

**New York State  
Environmental Investment Program  
Capital Project Summary  
Saint Gobain Performance Plastics**

**Project Background**

Saint-Gobain Performance Plastics is a manufacturer of PVC and polyurethane foam products. The purpose of the project was to improve on the current technology that exists in the Granville NY plant. The Site has expanded products at a 300% increase. More efficient mixing and more precise measurement would significantly decrease cross contamination and reduce the amounts of scrap we currently incur with the larger product line. The technology we were interested in using has been used successfully in other sites.

**Project Description**

The project provides an impact on the products produced from start to finish. The first part of the project was to automate the raw material mixing area to reduce batch to batch variation and cross contamination of products. The next part of the project was to improve the flow control capability of one of the inline injected materials on a production line. This improvement allowed for an

accurately metered flow which results in a more consistent product at the end of the production line. This upgrade also allowed for a reduction in the use of this raw material. The third improvement was to install inline measurement equipment that could monitor the product real time and provide feedback to the operator on two coating lines. This allowed the operator to obtain real time information and make adjustments quicker to ensure the product is meeting specification. The final improvement was to replace the rewind section of a production line. The existing rewind section was worn and was one of the causes of product waste. By replacing the rewinder the cause of the waste was removed from the production line.

**Project Results**

The solid waste reduction goals were met. Waste has been reduced from 1095.5 tons per year by more than 8%.

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**Contractor:** Washington County LDC  
**County:** Washington  
**ESD Region:** Capital  
**ESD Contact:** 518/292-5340

**NYS EIP investment:** \$ 175,000  
**Contractor Match:** \$1,359,612  
**Total:** \$1,534,612  
**Completion Date:** Sept. 2013