

Ultra-Low Sulfur Diesel

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INTRODUCTION

According to the U.S. Environmental Protection Agency (EPA), pollution from existing diesel trucks and buses can be reduced significantly by using Ultra-Low Sulfur Diesel (ULSD) fuel in combination with "emission particulate traps." This combination can reduce the emission of particulate combustion by-products by as much as 90 percent below the levels of typical diesel fuel. ULSD contains no more than 15 parts per million of sulfur, much lower than the 500 parts per million that can be found in typical diesel fuels. Regulations of the EPA require that ULSD be available nationwide beginning in 2006, but King County agencies began working to reduce sulfur emissions through conversion to ULSD fuels ahead of the deadline in accordance with King County's Clean Air Initiative.

USAGE HISTORY

In 2002, five years ahead of the EPA requirement, known as the "2007 Highway Rule", King County began purchasing ultra-low sulfur diesel (ULSD) fuel. The fuel switch, along with the addition of diesel particulate filters, reduced particulate emissions by 90 percent. ULSD has the same energy and performance characteristics as standard diesel, so its use does not affect engine performance or warranties. In 2010, Metro Transit, Fleet and Solid Waste Divisions purchased 13 million gallons of ULSD fuel.

BID AND CONTRACT SPECIFICATIONS

King County

King County now uses the State of Washington's contract for ULSD and biodiesel.

This contract is intended to satisfy the on-going replenishment of state's network of gasoline, heating oil, and diesel (including biodiesel) fuel storage tanks.

State of Washington Contract

Excerpts of contract (Link to [full text of contract.](#))

FOR MORE INFORMATION

VENDOR INFORMATION

King County's current supplier (2011):

[Associated Petroleum](#) (800) 929-5243 (keep full and will call) supplies the following products:

- [ConocoPhillips](#) - ULSD product
- [World Energy](#) - Biodiesel product (B100) – ASTM D6751

[PetroCard](#) – bulk

- [ConocoPhillips](#) products