



## CORPORATE SUSTAINABILITY PROFILE

Andros Foods North America recognizes the responsibilities associated with the operations at a facility of our size. We strive to protect the natural treasures found in the Shenandoah Valley through effective environmental initiatives such as waste reduction, recycling and sustainable ingredient sourcing. Andros has carried out these initiatives for several years and will continue to improve our processes to ensure we meet the needs of our customers while decreasing our impact on the environment. Andros also holds the local community of Mt. Jackson and the Shenandoah Valley in high regard and has committed itself to ensuring the longevity of these communities. Read on to see a few of the ways that Andros helps to do our part in operating responsibly.

### Recycling:

Andros Foods utilizes a facility wide recycling program that focuses on the reduction of waste sent to landfill. This program involves segregation and processing each material according to its final destination within our facility. Some examples of our recycling program include:

- PET Bottles
- PET green strapping
- Steel Drums
- Pallets
- Food Grade Barrels/ Buckets
- Stretch Film
- Cardboard

Andros Foods recycles approximately 50 tons of PET plastic per year. This plastic is the waste from our juice lines where “dud” or improperly filled bottles along with bottles that are not usable for some reason are rejected and sent to collection hoppers. This plastic is baled and sent to recyclers who process it for use in other plastic goods. One ton of recycled plastic saves 5,774 Kwh of energy, 16.3 barrels of oil, 98 million Btu's of energy, and 30 cubic yards of landfill space.





Corrugated cardboard is a major source of waste for Andros, we receive hundreds of boxes daily containing packaging material and ingredients. To limit the amount of landfill space required to handle this product, Andros has partnered with a local recycler to bail and then sell waste cardboard. Andros recycles approximately 60 tons of cardboard per year which is processed and turned into other paper products. This recycling initiative alone can be attributed to saving upwards of 3.8 cubic yards of landfill space as well as 17 mature trees, 7,000 gallons of water, 2 barrels of oil, and 4000 kilowatt hours of electricity per ton. This is enough energy to power the average American home for 5 months



In addition to recycling these waste streams, Andros also sells used food grade drums and buckets to a recycler for secondary use in other industries.



Steel drums are used throughout our facility to supply ingredients to various mixing areas. These drums are cleaned and then processed via a drum crusher where the volume is reduced to 1/15<sup>th</sup> of the original size. These crushed barrels are then sent to a scrap recycler who further processes them. This process creates less waste from the Andros facility while supplying the metal industry with a cheaper recycled raw material. Recycled steel and other ferrous metals create a cheaper more efficient raw material that uses 74% less energy to process than virgin steel.



## Sustainability:

Andros utilizes wooden bin boxes that are repaired by in house employees on a seasonally basis. This provides not only for the employment of local residents but also wooden boxes are more sustainable when repaired as needed vs. plastic boxes created from fossil fuels. On average Andros retains boxes for about 25 years with several hundred boxes exceeding 35 years of use!



Food byproducts such as apple pumice and post brew tea leaves are made available to local farmers that utilize the material in feed and compost for agricultural operations. This reduces the amount of waste sent to landfill as well as increases the availability of nutritious food for local livestock.

## Universal Waste:

To maintain operation of our extensive truck fleet Andros utilizes an in house heavy duty repair facility staffed by mechanics who provide service ranging from oil and filter changes to engine overhauls and rebuilds. Waste streams from this facility include used oil, tires and antifreeze. Andros has contracted a licensed waste hauler to remove these hazardous waste and dispose of properly. Waste oil is sent to a buyer who uses it as heating in an approved furnace and tires are retreaded or shredded and used to make mulch.





## Boiler Fuels:

Within the last year Andros Foods has transitioned 2 boilers from burning # 6 fuel oil to burn propane. Propane fuel provides a CO<sub>2</sub> reduction of up to 24% in most industrial boilers. Propane is also considerably more environmentally friendly in regards to a spill or accidental release and will not contaminate water or have long lasting ecological effects.





## Waste Water:

Andros foods utilizes a private waste water treatment system that allows for the pretreatment of our waste water prior to discharge to the Town of Mount Jackson. This process is a operated by Andros employees and allows us to constantly monitor the quality of the water we produce from our facility as well as to ensure that the water we send to the town POTW is acceptable under permit regulations. Andros also maintains a Virginia Pollution Abatement permit that allows for land application of our pretreated water onto several fields. This creates a reduced quantity of water sent to the POTW as well as increases productivity of otherwise unused land by growing a corn crop.



## Community:

In addition to environmental initiatives Andros has contributed in other ways locally. To date in 2015 Andros has donated \$40,000 worth of product to local food banks to help ensure citizens of our community can have access to locally sourced nutritious food even when in times of need.

