

### Native Village of Eyak

The Native Village of Eyak (NVE) established a plastics recycling program in Cordova for #1 and #2 plastics. They purchased conex boxes to collect and store the plastics and had them fitted for transportation to the baler by Cordova's hook truck.



*Bottles collected for recycling by the Native Village of Eyak..*

NVE also purchased bins for in-home separation of recyclables and brochures to promote the enhanced recycling program. NVE has already collected nearly 900 cubic feet of loose plastics in the months since receiving the conex boxes.

Founded in 1965, the Rural Alaska Community Action Program (RurAL CAP) is a private, state-wide, nonprofit organization whose mission is to improve the quality of life for low-income Alaskans.



**For more information,  
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### EPA/RurAL CAP

**Community  
Environmental  
Demonstration  
Projects**

**2009 Success  
Stories**



## **EPA/RurAL CAP Community Environmental Demonstration Projects**

### **2009 Success Stories**

Thanks to a partnership with the EPA, RurAL CAP engages approximately five rural Alaskan communities each year in one time, "demonstration" projects which improve environmental and solid waste conditions. Sub-awards in 2009 ranged between \$5,000 - \$30,000 per project.



*Igiugig Chicken Coop*

### **Igiugig Tribal Village Council**

Igiugig's Tribal Council purchased a baler to produce heat for a chicken coop and greenhouse in the community. The baler is fueled by waste paper diverted from the dump site. The chicken coop provides free eggs year-round for elders, and eggs for purchase/free for other community residents. The tribal council is also constructing a large greenhouse that will also be heated by the paper waste — where potatoes and other vegetables will be grown. Along with the baler, Igiugig purchased conex boxes to store e-waste and hazardous materials until they could be backhauled out of the community.

### **Petersburg Indian Association**

Petersburg created an innovative composting project to minimize the amount of food waste to be backhauled out of the community. Using worms to break down the waste, Petersburg was able to create nearly 150 pounds of compost and eliminated almost 250 pounds of food from the waste-stream. One lesson learned from this project was to keep the food waste in circular bins. When in bins with corners, the food waste would decompose before the worms reached the corners. The bins were placed at the school to transform the large amount of food waste into useful compost for community gardening projects, and it saved on backhaul costs for Petersburg.



*Petersburg Composting*

### **Tetlin Environmental Program**

The Tetlin Environmental Program created a recycling education program with a recycling center in the community. The Tetlin Village Council donated a building, which was renovated to become a storage center for recyclables and hazardous waste like lead acid batteries. Tetlin held numerous educational outreach meetings and distributed can crushers to each household along with collection bins to sort the recyclables. In addition, Tetlin collected

nearly 100 lead acid batteries that will be backhauled in fish totes provided by this sub-award.



*Pulling the briquette  
press across the river  
ice to Napaimute*

### **Native Village of Napaimute**

The Native Village of Napaimute purchased equipment to begin a briquette-making process with waste wood in and around the community. Napaimute cleared 40,000 square feet of waste wood that also served as a potential fire hazard for residents in the area. They purchased a briquette press, a wood chipper, and a generator to break the wood down into small enough pieces and then press them into a usable source of heat. Due to problems shipping by the vendor in California, the equipment did not reach Napaimute in time for the 2009 barge season. However, the briquette press was moved over the frozen river ice after abnormal weather in December allowed travel on the river via automobile (as pictured above).