



Samuel J. Alai, Mayor

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*Believe in
Broadview Heights*

Boston Road Pump Station

The Boston Road pump station, owned by the City of Broadview Heights, was designed and installed in 1995. The pump station was designed to service a potential of 5,000 residential units. Initially, only 500 residential units were served. As the rural parcels developed and the City grew, the pump station now services 3,000 residential units.

The maintenance issues with the pump station involved odor control and grease residue in the wet wells. Our initial maintenance program required wet well cleaning twice each year to remove the grease in addition to the introduction of chemicals into the wet well to control the odor.

The chemical drip system was inefficient and costly, and the wet well cleaning was less than acceptable.

I contacted Paul Zakriski, IMET Corporation, and he proposed a microbial system. The microbial system puts emphasis on reduction of odor and grease. The system is self-generating and continuously kept the wet well water at a more acceptable level of clarity.

In a short period of time, the odor complaints were lessened and there was no evidence of grease in the wet wells. The walls of the wet well are much cleaner, the cake layer is gone, and the clarity of the effluent has increased as a result of the units being placed in the pump station. The system works well in all weather conditions and seasons regardless of the temperature.

I feel this is a far better way to treat sewage and to keep both the wet wells and the force main free of substantial odor. Personnel of No Fault Technologies International have been regularly available during the whole process, from installation to maintenance and I'm very happy with their management and product.

Raymond E. Mack
Director of Public Service