

# Waste Not Technologies

- ❖ Industry: Plastics processing
- ❖ Location: Saylorsburg, PA
- ❖ Size: Very small
- ❖ Processes: Extrusion and Injection Molding
- ❖ Products: Post and rail fence
- ❖ History: Waste Not Technologies was formed in March 2008 for the purpose of developing the manufacturing methods for the production of post and rail fence made from recycled plastics. Product development work was begun in 1996 by Sund & Gorman Company, which owns the intellectual property and licenses it to Waste Not.

# Material & Process Improvements

- **Production/environmental challenge or issue:** The challenge was in finding recycled plastic with consistent physical property specifications. Originally recycled plastic feed stock was purchased from brokers. However, the material was inconsistent from lot to lot and often times within individual lots.
- **What you did about it:** Worked with ETAC to identify sources of recycled plastic which would have consistent physical properties. Initially we tried recycled oil containers. Although these provided the consistent properties, they were costly to clean. Next we tried recycled milk jugs. These also provided consistent properties, and the cost of cleaning was not prohibitive.
- **The results including actual savings, etc.:** We are in the process of installing a pilot plant for testing a washing and drying method for recycled milk jugs.