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Client: Hungerford & Terry, Inc.

**Water Filtration Treatment: GreensandPlus™ Is Selected for  
Improved Performance Over Manganese Greensand  
Available From Hungerford & Terry, Inc. at ACE '09 Booth #3444**

Clayton, NJ - Hungerford & Terry announces GreensandPlus™ is today the choice of customers for water filtration media versus manganese greensand, the forerunner of GreensandPlus.

The advanced GreensandPlus filter media has all the properties of the original manganese greensand with added flexibility to use any of several oxidants for media regeneration. Potassium permanganate is not required unless it is advantageous to use in the application.

Users report that GreensandPlus is a cost-efficient water treatment filtration media. It has 30% less backwash waste when compared to manganese dioxide ore (MnO<sub>2</sub>) products. The GreensandPlus process efficiently and economically removes iron, manganese, arsenic, radium and hydrogen sulfide in municipal, industrial and point-of-use filtration applications.

GreensandPlus can also be operated at high filter flux rates. It has been used successfully in municipal drinking water applications operating at 11 gpm/ft.<sup>2</sup> and has been pilot tested up to 12 gpm/ft.<sup>2</sup>. Due to the higher valance of the manganese dioxide coating, it has slightly more capacity than manganese greensand. This allows for longer filter runs between backwashes.

By manufacturing GreensandPlus to the same size, uniformity coefficient, density, weight, backwash and pressure drop curve as manganese greensand, it's an exact substitute for manganese greensand. In addition, GreensandPlus is more resistant to attrition from high differential pressure and works effectively in waters low in silica, dissolved solids or hardness. With water over 70 °F (21 °C), there is no degradation of the media.

GreensandPlus is not dependent on mining glauconite. This ensures shorter production time with streamlined manufacturing and reduced lead times.

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**Water Filtration Treatment: GreensandPlus™ {cont'd}**

In 2009, Hungerford & Terry, Inc. celebrates 100 years of water conditioning for a wide range of industrial, commercial and municipal operations throughout the world.

Since its inception in 1909, Hungerford & Terry has designed and manufactured thousands of systems that incorporate both conventional and unique water treatment technologies that include removal of iron, manganese, nitrate, arsenic, radium and hydrogen sulfides.

Today, Hungerford & Terry is a leading distributor of high-performance water filtration media, including GreensandPlus. Based in Clayton, NJ, USA, Hungerford & Terry has over 30 sales representative organizations throughout the United States, as well as representatives in Canada, Central America, Argentina, Chile, Ecuador, Mexico, Peru, Uruguay and Asia.

To obtain information on the radium removal process or nitrate, iron, manganese, arsenic and hydrogen sulfide removal, please contact Ken Sayell at Hungerford & Terry, Inc., 226 Atlantic Avenue, Clayton, NJ 08312-0650; Tel: 856-881-3200, ext. 114. Fax: 856-881-6859, email: [sales@hungerfordterry.com](mailto:sales@hungerfordterry.com). Visit our website: [www.hungerfordterry.com](http://www.hungerfordterry.com).

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