

Camden Council Biodiesel Alternative Fuel Trial

Camden Council has been successful in winning a grant from the NSW Government Environmental Trust to fund a Local Air Improvement Project in the Camden Local Government Area.

The project, known as the “**Biodiesel Truck Trial: Biodiesel As An Alternative Fuel to Improve Local Air Quality**” has been developed to trial the use of an alternative fuel known as Biodiesel and to compare the results of exhaust emissions tests taken from a vehicle operating exclusively on Biodiesel (B100) to those of an equivalent vehicle operating exclusively on standard petro-diesel (Ultra Low Sulphur Diesel).

Two vehicles from Council's waste fleet have been selected for the trial as the nature of the work and the similarity of the vehicles permits ready comparison of the testing results. It is important that as many variables as possible are eliminated from the trial equipment and operating field to ensure opportunities for potential error are minimised.

The trial will run for approximately six (6) months from September 2003 to March 2004. In that time the vehicles will be monitored for a range of indicators and emissions testing will be carried out.

The Bio-diesel Fuel Trial is a partnership headed by Council and partnered by

australian biodiesel consultancy
Pacific Air and Environment
Cummins
Tri-City Trucks (NSW) P/L
Gilbarco Australia Limited
RTA

While a considerable amount of research has been undertaken overseas in relation to Biodiesel – Biodiesel is already being well used in Europe and the USA - this project partnership is a first for Australia bringing together a wealth of Australian technical expertise and permitting a far greater degree of scientific rigour and validity than would have been available individually. It has also encouraged and supported the inclusion of Australian research and development opportunities for project partners and enabled the testing of the fuel under Australian conditions.

The results of the trial will be reported to the NSW EPA on completion and should be available to the public in the latter half of 2004.

Link sites for more detailed information about Biodiesel :

www.biodiesel.org.au
www.biodieselassociation.org.au