



# Environmental Impact Report



For the Filta Services provided for  
**Montclair State University Student Center**

Montclair State University 1 Normal  
Ave., Montclair, NJ 07043

For the period  
**3/25/2019 -  
5/1/2019**

Pounds of Oil Saved with  
FiltaFry Service

**1,310 pounds**

Pounds of Waste Oil collected  
& recycled with FiltaBio Service

**3,040 pounds**





RED CLEAN FRYER

Frying Green

CLEAN FRYER






OIL SAVINGS

<i>Pounds of Oil Saved</i>	<b>1,310</b>
<i>Gallons of Oil Saved</i>	<b>175</b>
<i># of 35 pound Jugs</i>	<b>37</b>






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>	<b>2.5</b> acres
	<i>Water</i>	<b>1.8</b> million gallons
	<i>Pesticides</i>	<b>2.8</b> lbs
	<i>Fertilizer</i>	<b>104.8</b> lbs
	<i>Lime</i>	<b>893.2</b> lbs

Farming & Processing Energy Savings

	<i>Diesel</i>	<b>10.0</b> gallons
	<i>Gasoline</i>	<b>3.1</b> gallons
	<i>Electricity</i>	<b>16.5</b> kWh
	<i>Propane</i>	<b>1.8</b> gallons
	<i>Natural Gas</i>	<b>145.8</b> cubic ft

Packaging & Transport Savings

	<i>Plastic</i>	<b>44.9</b> lbs
	<i>Cardboard</i>	<b>29.9</b> lbs
	<i>Diesel</i>	<b>28.1</b> gallons

Carbon Offset

	<i>From Fuel</i>	<b>838.9</b> lbs
	<i>Like Planting</i>	<b>42</b> trees







# filtabio



## Waste Oil Collected & Converted to Biodiesel

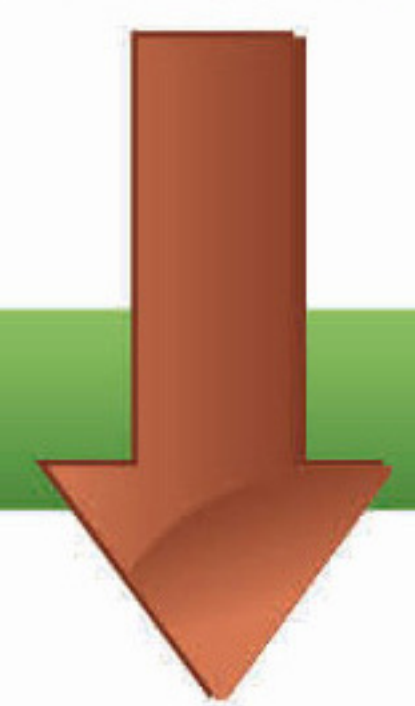
**Pounds of Oil Collected** 3,040

**Gallons of Oil Collected** 405

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

2.0 lbs



**HC**

Hydro Carbon

Soot

2.3 lbs



**CO**

Carbon Monoxide

Green House Gas

22.5 lbs



**SO<sup>2</sup>**

Sulfur Dioxide

Asthmatic, Smog Producer, Acid Rain

1.8 lbs



**CO<sup>2</sup>**

Carbon Dioxide

Green House Gas

8,248.5 lbs

## Carbon Offset

**YOUR CO<sup>2</sup> SAVINGS IS LIKE PLANTING...**

**412 trees**







# ECO-AWARD

For Environmental Excellence. Awarded to

Montclair State University Student Center

Between 3/25/2019 - 5/1/2019      reduced cooking oil usage led to



**PACKAGING  
SAVINGS**

75 LBS



**GREEN HOUSE GASES  
REDUCED**

9,110 LBS



**FERTILIZER &  
PESTICIDES REDUCED**

108 LBS



**LIKE  
PLANTING**

454 TREES