

From: AQUATHIN TECH SUPPORT [mailto:techsupport@aquathin.com]

Sent: Wednesday, March 25, 2009 12:16 PM

Subject: TECH BANK NEWS: BAD NEWS...REGENERATED MEDIA CAN NOW BE CERTIFIED, BUT...

Importance: High

Dear Aquathin Dealer OnLine;

There are times over the past 30 years, that I just cannot believe how governing authorities and NGO's, make this water treatment business so easy. And by easy I mean this industry is purely "Consumer Driven" = those who understand the difference between "Legally Safe vs. Totally Safe...".

Below you will read that regenerated medias can now be certified and comingled. A regenerated media includes GAC, industrial grade cation and anion resins, nuclear grade resins, used in a spectrum of industries including metal plating facilities, nuclear plants, municipal water plants, waste water treatment, pollution cleanup.

MY NOTE: pharmaceutical specifications for laboratory procedures including blood analysis, dialysis, production of serums and sterile fluids PROHIBITS USE OF REGENERATED MEDIA. This is because regenerated media can dispose minute portions of the material that it was used for processing i.e. regenerated resins used in waste water of plating facilities may contain heavy metals...regenerated GAC used in municipal plants may contain organics. And allowing the blending of medias from totally unknown uses and totally unknown numbers of regenerations is a compounded problem because with each regeneration, the media's efficiencies reduce further resulting in shorter life, less capacity for maximum contaminate reduction, combination of unknowns in product.

aaaaaaaaaAND you can see how this will further evolve. Companies will purchase regenerated media for recycling into new components that are integrated into products for everyday household use including food storage, water plumbing etc. The recipient of such a relaxing of regulation in the face of common sense and common science will be the Consumer.

AQUATHIN ONLY USES VIRGIN MEDIA AND RAW MATERIALS...ALWAYS HAS AND FOREVER WILL. AND MOST IMPORTANTLY, WE MAINTAIN RECORDS FROM EVERY SUPPLIER FOR COMPLETE TRACEABILITY. YOUR CUSTOMERS / OUR CUSTOMERS...OUR DEALERS CAN REST ASSURED NO FOREIGN MATERIALS ARE INTRODUCED FROM ANY AQUATHIN PRODUCT. AND YOU CAN ALSO BE CERTAIN THAT THE VAST MAJORITY OF SYSTEM ASSEMBLERS DO NOT PAY ATTENTION TO SUCH DETAIL. NEXT TIME YOU HEAR A CUSTOMER ASKING ABOUT "A CHEAPEE" UNIT, ADD THIS BIT OF INFORMATION TO YOUR COMPARISON!

AQUATHIN PLAYS TO STAY...AND IT JUST KEEEEEEEEEPS GETTING EASIER.

I LOVE MY AQUATHIN ! AND REMEMBER, THE NEXT BEST THING TO OWNING AN AQUATHIN IS RECOMMENDING ONE TO A FRIEND !!

Let me know what you Aquathink !

Warmest regards to all...as well, your comments are always welcome and very much appreciated.

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Alfred J. Lipshultz

President & CEO

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Regenerated media can now be certified

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ANN ARBOR, MI — An industry standard by which drinking water system components are tested for their health effects on the water passing through them also will now have requirements for testing regenerated and reactivated water treatment media, NSF International [announced](#) March 24.

Media commonly used in water treatment includes ion exchange resins. In the past, only unused "virgin" media were tested and certified according to NSF/ANSI Standard 61. That standard determines whether the materials coming into contact with drinking water in water systems — materials such as plastics or metals — leach harmful contaminants into the water. That standard is now adding a testing and certification section for regenerated media, NSF said.

It's believed that water system owners' and operators' new ability to use certified regenerated media could result in cost savings.

NSF notes that spent media can be regenerated at licensed facilities for use in additional water treatment cycles. Standard 61 now sets strict traceability requirements to ensure that regeneration customers receive back the same media they left with the

regeneration facility. However, the standard also allows media from several water systems to be commingled as long as the purchasers of the regenerated media agree.

The updated standard means that water systems in states which required that only certified materials or substances come into contact with drinking water will have more options in the media they can use.

One such state has been New Hampshire. NSF quoted Cynthia Klevens, sanitary engineer for the New Hampshire Department of Environmental Services, saying that the change in Standard 61 was a welcome one. "Without this certification and the associated safeguards it incorporates, we were unable to approve the use of regenerated media for [New Hampshire's] small systems, who are most in need of maintaining reasonable operating costs for their long-term sustainability," Klevens said.

The new regenerated-media requirements of Standard 61 establish criteria for the inspection of regeneration facilities and the periodic testing of regenerated media by certification organizations. NSF says the standard also requires that regeneration facilities "have a robust quality system, which includes ongoing evaluation of contaminants in the raw source water being treated and an evaluation of the regeneration process to verify removal of these contaminants."
