

# Where Does My Recycling Go?



Batteries are sent to a smelting plant where they are melted down and the various metals are separated. The metals are used for **NEW BATTERIES**.

Paper products are recycled at mills where they are reduced to pulp and made into new **NEW PAPER** and **TISSUE PRODUCTS**.

Tetra Pack and Gable Top Containers are made of 75% paper. At the Encorp Recycling Mill they are placed in a large vat of water and agitated. As the cartons rub against each other the fibers are separated and dissolve in the water. The resulting paper pulp can be recycled into **PAPER** and **TISSUE PRODUCTS**.

**Tetra Pack & Gable Top Containers**

**Rigid Plastic**

**Styrofoam**

**Soft Plastic**

**Laminates & Foil Lined Bags**

Laminates take 100s of years to degrade in a landfill. To prevent disposal into a landfill WCS recovers resources from laminates through two different options. Depending on local market economics, laminates are either used as an additive in the cement manufacturing process or sent to Covanta's Waste-to-Energy Facility and used to create **ELECTRICITY**.

Rigid Plastics take more than 1000 years to biodegrade. The plastic we collect is made into **NEW PLASTIC** by downstream processors. The plastic is compacted and sent to partners such as Westcoast Plastics, Urban Impact, or Merlin Plastics. It is then shredded and pelletized and made into things like carpets, jackets, pipes, and garden pots.

Styrofoam has an extremely long life and takes up a huge amount of space in landfills, it is also known to end up in waterways and oceans. Here at WCS Recycling we heat it, and compress it down into dense blocks. The compressed blocks are then sent to downstream partners, such as Westcoast Plastics, where it becomes feed stock that is used to make new items such as **CROWN MOLDINGS, BASEBOARDS, PICTURE FRAMES, FLOWER POTS, PARK BENCHES** and **CLOTHES HANGERS**.

Soft Plastic has an incredibly long life, and much of it eventually ends up in our oceans, impacting animals and plants. However they can be recycled. Our soft plastics are condensed and sent to processors such as Westcoast Plastics where they are made into **NEW PLASTIC BAGS**.