

From: Le, Van
To: Merrell, Melissa
Cc: Winner, Jeff; Elliott, Teresa; Frost, Liam; Solmer, Gabriel
Subject: Melissa, my clarification for PUB on public involvement, etc.
Date: Wednesday, July 19, 2017 11:52:18 AM

Melissa, these four institutional references may have value to PUB by Tuesday. Please forward to PUB if it is not duplicative of other materials you've seen. Thanks, Van

1) There was a multipronged public effort April '01-June '02 of almost a dozen strategies. Check the citizen input from the 2002 citizen panel report at:

<https://www.portlandoregon.gov/water/article/330916>

-pages 1-13 recommendations on technology, siting, and financing.

-pages 45-48 overview of public involvement, pyramid on page 47.

-pages 188-273 raw, summarized & analyzed stakeholder, citizen, large group and small group input.



2) Here is a previous council resolution concerning treatment. See page 2.

July 2009: <https://www.portlandoregon.gov/water/article/330946>

NOW, THEREFORE, BE IT RESOLVED, that the Council directs the Water Bureau to continue to seek administrative alternatives to the treatment requirements of the rule, including seeking a variance from the EPA and seeking a deadline extension from the State of Oregon or the EPA; and

BE IT FURTHER RESOLVED, that the City Council directs the Portland Water Bureau to engage immediately in the necessary planning, design, budgeting, permitting and any other activities necessary to prepare for the construction of an ultra-violet treatment facility; and

BE IT FURTHER RESOLVED, that the Council directs the Water Bureau to construct an ultra-violet treatment facility only if and when its administrative efforts to secure compliance prove unsuccessful.

3) Here is OHA's revocable 10-year variance, signed March 2012.

<https://www.portlandoregon.gov/water/article/389385>

2. This variance is valid for a period of ten (10) years, beginning on the date this Final Order is signed.

3. OHA shall revoke this variance if after one year on demonstration monitoring the average *Cryptosporidium* concentration of PWB's samples is greater than or equal to 0.075 oocysts per 1,000 liters. Revocation of the variance will include a schedule for PWB to install treatment required by LT2.

4. OHA may revoke this variance at any time if:

(a) PWB does not comply with this Order;

(b) OHA believes that the lack of *Cryptosporidium* treatment is posing an unreasonable threat to the public's health;

(c) Conditions in the watershed change to such a degree that the facts

4) Here is OHA's decision to revoke the variance, signed May, 2017.

<https://www.portlandoregon.gov/water/article/640286>

For purposes of establishing a compliance schedule and interim control measures PWB must, on or before August 11, 2017, submit to OHA, the following:

1. A description of which treatment technology PWB intends to pursue for compliance with the 2-log *Cryptosporidium* treatment requirement.
2. A detailed proposed schedule of when the treatment will be in place, with a schedule that indicates treatment will be in place as soon as practicably possible. Specific dates must be included for plan submittal for review and approval, and must identify when water that fully meets all requirements will be served to the public.
3. Measures PWB intends to take to reduce the risk of the public's exposure to *Cryptosporidium* until such a time as treatment is in place, that are at least as protective as the applicable conditions in the variance order.
4. A proposed sampling schedule for *Cryptosporidium* at the intake until adequate treatment is in place.