

OHIO DEPARTMENT OF TRANSPORTATION



District 4, 2088 South Arlington Road, Akron, Ohio 44306

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John R. Kasich, Governor

Jerry Wray, Director

Anthony M. Urankar
District Deputy Director

June 14, 2011

Trans Bio Energy, LLC
201 North Cleveland-Massillon Rd.
Akron, OH 4333

RE: ODOT Heat Pump HP-31 & HP-32 Treatment with MaxR100

Pat,

Heat pump HP-31 and HP-32 in Building C of our district headquarters that were treated with MaxR100 on May 26, 2010 continue to run smoothly and efficiently after I installed the product in the unit over a year ago.

The heat pumps were original equipment installed in 1995 when the building was erected. During routine maintenance of the HVAC system in April 2010, unit HP-31 and HP-32 were identified as candidates for replacement. The age, lack of efficiency, and loud compressor noise made it apparent that the units were near the end of service life.

After I installed the MaxR100 product in the service ports, there was a noticeable decrease in compressor noise within a couple of hours. The in-line filters were changed two months after installation of the product and the units had a noticeable decrease in run-time.

We have been pleased with the results of the installation and postponed the replacement of HP-31 and HP-32 until there is a failure that would warrant new equipment. With the new EPA refrigerant requirements, this means that we can continue to service the existing units without extensive and expensive retrofits to the system.

Sincerely,

A handwritten signature in blue ink, appearing to read "Michael Faulhammer".

Michael Faulhammer
Air Quality Technician 2