Focus of This Issue:
Storm, Waste Water, Septic Systems

PCANY Certification Program for Water and Wastewater Products

The purpose of the PCANY Certification Program for Water and Wastewater Products is to assure the public and approving agencies that tanks or chambers achieving certification have been subjected to a rigorous testing and evaluation program, all for the benefit and protection of the Public and the Environment. Contact PCANY for a copy of this program, or download it from our website, listed under specifications.

(See “PCANY Certification Program” continued on page 2)
PCANY Certification Program (continued from page 1)

Producers must submit the required documents, attesting to their ability to manufacture watertight tanks. This means a Professional Engineer has checked the tank design and the producers’ manufacturing and quality control procedures and has also witnessed the required vacuum testing to demonstrate watertightness. Minimum vacuum testing, per ASTM 1227, exceeds 286 psf on the top, bottom, and sides of the product.

These Septic Tank Producers are the only producers of concrete septic tanks that are authorized to cast the “PCANY LISTED” round, red plastic tags into their products: Concrete Building Supply, Plattsburgh, NY; Jefferson Concrete Corp., Watertown, NY; Keeler Vault Co., Hudson, NY; Kistner concrete Products, East Pembroke, NY; Sunnycrest Precast, Auburn, NY; Zeiser Wilbert Vault, Elmira, NY. (more tank detail is listed on the PCANY website)

Great Access Into Structures

Casting a hatch into products like the 6’-diameter man hole cover shown provides fast, easy, and safe access into the structure below. Of course, special hatches can be cast into any type of precast structure, to suit any requirement. The hatch shown was supplied by Syracuse Castings, Cicero, NY.

Note the exterior of this unit has been covered with black paint, per the project specifications. This seems to be a remnant from old masonry manhole specifications. Today’s watertight precast products, made with high strength concrete, and advanced casting and curing methods, don’t need any coatings. (Also, further note the precast utility box, the retaining wall units, and the traffic barriers stored in Kistner’s yard)
V2B1 Stormwater Treatment Systems

The V2B1 Stormwater Treatment System provides primary treatment of stormwater using locally available precast manholes and pipe. The tangential inlet pipe provides optimum swirl distribution for sedimentation separation. The V2B1 System is sized to help achieve the EPA goal of 80% TSS and 40% Phosphorus removal efficiency.

ETCulvert™ V2.08 Fully Approved by NYSDOT

Mr. Michael B. Twiss, P.E., Office of Structures, NYSDOT advised Eriksson Technologies, Inc. in a letter dated August 25, 2011, that after extensive review and considerable technical comment, ETCULVERT V2.08 is approved for the design/analysis of 3-sided and 4-sided concrete culverts on NYSDOT projects.

ETCulvert™ is a high-performance Windows-based program that seamlessly combines the functionality of a state-of-the-art structural analysis engine with both fully automatic design and analysis capabilities. Both AASHTO Standard and LRFD/LRFR Specifications are supported. This program updates and supercedes PCANY’s CULVERT program, used for this purpose for many years.

We pay homage to Professor L. Feeser who ported an early version of our original program from DOS to Windows and revised and maintained that and many subsequent versions. Eriksson Technologies rewrote the culvert program to its current form. Visit LRFD.com for more information and to request a demo.
Hearty Congratulations:

To our Associate Member A. L. Patterson Inc., located in Fairless Hills, PA, for being awarded the 2011 PCI Associate Member Award, given annually to recognize the associate member making the greatest contribution to the industry in the most recent year. A.L. Patterson’s consistent leadership in the pursuit of industry association harmony, and their superior commitment to investment and expansion of service during a difficult economic time, provided the validation for this honor.

And to Skip Francies, President of A.L. Patterson’s Precast Division, upon being elected to PCI Fellowship.

And to our Professional Member, Bergmann Associates Inc., Rochester, NY, for their recognition and listing on the ENR Top 100 Green Design firms.

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Northeast Solite Corp., Saugerties, NY , 845-246-2646

Clough Harbour & Assoc., LLP, Albany, NY, 518-453-3961

Collins Engineering Inc., Albany, NY, 518-436-0392

Delta Engineers, Architects and Land Surveyors, PC, Endwell, NY, 607-233-9612

Dryden, New York, NY, 212-685-0900

Ditando Associates PE, PC, Buffalo, NY, 716-656-1900

Edwards & Kelsey Engrs., Inc., Saratoga Springs, NY, 518-384-9733

Erman Anthony, Rochester, NY, 585-442-8886

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Fischer Associates PE, LS, PC, Rochester, NY, 585-334-1310

Greenman-Pedersen, Inc., Buffalo, NY, 716-633-8444

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R Samuel Engineers, Henrietta, NY, 585-234-5545

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TVGA Consultants, Buffalo, NY, 716-649-3739

VHB, 100 Great Oaks Blvd., Suite 109, Albany, NY 12203, 518-452-0300

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Wilbur Smith Associates, Latham, NY, 518-783-1887

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