

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

May 9, 2011

Patrick J. Neman
Chief Executive Officer
Trans Bio Energy, LLC
201 N. Cleveland-Massillon Rd.
Akron, OH 44333
Tel: (330) 665-3839

Dear Mr. Neman,

I wanted to take the opportunity to update you on the progress of the tests we conducted using the MaxR100™ product installed in several units of the district headquarters building HVAC system.

The compressor in heat pump HP-31 has had a noticeable reduction in vibration and noise since the installation of the MaxR100™ product on April 29, 2010. Our air quality technician conducted manual decibel readings of the unit with an EXTECH RS232 sound level meter to indicate an approximate 1.0dB reduction in compressor noise. More importantly, the compressor sounds balanced when operating even though the unit is 16 years old. To date, the unit continues to run smoothly and efficiently with only the regular preventative maintenance schedule prescribed by the manufacturer.

HP-32, the 16 year old sister unit to HP-31 which was also treated at the same time has performed equally as well. The use of MaxR100™ has restored both units operating efficiency and postponed replacement. Our agency has not only realized a savings in energy, but has also realized working capital by deferring investment in equipment replacement.

We have been very pleased with the continued energy efficiency of heat pump HP-9 and HP-18 post-test using the MaxR100™ product, as well as the operational efficiency of heat pumps HP-31 and HP-32 which cycle less frequently and run quieter since being treated.

Best regards,

A handwritten signature in black ink, appearing to read "Thomas Wathen".

Thomas Wathen, Building Construction Superintendant
Ohio Department of Transportation
District Four

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