

From: [Thein, Zaw](#)
To: [Kimberly Semon](#); [Sciacchitano, Alex](#)
Cc: [Ryan Manderbach](#); [Sal Misiti](#)
Subject: RE: North Castle - PFAS Treatment follow up
Date: Tuesday, November 1, 2022 10:02:25 AM

Good Morning Kimberly:

Thank you for the follow up. The receipt of Technical Memorandum prepared by Langan Engineering, dated March 2, 2022, is hereby acknowledged. As it was established by the USEPA and the NYSDOH, the acceptable treatment technologies for PFAS compounds in drinking water are:

- activated carbon adsorption,
- ion exchange resins, and
- high pressure membranes

Based on the memorandum, this Department has no objection to the recommend treatment technology for the proposed PFAS treatment at North Castle Water District #2 with Ion Exchange treatment technology. It is required that full design application must be submitted for this Department for review and approval. Please be advised that the proposed Ion Exchange Treatment may require onsite pilot study to demonstrate that it effectively remove PFAS compound at the proposed water supply based on the site specific criteria. As such, your full design proposal must also include proposal for the pilot study.

Plan submittal guidelines can be reference in the following link at the Westchester County Department of Health Website.

https://health.westchestergov.com/images/stories/pdfs/pws_5bTreatmentOrganicRemoval.pdf

Should you have any questions or require additional information, please feel free to contact me.

Sincerely,
Zaw

Zaw T. Thein, P.E.

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From: Kimberly Semon <ksemon@langan.com>

Sent: Monday, October 31, 2022 5:29 PM

To: Thein, Zaw <ztt1@westchestergov.com>; Sciacchitano, Alex <axsh@westchestergov.com>

Cc: Ryan Manderbach <rmanderbach@Langan.com>

Subject: North Castle - PFAS Treatment follow up

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Good afternoon,

I'm reaching out on behalf of the North Castle Water District with respect to the PFAS treatment evaluation memo we submitted in March 2022 (correspondence attached). My understanding is that you spoke with Sal Misiti, Director of Water Operations for North Castle, at a recent town meeting regarding this matter and that you considered our approach for WD #2 acceptable. Before we proceed with design, we need a formal response (e-mail correspondence is OK) from the Department confirming that we can proceed with one of the treatment options proposed in our evaluation memo. If you could reply to this e-mail confirming this is the case, we can get started on the design.

Thank you,

Kim

Kimberly Semon, PE
Senior Project Manager

LANGAN

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