

(remote control, downloads, alarms). No additional software to install. If you are already using cellular-based devices, keep your equipment and just switch your cellular plan to Innovative Water's low-cost cellular subscriptions.

BobAlert™ cellular alarm: Add communication to your controller (wireless remote monitoring, datalogging and reporting). One device fits all controllers like the Advantage Microtron, Lakewood 1575series, LMI DCseries, Pulsafeeder MicroVision, Walchem WTseries, etc.—even generic sensors. Get alarm notifications by email or text message as soon as your system is in alarm. Receive automatic daily system updates as well as weekly Excel datalog reports—even if you controller does not have datalog capability.

For more information, contact Innovative Waters by phone at 608-230-6182, email at info@innovativewaters.com or visit our website www.innovativewaters.com

AquaPhoenix Scientific—Powered by the Sun

As part of our ongoing commitment to minimize our impact on the environment, we have installed a 200 kW solar panel system covering 27,608 ft² of our rooftop. This

\$1.1 million dollar solar project will make a significant step in reducing our carbon footprint.

Nearly 1,000 solar panels will provide approximately 30% percent of the electricity needed to power our facility and significantly reduce our peak electrical load. The surplus of power generated by our system will be placed back into the grid as clean, renewable energy.

New BWA Water Additives Products

New Belclene® 445 is an enhanced POCA based chemistry that provides scale inhibition, mainly calcium carbonate scale, while offering significant corrosion control. Belclene® 445 was designed to act as a substitute for HEDP and PBTC in situations where corrosion control is also of concern. The calcium carbonate scale inhibition capabilities of Belclene® 445 surpass those of PBTC and HEDP in both chlorinated and non-chlorinated systems, thus making it compatible with both oxidizing and non-oxidizing biocide treatment programs. Phosphate precipitation in the make-up water is inhibited by Belclene® 445 through the stabilization of the PO₄ content of the water. This new product offers superior corrosion inhibition compared to PBTC based cooling



When quality and accuracy are critical.

Are You Utilizing The Highest Quality Laboratory For Your *Legionella* Analysis?

EMLab P&K The Laboratory You Can Trust.

Legionella

One of the benefits of utilizing experienced environmental microbiology laboratories such as EMLab P&K is that environmental consulting firms, water treatment companies, government authorities and hospitals nationwide have access to the latest in *Legionella* detection methods by trained microbiologists. EMLab P&K participates in the CDC ELITE Program for *Legionella* analysis. The CDC culture method is considered the "gold standard" for *Legionella* analysis.

As the culture method remains the "gold standard" for detecting *Legionella* from environmental sources. This technique, unfortunately, requires up to 10 days to complete, precious time that could be used to pinpoint sources of the bacteria and

prevent additional exposures. A molecular technique, polymerase chain reaction, or PCR for short, offers a very sensitive method, and one that only requires a few hours to complete, although it doesn't distinguish between living and dead cells. The PCR screen must be considered presumptive and requires confirmation via conventional culture techniques. Swab samples can also be collected from the biofilm around water sources but should follow initial water evaluation.

If you are interested in finding out more about our analytical services for *Legionella*, including serotyping and speciation services please contact one of our main facilities below to assist you.

EMLAB P&K MAIN LABORATORIES:

Analytical Services: Fungi, Asbestos, Bacteria, Allergens, Radon, USP 797, VOCs & PCR

CHERRY HILL, NJ
1936 Olney Ave.
Cherry Hill, NJ 08003
866.871.1984

PHOENIX, AZ
1501 West Knudsen Dr.
Phoenix, AZ 85027
800.651.4802

SAN BRUNO, CA
1150 Bayhill Dr., Ste. 100
San Bruno CA 94066
866.888.6653

www.emlabpk.com

water treatments all the while eliminating the need for multiple polymers within a water treatment formulation. Belclene® 445 mediates the protective film formation resulting in improved corrosion rates and/or dosage minimization. This product is easily traced throughout the system by means of a straightforward testing strategy identical to that of test methods used to track HEDP; a significant simplification over the PBTC test method. Phosphorus discharge is minimized through the use of Belclene® 445 as this product contributes one third of the phosphorus brought on by HEDP, in the end resulting in an environmentally mindful product.

Antimicrobial Pesticide Applicator License Required For Treating Indoor Mold, HVAC And Cooling Towers

The Minnesota Department of Agriculture (MDA) has updated the Antimicrobial Pesticide Use category of Commercial and Noncommercial Pesticide Applicator Licenses to include indoor mold mitigation and remediation. The Antimicrobial Pesticide category has been in place since 2001, when it was established for applicators treating HVAC systems and cooling towers with antimicrobial pesticides.

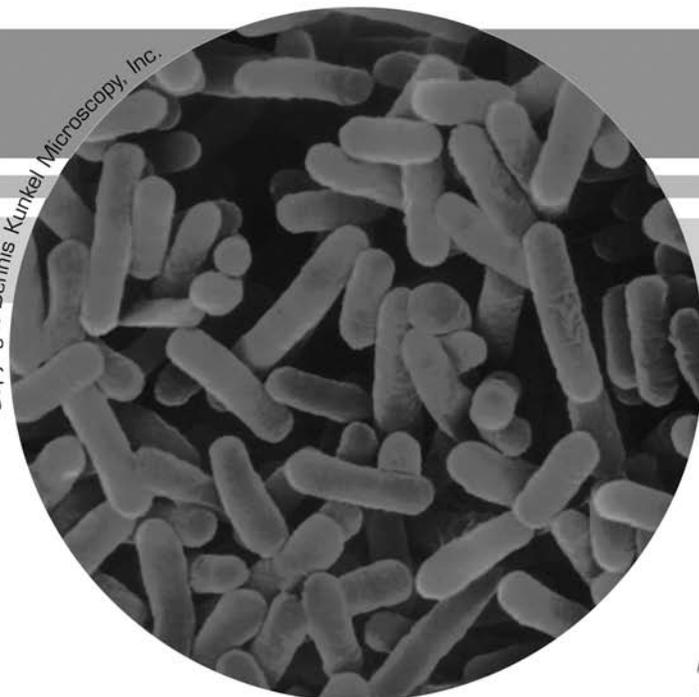
Examples of pesticide applications requiring an Antimicrobial Pesticide Applicator License include the for-hire application of antimicrobial pesticides during moisture and mold remediation due to flooding, long-term indoor water leaks, or below-ground water infiltration; maintenance and cleaning of HVAC systems to control bacteria and mold; and maintenance and cleaning of cooling towers to control bacteria, fungi, algae and mollusks.

The Minnesota Pesticide Control Law requires that any person in Minnesota applying a pesticide for-hire must obtain a Commercial Pesticide Applicator License from MDA. To receive this license, an applicator must complete an application and pass certification examinations in both the Antimicrobial Pesticide and Core categories. By passing the exams, the applicator shows they have met the minimum qualifications to apply antimicrobial pesticides in a legal, effective, safe and environmentally sound manner. Licenses are issued for the calendar year and must be renewed annually.

For more information on all pesticide licensing, please call MDA's Licensing and Certification Unit at

www.pureearthlab.com

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LEGIONELLA, COULD IT BE IN YOUR WATER?

Utilizing ISO 11731 Guidelines, Pure Earth offers high quality analysis at a very reasonable price. Don't delay! Call us toll free for more details and supplies to **GET STARTED NOW!**

Your Microbiology Lab
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Phone 856.486.1177
Toll Free 866.486.1177
Fax 856.486.0005



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