Wastewater Management

Getting Started:

1: What's in my wastewater?

(cycle diagram: RESEARCH → INVENTORY → TRACK & REDUCE → IDENTIFY VARIABLES)

What is our vision of a sustainable brewer?

- Produces the highest quality beer while minimizing impacts to the environment
- Balances profitability with the needs of the planet, our workforce and communities
- Protects the environment for brewing ingredients and future generations
- Sources, builds, and operates responsibly, without compromise
- Uses natural resources in an efficient manner and strives to eliminate waste

A Wastewater Champion:

- Challenges status quo and looks for ways to reuse and recycle wastewater
- Creates and encourages a vision of water efficiency
- Engages employees and communities to be part of the solution
- Designs and constructs to reduce sewer loadings
- Looks to watershed protection as the next step after efficiency
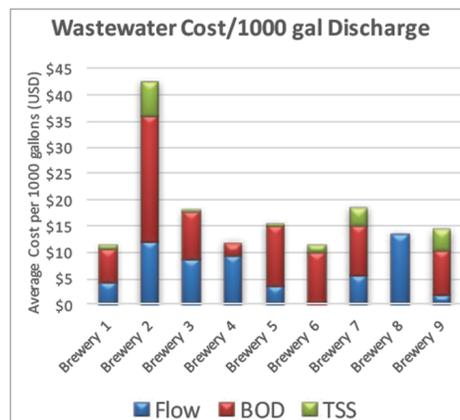
Questions?

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2: Is that a lot?

Example of data you will find in the Sustainability Benchmarking Report

3: How do I reduce wastewater?

Did you know:
*Municipal wastewater treatment surcharges are on the rise, adding over **$12 per bbl beer packaged** to sewer billings?*

- How can I reuse or recycle water to offset fresh water consumption?
- Where can I find and eliminate leaks or excessive use of water?
- Can I adjust equipment settings back to manufacturers specs?

Where do I look first?

- Water going down the drain, especially hot water
- Hot break trub from tank cleanings and rinses
- Weak wort from final grain extractions
- Cold break trub from tank cleanings and rinses
- Spent yeast from fermentation tank drains
- See BA Wastewater Sustainability Manual for other ideas

How can I reduce waste?

- Normalize water usage and cost to bbls packaged
- Compare to Sustainability Benchmarking Report
- Set targets for median and best in class performance
- Use BA Wastewater Sustainability Manual to develop a plan
- Get employees involved and excited
- Review progress and make regular adjustments

How do I Learn More?

Click to access the full Manual here!