



# PLASTICS RECYCLING

An Overview Of The Plastic  
Recycling Process



# Call Piranha For Pick Up

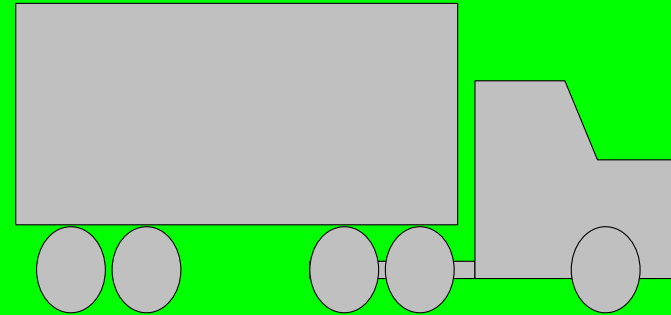
- A call made to our Logistics Department concerning Plastic Pick Ups would be processed and a quote given based on volume and plastic type.



**Call PIRANHA for Pick-Up**

# Plastic Transported To Piranha Facility

- Once a quote is given and agreed upon by both parties, Piranha International would determine the best solution for Pick Up and Transportation of Plastic Material to our warehouse. There it stays while it awaits further processing.



**Pick-Up Process**

# Plastic Sorted And Inspected

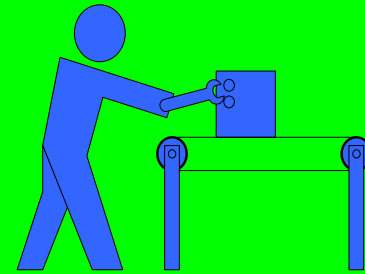
- At this stage the Plastic is sorted and divided into different categories such as Plastic type and colour. It is also cleaned and any impurities and foreign matter removed.



Plastic is Inspected and Sorted

# Plastic is Processed

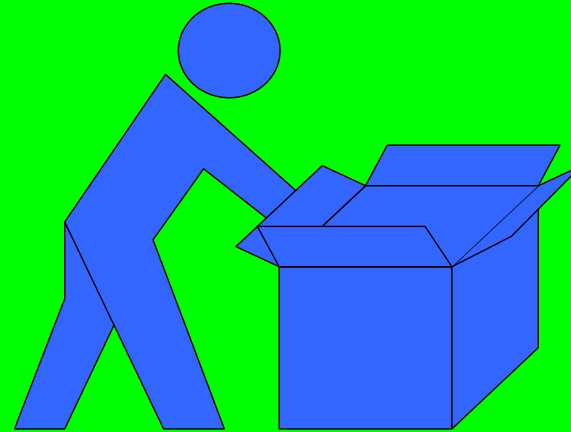
- At this stage, Plastic is washed with biodegradable soap and water, chopped into small pieces and packaged.
- This is done for the different types of Plastic, namely PET and HDPE. The Plastic is now converted into Plastic Grind



Plastic Material is chopped up into small pieces, washed with biodegradable soap and water.

# Shipping Processing

- The Plastic Grind is then processed for shipping to our Partner Facility by being packaged into Gaylord Boxes.
- Even at this stage Quality Control is carried out to ensure that the standard of the Plastic Grind meets world standards.



**Packed in Gaylord Boxes**

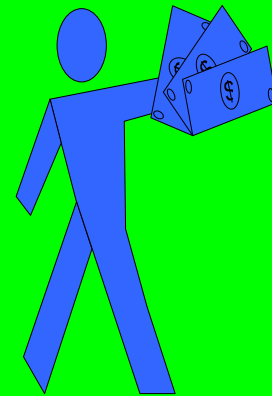
# End Results

- The exported Plastic Grind is used to make new Plastic products which are then sold on the world market.
- Some of the environmental benefits of recycling Plastic include reducing Carbon Dioxide emissions as well as Sulphur Dioxide. It also reduces energy consumption as it is cheaper to recycle Plastic than make new material.

# End Results

Some products that can be made from recycled Plastics include.

- Soft drink bottles
- Grocery bags.
- Plastic lumber
- Polyester fibers for clothing



**Plastic is made into new products which are resold on the open market**