

## 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

# Ofiltafry



OIL SAVINGS

| Pounds of Oil Saved  | 880 |
|----------------------|-----|
| Gallons of Oil Saved | 117 |
| # of 35 pound Jugs   | 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

| Land | acres |
|------|-------|

| Water | 1.2 million |
|-------|-------------|
|       | ganon       |

| Pesticides | 1.9 lbs |
|------------|---------|
|            | 103     |

| Fertilizer | 70 /     |
|------------|----------|
| rerunzer   | 70.4 lbs |



### Farming & Processing Energy Savings

|  | Diesel | 6.7 gallons |
|--|--------|-------------|
|--|--------|-------------|

| allons | 2.1 gall | Gasoline |                   |
|--------|----------|----------|-------------------|
| 7      | 2.1 ga   | Gasoline | (( <b>[</b> b] )) |

| (H) | Electricity | 11.1 kWh |  |
|-----|-------------|----------|--|
|     | Electricity | 1 kWh    |  |

| Propane        | 1.2 gallons |
|----------------|-------------|
| <br>********** |             |

| Natural Gas | 97.9 | cubic ft |
|-------------|------|----------|
| Natural Gas | 97.9 | cubic ft |

### Packaging & Transport Savings

| Plastic | 30.2 lbs |
|---------|----------|
| <br>    |          |
|         |          |

| Cardboard | 20.1 lbs |  |
|-----------|----------|--|
|           |          |  |

| Diesel | 18.9 gallons |
|--------|--------------|
| <br>   |              |
|        |              |

#### Carbon Offset

| (co. | From Fuel | 563.6 lbs |
|------|-----------|-----------|
|      |           | *******   |







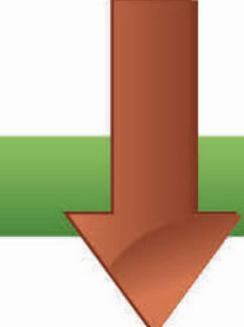
#### Waste Oil Collected & Converted to Biodiesel

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 |
|----------|--------------------|------------------|---------|
| ******** |                    | *************    |         |

0.9 lbs Hydro Carbon Soot

8.9 lbs Carbon Monoxide Green House Gas

Sulfur Dioxide Asthmatic, Smog Producer, Acid Rain

3,256.0 lbs Carbon Dioxide Green House Gas

#### Carbon Offset

YOUR CO2 SAVINGS IS LIKE PLANTING...

163 trees

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For Environmental Excellence. Awarded t

Montclair State University Rathskeller

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

reduced cooking oil usage led to



REDUGED GASES

NGS

**50 LBS** 

3,828 LBS



PESTIGIDES REDUCE

72 LBS



191 TREES