Quemahoning Water Transmission Line
Lansdowne, Maryland
Somerset County, Pennsylvania
Goal:
To obtain more drinking water for Somerset PA
Source:
Quemahoning Dam (5.75 Billion Gallons)
Quemahoning Dam has been a source of fresh drinking water for Johnstown, PA for many years.

These old 60” riveted iron pipes carried the water to Johnstown.
22 Miles of Pipe Began Here
First 3 of 15 vaults receive water below the dam

A•LOK Connectors help make these vaults watertight
Pump Station above vaults at dam
Approximately 100 manholes on this job, all equipped with A•LOK X•CEL Connectors
New 18” PVC Pipe was installed with spacer to center in old pipe
Pumps have been installed in the vaults to move the water up and down the hilly terrain and to bleed air out of the line.
A•LOK X•CEL watertight connectors were installed in the concrete structures to prevent water from leaking into the structures and hindering the pumps’ performance.