



ABC ENVIRONNEMENT

Natural Gas Fleet Profile - CNG Vacuum Trucks

RESPECTING CLIENTS AND COMMUNITIES

Since 1967, ABC Environnement (ABC) has been cleaning, draining, and decontaminating waste water treatment facilities in Quebec in the regions of Lanaudière, the Laurentians, Laval, and Montreal. Recycling, reclamation, and respect for the environment have always been top of mind for ABC in the communities in which it operates.

To improve the service it offers to its customers and to act on its corporate values, ABC has transitioned to compressed natural gas (CNG) for twelve of its 22 fleet vehicles in order to use a cleaner source of energy compared to diesel.

CNG - CLEANER AND MORE ECONOMICAL

In early 2013, ABC acquired nine factory-built Kenworth T440 vacuum trucks that operate on CNG, as well as three utility vehicles that also use CNG. The company installed its own CNG station to supply its fleet, making ABC one of the

first companies in the Quebec market to use CNG as well as one of the first in North America to operate CNG vacuum trucks.

The shift to CNG has allowed ABC to reduce its environmental footprint. "Our natural gas vacuum and pressure trucks limit our environmental impact by reducing greenhouse gas emissions", explains Eugène David, President and owner of ABC Environnement.

ACHIEVING SUSTAINABILITY AND PROFITABILITY

With savings of \$0.45 per diesel litre equivalent for CNG compared to diesel, the move to a greener fuel has also significantly reduced the company's cost for its single largest operating expense - fuel.

Mr. David wanted the switch to CNG to be profitable with payback in as short a time as possible. In addition, to further increase the benefits for ABC, the company plans to open up its private station to other local fleets.

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ABC had the support of Gaz Métro, the largest natural gas distributor in Quebec, who is actively involved in developing the market for natural gas vehicles in the province. Thanks to incentive funding from the Province of Québec and the low price of natural gas, Mr. David should see a return on investment in just under 4 years.

ABC'S CNG FLEET

CNG Fleet	9 vacuum and 3 utility trucks
Truck Types	Kenworth T440 for vacuum trucks
Body	Juggler MC
Engine	Cummins Westport 9 litre ISL G
Vehicle Use	60,000 lbs GVWR
Vehicle Fuel Storage	340 diesel litre equivalent (DLE)
Refueling	Onsite station, Crabtree, QC
Station Owner	ABC
Dealer Support	Kenworth Montréal

A NETWORK OF PARTNERS

ABC's CNG vacuum trucks have comparable driving range and power, enabling the same operations as with traditional diesel trucks, hauling loads of up to 60,000 lbs.

When planning and installing the CNG refuelling station, the company was able to draw upon the expertise of Gaz Métro Transport Solutions (GMTS), a subsidiary of Gaz Métro, which specializes in designing and implementing natural gas stations for vehicles.

For ABC to be able to refuel vehicles in complete confidence, the company's drivers were trained by GMTS on refuelling vehicles with CNG. With several months of experience to date, the company's drivers are very satisfied with the vehicles' performance.

In addition to local dealership Kenworth Montréal, ABC's maintenance partners for the CNG trucks include Cummins Eastern Canada and Techno Diesel.

A CNG VISION

Mr. David believes in CNG. In fact, he pushed for a project kick off that involved enough vehicles to generate a return on investment as quickly as possible. He plans to install a second refuelling location at one of ABC's sites in Trois-Rivières, QC and acquire three new natural gas trucks to operate out of this site.

Based on his experience, Mr. David encourages fleets to show vision and enjoy the best of both worlds by choosing a cleaner fuel that also reduces operating costs.



ABC Environnement Fueling Station,
Crabtree, QC

To learn about using natural gas in your fleet, contact your local fleet [Outreach Hub](#) or call 1-844-242-8485.