

## Completed Projects

- **Michael Coal North Tree Planting Project**
  - Completed 26 acres were planted with 31,000 trees. PA Game Commission donated 2,000 trees. American Chestnut Foundation donated 660 American Chestnut seeds and 600 American Chestnut seedlings. 57 volunteers assisted with planting the site.
  - Grants received \$10,000 Rettew Engineering -- \$5,000 Foundation for PA Watersheds
- **Michael Coal South Tree Planting Project**
  - Completed, planted 8 acres with 8000 trees. PA Game Commission donated trees. Volunteers included National Civilian Conservation Corp (NCCC) team (8 members); local citizens (18)
- **Tremont North Project Berm Removal & Tree Planting**
  - Planted 8,000 on six acres in 2014; removed a berm in 2013 that consolidated water runoff. PA Game Commission donated trees. Volunteers included NCCC team (8 members) -- PSU students (6) – local citizens (8)
- **Abandoned Waterline Across Swatara Creek Behind Guilford Mills**
  - Concrete center post and water line were removed from stream channel so they could no longer catch debris and back up water.
  - Obstruction behind north end fire house to address pinch point in stream.
  - Abandoned waterline and concrete pillars were removed pro bono by Miller Brothers Construction, Schuylkill Haven, PA.
- **Donaldson North Berm Repair Project**
  - DEP repaired berm breached on mountainside north of Donaldson to prevent overtopping and flooding homes below.
- **Wide Awake St. Stream Channel Day-Lighting**
  - Stream was daylighted via buyouts, mostly accomplished; there could be another phase but it would need buy-in from a local business in order to proceed
- **Middle Creek Streambank stabilization**
  - Stabilized 500 feet of highly eroded streambank – partnered with PA DEP Mining Bond Forfeiture site reclamation to reduce sediment to stream above Tremont
- **Upper Swatara Creek US Army Corps of Engineers Watershed Flood Study**
  - Completed for Pine Grove Borough (North Pine Grove) Flood Risk Area but should be expanded to include Swatara Creek from I-81 bridge upstream to headwaters. Please see Ongoing Projects.

- **Pine Grove Borough Stormwater System Study Restoration**
  - Study was completed, grant applied for not funded for implementation. Phase 1 repair of the VFW tunnel was completed but borough was turned down for phase 2 funding. Street drains were cleaned and repaired. Completed a stream cleanup & berm redesign study. Removed pipe bridge obstruction behind north end fire house to address pinch point in stream.
- **Pine Grove East Mill Street Bridge**
  - Contractor began removal of sediment build up on 04/16/15
  - Completed stream channel work 04/17/15
- **Donaldson Culmbank/Good Spring Creek Restoration Project – Design**
  - Funded through a \$151,022.00 EPA Section 319 Nonpoint Source Program Grant & a \$25,000.00; National Fish & Wildlife Foundation Grant
  - Both grants are closed out
- **Expanded Upper Swatara Creek US Army Corps of Engineers Watershed Flood Study**
  - USACE will expand their flood study to develop a model for the Upper Swatara Creek Watershed (Where Swatara Creek passes under I-81 upstream, includes all tributaries to the headwaters).
  - Received flood study report.

### Funding Received/Ongoing

- **Donaldson Culmbank/Good Spring Creek Restoration Project Phases 1 & 2**
  - Received the Chapter 102 Permits (Erosion & Sedimentation/NPDES) approvals and the Chapter 105 Joint Permit from PA DEP/Army Corps of Engineers
  - The Phase 1 portion of the project which will lower and reconstruct six (6) acres of floodplain along 2,100 feet of Good Spring Creek. This new floodplain will help to capture upstream sediment and also retain floodwaters.
  - Submitted application for \$2,000,000.00 to the 2017 Abandoned Mine Land Reclamation Economic Development Pilot Program with an additional \$4,700,000.00 from the PA Abandoned Mine Land Reclamation Program **Received official announcement that the Conservation District was awarded the Abandoned Mine Land Programs Pilot Project Grant awarded in the amount of \$6,700,000.00+.**
  - **Currently waiting to receive AML Pilot Program Grant agreement documents**
- **Donaldson Culmbank/Good Spring Creek Floodplain Restoration Phase 1A**
  - For Phase 1A the Schuylkill Conservation District received \$459,445.00 in funding in 2016 through the Growing Greener Grant program; \$300,000 in funding through the Watershed Protection & Restoration Program; received \$230,000 of funding through

the Growing Grant program in 2017; received \$25,000 through the Conservation Fund in 2017.

- Construction bid opening was May 22, 2018. Lowest responsible bidder was Arthur “Pat” Aungst, Inc. in the amount of \$529,077.00. Project is currently under construction in with the contractor completing clearing and grubbing of the site.
- **Swatara Creek Floodplain Restoration Phase #1 Construction Project**
  - Project will lower area east of Guilford Mills to relieve flooding in North Pine Grove.
  - Consultants completed final design. All permits were received and approved. Which was funded through a \$300,700.00 2014 Growing Greener Grant
  - Received a 2016 Growing Grant for \$2,991,000.00. Received fully executed grant agreement documents.
  - County of Schuylkill received \$3,000,000.00 request to the Department of Community and Economic Development (DCED) CDBG-DR Grant Program.
  - PPL provided costs for resetting of transmission line pole and several distribution line poles: \$1,400,000.00.
  - Field soil sampling was completed by Hawk Mountain Labs. Waiting for lab sampling results.
  - Waiting on final landowner grantee agreement which is needed before construction can begin.
  - Need to submit Chapter 102 & 105 permitting minor modifications due to requestd/required changes in project design. Expected to delay project bidding by 1-3 months.
- **Swatara Creek Floodplain Restoration Phase #2 Project**
  - Stakeholder meeting held at Guilford Mills – meetings and discussions with landowners in affected area – borough recreation plan being developed – intend to move forward with application for Phase 2 design / study similar to Phase 1
- **Guilford Mills Water Treatment Facilities**
  - Received final report findings to determine if retiring the Guilford water treatment Facility and upgrading the Pine Grove Joint Treatment Authority’s sewer plant is feasible (concept was found to be feasible). The Guilford treatment site would be incorporated into the Phase 1 floodplain restoration project. Preliminary modeling shows the greatest positive impact to reducing floodwater height hinges on removal of the Guilford Treatment Plant.
  - Acquired funding needed to develop the concept design plan, permit requirements, funding opportunities, and costs associated with upgrading the PGJTA’s plant to accept the raw wastewater from Guilford Mills.
  - Held initial informational meeting between LEAR/Guilford Mills & PGJTA representatives.
  - PGJTA’s consultant KPI is working on concept design plan and costs.

- **Good Spring Creek Bridge**
  - Wing-wall narrows down the stream channel.