

FOR IMMEDIATE RELEASE

Truths and Misconceptions About Carryover with Louis Godbout and Simina Alungulesa



Scaling UP! H2O Podcast, the leading podcast for water treaters and professionals, is excited to announce the latest episode featuring **TGWT** researchers **Louis Godbout** and **Simina Alungulesa**. In this episode, Godbout and Alungulesa explore the complexities of carryover and how to address it effectively.

The episode provides valuable insights and scientific data about carryover and its various factors, such as bubble size, defoamers, tannins, pH, priming, and salt. As Godbout notes, "Most of the time, we find carryover is due to mechanical issues, but if it is combined with high TDS, the problem worsens everything and makes a boiler more sensitive to any variation in pressure."

Importance of understanding

One of the main takeaways from the episode is the importance of understanding the water being treated before adding any chemicals to it. Louis Godbout reminds us that, "You need to fully understand water's chemistry, challenges, and its capabilities." Godbout further explains how cycling up can have diminishing returns. "Your cycling up, your savings go down as the cycles go up. If you go from 10 to 20, that's a big game changer, but from 20 to 40, it's a diminishing return." Godbout shares that once you know water's capabilities, you can show your clients how much money you've saved them thanks to your expertise, and that's something every water treater wants to share, their value and skill.



The trouble with antifoams

Simina Alungulesa sheds light on the use of antifoams in the industry. "We realized that: Yes indeed, a lot of the antifoams that are presently used in the industry, they do have a positive effect on bubble coalescence." However, she warns that their study concluded that conventional antifoams cannot be used to cycle-up and explains that polyglycol-based antifoams can create even more foam in boiler conditions. Ultimately Godbout boils it down to this: "People overuse antifoams."

If you want to learn more about the truths and misconceptions of carryover and how to effectively address it, be sure to tune in to the latest episode of Scaling UP! H2O, available on **Friday, June 2, 2023** by visiting scalinguph2o.com/310 or tune in on your favorite podcast player.

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To request an interview or for other inquiries, please contact the executive podcast producer, Corrine Drury, at corrine@blackmore-enterprises.com