

To: Pennsylvania Department of Environmental Protection  
From: Jerry McMullen, Ph.D.  
200 Hillside Drive  
Exton, PA 19341  
[jerrymcmullenphd@comcast.net](mailto:jerrymcmullenphd@comcast.net)  
484-883-7013  
Re: Marsh Creek Reroute  
Date: June 23, 2021

I am a resident of Chester County and live in Meadowbrook Manor. I am writing to ask you to require Sunoco/Energy Transfer to complete a full field evaluation, including comprehensive geophysical testing of the Mariner East reroute originally recommended by your agency following the extensive pollution of Marsh Creek Reservoir. The route they prefer is clearly one of convenience and financial economy. The terrain thorough which their recommended route passes and its proximity to the Reservoir appear to pose significantly greater ecological risk than any of the alternative routes.

Because I live in Meadowbrook Manor, I want to draw parallels between the Marsh Creek situation and what is happening in our neighborhood. Following the recent development of a sinkhole (one of several) in our neighborhood, I had a conversation with George (Bud) Turner, West Whiteland Township's Emergency Management Coordinator. I asked him why Sunoco has been working for months and invested thousands of man hours trying to complete a 300-foot bore through our floodplain and under West Valley Creek. Turner replied that the bore should not have been attempted and that Sunoco "guessed wrong" about how to install Mariner East through our neighborhood. This was Sunoco's second "wrong guess" since their original HDD plan was dismissed because it would ruin the aquifer supplying Aqua's Hillside Drive production wells: two Sunoco installation plans – two wrong guesses.

As far back as 2015, long-time Meadowbrook Manor residents stated in public meetings attended by the DEP that installation of Mariner East in our area was a bad idea because of the nature of our geology and hydrology. Those living here understood the issues. Sunoco failed to listen, did not understand the area, and now flounders to complete a bore the length of a football field. They have caused multiple sinkholes within close proximity to the active but aged ME1 (installed in 1932) and the 12-inch workarround (installed in 1939) pipelines. Many truckloads of grout were poured into our floodplain. Illegal discharge was sent into our stream. Continual flooding of the bore pit results in an estimated 500,000 to 1,000,000 gallons of water being hauled away by "suck trucks" or otherwise being disposed of on a daily basis.

Sunoco's "wrong guesses" appear to be the result of "desktop decisions" made by engineers with flawed understanding of our area. Please hold them accountable. Make them be responsible. Speakers at your June 16<sup>th</sup> hearing seemed to fall into two camps – those speaking to the Economy and others speaking to the health and welfare of the Environment. I ask you to take a firm stand as the Department of ENVIRONMENTAL Protection. We in Chester County have suffered tremendously as a result of this flawed project.