

# Susquehanna River Basin Commission Information Sheet

## Remote Water Quality Monitoring Network – Equipment Components



The picture on the left shows the water quality datasonde (approximate length is 2 feet, with a diameter of 3.75 inches). This component is contained within a PVC casing secured to the bank of the stream (see pictures below). It is connected by cables to the data platform and communications box shown at the bottom of the page.



The photo on the left shows the data platform and communications box, as well as the solar panel used to power the entire station. The height of the station is approximately 7 feet. The communication box is 16 inches wide, 2 feet tall, and 9 inches deep. The solar panel mounted at the top of the poles is 31 inches by 14 inches.