



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

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May 23, 2012

Mr. Greg Voigt
US EPA Region III TMDL Coordinator
USEPA REGION 3 – 3WP12
1650 Arch Street
Philadelphia, PA 19103-2029

RE: Total Maximum Daily Load notification for a wasteload allocation change in the Bacteria TMDLs for the Dan River, Blackberry Creek, Byrds Creek, Double Creek, Fall Creek, Leatherwood Creek, Marrowbone Creek, North Fork Mayo River, South Fork Mayo River, Smith River, Sandy Creek, and Sandy River Watersheds, Virginia

Dear Mr. Voigt,

The purpose of this letter is to notify EPA of changes within the TMDL WLA for the addition of two general permits for single family homes and a permitted facility expansion in the Dan River watershed. The two additional general permits and the expansion will result in a change to the waste load allocation (WLA) for Maple Avenue Wastewater Treatment Plant and the WLA tables in the Bacteria TMDLs for the Dan River, Blackberry Creek, Byrds Creek, Double Creek, Fall Creek, Leatherwood Creek, Marrowbone Creek, North Fork Mayo River, South Fork Mayo River, Smith River, Sandy Creek, and Sandy River Watersheds, Virginia. EPA Region III approved the bacteria TMDL addressing primary contact recreational use impairment on 12/08/2008 and a modification on 05/05/2009. This notification provides continuity between affected TMDL WLAs in the modified TMDL report.

The Adam's Residence STP (VAG407315) and the Spencer Residence STP (VAG407323) have been permitted for discharge. The two facilities will add 4.77E+06 cfu/day each or 1.74E+09 cfu/yr each for a total increase of the WLA of 3.48E+09 cfu/yr to the permit WLA. The Maple Avenue Wastewater Treatment Plant, VPDES VA0020362, has expanded their permitted discharge. The additional 1 MGD expansion (from 3 MGD to 4 MGD) will add 4.76E+9 cfu/day or 1.73E+12 cfu/yr to the permit WLA. The last modified TMDL had a permit WLA of 5.26E+12 cfu/yr. With this expansion, the new permit WLA will become 6.99E+12 cfu/yr. The additional general permit WLA and the permit expansion WLA are coming from the modified TMDL future growth WLA. Sufficient future growth is present in the modified WLA to accommodate these actions. The existing future growth WLA is 1.23E+13 cfu/yr and when

reduced by the addition of the two general permits and the expansion need, $1.73E+12$ cfu/yr, leaves $1.06E+13$ cfu/yr available.

DEQ is providing public notice and a 30-day comment period on the TMDL modifications as part of the permit reissuance for the expanded facility public notice and comment period. DEQ is submitting this change as a notification and will incorporate it in a future Dan River TMDL modification.

Permit Details

The Maple Avenue WWTP (VA0020362) is a VPDES permit which is set for permit modification issuance in May 2012.

VADEQ hereby notifies EPA of the proposed changes within the Future Growth Waste Load Allocation. If you or your staff has any questions, please contact me at (804) 698-4240.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Craig Lott", with a long horizontal flourish extending to the right.

R. Craig Lott
TMDL Modeling Coordinator

cc: Charles Lunsford, DCR
Sandra Mueller, DEQ
Paula Nash, BRRO-L TMDL Coordinator
File CO