

**Project Description** - This proposed restoration work meets FIRST PRIORITY criteria. Donegal Chapter of Trout Unlimited had received a prior 319 grant (Project #1229, Document #4100072603) for designing and permitting the Kelly Woy site (Note that previously, we had mistaken Woy's last name being spelled as "Woe"). The Woy site is now designed and through that process, DTU has managed to bring two adjoining property owners into the restoration effort (Miller and King noted above). Both Miller and King own portions of the Conowingo Main Stem on the opposite bank from Woy. The property line between all three properties sporadically follows the twists and turns of the creek. It was simply practical to involve all three landowners to properly restore this section of stream.

**Project Timeframe** – June 15, 2017 through September 30, 2018

**Project Goals** – Kelly Woy (WIP site #24) and adjoining Miller and King involves the construction of approximately 1,400 feet of stream restoration and entails the installation of 15 rock deflectors, 7 rock walls, 2 J-hooks, 6 muddills, 1 rock cross-vane and forest buffer enhancement/plantings. These BMPs will serve to arrest bank erosion, provide fish habitat, and enhance the existing but incomplete forest buffer.

#### **Photos**



**Project Results** – The total length of approximately 1,420 feet of stream channel has been restored. BMPs involved in the restoration include: 32 rock deflectors, 2 J-hooks, 7 muddills, 2 rock vanes, and Various cover logs incorporated into the rock deflectors.

**Project Costs** - \$254,282 EPA Section 319(h).

**Partners** – Donegal Chapter Trout Unlimited, Elam Miller, Flyway Excavating, Kelly Woy, Michael King, PA Fish and Boat Commission, Rettew Association, Russel Lloyd Farm, Teamag, and Wild Resources.