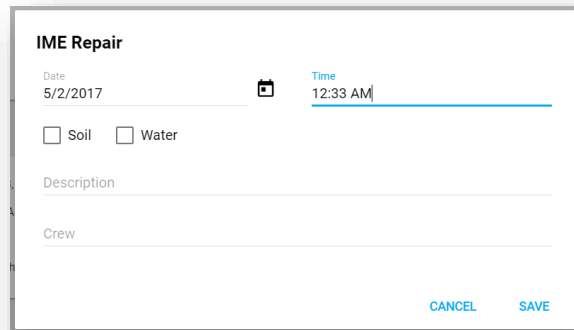
Description: Hi

Red stands for initial reading, blue stands for repair, yellow stands for rechecks, green stands for final recheck. The recheck will only turn green if you mark it as clear.

Adding Repair/Recheck data on an Exceedance

After clicking on the desired exceedance, you can click on the  button or the  to add repairs.

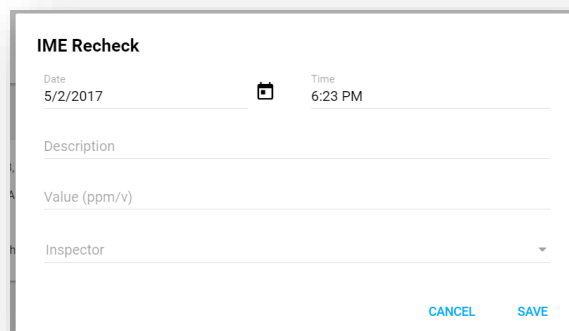
***Note: You can only add repair/recheck data for exceedances that are active.**



The 'IME Repair' form is a white rectangular box with a light gray border. At the top left, it is titled 'IME Repair'. Below the title, there are two input fields: 'Date' with the value '5/2/2017' and a calendar icon, and 'Time' with the value '12:33 AM' and a clock icon. Below these are two checkboxes: 'Soil' and 'Water'. There are two text input fields: 'Description' and 'Crew'. At the bottom right, there are two buttons: 'CANCEL' and 'SAVE'.

Once you fill out the data, press “Save”. The repair data will be temporarily added to the entry.


You can also add recheck data by pressing the  button.



The 'IME Recheck' form is a white rectangular box with a light gray border. At the top left, it is titled 'IME Recheck'. Below the title, there are two input fields: 'Date' with the value '5/2/2017' and a calendar icon, and 'Time' with the value '6:23 PM' and a clock icon. Below these are three input fields: 'Description', 'Value (ppm/v)', and 'Inspector' with a dropdown arrow. At the bottom right, there are two buttons: 'CANCEL' and 'SAVE'.

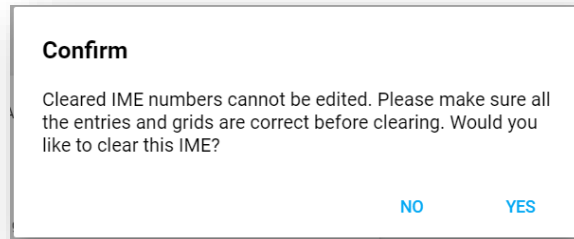
Once you have filled out the data, press “Save”. The recheck data will be temporarily added to the entry.

Saving Exceedances

Once you are done adding the rechecks and repairs, press the  button to save the rechecks and repairs that are made.

Clearing Exceedances

If the exceedance is no longer an exceedance, then you can clear the exceedance. When clearing the exceedance, you will be prompted with some dialog confirming that you want to clear the exceedance. This will make the exceedance no longer editable.

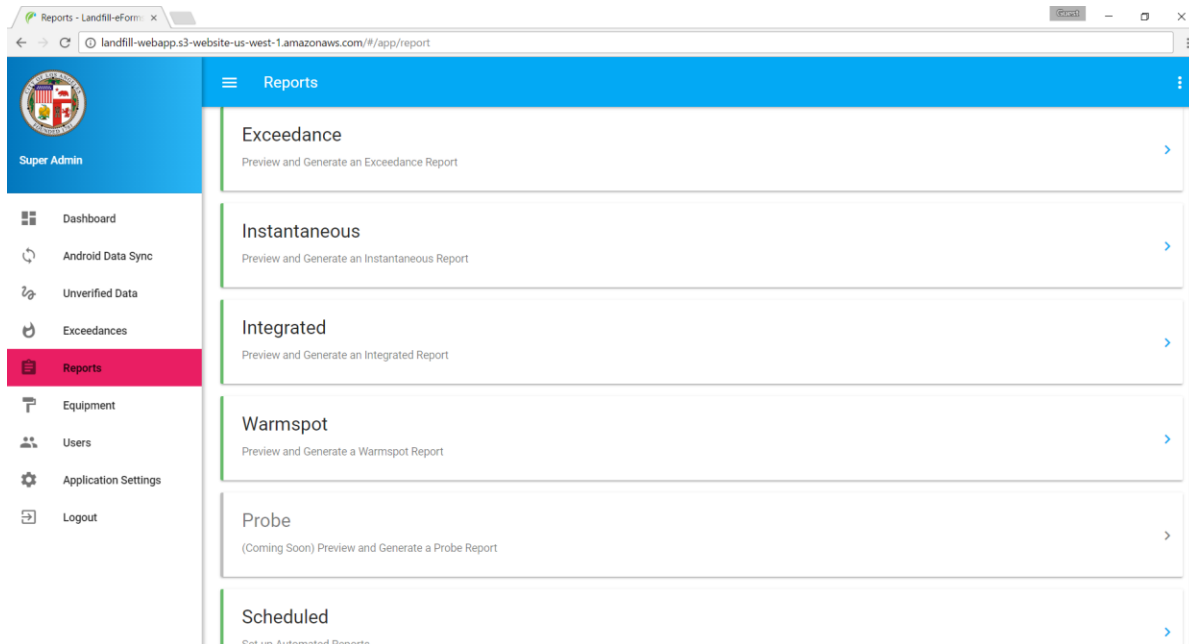


The exceedance **will** still be on the exceedance list, even though it is cleared, but will no longer be editable. The status for that exceedance will turn to “Cleared”.



Reports

By pressing on the Reports button, you will be directed to the reports page where you will be able to view reports based on the verified data.

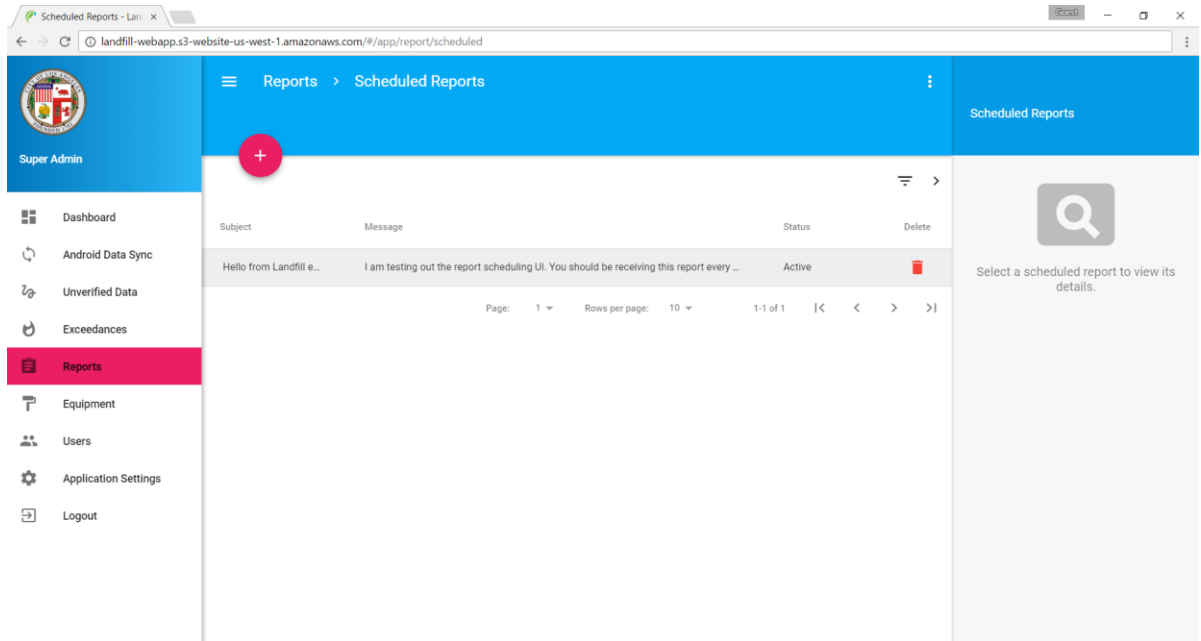


Currently, there are 5 reports:

- Exceedance
- Instantaneous
- Integrated
- Warmspot
- Scheduled
 - You can generate emails and send out reports at various intervals.


Viewing and Downloading a Report

The reports will have the same format for Exceedance, Instantaneous, and Integrated. To view a report, click on the type of report you want to view. You will be redirected to the Report page where you can query reports based upon site and date interval.



From here, you can select the report that you want to look at, and you can also look at the recipients of the scheduled report on the right-hand side of the screen.

Adding a new Scheduled Report

To create new scheduled report, click on the  button. Then fill out the fields for Schedule, Recipients, and Query.

The 'Schedule New Report' dialog box is shown with the 'Schedule' tab selected. It contains the following fields and controls:

- Subject:** A text input field.
- Body:** A text input field.
- Start Date:** A date picker showing '5/12/2017'.
- Frequency:** A text input field showing '1'.
- Recurrence:** A dropdown menu showing 'Monthly'.
- Active:** A toggle switch that is currently turned on.
- Buttons:** 'CANCEL' and 'CONFIRM' buttons at the bottom right.

Fill out the Subject, Body of text, Date you want this schedule to start, Frequency, how often you this to occur, and whether it is active or not. Next,

The screenshot shows the 'Schedule New Report' dialog box with the 'Recipients' tab selected. The 'User Groups' list on the left includes 'Admin', 'Test1', 'Test2', 'Test3', and 'Hello World', each with a checkbox. The 'Additional Recipients' section on the right is empty. At the bottom right, there are 'CANCEL' and 'CONFIRM' buttons. A '+' button is located next to the 'Email Address' input field.

Schedule New Report		
Schedule	Recipients	Query
User Groups		
<input type="checkbox"/>	Admin Admin	
<input type="checkbox"/>	Test1 Can only view and edit users.	
<input type="checkbox"/>	Test2 Test2	
<input type="checkbox"/>	Test3 I need a longer description to test this out. Can someone help me write a wall of text? I need a longer description	
<input type="checkbox"/>	Hello World Hello?	
Additional Recipients		
New Recipient Name Email Address +		
CANCEL CONFIRM		

select the user groups that you want to send this to. You can also add additional recipients. You will have to put the recipient's name and email address. After doing so, press the + button to add the recipient to the scheduled report.

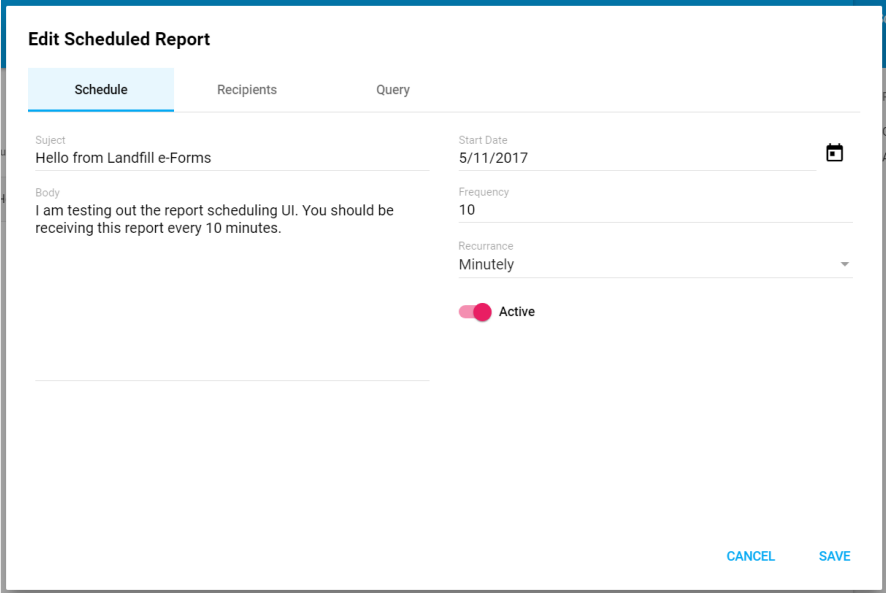
The screenshot shows the 'Schedule New Report' dialog box with the 'Query' tab selected. The 'Report Type' is set to 'Instantaneous', 'Site' is 'Bishops', and 'Period' is 'Custom'. The 'Start Date' and 'End Date' fields are empty, each with a calendar icon. At the bottom right, there are 'CANCEL' and 'CONFIRM' buttons.

Schedule New Report		
Schedule	Recipients	Query
Report Type Instantaneous		
Site Bishops		
Period Custom		
Start Date		
End Date		
CANCEL CONFIRM		

Finally, query the desired report you want to generate to the recipients, and press confirm.

Editing a Scheduled Report

To edit a scheduled report, double-click on the desired scheduled report. You will then be able to modify the fields there.



The screenshot shows a modal dialog titled "Edit Scheduled Report". It has three tabs: "Schedule" (selected), "Recipients", and "Query". The "Schedule" tab contains the following fields:

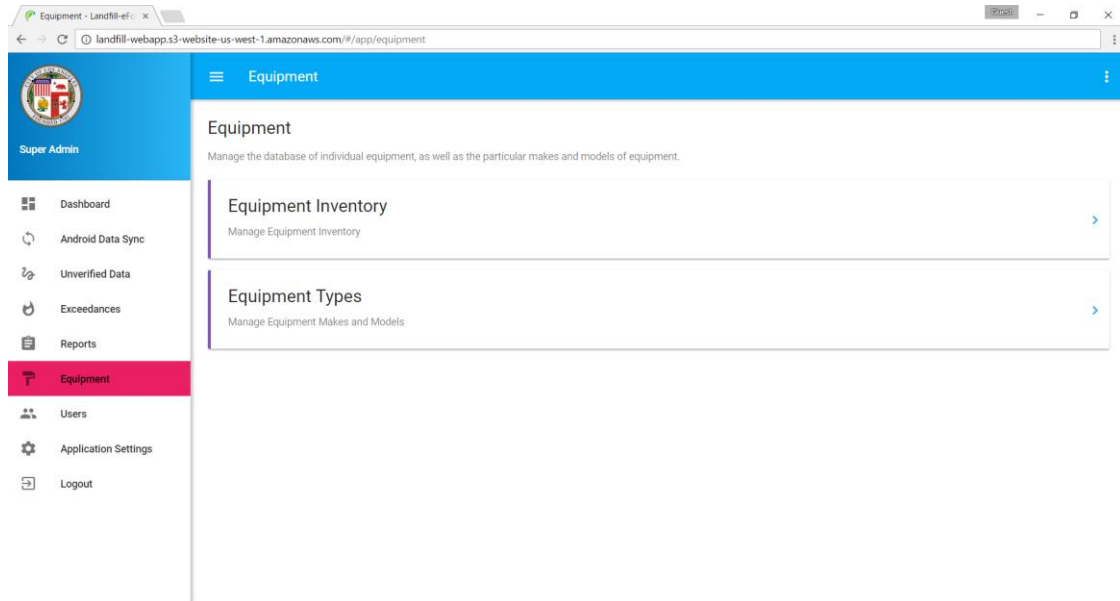
- Subject:** Hello from Landfill e-Forms
- Start Date:** 5/11/2017 (with a calendar icon)
- Frequency:** 10
- Recurrence:** Minutely (with a dropdown arrow)
- Active:** A toggle switch is turned on, labeled "Active".

At the bottom right of the dialog are two buttons: "CANCEL" and "SAVE".



Equipment

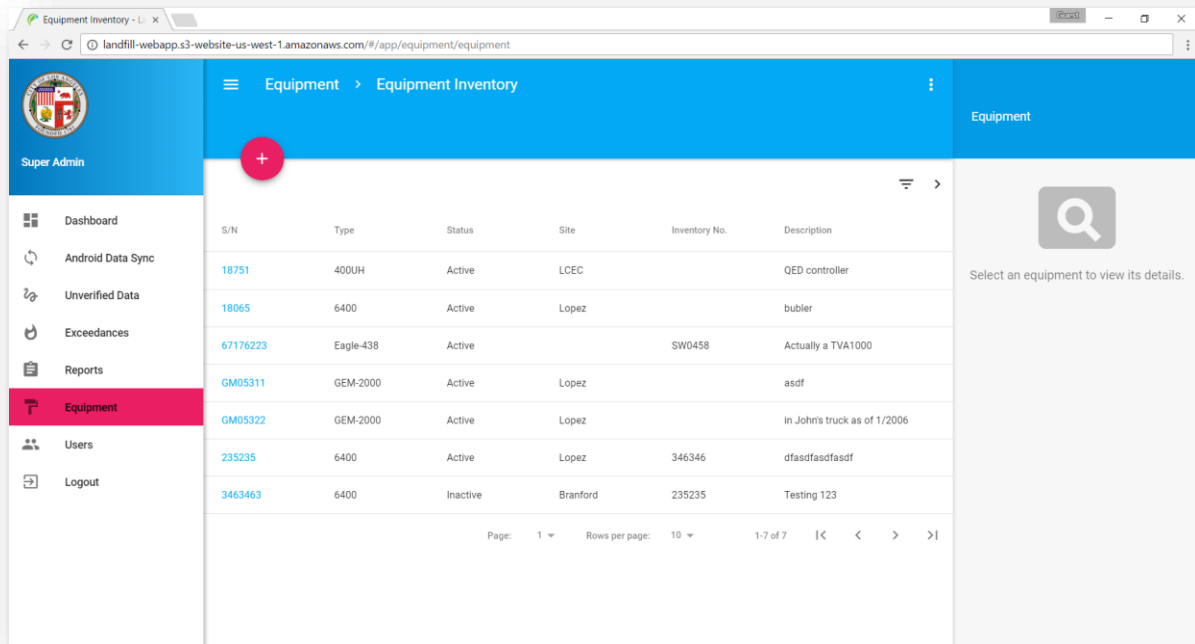
By pressing on the Equipment button, you will be directed to the equipment page where you will be able to manage equipment.



You can choose to manage the equipment inventory or equipment types.

Equipment Inventory

You can choose to manage equipment inventory by clicking on equipment types, you will be directed to the list of available equipment types.



You can also look at some of the details of the equipment on the right-hand side of the screen.

Adding Equipment

To create new equipment, click on the  button. Complete the fields such as Serial Number, Equipment Type, Description, City Inventory Number, Status, Assigned Site, as well as Service Dates.

Create New Equipment

Serial Number

City Inventory Number

Equipment Type

Status

Description

Assigned Site

Last Service Date

Next Service Date

Purchased Date

CANCEL

CONFIRM

Once you are done, press confirm. The equipment will be added to the list.

Editing Equipment

To edit existing equipment information, double-click on the desired equipment. You will then be able to edit the fields for the desired equipment.

Edit Equipment Type

Type
400UH

Manufacturer
QED

Description
Groundwater controller

☐ Instantaneous/integrated
☐ Probes/Gas Wells
☐ CH₄ Percent
☐ CH₄ ppm
☐ H₂S ppm
☐ O₂ Percent
☐ CO₂ Percent
☐ N₂ Percent
☐ Pressure

CANCEL
SAVE

Once you are done, you can press “Save” to save any changes made.

Equipment Types

You can choose to manage equipment types. By clicking on equipment types, you will be directed to the list of available equipment types.

Equipment Types - Landfill

landfill-webapp.s3-website-us-west-1.amazonaws.com/#/app/equipment/equipment-types

Super Admin

Dashboard
Android Data Sync
Unverified Data
Exceedances
Reports
Equipment
Users
Logout

Equipment > Equipment Types

+


Equipment Type	Manufacturer	Description
400UH	QED	Groundwater controller
475-II	Dwyer	Manometer
6400	QED	Water level meter (bubbler)
D020	Precision Scien...	Vacuum pump
Eagle-401	RKI	Multigas meter H2S O2 CH4 CO
Eagle-438	RKI	Multigas meter CH4 CH4 O2 CO
GEM-2000	Landtec	Landfill gas meter CH4 O2 N2 CO2 pressure
GEM-500	Landtec	Landfill gas meter CH4 O2 N2 CO2 pressure
TVA-1000B	ThermoFisher	FID/PID

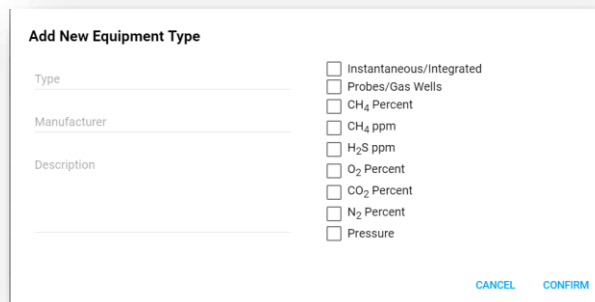
Page: 1 Rows per page: 10 1-10 of 16

Equipment Type
QED 400UH

General
Date Created
Created By
Last Modified
Modified By
Instruments (S/N)
18751
Applicable Tests
No applicable tests

Adding Equipment Type

To add an equipment type, click on the  button. Complete the fields such as Type, Manufacturer, Description, as well as tests it is used for.



Add New Equipment Type

Type _____

Manufacturer _____

Description _____

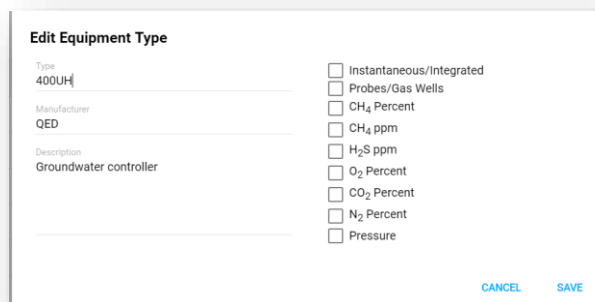
- ☐ Instantaneous/Integrated
- ☐ Probes/Gas Wells
- ☐ CH₄ Percent
- ☐ CH₄ ppm
- ☐ H₂S ppm
- ☐ O₂ Percent
- ☐ CO₂ Percent
- ☐ N₂ Percent
- ☐ Pressure

CANCEL CONFIRM

Once you are done, press confirm. The equipment type will be added to the list.

Editing Equipment Type

To edit existing equipment information, double-click on the desired equipment. You will then be able to edit the fields for the desired equipment.



Edit Equipment Type

Type 400UH _____

Manufacturer QED _____

Description Groundwater controller _____

- ☐ Instantaneous/Integrated
- ☐ Probes/Gas Wells
- ☐ CH₄ Percent
- ☐ CH₄ ppm
- ☐ H₂S ppm
- ☐ O₂ Percent
- ☐ CO₂ Percent
- ☐ N₂ Percent
- ☐ Pressure

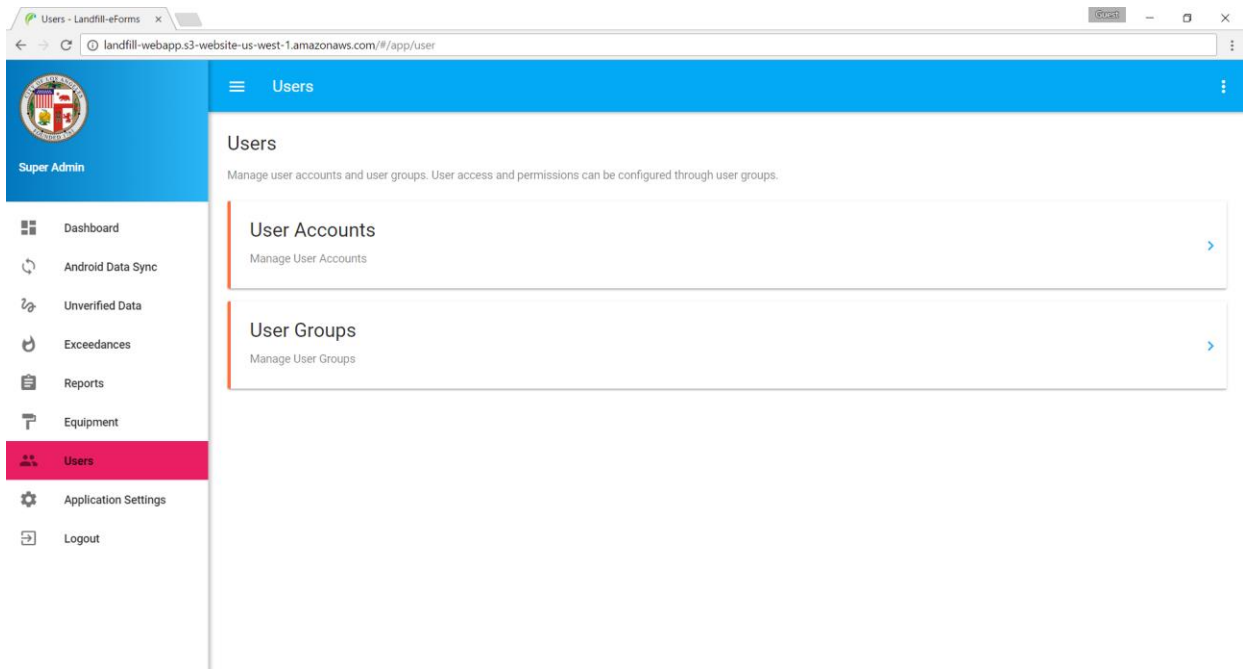
CANCEL SAVE

Once you are done, you can press “Save” to save any changes made.



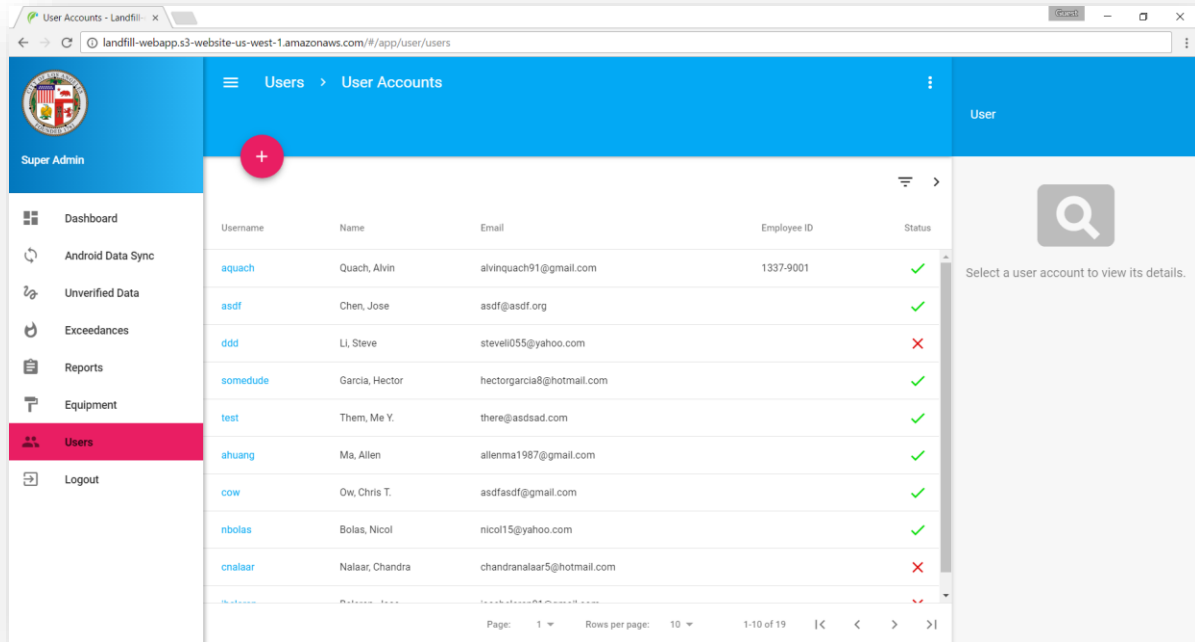
Users

By pressing on the Users button, you will be directed to the Users page where you will be able to manage user groups as well as different users.



User Accounts

You can choose to manage users by clicking on User, you will be directed to the list of available users.

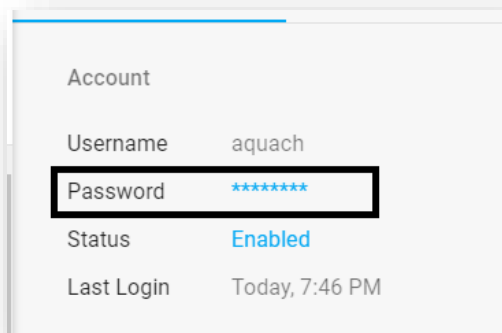


Username	Name	Email	Employee ID	Status
aquach	Quach, Alvin	alvinquach91@gmail.com	1337-9001	✓
asdf	Chen, Jose	asdf@asdf.org		✓
ddd	Li, Steve	stevel055@yahoo.com		✗
somedude	Garcia, Hector	hectorgarcia8@hotmail.com		✓
test	Them, Me Y.	there@asdsad.com		✓
ahuang	Ma, Allen	allenma1987@gmail.com		✓
cow	Ow, Chris T.	asdfsadf@gmail.com		✓
nbolas	Bolas, Nicol	nicol15@yahoo.com		✓
cnalaar	Nalaar, Chandra	chandranalaar5@hotmail.com		✗

You can also look at some of the details of the users on the right-hand side of the screen.

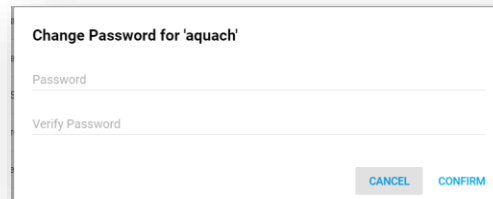
Changing the Password

To change the password, on the User Accounts page, click on the desired user. Then click on the *****.



Account	
Username	aquach
Password	*****
Status	Enabled
Last Login	Today, 7:46 PM

You will then be prompted to change the password for a user.



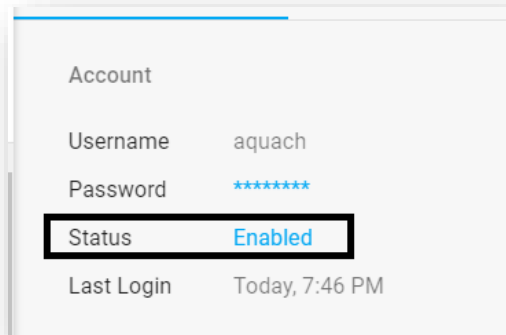
A dialog box titled "Change Password for 'aquach'". It contains two input fields: "Password" and "Verify Password". At the bottom right, there are two buttons: "CANCEL" and "CONFIRM".

Once you are done, press confirm. The password will then be changed. This will not change the password for the android unless you download the data file into the android application and update it from there.

Changing the status

Status is used to determine if the user is commissioned or decommissioned.

To change the status, on the User Accounts page, click on the desired user. Then click on the Status.

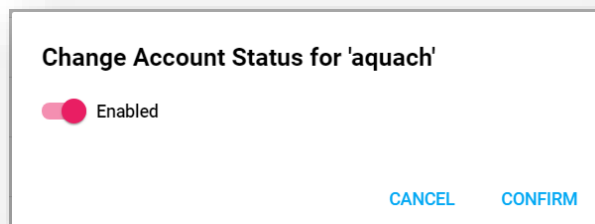


A user account details card for the user "aquach". It displays the following information:

Account	
Username	aquach
Password	*****
Status	Enabled
Last Login	Today, 7:46 PM

The "Status" field is highlighted with a black border.


You can then enable or disable the status of the user.

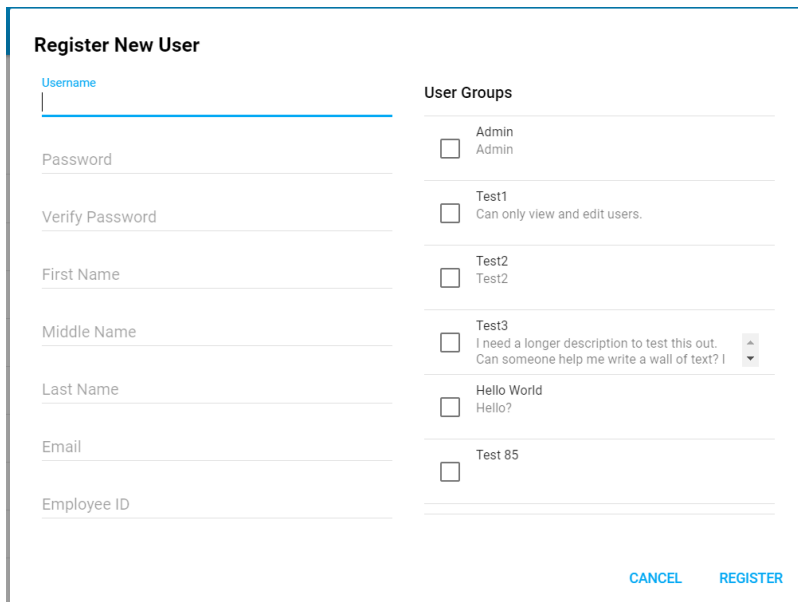


A dialog box titled "Change Account Status for 'aquach'". It features a toggle switch that is currently turned on, labeled "Enabled". At the bottom right, there are two buttons: "CANCEL" and "CONFIRM".

Once you are done, you can press "Save" to save any changes made.

Adding New Users

You can add new users by clicking on the  button. You can then fill out some fields such as the Username, Password, First Name, Last Name, Email, Employee ID, as well as User groups.

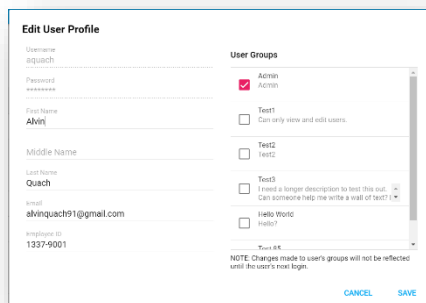


The "Register New User" form is divided into two main sections. The left section contains input fields for "Username", "Password", "Verify Password", "First Name", "Middle Name", "Last Name", "Email", and "Employee ID". The right section, titled "User Groups", lists several groups with checkboxes: "Admin" (Admin), "Test1" (Can only view and edit users.), "Test2" (Test2), "Test3" (I need a longer description to test this out. Can someone help me write a wall of text? I...), "Hello World" (Hello?), and "Test 85". At the bottom right of the form are "CANCEL" and "REGISTER" buttons.

Once you are done, you can press “Register” to create a new user.

Editing Information for an Existing User

To edit the information of an existing user by double-clicking the user.

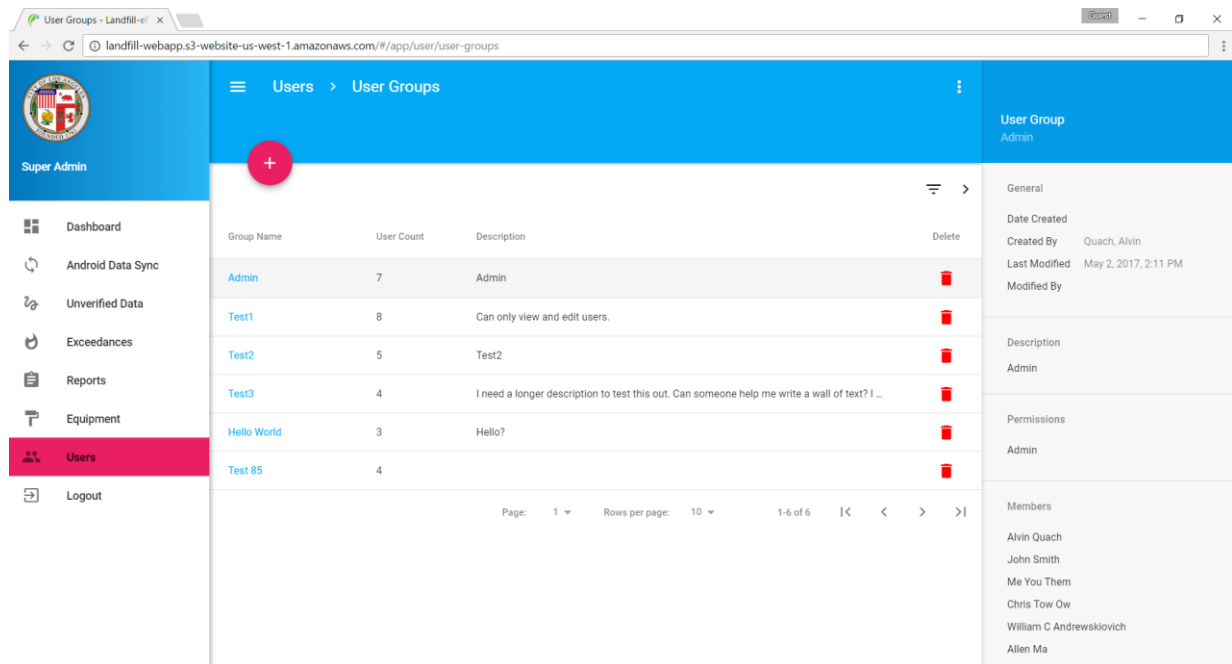








The "Edit User Profile" form shows the details of an existing user. The left section displays the current information: Username (alvinquach), Password (masked), First Name (Alvin), Middle Name, Last Name (Quach), Email (alvinquach91@gmail.com), and Employee ID (1337-9001). The right section, titled "User Groups", shows the "Admin" group selected with a red checkmark, and other groups like "Test1", "Test2", "Test3", "Hello World", and "Test 85" with unchecked checkboxes. A "NOTE" at the bottom states: "NOTE: Changes made to user's groups will not be reflected until the user's next login." At the bottom right are "CANCEL" and "SAVE" buttons.

Once you are done, press “Save”. The changes to the user’s profile will be saved.

User Groups

User groups are a way of bundling up privileges that you can assign to different users. You can choose to manage user groups by clicking on User Groups, you will then be directed to the list of user groups.



Group Name	User Count	Description	Delete
Admin	7	Admin	
Test1	8	Can only view and edit users.	
Test2	5	Test2	
Test3	4	I need a longer description to test this out. Can someone help me write a wall of text? I ...	
Hello World	3	Hello?	
Test 85	4		

User Group

Admin

General

Date Created
Created By Quach, Alvin
Last Modified May 2, 2017, 2:11 PM
Modified By

Description

Admin

Permissions


Admin

Members


Alvin Quach
John Smith
Me You Them
Chris Tow Ow
William C Andrewsiovich
Allen Ma

You can also look at some of the details of the user groups on the right-hand side of the screen.

Deleting a User Group

To delete a user group, click on the  icon. When deleting the user group, the user count **must** be 0. Otherwise, you will be unable to delete the user group. To remove the user from the user group, you must go to the individual user and remove them from that group.

Adding a new User Group

You can add new user groups by clicking on the  button. You then add the group name, description, and the desired user permissions for that user group.

Editing a User Group

You can edit the user groups by double-clicking on the desired group. There, you can change the Group Name, Description, as well as User Permissions.

Edit User Group

Group Name
Hello World

Description
Hello?

User Permissions

☐ Create Users
User can create new users.

☐ Change User Status
User can enable/disable other non-admin user accounts.

☐ Reset User Passwords
User can reset the passwords of non-admin users.

☐ Reset User Usernames
User can reset the usernames of non-admin users.

☐ Edit User Profiles

NOTE: Changes made to permissions will not be reflected until users' next login.

[CANCEL](#) [CONFIRM](#)

Once you are done, press “Confirm”. Any changes to the user group will then be saved.



Application Settings

By pressing on the Application Settings button, you will be directed to the Application Settings page where you will be able to change parameters for things such as Security Tokens and User Accounts.

The screenshot shows a web browser window with the URL `landfill-webapp.s3-website-us-west-1.amazonaws.com/#/app/settings`. The page is titled 'Application Settings' and features a sidebar with the following navigation items: Dashboard, Android Data Sync, Unverified Data, Exceedances, Reports, Equipment, Users, Application Settings (highlighted), and Logout. The main content area is divided into three sections:

- Security Token**
 - Expiration Time**: The amount of time (in milliseconds) that a generated token is valid for before expiring. Set to zero to never expire. (Label: Milliseconds)
- User Accounts**
 - Min Username Length**: Minimum required length of usernames. (Label: Length)
 - Max Username Length**: Maximum length of usernames. (Label: Length)
 - Min Password Length**: Minimum required length of user account passwords. (Label: Length)
 - Max Password Length**: Maximum length of user account passwords. (Label: Length)
 - Password Special Character Required**: Whether user account passwords require at least one non-alphanumeric character. ☐
- Super Admin**
 - Super Admin Password**: Set the password for the super admin account. This will log you out.

The Super Administrator section will only show when the super administrator is logged in.