

A Tyler Creek Mitigation Project Fall of 2022

The Tyler Creek Watershed Coalition (TCWC) has been involved in several erosion mitigation projects on Tyler Creek in the Garden Quarter Townhome development. TCWC has helped guide the Homeowners Association, and others who live on the creek, through the process of finding professionals who can do the needed work and then to get funding to help pay for the work that is done.

Planning for the most recent project in Garden Quarter started in the spring of 2022 and was done for a very steep hill, known as the "HILL", with a group of 7 connected townhomes at the top. The end unit was very close to the edge of the HILL and the HILL has been eroding and created a condition that put the townhome in danger of losing support. (It is interesting to note that the potential for serious erosion at this site was identified in the year, 2000. Only recently did the situation rise to an elevated level of concern.)

Work on the project started early in November on the opposite side of the creek by removing brush and trees to make way for the large equipment needed to reach the HILL. The clearing also provided a staging area for the materials used to stabilize the HILL. In December, junk trees on the HILL were removed and the base of the HILL was cut back to make way for installing rip-rap. The HILL was covered with mesh and coir logs. (Coir logs are added when the grade is steep and long such as the HILL). To prevent excess eroding from runoff at the top of the HILL, a small berm was created along the top edge of the HILL with drain inlets added behind it. The inlets are connected to a pipe that is directed down the HILL to the creek. In the spring, the HILL will be seeded with native plant seeds. Once established, these deep-rooted plants should help stabilize the HILL.

Carl Missele Secretary/Treasurer Tyler Creek Watershed Coalition

Key Participants. ILM Environments, who did the work; Ted Gray, Engineer with Living Waters Consultants who did the design; Sandra Schmulbach, President GQ Townhome HOA; Donald Rage, Property Manager, Garden Quarter; Ronald Rudd, engineer with the City of Elgin who oversaw the project; and the Tyler Creek Watershed Coalition who help the HOA make connections with those who could design, build, and offer financial support for the project.

Carl Missele January 26, 2023