

On Thursday, December 20, 2018, the Reserve at Pilottown HOA board met with Greg Blackham of Solitude Lake Management and conducted a visual inspection of the Reserve's stormwater pond inflow pipes.

Two submerged pipes (24 in. diameter) enter the eastern forebay of the pond directly next to one another behind 110 and 112 Seagull Drive. A third submerged pipe (18 in. diameter) enters the western forebay of the pond behind 102 and 104 Seagull Drive. The inflow pipes are fed directly from street stormwater catch basins located on Seagull Drive, Seagull/Lightship Lane, and Seagull/Captains Circle.

Blackham waded in the pond and inserted a pole cultivator into the submerged pipes in search of sediment or obstructions. The following was observed:

- The first pipe entering the eastern forebay contained a small amount of sediment when Blackham raked 1 to 2 feet of the pipe's interior. He believed the pipe contained up to 2 inches of sediment on its bottom.
- The pipe directly adjacent to the first contained more sediment. Blackham believed it contained upwards of 5 to 6 inches of sediment on its bottom.
- The third pipe entering the western forebay contained 6 inches of sediment on its bottom. Blackham was able to bring some of the sediment to the surface from this pipe that revealed a gritty, sandy type substance which Blackham believed might be consistent with its initial installation. We followed the path of the pipe to a storm drain access cleanout behind the area of 100 Seagull Drive and we removed its cover for further inspection. Although small pieces of vegetation were located in the cleanout, no sediment was found.

Blackham did not think the inflow pipes contained enough sediment to be overly concerned. He said inflow pipes of other local stormwater ponds he inspects can be half full of sediment or more. He believed the pipes should be inspected next year or within the next couple of years. It is not known if anyone previously checked for sediment levels in the inflow pipes. Blackham said he had not done so before at our pond. Solitude could provide the HOA with contractor information regarding high pressure pipe cleaning if it was sought.

Blackham also inspected the pond's outflow system and we discussed Sussex Conservation's October 2018 inspection. Significant deer tracking was noted near the area of the outflow and walkover that should be addressed by the HOA. All street catch basins that feed the pond were visually inspected on this date.

Greg Blackham was thanked for his assistance.

Submitted by Jim Carroll

Reserve at Pilottown Stormwater Pond Inspection 12.20.18

