

Company Type: **Drinking Water Utility**

GPI Model Number: **G2P05N09GMA**

Market: **Water Supply**

Application Category: **Monitoring**

GPI Model Series: **G2**

Application: At the end of the ozone chambers, there are instruments for measuring residual levels of ozone. These ozone analyzers require 1-5 GPM. The sample line runs to a closed waste line, in case there is a high level of ozone. Safety to technicians is a concern when working with ozone. Leaving valves wide open wastes too much water. Flowrate cannot be too low or too high and still expect accuracy in the analyzer reader. Rotameters had been used but failed due to turbidity levels and the float would stick.

Problem: Opening the pipe to measure sample flow rate could expose technicians to toxic levels of ozone. Leaving valves wide open wastes large volumes of water. If the flowrate is too low or too high analyzer readings are not accurate.

Solution: Install the G2 meter to monitor sample flowrate. The flow can be adjusted with the throttle valve. The ease of maintenance allows the meter to be checked for build-up and cleaned or to be replaced as needed.

Advantages of using GPI:

- ◆ Cost Savings
- ◆ Safety
- ◆ Compact Size
- ◆ Accuracy
- ◆ Easy to install

Drawing of Application:

