

January 4, 2024

Meeting with David Streeter, a drain inspector from the Washtenaw County Water Resources Commissioner's Office at the pond on Creek Bend.

Attendees: Josh McCoy, Emily Grish, Kelly Infante, Vernnaliz Carrasquillo, Guy Williams

- We found that the area around this drain shown in Figure 1 needs to be cleaned up and rocks need to be added around it. This was done last year and is a repair that usually lasts about 5 years. It is unclear why this needs to be repeated once again.



*Figure 1: Drain in retention basin behind Creek Bend*

- The rocks that are supposed to be around the drain are meant to act as filters to keep leaves, sediment, and algae away from the holes in the drain. At this moment, the algae are partially blocking the holes that allow the water to go into the drain.
- The draining holes are located a few inches (~4 inches) below the top edge of the drain. The pond is designed to hold water up to the level of these holes. In case of a large rainstorm, the water should only go as high as the top of the drain.
- David is going to send someone to clean up the area a little in the coming days to help improve draining. The rest of the cleanup and addition of rocks will take place in the dry summer months once the water has receded.
- It was noted that the level of water inside the drain was high. David said this was because Pulte designed the pipes to store water much like ponds do. This is a practice that is no longer acceptable.
- There are draining pipes placed under the walking path to help move water into the basin. The smallest pipe diameter is 12 inches.
- The original plans for this pond are lost. David is trying to find them. These plans include all the information related to size and depth that we need. If he can't find them, they have engineers who can make an evaluation and issue design recommendations that can guide our next decisions.
- His final recommendation is that we clean up the pond (i.e., remove all the plants growing in it), remove the accumulated sediment, and restore it to its original design.