

DID YOU KNOW?

Your guide to the latest industry trends, ideas and solutions



WHAT'S IN THIS ISSUE

Improving Wastewater Management With NCH Biologicals

UNDERSTANDING THE IMPORTANCE OF QUALITY BACTERIA WITH FREEFLOW

At NCH, quality is our top priority, which is why we developed the right solution to ensure that your drainage and wastewater systems continue to run at maximum performance.

Cleaning your wastewater systems has never been more efficient. With FreeFlow's concentrated formulation and its unique, powerful blend of minerals, amino acids, and proteins, this Bio Activator works quickly to produce highly active and mobile bacteria in minutes-- leaving you with a cleaner, more powerful system.

Unlike other spore-form bacteria products, there's more to FreeFlow than meets the eye. Every day the BioAmp automatically doses a large quantity of live vegetative bacteria to the process, this is the equivalent of approximately 1000 Litres of a traditional spore-based product. The 10 strains of live bacillus bacteria immediately start to digest the BOD contributors resulting in an increase in the efficiency and a reduction of operating costs for the wastewater treatment facility.

But that's not all. FreeFlow's easy-to-use pellet or liquid formula allows effortless application on waste water treatment plants (WTPs), industrial drain lines, lift stations, retention tanks, grease traps, and drains. When paired with Free Flow Nutrient, FreeFlow ensures bacteria growth

even in extreme conditions and ensures effectiveness across a wide range of pH and temperatures.

If you're looking for the right bacteria system that's both reliable and trustworthy, make the right choice with NCH's FreeFlow and order today!



INVEST IN THE RIGHT BIOLOGICAL TREATMENT FOR YOUR WASTEWATER SYSTEMS

When it comes to managing your wastewater systems, it's important to be aware of what biological treatment you should invest in. After all, wastewater systems need to be continuously serviced and cleaned to ensure consistency in removing impurities and discharging cleaner water to aquifers or natural bodies of water.

There are certain problems that systems can encounter in wastewater treatment plants (WTPs). Foul odors from high levels of hydrogen sulfide, sludge build up and a variable production schedule can stress the



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WTP and prevent it from running at full capacity.

As the age of the returned sludge increases, the system becomes less effective and the process costs increase. This situation also makes the system more susceptible to shocks from changes in the incoming effluent flow and this can result in increased processing time.

Our biogenerator systems are a unique marriage of engineering with our patented microbiology that are capable of delivering highly active live bacteria to the treatment plant automatically each day. By reducing the sludge age the system can be restored to previous efficiency levels and deliver net savings to your facility.

The ecoSTORM Regular is our state-of-the-art biological drain maintenance system and is fully automated to generate food-safe bacteria in small industrial or business spaces, and can be easily applied to regular and refrigerator drain lines, soda dispensers, fountains, and condensate lines.

activated live bacteria automatically every day.. As with our BioAmp system, the EcoStorm is maintained and serviced by NCH technicians.

All of our microbe systems are powered by NCH FreeFlow blends that are formulated to deliver superior results. NCH has built up a large database of bacteria strains and their abilities to degrade the different components that are found in trade waste systems. With a focus on treating oleo chemical waste, FreeFlow formulations can contain 10 different strains of bacillus bacteria so we can now break down both the fatty waste the by-products resulting from the treatment process. The more reactive microbe system enables the plant operator reduced sludge levels and increase processing capacity, delivering savings to the running costs of the treatment plant.

So when you need a biological treatment you can trust for your drainage and wastewater systems, invest in NCH Biologicals.



In early 2022 we are launching our new EcoStorm XL generators. This system uses our patented Active Spore technology that activates the bacillus spores just prior to the delivery to the treatment process. This allows us to develop more advanced bacillus formulations and systems that deliver fully

ABOUT NCH

NCH Asia Pacific exists because of its customers. With the latest technology, industry expertise, and quality solutions, we have the tools to best understand our customer requirements.

NCH Asia Pacific is one of the largest divisions of NCH Corporation, a U.S. based multinational company. NCH has a presence in 50 countries and a network of over 8,500 sales staff.

We clean and conserve water, save energy, and deliver best-in-class maintenance solutions, with a focus on industrial and commercial businesses in Asia.

At NCH Asia Pacific, we believe in "people doing business with people." We have developed and continue to grow a direct sales team to build customer connections, enhance our customer understanding, and drive market penetration.



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