



Swan Analytical® AMI Turbiwell Suggested Specifications

- 1.) *The turbidity of the influent/effluent shall be measured by a Swan Analytical Bulletin A2541 Model Turbiwell w/LED turbidimeter. The turbidimeter shall operate on 85-265 VAC or 24VDC incoming power and shall provide two 0 to 20/4 to 20mA signal outputs proportional to the measured turbidity range to 100.00 NTU*
- 2.) *The nephelometer shall incorporate a non-contact method of measurement and shall utilize a white LED source*
- 3.) *The instrument shall incorporate the Swan AMI Turbiwell method of measurement as approved by the EPA*
- 4.) *The turbidimeter shall be factory calibrated with Formazine and shall not require future calibrations for the lifetime of the instrument.*
- 5.) *The turbidimeter shall include 1 alarm relay, 2 programmable relay outputs and the optional communication interface for Modbus or Profibus DP.*
- 6.) *The instrument shall include a real-time clock with a calendar for time stamp and preprogrammed actions*
- 7.) *The turbidimeter manufacturer shall include a full four year warranty to include all parts, materials, labor and maintenance as required by the instrument to operate.*
- 8.) *Manufacturer shall offer a 6 month buy back guarantee for instrument if it does not operate to specifications*