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*Pioneering Oxo-biodegradable Plastic Technology*

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**Re: P-Life Claims Regarding ASTM D6954 Certification**

EPI understands that P-Life is making claims on its website that it has "*The First and Only ASTM D6954 Certified Oxo-Biodegradable Plastic Additive in the World.*" As the pioneer and world leader in oxo-biodegradable technology, EPI is particularly offended by this invalid and unsubstantiated declaration.

In fact, EPI was instrumental in the development and implementation of the landmark standard for oxo-biodegradable plastics: ASTM D6954 Standard Guide. It was also the first company to have its oxo-biodegradable additives tested and performance certified in accordance with the prescribed tests in ASTM D6954 which is now an industry norm and adopted by many countries which have endorsed oxo-biodegradable plastics technology in their legislation. EPI is also active in the development of a new British standard (BS8472) that is expected to be passed shortly.

P-Life has also stated that EPI's TDPA™ does not provide a controllable product life. This again is a gross falsification. EPI currently has more than 50 commercial additives, each designed to provide specific performance in terms of product life and degradation performance. EPI's current understanding is that P-Life has only a handful of additives to offer, so the question of controllable product life and overall credibility is more appropriate to consider with regards to P-Life additives.

The performance of P-Life additives is not well understood as they do not have a wide market acceptance, at this time. The ability to demonstrate biodegradability in accordance with ASTM D6954 is not in itself an indicator of actual performance in the real world, as the ASTM D6954 standard guide does not specify timeframes to achieve specific performance. The performance difference between P-Life products and TDPA™ can only be accessed through comparative testing, which EPI can run in their laboratory.

Plastic products incorporating EPI's Totally Degradable Plastics Additives (TDPA™) have been tested and validated by numerous independent scientific studies and sold in over 60 countries. Additionally, our technology is supported by a team of eminent scientists known as EPI's International Scientific Advisory Board who are experts in the field of biodegradation, Editor in Chief of "Polymer Degradation and Stability", authors of Polymer Science encyclopaedia and Biodegradable Polymers for industrial Applications and key members of ASTM and BS standards.

**About EPI**

Established in 1991 in Canada, EPI Environmental Technologies Inc. (EPI) with its UK subsidiary EPI (Europe) Ltd. (EPI) has become a world leader in the fight against plastic waste. EPI licenses proprietary technology that causes plastic to degrade. Plastic bags, plastic film, plastic packaging and

other single-use plastics can remain in the environment for decades. When these products are manufactured using EPI's additives, they will degrade and subsequently biodegrade when discarded in soil, in the presence of microorganisms, moisture, and oxygen.

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