



# City of Westfield, Massachusetts

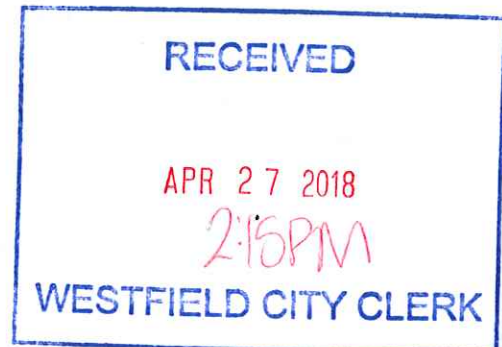
## MEETING NOTICE & AGENDA

NAME OF COMMITTEE: Finance Committee  
DATE: Wednesday, May 2, 2018  
TIME: 6:30 PM  
ROOM NO: 201

RECORDING

PUBLIC PARTICIPATION

Discussion on scheduling departmental review of FY19 budget.



### **Questions regarding costs associated with Water Bond, Filtration units and options.**

1. At the March 8, 2018 Finance meeting with Dave Billips and Fran Cain it was stated that the Springfield interconnect would require a booster pump with a filter and chlorination building. What would differentiate this facility from wells 3&4?
2. Is there anything in the Springfield supply that would cause the filters to clog and require cleaning or change out?
3. Has there been a defined number of 'filter beds' (I believe you called it) before we will need to be changing out the GAC at 3&4, and presumably the new interconnect?
4. What is our average daily consumption on the north side?
5. What is our maximum consumption on the north side?
6. What is the maximum output of each of the 4 wells on the north side?
7. What is the maximum output per well operating under temporary filtration? And permanent filtration?
8. Beginning on 1/1/15, which wells on the north side were taken offline, when and why were they shut down and when were they turned back on?
9. What are the dates that the north side has operated on one well?
10. Without needing to change out the GAC at 3&4, are there any substantial annual costs for operating the system and building, for instance climate control costs?
11. How often will water from the active wells (1, 2, 7, & 8) be tested for PFAS?
12. Will water be tested both before and after the GAC treatment?
13. On March 27th (<https://vimeo.com/262171504>) at time: 44:34), Heather said that bench scale testing would remove PFASs to 8,900 empty bed volumes, the discussion was specifically speaking about Well 2 temporary filtration.
14. Was bench scale testing done on Well 2, or was the 8,900 bed volume estimate

specifically for water from Wells 7 & 8? What were the analytical lab concentrations that determined the 8900 bed units?

15. Is that estimate for ANY PFAS breakthrough, 4, 6, or 8 carbon chains, or PFOA or PFOS?
16. Has another round of bench scale testing been performed with all 5 of the PFAS in the proposed MassDEP limit?
17. Are the organic co-contaminants the same in the water samples taken from: Wells 7 & 8, Well 1, and Well 2?
18. If so, why? If not, how are they different, and how does that affect the bed volume (time to refresh carbon) calculation?
19. Does the estimate for 8,900 empty bed volumes correspond to the Bed Volume numbers referenced in the attached scientific literature, and if so, does that mean we'll be changing out carbon every six weeks? At what threshold will the carbon be changed out (any sign of breakthrough, if not, what triggers the change out, and how often is it being tested? How will that change out/refresh happen, and what will be online for wells when it does?
20. What are the reporting/notification requirements or plans (if any) with the City, MassDEP, and the public at large for PFAS breakthrough and change out of the GAC filters? In other words, how long could we be drinking them in our tap water without being notified?
21. Did the Water Department, Water Commission or the DPW consider tying in to Holyoke's water supply from Southamptton? If so, please provide documentation of that study and determination.
22. What documents and information on temporary and permanent treatment facilities were presented to the Water Commission?
23. What information did the Commission have to determine the costs of the temporary and permanent facilities? Based on that information, was the Water Commission able to determine the how much the water rates will have to increase?
24. What are the projected revenues from each tier of the water rate increases? How much will rate cover the annual operating expenses and the cost for the bond? Please detail.
25. What is the projected timeframe for tying into Springfield water, and how will the moratorium while Springfield inspects its water lines affect our ability to connect with Springfield Water?

26. Please provide a complete copy of the north side Geosphere study, which is believed to be concluded in 1996.
  
27. Please provide detail of current water production costs from all wells, reservoirs and Springfield interconnect, in a per 1000 gallon rate, currently and projected after filtration is installed.

