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February 26, 2018

Ms. Deborah Gore
NC Division of Water Quality
PERCS Unit
1617 Mail Service Center
Raleigh, NC 27699-1617

RE: 2017 Pretreatment Annual Report
Yadkin Valley Sewer Authority (YVSA)
NPDES Permit No. NC0020567

Dear Ms. Gore:

Enclosed are an original and one copy of the Yadkin Valley Sewer Authority's Pretreatment Annual Report (PAR) for the period of January 1, 2017 through December 31, 2017.

I certify, under penalty of law, that this document and all attachments were prepared under my direction, or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Please contact me at (336) 835-9825, or Benjie Thomas of West Consultants at (828) 522-4728 with any questions.

Sincerely,

Nicole Johnston
Executive Director

cc: Benjamin B. Thomas, PE

General Information:

This is the fourth PAR submitted by the YVSA and there is only one IUP (PGW – Pittsburgh Glass Works) in the YVSA’s pretreatment program, which began operation in early March 2013. An Authorization-to-Construct a pretreatment system was issued on April 24, 2014.

The AT, STMP, HWA, SUO, ERP, IWS and permits are up to date. All dates on the Division's Pretreatment Program Info Database Sheet are correct.

Site inspections of the PGW facility were completed by the YVSA staff on 2/23/17, 7/25/17 and 12/14/17.

IU Information:

PGW (Pittsburgh Glass Works, LLC)

IUP renewal effective and expiration dates are 3/7/15 and 3/6/18, respectively. The IUP was modified on 6/9/16, which changed the pH monitoring requirement from 6.0-9.0 SU to 6.0-10.0 SU. During 2017, there was two Significant Noncompliance (SNC) occurrences, once during each 6-month period. Both of the occurrences were a result of residuals of garnet (used for glass cleaning) being present in the YVSA gravity lines, which was a violation of Part 2 Section 8 of the IUP. As shown in the enclosed violation, it was first noticed in 2/17/17. PGW was notified and YVSA continued to observe PGW’s progress at eliminating the source of garnet residuals into the YVSA gravity lines. With the presence of garnet residuals still observed on 10/5/17, YVSA proceeded to issue a notice of violation (NOV) and civil penalty to PGW.

Violation Date	Reporting Source	Non-Compliance Parameter	Daily Limit	Parameter Violation	Reporting	Further Action	NOV		Civil Penalty
					or Limit Exceeded		Date	Type	
10/5/17	YVSA	Solids	None	Residual in Lines	Yes	Yes	10/10/18	SNC	\$20,000

YVSA continues to monitor for garnet residuals. Additionally, PGW’s IUP expires 3/6/18 and the permit will be revised from grit sampling every 6-months to monthly. PGW expects to construct additional measures in 2018 to prevent continued occurrences of garnet residuals.

Also enclosed is the NOV and public notice for SNC (that will be published in the *Elkin Tribune* on Wednesday, March 7, 2018).