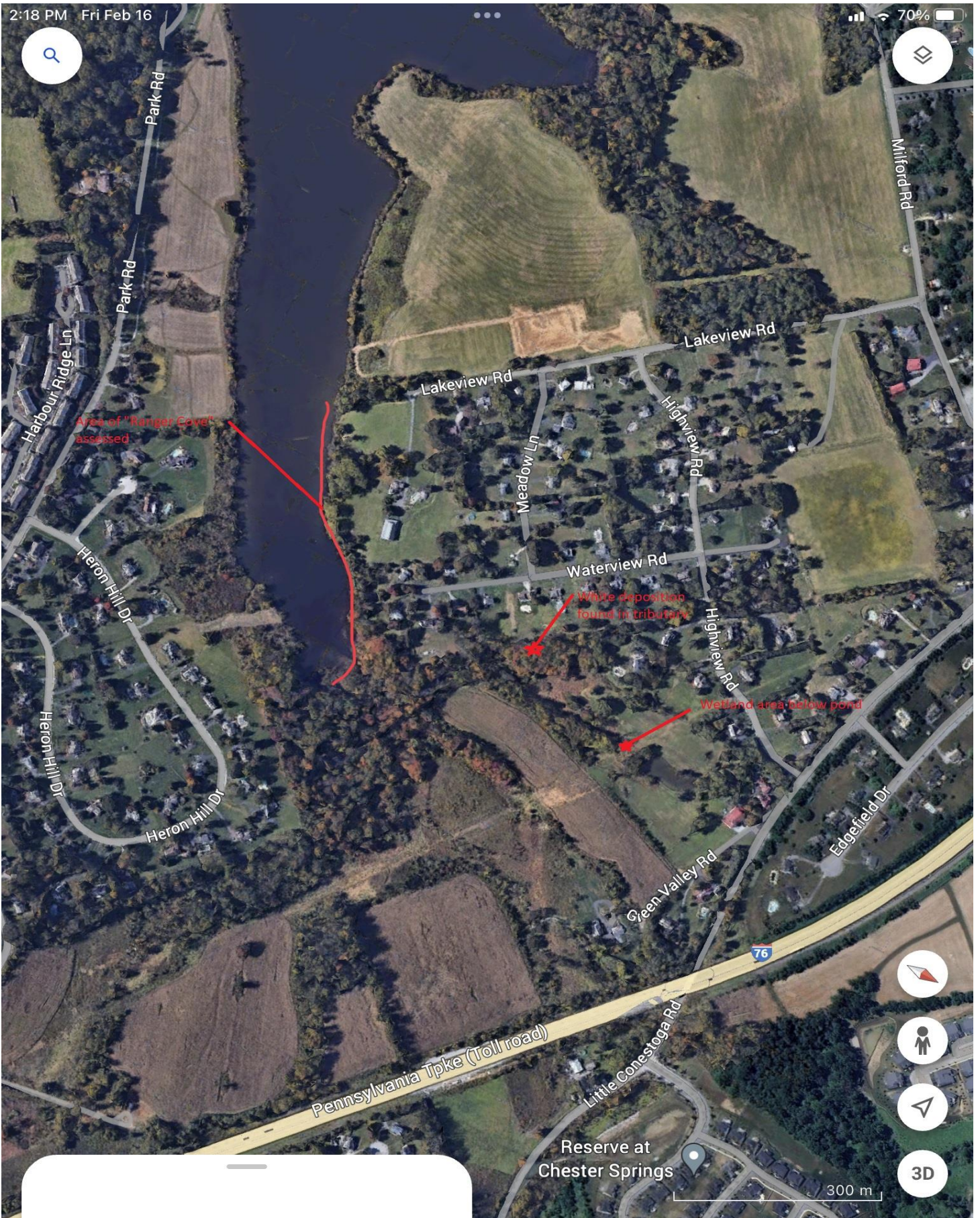




COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

FIELD NARRATIVE FORM

NAME Tributary to Marsh Creek Lake	DATE 02/16/2024	COUNTY Chester County	PROGRAM WQ
SITE ADDRESS/LOCATION Tributary behind homes along Waterview Road, Downingtown, PA 19335		MUNICIPALITY (TWP. BORO) Upper Uwchlan Township	
ACTIVITY <input type="checkbox"/> PLANNING <input type="checkbox"/> CONSULTATION <input type="checkbox"/> ENFORCEMENT <input type="checkbox"/> INVESTIGATION <input type="checkbox"/> INSPECTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/> PROGRAM EVALUATION <input type="checkbox"/> OTHER, _____		FOLLOW UP ACTIVITY <input type="checkbox"/> NONE <input type="checkbox"/> REINSPECTION <input type="checkbox"/> LETTER <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> OTHER, Contact ETP _____	
NARRATIVE: (Include as appropriate: direction to site; indicate all individuals present; list points discussed; describe conditions observed; diagram site; note sampling activities.) On 02/15/2024 @ 1535 hours, The Department of Environmental Protection received a complaint from a Downingtown resident who observed a white material covering the creek bottom in the tributary that drains into “Ranger Cove” at Marsh Creek Lake. On 02/16/2024 @ 0800 hours, I arrived on site and assessed “Ranger’s Cove” from Lakeview Road. I assessed the shoreline of the cove past Waterview Road until the tributary was found entering the cove. During the assessment there were no signs of any white material, either in the water or in the bottom of the lake and tributary. I contacted the complainant, who indicated that the coloration they observed was found in a small tributary behind the homes on the east side of Waterview Road. I traveled behind the homes and found the tributary with pockets of a whitish colored deposition. I continued following the tributary upstream until I came to a small wetland area located below a pond near the intersection of Green Valley & Little Conestoga Roads. The white coloration and deposition were present in the wetland area. The pond was assessed and found to be clear in appearance with no signs of white deposition. The area below the pond (the wetland area) had been a past location where a sinkhole had developed, and an inadvertent return had occurred. The heaviest of the material was seen in the wetland and was observed flowing out of the wetland and into the tributary. Samples of the material was collected in the tributary behind the homes on Waterview Road and in the wetland area. The material has the consistency of a clay-like material. The pipeline markers were located at the top of the wetland and ran perpendicular to the tributary. At the bottom end of the wetland area were what appeared to be several capped piezometers. They were all labeled MP with an associated number (presumably monitoring point). Next to one of the piezometers was an open ended 4 inch PVC pipe that had been driven into the ground. The water level in the pipe was found to be at the same height as the ground level indicating the groundwater may be near the surface in this area. It is possible that remaining bentonite in the soil column at this previous inadvertent return location has been pushed to the surface by the rising water table. A sample of the water in the PVC pipe was collected by lowering a sample container into the tube. The water was clear in appearance. Following my investigation, I contacted the complainant and informed them of my findings. I then drove to the Marsh Creek Park office to discuss the results of the investigation. Neither the Manager nor Assistant Manager were present at the office.			
SIGNATURE OF WQP PERSONNEL		SIGNATURE OF RECIPIENT SELF INSPECTED	



Aerial view of investigation



Shoreline of “Ranger Cove”



Shoreline of “Ranger Cove”



Shoreline of “Ranger Cove”



Shoreline of “Ranger Cove”



Shoreline of “Ranger Cove”



Tributary entering “Ranger Cove”



White coloration in tributary behind homes on Waterview Road



Tributary below wetland area



Wetland area



Piezometer



PVC Pipe next to piezometer



Water level in PVC pipe



Material in wetland area



Material in wetland area



Pond upgradient of wetland area