

## **APPENDIX E – IDENTIFIED OFFSET PROJECTS**

### **CNG CLEAN FUEL VEHICLES**

VTC will conduct the following research and development demonstration project using alternative fuel and new emission control technology in diesel vehicles.

This project would include development, procurement, and delivery of approximately 40 CNG-fueled vehicles in the U.S. except California, and an additional number of vehicles in California.

The vehicles would be powered by Volvo 9.6 liter engines, converted to enable "lean burn" CNG operation. They would also be equipped with reduction catalysts.

The vehicles, used in regional delivery operations, would be placed in suitable fleets in any area of the U.S.

Projected environmental goals:

NO<sub>x</sub> emissions of 1.5 gm/bhp-hr  
PM emissions of < 0.05 gm/bhp-hr  
Low noise levels

Project details:

Total cost: \$3,100,000 for the non-California program  
and \$1,200,000 for California program  
Date of project start: 8/1/99  
Estimated project duration: 5 years

### **IN-USE TESTING**

VTC shall augment by \$200,000 the amount it is obligated to spend on the In-Use Testing Program set forth in Section VIII.B of the Consent Decree. This shall be in addition to the amount it has otherwise agreed to spend under Paragraph 38 of this Consent Decree.