



July 30, 2015

Lebanon Valley Conservancy, Inc. – Quittapahilla Creek Stream Bank Restoration

The Quittie Creek Nature Park Stream Restoration Project was presented to the PA Department of Environmental Resources in 2014. Phase I of the Project was awarded in May 2014, work started October 2014 and completed March 2015. The Growing Greener Grant-DEP portion of the work completed involved \$444,126 with \$74,100 of in kind matches totaling \$518,266. The work on the stream also included a PA Fish & Boat Commission Grant for \$80,000 and \$20,000 match bringing the total to \$618,266.

The Quittapahilla Watershed Association is the Conservancy's partner in this endeavor and the project involves a total of 2,185 linear feet in this Phase of restoration. The goals of the project are to reestablish a narrower, stable channel cross-section, restore floodplains, stabilize eroding stream banks, reduce sediment loading to downstream reaches, and improve in-stream habitat throughout the project area. The first Phase of the Restoration Project has been completed and Phase 2 of the restoration will be accomplished through funding by a Growing Greener Grant which has just been approved for 2015.

The restoration efforts improve water quality for not only the Quittapahilla Watershed but for the Swatara Creek, Susquehanna River and the Chesapeake Bay. The Quittapahilla Watershed is recognized and appreciated for not only the importance of water quality but for its esthetic value. It is a place to pass time taking leisurely walks, enjoy fishing, bird watching, and appreciate the natural area.

Photographs ~ Provided by Rocky Powell, Project Engineer, Clear Creeks Consulting



Phase 1 – Upstream Reach prior to removal of Old Mill Dam and Wall



Phase 1 – Upstream Reach after Old Mill Dam removed



Phase 1 – Downstream Reach Pre-Construction



Phase 1 – Downstream Reach Post-Construction



Phase 2 – Upstream Reach Pre-Construction



Phase 2 – Upstream Reach Post-Construction



Phase 2 – Middle Reach Pre-Construction



Phase 2 – Middle Reach Post-Construction



Phase 1 – Spring Channel Post-Construction



Phase 1 – Downstream Reach March 2015