



Environmental Impact Report



For the Filta Services provided for
CLAFLIN UNIVERSITY

CLAFLIN UNIVERSITY 300
MAGNOLIA, ORANGEBURG, SC 29115

For the period
03/01/2017 -
03/31/2017

Pounds of Oil Saved with
FiltaFry Service

600 pounds

Pounds of Waste Oil collected
& recycled with FiltaBio Service

475 pounds



RED CLEAN FRYER

Frying Green

CLEAN FRYER






OIL SAVINGS

<i>Pounds of Oil Saved</i>	600
<i>Gallons of Oil Saved</i>	80
<i># of 35 pound Jugs</i>	17






From farming and processing the crop, to packaging and shipping the oil, the environmental impact of getting oil into your fryers is astonishing.

Shown Below, you'll see the reduced environmental impact due to the oil savings from using the Filtafry service.

Farming & Processing Savings

	<i>Land</i>	1.1 acres
	<i>Water</i>	0.8 million gallons
	<i>Pesticides</i>	1.3 lbs
	<i>Fertilizer</i>	48.0 lbs
	<i>Lime</i>	409.1 lbs

Farming & Processing Energy Savings

	<i>Diesel</i>	4.6 gallons
	<i>Gasoline</i>	1.4 gallons
	<i>Electricity</i>	7.6 kWh
	<i>Propane</i>	0.8 gallons
	<i>Natural Gas</i>	66.8 cubic ft

Packaging & Transport Savings

	<i>Plastic</i>	20.6 lbs
	<i>Cardboard</i>	13.7 lbs
	<i>Diesel</i>	12.9 gallons

Carbon Offset

	<i>From Fuel</i>	384.2 lbs
	<i>Like Planting</i>	19 trees





filtabio



Waste Oil Collected & Converted to Biodiesel

Pounds of Oil Collected **475**

Gallons of Oil Collected **63**

No More Waste Oil Bins... Great!

But what effect does recycling your oil into Biodiesel, using Filta, have on the environment? See below how the chemicals are reduced.

Reduced



Benefits of Replacing Diesel with Biodiesel



PM

Particulate Matter

Soot, Carcinogen

0.3 lbs



HC

Hydro Carbon

Soot

0.4 lbs



CO

Carbon Monoxide

Green House Gas

3.5 lbs



SO²

Sulfur Dioxide

Asthmatic, Smog Producer, Acid Rain

0.3 lbs



CO²

Carbon Dioxide

Green House Gas

1,288.8 lbs

Carbon Offset

YOUR CO² SAVINGS IS LIKE PLANTING...

64 trees





ECO-AWARD

For Environmental Excellence. Awarded to

CLAFLIN UNIVERSITY

Between 03/01/2017 - 03/31/2017 reduced cooking oil usage led to



**PACKAGING
SAVINGS**

34 LBS



**GREEN HOUSE GASES
REDUCED**

1,677 LBS



**FERTILIZER &
PESTICIDES REDUCED**

49 LBS



**LIKE
PLANTING**

84 TREES