

### Regulations by EPA/DOW

- Total Chlorine: .5 – 4.0 ppm
- Fluoride: .6- 1.2 ppm
- Finished Water Turbidity: Never be above 1 NTU
  - Must be  $\leq 0.3$  NTUs in 95% of samples
- Nitrate: 10 ppm
- Nitrite: 1.0 ppm

### Goals for Pirtle

- Top of Filter Chlorine (free): 1.5-1.8 ppm
- Total Chlorine leaving the plant: 2.8-3.0 ppm
- Fluoride: .7-.8 ppm
- Finished Water Turbidity:  $< .040$  NTU
- Free Ammonia: .03-.08 ppm
- pH: 7.5-7.6
- Langelier (how corrosive or scale forming the water is):  $+ .20 - 0.0$