



February 8, 2024

Talen Energy Supply, LLC
Brunner Island Co., LLC
1400 Wago Road
Mount Wolf, PA 17347

Re: Report for Brunner Island Fish Observations: January 24th, 2024

Dear Ms./Mrs. Kathleen Locke,

On the morning of Wednesday, January 24th, 2024, Talen Energy contacted Normandeau Associates Inc. (NAI) via phone call at approximately 8:50 am about a reported complaint of deceased/distressed fish near the area of the Brunner Island discharge canal. We received a request to perform a fish check & count at the discharge area and any accessible shoreline downriver. We were alerted that both the PADEP and PFBC would also be onsite for investigation. NAI was already on route to perform bi-monthly downloads of ONSET HOBO temperature loggers at the reception of the call.

Launching from the Bainbridge boat launch, NAI was on the water approximately at 9:58 am. Upon arrival at the discharge canal we ran into an individual from the Lower Susquehanna Riverkeeper who required towing back to his launch site upriver at the Conewago boat launch. Due to cold water and safety reasons, we did provide assistance to the individual. In this immediate area we observed roughly 20-25 dead fish including Smallmouth Bass & Channel Catfish.

Returning from assisting the Riverkeeper we continued downstream to resume the investigation. Due to surface ice on the east side of the river we had taken out a boat with a prop motor instead of a jet motor, which the latter is typically what we prefer for this section of the Susquehanna River. Cautiously boating, we had limited access to reach and inspect all shoreline areas due to potential submerged rocks/ridges. We did go as far downriver to the lower monitoring stations. We did not observe any fish that made it that far down the river (i.e. powerline to buoy stations), anticipating remaining fish were up near the other shoreline areas by the discharge area. After the check NAI began the task of downloading the HOBO units to provide recent temperature data for Talen.

If you have any further questions, do not hesitate to contact me.

Thank you,

A handwritten signature in black ink that reads "Travis E. Tacosky".

Travis E. Tacosky

Fisheries Scientist
(717) 207-8835

1854 Lancaster Pike • P.O. Box 111 • Peach Bottom, PA 17563 • (717) 548-2121