



# User Documentation for JCCC Sustainability Mobile, Web App and DashBoard

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## Table of Contents:

### 1. JCCC Sustainability Mobile App introduction

#### 1.1. Installation

#### 1.2. Enter Data and View Graphs

### 2. JCCC Compost and Recycling Dashboard

#### 2.1 Navigation

#### 2.2 Access Custom Management System and Web App

### 3. JCCC Sustainability Web App

#### 3.1. Web App Login

#### 3.2. Data Entry

##### 3.2.1. Data Entry: Compost

###### 3.2.1.1. Compost: New Entry

###### 3.2.1.2. Compost: Update Entry

##### 3.2.2. Data Entry: Recycling

###### 3.2.2.1 .Recycling: New Entry

###### 3.2.2.2. Recycling: Update Entry

# Chapter 1: JCCC Sustainability Mobile App

JCCC Sustainability Mobile App was designed for an easy and convenient way of adding compost records from any location. Whether it is out in the field or the comfort of one's home.


## 1.1: Installation

Current installation of prototype version requires the user to manually install the app. The following steps will provide information for downloading from unknown sources, and installing the app.

1. **Enabling phone to download from unknown sources:** Navigate to Menu -> Settings -> Applications and check the box marked "Unknown Sources". \*\*Note: On some phones this could be under Settings -> Security.
2. **Download Apk:** Open internet browser on the phone. Type the following URL into browser: [students.jccc.edu/nwilso39/compost](http://students.jccc.edu/nwilso39/compost) and download the file jcccSustainability.apk
3. **Install Apk:** After downloading Apk, go to Settings -> Storage -> Downloads and click on JCCC Sustainability and install Apk
4. **Disabling downloading from unknown sources:** Navigate to Menu -> Settings -> Applications and uncheck the box marked "Unknown Sources". \*\*Note: On some phones this could be under Settings -> Security.

## 1.2: Add a Record and View Graphs

The following steps will show how to add a record and view graphs on JCCC Sustainability mobile app.

1. Navigate to the Applications section of your phone and find the JCCC Sustainability icon, which will look like this: . Once found, click on it and it will load the following screen:



2. Tapping on Enter Data will lead you to the login screen.



3. Enter your username and password into the fields provided. Tap submit to login. If username and password is correct then it will lead you to the Enter Data form.

JCCC Sustainability: Enter Data

Date: 5/14/2015

Amount (lbs):

☐ Food
 ☐ Wood

Comments:

SUBMIT DATA

JCCC Sustainability: Enter Data

Date: 5/14/2015

Amount (lbs): 125

☒ Food
 ☐ Wood

Comments:

Look at all that compost - NSW

SUBMIT DATA

4. When the enter data screen comes up, the date field will automatically be filled with the current date. To enter a previous date, tap the date in the white box. This will bring up a calendar for the user to select a previous date. Selecting a future date will result in an error when submitting data asking the user to select a valid date. Tap the white box next to the Amount (lbs) text to enter in the amount to be entered into the record. Then tap on the Food or Wood box to select which type is to be entered. In the comments box, enter any comments that might be needed. It is suggested to at least enter your initials into the comments box. Once the information has been filled out, tap on the Submit Data button.

JCCC Sustainability: Enter Data

Date: 5/14/2015

Amount: 125

Food

Comments:

Look at all that compost - NSW

SUBMIT DATA

JCCC Sustainability: Enter Data

Date: 5/14/2015

Amount (lbs): 125

Food

Comments:

Look at all that compost - NSW

SUBMIT DATA

JCCC Sustainability: Enter Data

Date: 5/14/2015

Record has been added. Would you like to make another entry?

NO YES

Comments:

Look at all that compost - NSW

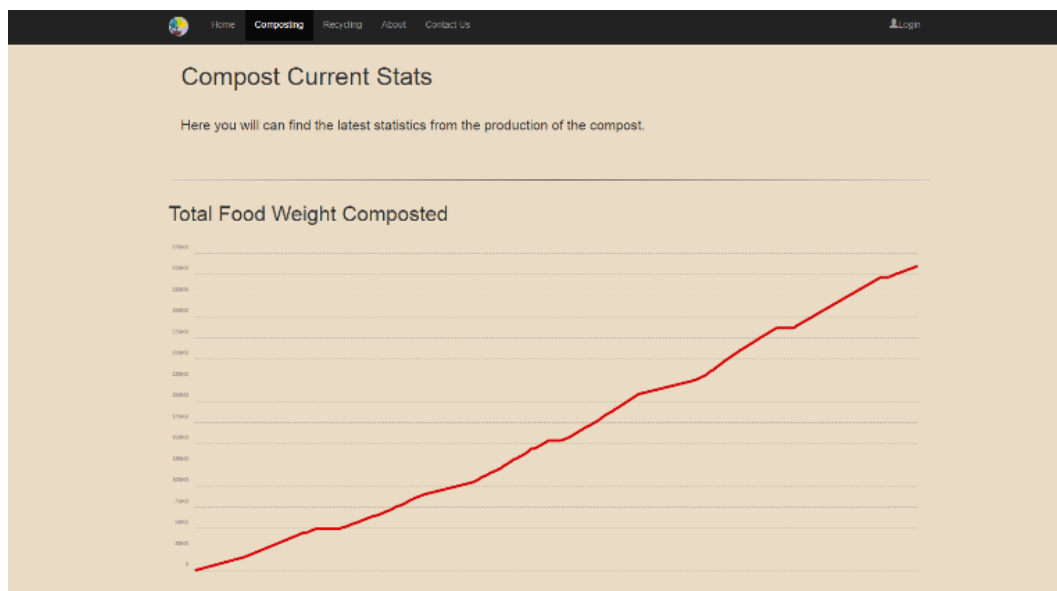
SUBMIT DATA

5. After tapping on the Submit Data button a dialog prompt will pop up asking if the data is correct. Tap Yes to submit data, No to go back to form and edit any information that may need to be edited. After tapping on Yes, it will create the record and indicate that record has been added, and if you would like to make another record. Tapping No will take the user back to the main screen. Tapping **Yes** will open a new blank form.

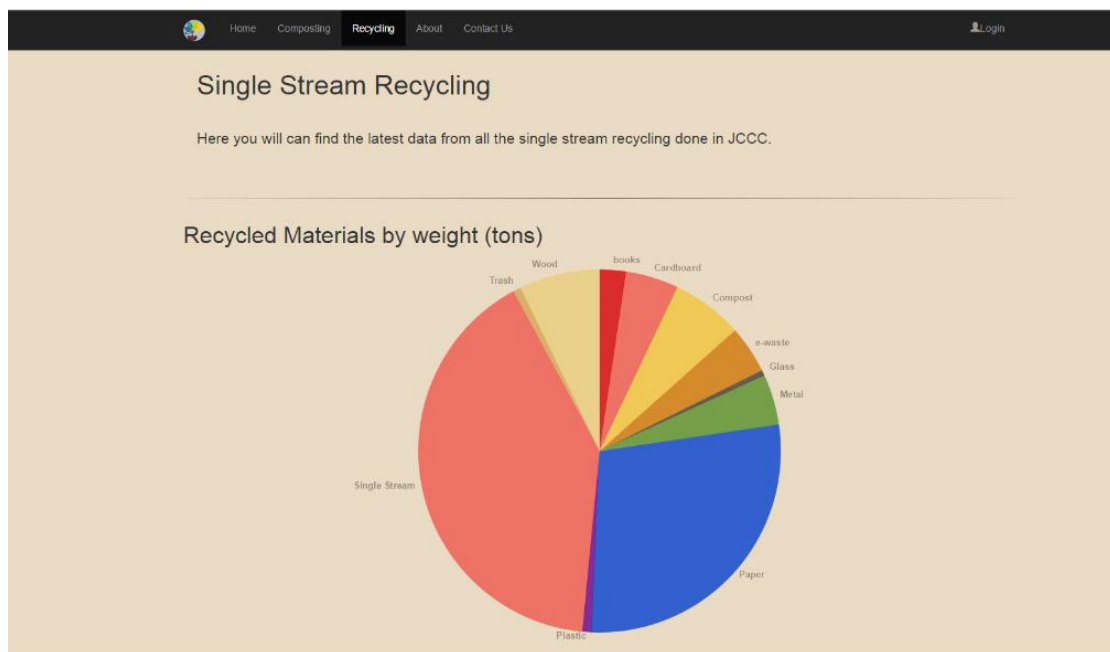
# Chapter 2: JCCC Compost and Recycling Dashboard

JCCC Compost and Recycling Dashboard was designed to show, anybody who is interested, the status of all the compost and recycling done by the Center for Sustainability at Johnson County Community College.

- Compost side of the dashboard shows
  - The total Food Weight Composted
  - The Pre-Consumer Food Weight Composted
  - Carbon Weight Added
  - Pile 1 Temperature (average)
  - Pile 2 Temperature (average)
  - Pile 3 Temperature (average)
  - Internal Temperature (average)



- Recycling side of the dashboard shows:
  - Recycled Materials by weight
  - Total Recycling
  - Money generated by recycling (total)
  - Trash vs Recycled Material Generated





## 3.1: Navigation

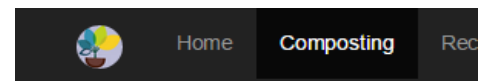


Navigation in the site is quite simple and can be found anywhere and in any of the other pages. The navigation bar contains the following links

- Brand Icon (Home)
- Home
- Composting
- Recycling
- About
- Contact Us
- Login

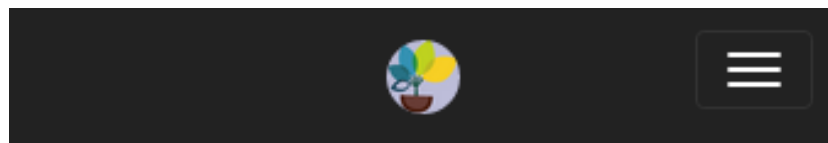
### **Highlighting**

User can easily tell where in the site he/she is and it is all because of the navigation bar would highlight the link of the page you are in with a darker color of black

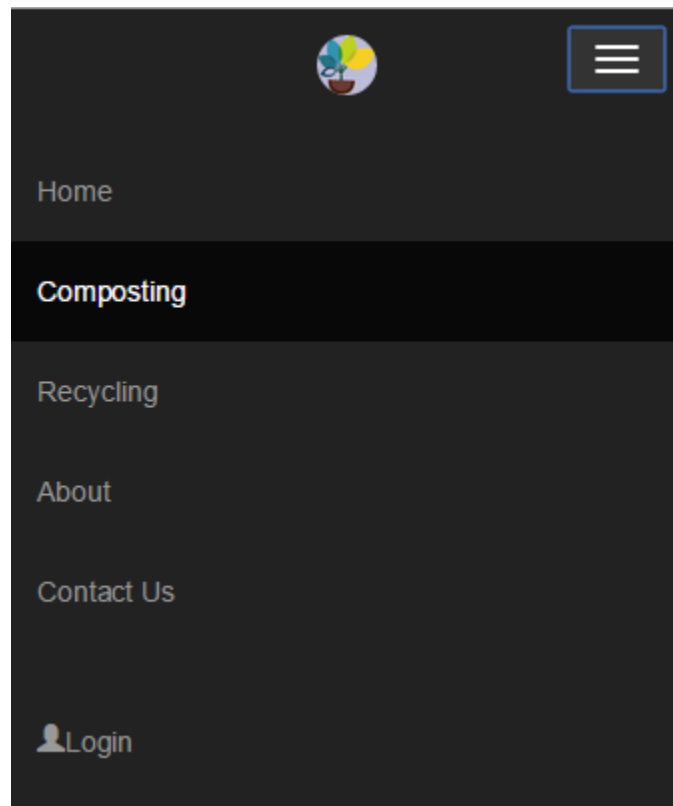


### **Mobile version**

Whenever the users accesses the site from a mobile device, he/she will notice that the navigation bar links will disappear. The only thing showing will be the Brand Icon and the burger looking icon.

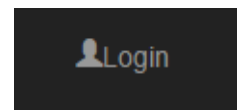


In order to access the links to navigate the site, the user would have to click the burger looking icon, which will bring up a dropdown menu with all the links the site provides.



## 2.2: Access to Custom Management System and Web App

To access the Custom Management System which will allow you to manage the users of the Web App and the use the Web App itself simply click the Login button. This button will take you to a login screen which will ask you credentials to let you in.



Email address Password

☐ Remember me

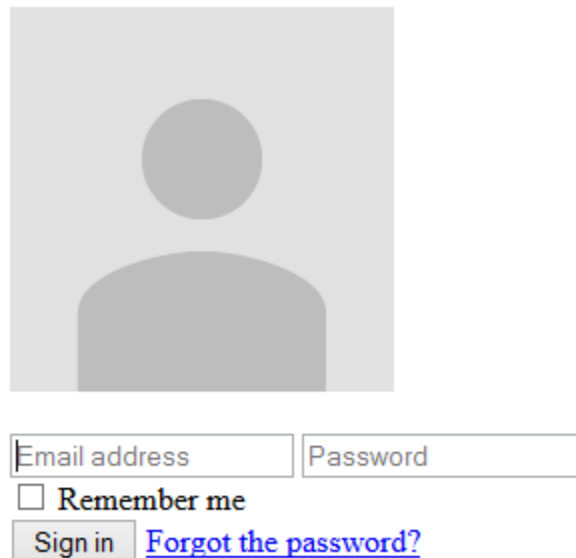
Sign in [Forgot the password?](#)

## Chapter 3: JCCC Sustainability Web App

JCCC Sustainability Web App was designed for an easy and convenient way of adding compost records from any location. Whether it is out in the field or the comfort of one's home.

### 3.1: Web App Login

You will need to login into the web application from the website <http://jcccsus@apphp.com>. Click on the login link at the top right corner of the website. After clicking the login you will be redirected to another part of the website, user login fields will pop up.

A screenshot of a user login form. At the top is a large, light gray rectangular area containing a darker gray silhouette of a person's head and shoulders. Below this are two input fields: 'Email address' and 'Password'. Under the 'Email address' field is a checkbox labeled 'Remember me'. At the bottom left is a 'Sign in' button, and to its right is a blue, underlined link that says 'Forgot the password?'.

At this time enter your username and password provided by your JCCC Sustainability director. After entering in the correct login information you will be forwarded to the web app.

### 3.2: Data Entry:

In thee screens you will be able to enter the data retrieve from both composting and recycling sources.

## 3.2.1 Data Entry: Compost

### 3.2.1.1 Compost: New Entry

When entering the website you will see four buttons are available to choose from. Select the Composting button first to be able to enter composting data.



## Dashboard Data Entry

Sustainability/Projects/Dashboard/Data Entry



After selecting Composting select the new entry button.



## Dashboard Data Entry

Sustainability/Projects/Dashboard/Data Entry



After you have chosen one of these your data entry fields will generate below the buttons.  
As shown:



## Dashboard Data Entry

Sustainability/Projects/Dashboard/Data Entry

Composting

Recycling

New Entry

Update

Date:

Pre-Consumer Foods:

Post-Consumer Foods:

Amendment:

In Vessel:

Pile 1 Temp:

Pile 2 Temp:

Pile 3 Temp:

pH Level:

Submit

Cancel


Enter in all fields available depending on the information you have available. All data does not have to be entered to be able to submit the data.

After entering in all the data you have press the Submit button at the bottom.

Pile 3 Temp:

pH Level:

**Submit** **Cancel**




The data entered will be added to the database after submission. To cancel or clear out all data fields just click on the cancel button next to the submit button.

Pile 3 Temp:

pH Level:

**Submit** **Cancel**



### 3.2.1.2 Compost: Update Entry

To update data that has already been entered into the database click on the update button under the Composting and Recycling buttons.




**Dashboard Data Entry**

Sustainability/Projects/Dashboard/Data Entry

**Composting** **Recycling**

**New Entry** **Update**



After clicking on the update button the screen will show two date fields to select the date range you would like to search through for the date you want to update.

Enter first Date:  Enter last Date:

**May 2015**

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Please select the date from the popup calendar for both fields. Once selected just click on the Retrieve Dates button to retrieve your date range. (Screen shot not available)

Once the data is returned select the date information from the table. The data you selected will be returned to the composting data fields in which you can update the information.

Date:

Pre-Consumer Foods:

Post-Consumer Foods:

Amendment:

In Vessel:

Pile 1 Temp:

Pile 2 Temp:

Pile 3 Temp:

pH Level:

Update the information needing to be changes and click on the submit button.

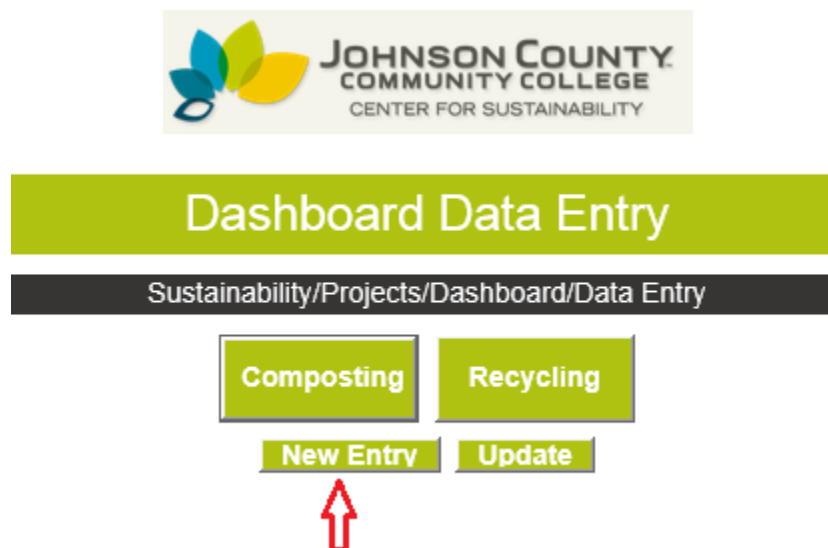
## 3.2.2 Data Entry: Recycling

### 3.2.1 Recycling: New Entry

When entering the website you will see four buttons are available to choose from. Select the Recycling button first to be able to enter recycling data.



After selecting Recycling select the new entry button.





After you have chosen one of these your data entry fields will generate below the buttons.  
As shown:

Composting

Recycling

New Entry

Update

Pickup Date

Location:  ?

Classification:  e-waste

Material:  #2 Copper

Vendor:  Advantage Metal

Submit

Cancel

Enter in all fields available depending on the information you have available. All data does not have to be entered to be able to submit the data.

After entering in all the data you have press the Submit button at the bottom.

Pile 3 Temp:

pH Level:

Submit

Cancel



The data entered will be added to the database after submission. To cancel or clear out all data fields just click on the cancel button next to the submit button.


Pile 3 Temp:

pH Level:




### 3.2.1.2 Recycling: Update Entry

To update data that has already been entered into the database click on the update button under the Composting and Recycling buttons.



**Dashboard Data Entry**

Sustainability/Projects/Dashboard/Data Entry



After clicking on the update button the screen will show two date fields to select the date range you would like to search through for the date you want to update.

Enter first Date:  Enter last Date:

**May 2015**

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Please select the date from the popup calendar for both fields. Once selected just click on the Retrieve Dates button to retrieve your date range. (Screen shot not available)

Once the data is returned select the date information from the table. The data you selected will be returned to the composting data fields in which you can update the information.

<b>Composting</b>	<b>Recycling</b>
<b>New Entry</b>	<b>Update</b>
Pickup Date	05/12/2015
Location:	Campus
Classification:	Metal
Material:	Aluminum Litho
Vendor:	JCCC
Qty:	300
Revenue:	1200
Weight lb:	50
Stated Rebate:	1300
Haul/Tip fee:	50
Payment:	600
Vendor Ticket#:	061811691
JCCC Receipt#:	0555614
Receipt date:	06/18/2015
Notes:	bb
<b>Submit</b>	<b>Cancel</b>

Update the information needing to be changes and click on the submit button.