



Markham's Clean Air Hybrid Refuse Collection Vehicle by FIBA Canning Inc.  
the cleanest, viable refuse collection vehicle in the world.  
(62,000 lbs. GVW - more details on reverse).

# Initial Comparison of the Natural Gas Powered Hybrid Recycling Truck as demonstrated in the Town of Markham<sup>1</sup>

## Environmental Benefits

- C Reduction of energy consumption utilizing B.T.U. measurement of at least 50%.
- C Reduces consumption of engine lubricants and filters by at least 90%.
- C *Virtually eliminates* toxic emissions harmful to human health.
- C *Virtually eliminates* harmful toxic and noise emissions to the ambient environment.
- C *Virtually eliminates carcinogenic Particulate Matter emissions.*
- C Reduces brake system wear by at least 80%.
- C Reduces engine wear by at least 75%.
- Reduces the damage to the environment caused by Greenhouse Gas emissions by at least 60%.
- Payload of 32,000 pounds (14,500 kgs.)
- One stop wet/dry collection.

## Economic Benefits

- C Reduces the cost of energy by at least 70%.
- C Reduces the cost of lubricants by 90%.
- C Reduces the cost of brake maintenance by at least 80%.
- C Reduces the cost of engine maintenance by at least 75%.
- C Reduces the costs due to tire wear by at least 20%.
- C Eliminates the costs associated with diesel refuse collection truck emissions to the local community.
- C Reduces the costs associated with global warming caused by Green House Gas emissions.
- C The first three axle refuse collection vehicle in the world (to the best of our knowledge) to be equipped to utilize two steering axles, achieving a lower cost of operation and improved productivity.

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The difference you make today counts in all our tomorrows.

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<sup>1</sup>As compared to a conventional oil powered refuse collection truck equipped with a Detroit Diesel non turbo naturally aspirated 6V71 engine.