

# Plastic Recycling Corporation of California (PRCC)

## Company Background

Plastic Recycling Corporation of California (PRCC) is committed to improving the quality of the environment and reducing solid waste through the recycling of PET soft drink bottles. PRCC proposed to build on the success of its 2007 Market Development Grant by purchasing and installing an additional 12 Twister 20 High Compression Plastic Reduction Systems (Twisters coupled with REM blowers) at buy-back locations throughout California. We will concentrate on the area within a 200-mile radius of Modesto, CA in order to ship to the P.E.T. LLC plant and realize the efficiencies of not having to bale and de-bale the PET. PRCC staff identified 15 potential installation sites.



## Goals

- Reduce the cost of collection, handling and processing and increase efficiencies;
- Improve the quality of CRV PET feedstock;
- Reduce fuel consumption, thereby decreasing air pollution and greenhouse gases;
- Reduce the opportunity for CRV system fraud; and
- Encourage the use of recycled PET (RPET) by in-state reclaimers.

## Accomplishments

- Reduced the cost of collection, handling and processing and increase efficiencies;
- Improved the quality of CRV PET feedstock;
- Reduced fuel consumption, thereby decreasing air pollution and greenhouse gases;
- Reduced the opportunity for CRV system fraud; and
- Encouraged the use of recycled PET (RPET) by in-state reclaimers.

## **Challenges**

Challenges faced by PRCC during this grant included three of the original sites fell through. One was due to landlord issues, one due to space constraints, and the third requested a conveyor and blower which was not a part of the original agreement. Another challenge occurred when one of the units had to be moved after the first round of installation because the original location had its license revoked. This ended up being for the best, because the alternate location was much better suited to this grant project.

### **Grant Type**

Collection and/or processing

### **Year Awarded**

2008

### **Funding**

\$532,878.68- Grant Funds

\$70,500.00- Matching Funds

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\$603,378.68- Total Grant Funds

### **Project Length**

Three years

### **Contact**

Patricia Moore, Executive Director

(707)935-1997 ext. 14

Plastic Recycling Corporation of  
California

PO Box 1327

Sonoma, CA 95476

### **Grant Manager**

Vicky Castle

(916) 445-0680

[Vicky.Castle@CalRecycle.ca.gov](mailto:Vicky.Castle@CalRecycle.ca.gov)

## **Lessons Learned and Recommendations**

- Having an understanding of the size of the site necessary to accommodate equipment being installed is crucial to a project like this.
- A full understanding of the power requirements needed for the Twister unit and other equipment is critical.
- Sourcing local service and installation support are key to success as well.
- Making sure the recycling center understands the extent of equipment it will receive is important.

