



# Environmental Impact Report



For the Filta Services provided for

**Montclair State University Freeman**

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

**150 pounds**

Pounds of Waste Oil collected  
& recycled with FiltaBio Service

**600 pounds**





RED CLEAN FRYER

Frying Green

CLEAN FRYER




OIL SAVINGS

|                             |            |
|-----------------------------|------------|
| <i>Pounds of Oil Saved</i>  | <b>150</b> |
| <i>Gallons of Oil Saved</i> | <b>20</b>  |
| <i># of 35 pound Jugs</i>   | <b>4</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>0.3</b> acres           |
|  | <i>Water</i>      | <b>0.2</b> million gallons |
|  | <i>Pesticides</i> | <b>0.3</b> lbs             |
|  | <i>Fertilizer</i> | <b>12.0</b> lbs            |
|  | <i>Lime</i>       | <b>102.3</b> lbs           |

Farming & Processing Energy Savings

|   |                    |                      |
|---|--------------------|----------------------|
|  | <i>Diesel</i>      | <b>1.1</b> gallons   |
|  | <i>Gasoline</i>    | <b>0.4</b> gallons   |
|  | <i>Electricity</i> | <b>1.9</b> kWh       |
|  | <i>Propane</i>     | <b>0.2</b> gallons   |
|  | <i>Natural Gas</i> | <b>16.7</b> cubic ft |

Packaging & Transport Savings

|   |                  |                    |
|---|------------------|--------------------|
|  | <i>Plastic</i>   | <b>5.1</b> lbs     |
|  | <i>Cardboard</i> | <b>3.4</b> lbs     |
|  | <i>Diesel</i>    | <b>3.2</b> gallons |

Carbon Offset

|   |                      |                 |
|---|----------------------|-----------------|
|  | <i>From Fuel</i>     | <b>96.1</b> lbs |
|  | <i>Like Planting</i> | <b>5</b> trees  |







# filtabio



## Waste Oil Collected & Converted to Biodiesel

*Pounds of Oil Collected* **600**

*Gallons of Oil Collected* **80**

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*

**0.4 lbs**



**HC**

*Hydro Carbon*

*Soot*

**0.5 lbs**



**CO**

*Carbon Monoxide*

*Green House Gas*

**4.5 lbs**



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

*Sulfur Dioxide*

*Asthmatic, Smog Producer, Acid Rain*

**0.4 lbs**



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

*Carbon Dioxide*

*Green House Gas*

**1,628.0 lbs**

## Carbon Offset

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

**81 trees**







# ECO-AWARD

For Environmental Excellence. Awarded to

**Montclair State University Freeman**

**Between 3/25/2019 - 5/1/2019**

**reduced cooking oil usage led to**



**PACKAGING  
SAVINGS**

**9 LBS**



**GREEN HOUSE GASES  
REDUCED**

**1,729 LBS**



**FERTILIZER &  
PESTICIDES REDUCED**

**12 LBS**



**LIKE  
PLANTING**

**86 TREES**