



January 31, 2018

watersupply@dep.nj.gov

New Jersey Department of Environmental Protection
Trenton, New Jersey

Re: Comment on the DWQI Draft Second Addendum to Appendix C: Recommendation on Perfluorinated Compound Treatment Options for Drinking Water (PFOS), November 2017

Please find enclosed a technical analysis prepared by Don Kriens, Sc.D., P.E. of Cambridge Environmental Consulting commissioned by Delaware Riverkeeper Network and submitted on behalf of this organization and its membership on the Drinking Water Quality Institute's document **Draft Second Addendum to Appendix C: Recommendation on Perfluorinated Compound Treatment Options for Drinking Water (PFOS), November 2017**.

Also enclosed is a copy of the Curriculum Vitae for Don Kriens, Sc.D., P.E.

Delaware Riverkeeper Network submits these comments advocating that the public be protected from PFOS contamination and that New Jersey's drinking water be required to be treated to a safe level based on the best available scientific evidence and the most effective treatment technologies.

We support the recommendations and findings made by Don Kriens of Cambridge Environmental Consulting in this technical analysis regarding the Draft Second Addendum to the Treatment Options Report by the DWQI. We support the utilization of the most effective methods of removing perfluorinated compounds (PFCs), including PFOS, considering the highly toxic properties of these compounds.

Cambridge Environmental Consulting **recommends granular activated carbon (GAC) combined with reverse osmosis technology (RO)** to completely remove all PFCs from drinking water to the proposed safe drinking water standards. Dr. Oliaei and Don Kriens recommend further research on nanofiltration, which may demonstrate adequacy to remove PFOA, PFOS and lower carbon number PFCs as a substitute for RO. Delaware Riverkeeper Network supports these findings and advocates for the use of the best available technology that will be capable of removing both PFOS and PFOA as well as other PFCs such as shorter chain PFCs with a goal of providing safe drinking water to the public.

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Thank you for the opportunity to comment on the Treatment Options to remove PFCs, including PFOS.

Sincerely,



Maya van Rossum
the Delaware Riverkeeper



Tracy Carluccio
Deputy Director

Attachments: **Review of New Jersey Draft Second Addendum to Appendix C: Recommendation on Perfluorinated Compound Treatment Options**, Don L. Kriens Sc.D., P.E., Cambridge Environmental Consulting, January 2018.