

## REVISED Item 14-Exhibit B

Submitted by staff at 8/19/19 Meeting

**From:** [Christopher Cook](#)  
**To:** [Maureen Hamilton](#)  
**Cc:** [Jonathan Lear](#); [Suresh Prasad](#); [Dave Stoldt](#); [Ian Crooks](#); [James L Magdaleno](#); [Michael Grondin](#); [Nina Miller](#)  
**Subject:** RE: Santa Margarita chemical treatment - sole source items - justification  
**Date:** Monday, August 19, 2019 9:55:56 AM

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Hi Maureen,

I wanted to add a couple thoughts to the e-mail summary below. About half of the items listed below have been standardized throughout our ten plants to reduce O&M costs and increase responsiveness with inventory and training. For those, we would want to stay with 'no substitute' because any alternative would have long-term impacts to our operations. The other half, we do not know of an equivalent that would meet our specific needs. For the ones where there is a specific need, I have indicated those below in green with a brief description of the requirement. If the design specification can clearly call out this requirement, we would be comfortable with the specification stating 'or equivalent' and allowing the contractor the ability to research if there are any equivalent products. Then any proposed alternatives can be check by Pueblo during the submittal review process and we could also do a peer review to confirm.

Please feel free to call me if you have any questions.

Thank you,

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**From:** Nina Miller <[Nina.Miller@amwater.com](mailto:Nina.Miller@amwater.com)>  
**Sent:** Tuesday, August 13, 2019 3:11 PM  
**To:** Maureen Hamilton <[mhamilton@mpwmd.net](mailto:mhamilton@mpwmd.net)>  
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**Subject:** Santa Margarita chemical treatment - sole source items - justification

Hi Maureen,

California American Water is requesting sole-source equipment for the listed equipment at the new Santa Margarita chemical treatment site.

The products listed below are requested as “no substitutes” either because there are no known equals or because they have been standardized throughout the California American Water system due to their reliability and/or their ease of maintenance. We have found, as many other utilities

find, that any minor savings in capital cost from accepting certain alternative products, even if they are true equals in quality, are usually soon offset from the increased O&M costs due to lack of operator familiarity, lack of vendor service contracts, lack of spare parts, etc. We carry spare parts in inventory for the standard equipment we use, which reduces downtime of equipment for virtually continuous operations. Therefore, all the items list below should remain as “no substitutes”.

If you need additional information or justification, please let me know.

- Prominent Chemical Feed Systems
- Prominent Chlorine Analyzers
- Hach Turbidimeter
- Yokogawa Conductivity Probe or equivalent with material suitable for chemicals
- ClaVal Co Modulating Valves
- Westfall Static Mixers or equivalent with singular orifice plate and fits within room layout
- Westfall Flow Conditioners or equivalent with same manufacturer as static mixer
- Safe-T Flow Chemical Injectors or equivalent with ability to service/inspect while main is still pressurized
- Sparling Tigermag Magnetic Flowmeters
- Poly Processing Co chemical tanks
- Weldon PVC primer or equivalent with chemical resistance
- Spears PVC Basket Strainers or equivalent with dimensions that fit room layout
- March Manufacturing Magnetic Drive Pumps or equivalent that is specific to chemicals

In case it is note already mentioned in the specs, all products would also need to be NSF 61 rated.

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