

**PRODUCT NEWS**

**Concrete Ecoflo® Septic System  
A successful installation in the State of New Jersey**

Recently approved in NJ State, the Ecoflo® Biofilter answers many of the concerns raised in onsite and decentralized wastewater treatment installations - treatment performance, low energy consumption, space required for the system, installation conformity according to local regulations and sensitive areas.

This first installation of Concrete Ecoflo® Biofilter (STB 650BR) in New Jersey has been declared a success by the designer, the installer and, most importantly, the customer. Designed by Douglas E. Fine, P.E. for ACT Engineers, Inc., and installed by JJ&B Services LLC, in conjunction with 911 Septic Pumping and Repair, Inc., this system is easy to install and provides treatment performance and high quality, as well as minimum operation and maintenance. The installation was performed in the presence of New Jersey's Department of Environmental Protection representatives.

**Ecoflo®**



**Challenge**

The homeowners needed to replace a failing septic system. The existing septic system was so bad they had to wash dishes in a tub on the back porch, fearful of another backup of sewage into the dwelling. Not only that they needed a new system, they did not want an unsightly mound that many neighbouring properties had installed. Full enjoyment of their property was very important.

The homeowner's son, a member of a local Board of Health, had previously met with engineer Doug Fine, who had used Ecoflo® Biofilters to solve septic system issues before. He therefore recommended that his own parents solve their septic issue with an Ecoflo® Biofilter designed by Mr. Fine.

Because of the high treatment performance associated with the Ecoflo® Biofilter,, Douglas E. Fine was able to reduce the height of the disposal field so that there was no mound. The design called for a pumping station that timed dose the wastewater into the Ecoflo® unit, and a second pump after the Ecoflo® unit that discharged the treated water into a disposal field. By choosing the Ecoflo® Biofilter (STB 650BR) with an integrated pump vault, Mr. Fine was able to eliminate the second pumping station, as well as the associated excavation time and labor, thereby reducing the final cost of the installation. This concrete model with an integrated pump vault offers more options for designers and installers who demand superior quality treatment. It can be completely buried within the soil, can save space, and is ideal in low permeability or high water table soils.

### **All about ACT Engineers**

ACT Engineers, Inc. is a woman-owned company which was established in 1989 as ACT International and incorporated in 1991 as ACT Engineers, Inc. Operating offices in Robbinsville and Flemington, NJ, our technical areas of expertise fall into broad categories of civil engineering, planning, surveying, environmental consulting and permitting, landscape architecture and community involvement. As a small business enterprise (SBE/WBE) we serve both public and private clients. From site designs to regional master plans, land surveys to wastewater treatment planning and design, solar projects to environmental permitting, ACT Engineers achieves success for our clients. Our portfolio of projects includes design and inspection of retail, institutional, commercial and residential developments as well as being a recognized leader in septic system evaluation and design.

### **All about PTA**

Since 1923, Premier Tech has been building its know-how and reputation on the diversity and technological expertise of its 2 000 team members located all around the world. As one of Premier Tech's business units for over 20 years, Premier Tech Aqua (PTA) has become an international leader in the field of onsite and decentralized wastewater treatment technologies for the residential, commercial, community, and industrial sectors. With over 50 000 installations, each coupled with a rigorous inspection, maintenance and documented follow-up program performed by a large network of partners, PTA is undoubtedly one of the leaders in its industry. Active in North America, Europe and Asia, PTA is proud of the quality, performance, and reliability of its solution offering.

Source:  
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