|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Table 1.*** | ***Alarm Set Point Verification***  ***(example regulatory limits and optimization goals for conventional filtration are shown)*** | | | | | | | |
| **Alarm** | **Intended Purpose** | | **Set Points** | | | | **Verified in SCADA or in meter controller** | **Tested Alarm & Auto Dialer** |
| **Compliance** | **Optimization** | **Autodial** | | **Shutdown** | |
| **Applicable Regulatory Limit** | **Applicable Optimization Goal** | **Autodial Set Point &**  **Phone #** | | **Auto-Shutdown Set Point** | |
| IFE NTU  High  🞏 N/A | 1 NTU  🞏 N/A | 0.10 NTU  🞏 N/A | \_\_\_ NTU  (\_\_\_) \_\_\_-\_\_\_\_\_  🞏 N/A | | \_\_\_ NTU  🞏 N/A | | 🞏 | 🞏 |
| IFE NTU  High-High  🞏 N/A | 2 NTU  🞏 N/A | 0.30 NTU  🞏 N/A | \_\_\_\_NTU  (\_\_\_) \_\_\_-\_\_\_\_\_  🞏 N/A | | \_\_\_ NTU  🞏 N/A | | 🞏 | 🞏 |
| CFE NTU  High  🞏 N/A | 0.3 NTU  🞏 N/A | 0.10 NTU  🞏 N/A | \_\_\_ NTU  (\_\_\_) \_\_\_-\_\_\_\_\_  🞏 N/A | | \_\_\_ NTU  🞏 N/A | | 🞏 | 🞏 |
| CFE NTU  High-High  🞏 N/A | 1 NTU  🞏 N/A | 0.30 NTU  🞏 N/A | \_\_\_ NTU  (\_\_\_) \_\_\_-\_\_\_\_\_  🞏 N/A | | \_\_\_ NTU  🞏 N/A | | 🞏 | 🞏 |
| EP Chlorine  Low  🞏 N/A | 0.2 mg/l  - High enough to meet required CT  - High enough for detectable residual throughout distribution system  🞏 N/A | 0.2 mg/l  - High enough to meet required CT  - High enough to maintain 0.2 mg/l throughout distribution system  🞏 N/A | \_\_\_ mg/l  (\_\_\_) \_\_\_-\_\_\_\_\_  🞏 High enough to meet required CT  🞏 High enough for detectable residual throughout distribution system  🞏 N/A | | \_\_\_ mg/l  🞏 High enough to meet required CT  🞏 High enough to maintain 0.2 mg/l throughout distribution system  🞏 N/A | | 🞏 | 🞏 |
| EP Chorine  High  🞏 N/A | 4.0 mg/l  🞏 N/A | 2.5 mg/l  🞏 N/A | \_\_\_ mg/l  (\_\_\_) \_\_\_-\_\_\_\_\_  🞏 N/A | | \_\_\_ mg/l  🞏 N/A | | 🞏 | 🞏 |
| Comments: |  | | | | | | | |
| Sign: |  | | | Date: | |  | | |
| N/A = Not applicable for intended purpose or not available for alarm and set points  NTU = Nephelometric turbidity units  IFE = Individual filter effluent  CFE= Combined filter effluent  EP = Entry point to the distribution system (after all treatment and prior to or at first customer)  CT = (chlorine Concentration in mg/l) x (contact Time in minutes) | | | | | | | | |
| *Oregon Health Authority – Public Health Division - Center for Health Protection – Drinking Water Services* | | | | | | | | |