

# Acme Township VGT Development

## Stormwater Runoff

As of 10 /13/14, the following work has been completed:

- All basins, temporary and otherwise, have been either pumped and treated or pumped and hauled offsite.
- Both basin 1 and 2 have been treated with the silt stop.
- Both basins swales have flock logs installed at the beginning of the swale per the manufacturer's recommendation and at the end of the swale per the recommendation of Justin Bragg (MDEQ).
- Both swales have 2 fiber waddles installed to collect silt as well as the straw waddles.
- Basin 2 swale has velocity reducers installed.
- The permitted road crossing slopes have been top soiled and berms have been constructed around them to prevent runoff from going down the slopes; water directed to the catch basin at the top of the slope.
- The Meijer lot has been paved and all the catch basins cleaned.
- Topsoil has been spread on all areas that can be; remaining areas are either too wet or not to grade.
- Seeding and mulch is about 85 percent complete.
- The out lot access road is graveled and waiting for curb to be installed.
- The cherny balls have been removed from the slow release structures on both ponds; they are currently online and will function as designed.
- Elmers will staff the project 24 hours a day to monitor the upcoming rain event and perform preventative maintenance on silt fence and soil erosion measures, but the storm water runoff system is online and will be allowed to function as designed.
- The area from south of the loop road and west of Lautner road to basin 1 has been regraded to drain to the south and is 80 percent complete.
- All of the stuff was moved from the out lot north of the store and that has been graded and restored Both bio swales are complete.
- The loop road from Lautner through the last entrance to the Meijer store is being paved to where the curb ends and the raised edge begins.
- The 10 foot diameter structure that collects the water from the out lots has been installed and stone check dams have been installed around that structure as well as the temporary berms left in place for additional settling ponds.
- All storm structures have been covered and fabric and stone placed over them as well for inlet protection on the loop road.
- All storm structures in the Meijer lot have had new fabric installed for inlet protection.