






We currently process

EPS party ware such as cups, plates and "peanuts".	 PS
PET film.	 PETE
LDPE containers and packing material.	 LDPE

the kinds of plastic listed above.

**Bioremediation of Plastics**  
A Green Alternative To Plastic Waste Management

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# Bioremediation of Plastics

We are pleased to offer a new service for bioremediation of plastics. It takes hundreds of years to biodegrade most plastics thereby creating a burden on landfills. We offer this bioremediation service as an environment friendly alternative to waste disposal at a landfill site. Furthermore, because bioremediation has few moving parts, it is also a low-carbon footprint option.

Estimated energy consumption for bioremediation in KWh	
EPS cups (runtime ~40 days)	1.153
Waste PET (runtime ~ 90 days)	2.593
Grocery bags (runtime ~ 60 days)	1.728

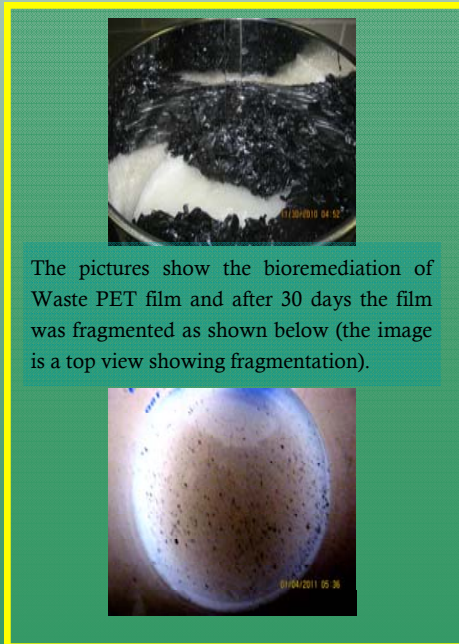
## Prices (in USD)\* per lb.

Polystyrene "peanuts"	\$5.00
Polystyrene party-ware	\$5.00
LDPE plastic such as industrial collapsible plastic containers	\$5.00
Grocery bags	\$5.00
Waste PET film	\$5.00

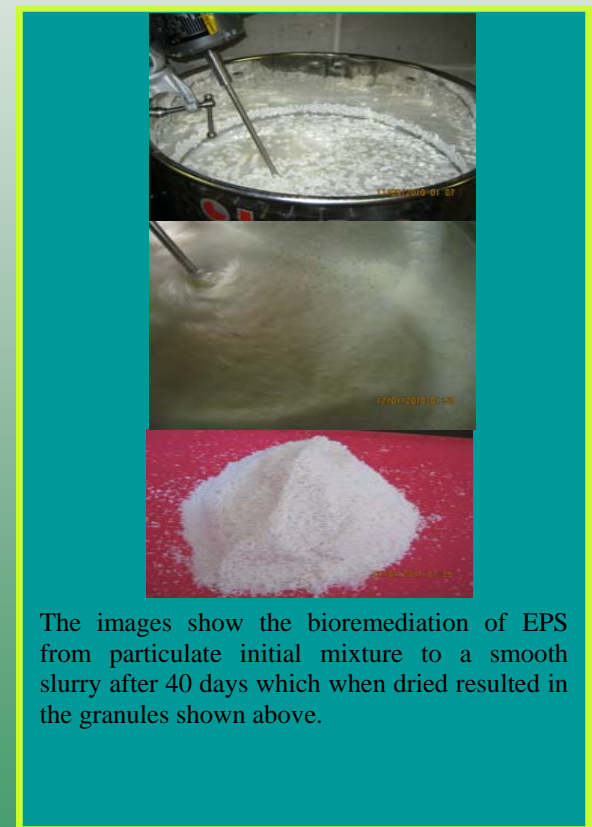
### Additional notes:

Please clean the EPS plastic containers before sending it to our facility. We are not equipped to handle organic waste.

\*Prices are subjected to change and the changes will be reflected on our website. In case of any discrepancy, the price on the website will be final.  
 \*\*Although we will take every effort in processing contaminated waste, we reserve the right to return any waste at shipper's expense.



The pictures show the bioremediation of Waste PET film and after 30 days the film was fragmented as shown below (the image is a top view showing fragmentation).



The images show the bioremediation of EPS from particulate initial mixture to a smooth slurry after 40 days which when dried resulted in the granules shown above.