



Environmental Impact Report



For the Filta Services provided for
Montclair State University Rathskeller

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

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

Pounds of Oil Saved with
FiltaFry Service

880 pounds

Pounds of Waste Oil collected
& recycled with FiltaBio Service

1,200 pounds



RED CLEAN FRYER

Frying Green

CLEAN FRYER






OIL SAVINGS

<i>Pounds of Oil Saved</i>	880
<i>Gallons of Oil Saved</i>	117
<i># of 35 pound Jugs</i>	25






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>	1.7 acres
	<i>Water</i>	1.2 million gallons
	<i>Pesticides</i>	1.9 lbs
	<i>Fertilizer</i>	70.4 lbs
	<i>Lime</i>	600.0 lbs

Farming & Processing Energy Savings

	<i>Diesel</i>	6.7 gallons
	<i>Gasoline</i>	2.1 gallons
	<i>Electricity</i>	11.1 kWh
	<i>Propane</i>	1.2 gallons
	<i>Natural Gas</i>	97.9 cubic ft

Packaging & Transport Savings

	<i>Plastic</i>	30.2 lbs
	<i>Cardboard</i>	20.1 lbs
	<i>Diesel</i>	18.9 gallons

Carbon Offset

	<i>From Fuel</i>	563.6 lbs
	<i>Like Planting</i>	28 trees





filtabio



Waste Oil Collected & Converted to Biodiesel

Pounds of Oil Collected 1,200

Gallons of Oil Collected 160

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

0.8 lbs



HC

Hydro Carbon

Soot

0.9 lbs



CO

Carbon Monoxide

Green House Gas

8.9 lbs



SO²

Sulfur Dioxide

Asthmatic, Smog Producer, Acid Rain

0.7 lbs



CO²

Carbon Dioxide

Green House Gas

3,256.0 lbs

Carbon Offset

YOUR CO² SAVINGS IS LIKE PLANTING...

163 trees





ECO-AWARD

For Environmental Excellence. Awarded to

Montclair State University Rathskeller

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



**PACKAGING
SAVINGS**

50 LBS



**GREEN HOUSE GASES
REDUCED**

3,828 LBS



**FERTILIZER &
PESTICIDES REDUCED**

72 LBS



**LIKE
PLANTING**

191 TREES