

WFIL Tract History

In the beginning of January 1999, the WFIL tract adjacent to Colonial Drive was under agreement with Toll Brothers for a 92 unit subdivision. The project had preliminary subdivision approval.

Later that month, Colonial School District and Whitemarsh Township condemned the property to preserve it as open space.

Storm Water Management Detention Basin

The existing detention basin covers approximately 200,000 square feet of area and is situated in the southeast corner of the Victory Fields Complex. Victory Fields #3 and #4 are located within the detention basin. The basin was designed to hold a maximum of 2,791,693 gallons of water. This is the amount required per ordinance to hold a 100-year storm event.





VF #1

VF #3

VF #2

VF #4

Approximate property boundary

McCarthy Park - Township Property

Joshua Knoll
Detention
Basin

Storm Water Management Detention Basin



The manhole contains a five-foot by 10-foot sheet of stainless steel that bisects the manhole and acts as a baffle.

Storm Water Management Detention Basin



A two-inch diameter hole is cut in the bottom third of the stainless steel sheet that meters the water from the one side of the manhole to an outlet on the other side of the manhole. The outlet runs underground to a manhole that is connected to the existing storm water piping network at the end of Fairway Drive.

Storm Water Management Detention Basin



Based upon requests by residents of the neighborhood on the south side of the berm, the Colonial School District agreed to raise the height of the spillway higher than the elevation required to handle the amount of water generated by a 100-year storm. The spillway was raised an additional five (5) inches. This increase in elevation provides the ability for the detention basin to now hold a maximum of 3,492,471 gallons of water. This is an increase of 700,778 gallons of storm water, or an additional 25%, over the required amount for a 100-year storm.