

**Project Description** - This project consisted of constructing in series a flushable limestone bed #1 (FLB1), flushable limestone bed #2 (FLB2), and a settling pond for treatment of SX10-D2. The design is expected to provide more than an estimated ninety percent (90%+) reduction in iron, aluminum, and acidity pollution from this discharge. The system is designed with an operational life of 20-25 years with routine maintenance. The final treatment system design involved collecting raw AMD from a collapsed mine portal (SX10-D2) into a collection box that will by-pass extreme flows around the system. Normal flows will enter the first of two flushable limestone beds.

**Project Timeframe** - October 5, 2017 through December 31, 2021

**Photos**



**Project Results** – This project constructed an AMD treatment system using two flushable limestone beds (FLBs) in conjunction with settling ponds (SP) to control AMD discharges from SX0-Df2 and SX0-D17

Funds were also used to repair previously constructed AMD treatment systems and stop uncontrolled flow of AMD from SX3-D9 and SX0-D16 into Six Mile Run.

**Project Costs** - \$504,440 EPA Section 319(h) plus an additional \$8,616 in matching funds.

**Partners** – Broad Top Township