

TO: Portland Utility Board Members  
FROM: Melissa Merrell, PUB Analyst  
RE: Response from Craft Brew Alliance regarding potential effects of cryptosporidium treatment  
DATE: July 10, 2017

At the request of the PUB co-chairs, I invited the Craft Beer Alliance to provide input to the Portland Utility Board regarding potential cryptosporidium treatment being considered. Below is their response.

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Hi Melissa,

Here are written comments for tomorrow. Thank you again for requesting Craft Brew Alliance's input.

- In order to continue brewing high quality beer with our excellent clean water provided by the City of Portland from forest to faucet, Craft Brew Alliance supports a minimal approach to water treatment. In considering UV compared to filtration, UV is preferable in that it has less of an impact on the water chemistry.
- CBA believes that UV treatment will not directly impact brewing processes and beer flavor. However, filtration could require some process changes within the brewery, although likely not significant. A major concern with filtration would be the use of filter media and the potential leeching of undesirable minerals that could impact quality and shelf life stability. In light of increased pH around the lead corrosion program, filter media leeching becomes a larger concern. Any treatment decisions should be reviewed for compatibility with the lead abatement program.
- As a large industrial water user, our water and sewer charges are a significant operating expense. CBA would prefer to see large capital costs avoided that will negatively impact future rates. CBA strongly encourages a treatment option with the least cost impact for large industrial water users such as ourselves.

Comments provided by:

Doug Rehberg, Sr. Director of Brewing & Quality, Craft Brew Alliance  
Julia Person, Corporate Sustainability Manager, Craft Brew Alliance