

# Comly Avenue Stormwater Project – Dry Extended Detention Basin Second Update

## More Progress!

JNS has been hard at work again on the Comly basin, making great strides each day. The grass on the sloped sides of the basin is growing in nicely, the amended soils have been placed, and the headwall and pipe connecting the two basins have been placed. The bottom of the basin will have topsoil added and, once established, we will see native grasses and wildflowers growing.



*Water from recent rains is pumped out of the basin.*



*Pipe is placed connecting the two basins*



*Headwall arrives*



*Headwall is placed at exit of first basin*

## Why was there a pause in the construction for a week or so?

Before construction began, underground infrastructure was researched and surveyed to locate all underground pipes, manholes, etc. However, once the ground was broken, the pipe that carries stormwater under Comly Avenue from Hill Avenue was found to be closer to the surface than expected. This meant that the pipe would not properly convey stormwater into the new basins as planned. Therefore, a change order was called for, and the design plans were revised.

Now, a small swale will be added at the mouth of the basins to properly convey stormwater into the facility, and the fencing around the basins will encompass this new swale. Once the engineering plans were revised, LMB Council sign-off was received, and materials were on site, construction began again.



*Staging of the amended soils*



*Amended soils are starting to be placed*

### **What are amended soils?**

The purpose of the detention basins is to slow stormwater and allow it to seep back into the ground slowly as it is simultaneously conveyed towards Neshaminy Creek tributaries. In order for water to properly percolate into the earth, proper soils must be present. Compacted earth and some types of soils do not allow water to seep down into the ground efficiently. When this happens, some earth previously on site is removed and amended soils are added, as is seen here.



*Amended soils being added*



*Amended soils in place*

### **Is the project almost finished?**

Yes! The project is still on track to be substantially complete by the Ribbon Cutting scheduled for Saturday, October 14<sup>th</sup> at 1pm. We hope to see you there!

*Photos courtesy of Stormwater Commission member Jim Keba.*