

Project Description - The Brandywine Conservancy (Conservancy) has been a leading local and national advocate for responsible land use, open space preservation, and water protection for over 55 years. The mission of the Conservancy is to protect and conserve the land, water, natural, and cultural resources of southeastern Pennsylvania and northern Delaware. The Conservancy's unique approach to watershed conservation includes providing technical planning assistance to municipalities while also providing direct land conservation services to landowners

Project Timeframe – December 11, 2018 through June 30, 2022

Project Goals - Reduce nonpoint source pollution from agricultural uses draining to the Chesapeake Bay and its tributaries through the implementation of whole-farm BMPs on three (3) properties in the Oxford Region, with all BMPs implemented to NRCS-standard and will include NRCS-operation and maintenance plans. The Conservancy was successful in implementing projects on four (4) farms in the Oxford Region. Reduce nonpoint source pollution and stormwater runoff on four (4) properties in headwater streams by implementing agricultural BMPs on working lands pursuant to recommendations in the Christina River Basin TMDL, DRWI Brandywine-Christina Phase 2 Strategic Plan, and the White Clay Creek Watershed Management Plan. All BMPs will be implemented to NRCS-standard and will include NRCSoperation and maintenance plans. The Conservancy was successful in implementing projects on two properties in the target area. A third site was completed during the project period without any DEP funding. The loss of the 4th site is discussed below.

Pictures –



Project Results - The Conservancy was able to work with six landowners to restore 4.1 acres of riparian forest buffer, construct 5 waste storage structures, install 11,414' of fencing, implement 3 stream crossings, build 4 grassed waterways totaling 1.1 acres, implement 9 stormwater control structures, 3 heavy use area protections, 803' of access road, 12 animal walkways totaling 6,477', 9,285 underground outlets, 1 roof, 3 roof runoff structures along 530' of roof, 4 waste transfer systems, and 3 diversions totaling 350'. The completed work exceeds the proposed work in all categories except for the acres of restored riparian forest buffer.

Project Costs - \$216,459 Growing Greener plus an additional \$550,874 in match funds.