The landfill in Morgantown, Pennsylvania elected to construct a new leachate treatment plant on their 652-acre site, estimated to cost about $10 million, in lieu of modernizing the township sewage treatment plant to treat its leachate at possibly double that figure.

A Dynatec membrane bioreactor process is used to treat 75,000 gallons per day of leachate and Dynatec is supplying the key MBR (Membrane Bioreactor) portions of that system. The Dynatec HiRate™ Membrane Bioreactor Ultrafiltration system is at the heart of the system.

The landfill is the largest of four in Berks County, PA and receives about 2,000 tons of trash a day, mainly from Philadelphia and New Jersey, and Berks, Chester and Montgomery counties.

The system processes high strength (COD) leachate with high NH₃-N and high TDS.