



Astbury Water Technology, Inc
Dan Fox
General Manager North East Operations

June 25, 2024

To whom it concerns,

This letter serves as a response to the IDEM inspection on 5/14/2024

IN0037044 Tippecanoe Valley School

1. Maintenance

- A. Equipment repair and or PM documentation onsite-- The document had apparently been removed from the benchsheet as we have converted to a new style format and inadvertently left it off. It will be included immediately. A copy is attached
- B. The digester decant line is rusted off—A submersible pump was purchased to allow decanting to continue until such time that the digester could be pumped down and assess repairs. Digester was cleaned on 6/19/2024 and repairs are scheduled for the week of 6/24.

2. Effluent limits

Effluent limit exceedances have been sporadic and caused by various issues ---

March 2024—Ammonia elevated due to 4 days of extremely low flows causing die off of biomass.

February 2024—Ammonia elevated due to 4 days of low flow followed by a high flow causing the issue.

January 2024—Aeration blower tripped breaker resulting in icing of aeration tank, frozen return lines, etc. Blower was restarted and heat was used to thaw return lines. This was the cause of the exceedances in January.

September thru November 2023--- Influent pumps in EQ tank failed and a sump pump was used to move sewage into plant, this method lacked the flow control needed to assist the plant with treatment. The duration was longer due to the issue of the pumps being rebuilt and parts were slow to arrive at motor shop.

June and July 2023—Low flows due to no school and very little activity at the school caused a biomass die off.

May 2023—Ammonia weekly max was 0.05 above max limit one time.

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One final note- TVSC and Astbury will be contacting vendors to evaluate the WWTP condition and prospective longevity to develop a plan for future improvements or replacement.

Thank You,

Dan Fox

Astbury Water Technology Inc.

