



SAVE MONEY ON YOUR WASTE BILL EVERY MONTH

Food Waste Costs Are More Than Environmental

Americans [waste 96 BILLION](#) pounds of food every year or roughly 40% of what we prepare. Food disposal [costs the US about 1 billion dollars](#) annually and accounts for more than a quarter of our freshwater consumption at more than 300 million barrels annually. It is the third largest waste stream after paper and yard waste and is the single largest contributor to methane or green house gas production, which is 24 times more potent than CO₂. Unfortunately, the problem is getting worse, not better as the U.S. has increased the total volume of its food waste by 50% since 1974.

For commercial food preparers and servers, the problem is more than environmental. Waste dumping costs are increasing dramatically and are expected to rise as landfills close at a rate of 1 a day around the world. The escalating costs of doing business, fuel prices, new environmental regulations, population shifts, and other economic factors are pressuring trash haulers to start passing along costs and food preparers can expect to be some of the hardest hit since their waste is being specifically targeted by law-makers.

The EnviroPure™ Solution

The Mark-Costello Co. is proud to introduce EnviroPure™ Systems. These revolutionary food waste elimination systems are self-contained, continual feed, organic waste disposal machines designed to solve the environmental, operational and economic problems of dealing with food waste. EP systems fit seamlessly into any commercial or industrial kitchen operation allowing food waste to be biologically converted into a clean & expendable effluent water right into the sewer system using our wet system. Or reduced at a rate of 1000:1 or more into a nutrient rich compost with our dry system. The compost is usable in your landscaping or can be sold, donated or easily disposed of every 4 to 6 months, which saves you money all year long.

The patented technology maintains optimal temperatures and oxygen levels necessary to hyper-accelerate the natural aerobic decomposition process. Better than traditional “digesters” that use enzymes or potentially dangerous foreign bacteria, the secret to our system is the all natural plant based EP-BioMix formulation that provides the natural bacteria present in the food with critical nutrients required for rapid break down of food. The result is total elimination of food waste with NO odors, NO sludge build-up, no methane gases and NO system clean outs.

EP systems can handle virtually any kind of food waste including vegetables, fruits, meat, fish and poultry, dairy products, bones, shells and pits, with complete decomposition typically occurring within 24 hours!





Lower Weight = Lower Bill

When it comes to waste, organic waste is amongst the heaviest. That weight has a lot to do with the density of the natural material. Because most organic waste/food consist primarily of water it tends to be around twice as heavy as say the packaging material the food came in. (Water weighs approximately 8.3 lbs per gallon)

So, if your waste is composed of between 30% - 50% food or organic waste by volume, it could account for as much as 70% - 90% of the total weight of your trash.

If you take a look at your waste bill you will find that waste haulers charge you by two criteria, weight and frequency.

The EnviroPure™ System eliminates food waste at the source so your waste could see weight reductions of 50% to 70%. That means less hauling costs. Beyond that, by removing the food waste, haulers come less often reducing fuel surcharges, frequency charges, with less wear and tear on your property, less pollution, and a multitude of other benefits.

COMPACT, COMPOST or CONVERT

Compacting is a good, but organic waste is heavy, sticky, wet, smelly and corrosive inside a compactor. Extremely high acid foods and very wet foods can rust steel compactor containers or trash dumpsters at an accelerated rate with costs being passed on to the end user.

Composting is environmentally responsible, but who has the space and you are still left will a great big pile of smelly trash. It is labor intensive and some waste takes a long time to decompose like bones & shells or, without mechanical assistance, won't decompose at all. The fact is, most commercial food processors produce far too much waste to make composting work. Additionally, many cities will not allow composting where very wet waste is involved without providing landfill-like preparation such as liners and proper top cover. There is concern waste could leach into local water tables or get washed into watersheds during wind or rainstorms. It can also draw pests like rats, roaches, and disease carrying mosquitos and flies.

There is only one choice that saves money, time & the planet – EnviroPure™ Systems.



Wet & Dry System Technologies

EPW “**wet**” systems submersed decomposition produces gray water bi-product safe for disposal in municipal waste water systems

EPD “**dry**” systems substrate based decomposition achieves >1000:1 compression by weight producing nutrient rich compost bi-product

EPW & EPD systems both use EP-BioMix - all natural, non-

toxic, biodegradable additive (**not** bacteria, microbials or enzymes). BioMix accelerates decomposition process –

ENVIROPURE
SYSTEMS

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