

# 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.

