

PUBLIC SERVICES
Derrick Boone
Public Services Assistant Director



August 22, 2024

NC Department of
Environmental Quality
Received

AUG 22 2024

Winston-Salem
Regional Office

Mr. Davis Murphy
Regional Air Quality Supervisor
North Carolina Division of Air Quality
Winston-Salem Regional Office
450 West Hanes Mill Rd., Suite 300
Winston-Salem, North Carolina 27105

Re: Air Permit Number **08074T17**
City of High Point
Eastside Wastewater Treatment Plant
5898 Riverdale Drive
Jamestown, Guilford County, North Carolina 27282
Site Number 4-4100977-Title V

Dear Mr. Murphy:

This letter is in response to the January 25, 2024, Quarterly Hg Emissions Testing communication from your office in a letter dated August 8, 2024. The letter acknowledged the facility's Hg removal efficiency rate fell below the agreed 70% as stated in the Alternate Monitoring Plan approved by the EPA on March 23, 2023. Outlined below is a summary of the actions taken to remedy the issue:

- The testing results were reviewed upon receipt of the report. Tricia Lowery, Residuals Superintendent, noted the efficiency dropped below the 70% and immediately searched for a manufacturer of the SPC modules. The only manufacturer able to provide modules was Envitech. Envitech sent a quote that included 5 (five) SPC modules and a container of GORE filter fabric replacement for up to 5 SPC modules. The quote total was \$210,256.00. Due to this amount, it required City Council approval.
- City Council approved the request on July 15th, 2024. The SPC modules and replacement filter fabric were ordered when PO was issued.
- Facility received order on August 13, 2024.
- Facility is currently conducting an annual inspection of incinerator. During this shutdown period, module replacement and rotation will occur, and the Mercury Recovery Vessel will be inspected to complete the annual permit requirement.
- The modules will be rotated accordingly (each level contains 5 slots):
 - Level 1 (closest to inlet) SPC modules will be removed.



211 South Hamilton St. High Point, NC 27260



336.883.3111



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- Level 2 will be shifted down to Level 1.
- Level 3 will be shifted down to level 2.
- Level 4 will be shifted down to Level 3.
- Level 5 (at top and furthest from inlet) will receive the 5 new SPC modules.
- The 5 SPC modules removed from Level 1 will receive new fabric replacement. This will ensure the facility has 5 SPC modules prepared should a replacement be required in the future.

Once rotation and replacement are conducted, the City of High Point will contact the Winston-Salem Regional office.

As per your request to respond to your office by August 19th, 2024, Tricia Lowery contacted Ryan Dyson via email on August 13, 2024. Ms. Lowery informed Mr. Dyson the facility had received the modules, and the replacement and rotation was scheduled.

If you need further clarification or assistance, please don't hesitate to contact me at 336.883.3279 or derrick.boone@highpointnc.gov.

Respectfully,

Derrick Q. Boone

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Assistant Public Services Director

