



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

September 11, 2020

Delaware County Regional Sewer District
Attn: Erik McPeck, P.E.
50 Channing Street
Delaware, Ohio 43015

Re: Alum Creek WRF
General Correspondence
General Correspondence
NPDES
Delaware County
4PK00003

Subject: Tertiary Filter Bypass Report Recommendations Approval

Dear Mr. McPeck:

Ohio EPA has completed the review of the Alum Creek Water Reclamation Facility (ACWRF) Tertiary Filter Bypass Sampling Report dated January 30, 2019. According to the report, 16 filter bypass events were sampled between October 22, 2018 and November 15, 2018. 24-hour composite samples were taken pre-filtration at the secondary clarifier splitter box and post-filtration at Station 001. The sampling data results appear to demonstrate the effectiveness of the secondary clarifiers in removing Total Suspended Solids and other pollutants to levels that meet current permit requirements and will not cause or contribute to water quality standard exceedances. The report further states that Delaware County Regional Sewer District (DCRSD) requests to shut down the tertiary sand filters and to remove tertiary filtration from the NPDES permit requirements.

Ohio EPA accepts the report findings and recommendations and concurs with DCRSD's request to immediately take tertiary filters 5-8 permanently offline. DCRSD should continue maintaining filters 1-4 until such time that it has been determined the filters have reached the end of their useful life and the planned upgrades to the secondary clarifier flow splitting and return sludge pumping are complete. Once this determination has been made, DCRSD can request that filters 1-4 be taken permanently offline as well. At that time a Permit to Install that includes a statement from a professional engineer that the tertiary sand filters are not needed to meet NPDES permit requirements and water quality standards shall be submitted to Ohio EPA in order to remove all tertiary filtration requirements.

If you have any questions or concerns, please feel free to contact me by phone at (614) 728-3843 or via email at michael.gallaway@epa.ohio.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael S. Gallaway", is written over a printed name.

Michael S. Gallaway
Environmental Manager
Division of Surface Water
Central District Office

ec: Walter Ariss, Permitting Supervisor, Central Office
John Owen, ESIII, Central District Office