

NEWS ALERT



Troubleshooting Wastewater Woes: What to Do When Your Plant Isn't Performing



What's the condition of the nearest wastewater lagoon or treatment plant? Is it sluggish and smelly or balanced and efficient? With so many variables in play, the path to clean water can be challenging—but not impossible. Troubleshooting tips from [Bionetix® International](#) are here to help nudge wastewater treatment plant (WWTP) operators in the right direction toward more efficient wastewater treatment.

What Are Some Common Wastewater Problems?

Foaming, lagoon color, and excessive sludge are among the many indicators of wastewater problems. That is why the first step toward the solution should be visual inspection, paired with a look at data on BOD/COD ratio (to assess biodegradability), pH, contaminants, nutrient imbalances, and oxygen levels. Together, these factors can help identify the source of the problem and suggest the key to the solution.

How Can Wastewater Treatment Plants Improve?

Bioaugmentation (the addition of beneficial microbes) and/or biostimulation (the addition of nutrients to feed beneficial microbes) can solve many wastewater problems. For example, if a certain type of foam indicates high surfactant concentration, WWTP operators can send in targeted microbial nutrient blends like [BCP35M™](#) or [BCP10™](#) to address the overload. [BIOBOOSTER SR™](#) tablets help digest excess sludge at the bottom of the lagoon, while [BCP655™](#) can serve as an ammonia converter when the color of the water indicates high levels of this toxin. Sometimes, a boost of oxygen from aeration or [AEROBOOSTER-0₂™](#) is needed. The list goes on, but once problems have been identified and the solution applied, the wastewater should be monitored for improvements or adjustments as needed.



Keywords: troubleshooting wastewater treatment plants, what are some major problems for wastewater? how can water treatment plants be improved? Bionetix, wastewater troubleshooting tips, what is bioaugmentation, biostimulation, foam in wastewater, excessive sludge in wastewater, low oxygen in wastewater

Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for the Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001 and ISO 14001 certified.





Troubleshooting Expert at Your Side

When something is wrong in the nearest lagoon or WWTP, but the cause is unclear, Bionetix® experts can walk operators through assessing the problem, selecting the treatment, and monitoring the results for ongoing success. Wastewater treatment can be challenging, but with the support of Bionetix® International and proven microbial solutions, operators can optimize system stability and performance. [Contact Bionetix® today for more tips on troubleshooting wastewater problems for better treatment efficiency!](#)