



PRESS RELEASE

AMOEBBA AND EARTHWISE ANNOUNCE POSITIVE EFFICACY RESULTS FOR THE FIRST FIELD TEST IN THE UNITED STATES

Lyon, July 11th, 2018 - AMOEBA (FR0011051598 - AMEBA), producer of a biological biocide capable of eliminating the risk of waterborne bacteria, announces today the positive results of the first field test implemented in the United States.

The field test took place at a worldwide food packaging manufacturing plant based in Illinois, in collaboration with Earthwise Environmental Inc., historical partner of AMOEBA in the U.S.A.

The BIOMEBA biological biocide was injected in the cooling circuit over a period of eight months to replace the existing chlorine chemical biocide treatment. Earthwise provided the onsite technical service and testing support that included weekly testing of numerous biological tests including Legionella.

The results show a much higher efficacy level for BIOMEBA than for the chemical treatment previously used: the measures indicated a decrease by 5 of the biofilm's (bioslime*) thickness in the circuit. The analyses also show a reduction of the total bacterial flora by a factor of 100 (from 10^5 à 10^3 CFU/ mL) as well as a total control of the legionella bacteria.

« We are encouraged by the results of our first field test with the BIOMEBA biological biocide. The ability to control Legionella and microbiological growth without using hazardous and toxic biocides offers an opportunity for a sustainable and environmentally sound approach to our water management programs » said **Robert Miller, President of Earthwise**.

« Those conclusive efficacy results will be submitted to the EPA as part of our regulatory dossier submission and we hope that they will be able to influence positively our dossier. The other field tests currently taking place in the U.S.A. would seem to reach a similar conclusion with regards to their efficacy level. In addition, this field test is also the first trial carried out with our new fully automated injection cabinet, BIOMEBOX », added **Fabrice PLASSON, Managing Director of AMOEBA**.

**bioslime definition: a slime-like growth layer of microorganisms (such as bacteria) inside pipes and fixtures.*



About AMOEBA:

Amoéba's ambition is to become the world leader in the treatment of bacterial risk in the fields of water, healthcare and plant protection. Our biological solution is an alternative to chemical products widely used today. Amoéba is currently focusing on the market of industrial cooling towers estimated at €1.7Bn ⁽¹⁾ on a global chemical biocide market for water treatment, evaluated at €21Bn ⁽²⁾ and on the biocontrol market for plant protection estimated globally at €1.6Bn ⁽⁴⁾. In the future, the Company is looking at developing new applications such as chronic wound care, estimated at € 751 million ⁽³⁾ in the USA. Sales of associated products with healthcare, biocides and crop protection are subject to the Company being granted local regulatory market authorizations.

Created in 2010, based in Chassieu (Lyon, France) with a subsidiary in Canada and in the United States, Amoéba is quoted on the compartment C of Euronext Paris. The Company is a member of the BPIfrance Excellence network and is eligible for the PEA-PME SME equity savings plan setup. More information on www.amoeba-biocide.com.

(1): Amoéba data combined from sources: DRIRE 2013, Eurostat, ARHIA 2013

(2): Sources combined by Amoéba from water treaters, Freedomia, Eurostat et MarketsandMarkets

(3): BCC Research, "Markets for Advanced Wound Management Technologies," Wellesley, MA, 2017

(4): Biopesticides Worldwide Market 2013, CPL, Wallingford, UK

About Earthwise:

For more than 20 years now, Earthwise has been changing the focus of water treatment technologies to reduce costs, conserve water and eliminate hazardous chemistries. We are a market leader on two fronts: We work closely with manufacturers in the evaluation of new technologies; and we are a leader in the development of more sustainable custom solutions for industry, commercial properties and healthcare facilities. When customers work with Earthwise, we help them navigate the "green" and "sustainable" landscape with proven technologies, unmatched expertise and realistic, quantifiable results. We reduce hazardous chemistry, conserve water, increase employee safety and reduce unscheduled downtime due to water-related issues. We continue to pursue "What's Next?" in our industry with a fierce devotion to striving for better methods, technologies and synergies of ideas to truly help our partners to become more "green."

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Disclaimer

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