

OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Linn Conventional Filtration

Sweet Home, City of I.D. # OR4100851 WTP: WTP-B Month of February-22 Required Log Inactivation: 0.5

| DATE | TURBIDITY | | | | | | Highest Reading of Day ¹ (NTU) | Peak Hourly Demand Flow (gpm) | Min. Cl ₂ Res. at 1st user Mg/L (C) ² | CONTACT TIME MIN. (T) | ACTUAL (CT) C X T | TEMP C° | pH | REQ. CT | CT MET? Y / N | log * inactivation |
|------|-----------|---------|---------|----------|---------|---------|---|-------------------------------|---|-----------------------|-------------------|---------|------|---------|---------------|--------------------|
| | 12AM NTU | 4AM NTU | 8AM NTU | NOON NTU | 4PM NTU | 8PM NTU | | | | | | | | Formula | | |
| 1 | NF | NF | 0.03 | 0.02 | NF | NF | 0.03 | 1,885 | 0.88 | 149 | 131 | 12.0 | 7.89 | 22.8 | Y | 0.5 |
| 2 | NF | NF | 0.03 | 0.03 | 0.03 | NF | 0.03 | 1,906 | 0.89 | 148 | 131 | 13.6 | 7.89 | 20.5 | Y | 0.5 |
| 3 | NF | NF | NF | 0.03 | 0.03 | NF | 0.03 | 1,981 | 0.87 | 142 | 124 | 11.1 | 7.79 | 23.3 | Y | 0.5 |
| 4 | NF | NF | 0.03 | 0.03 | NF | NF | 0.03 | 1,833 | 0.89 | 153 | 137 | 12.1 | 7.66 | 20.9 | Y | 0.5 |
| 5 | NF | NF | NF | NF | 0.03 | NF | 0.03 | 1,890 | 0.91 | 149 | 135 | 11.8 | 7.85 | 22.8 | Y | 0.5 |
| 6 | NF | NF | NF | NF | NF | NF | 0.07 | 1,891 | 0.94 | 149 | 140 | 11.2 | 7.92 | 24.5 | Y | 0.5 |
| 7 | NF | NF | 0.03 | 0.03 | 0.03 | NF | 0.03 | 1,899 | 0.94 | 148 | 139 | 11.9 | 7.52 | 20.3 | Y | 0.5 |
| 8 | NF | NF | NF | NF | 0.03 | 0.03 | 0.04 | 1,891 | 0.92 | 149 | 137 | 11.9 | 7.79 | 22.2 | Y | 0.5 |
| 9 | 0.03 | NF | NF | NF | NF | NF | 0.03 | 1,864 | 0.91 | 151 | 137 | 11.8 | 7.84 | 22.8 | Y | 0.5 |
| 10 | NF | NF | 0.03 | 0.03 | NF | 0.03 | 0.03 | 1,885 | 0.82 | 149 | 122 | 12.5 | 7.68 | 20.3 | Y | 0.5 |
| 11 | NF | NF | 0.03 | NF | NF | NF | 0.04 | 1,862 | 0.84 | 151 | 127 | 11.5 | 7.85 | 23.1 | Y | 0.5 |
| 12 | NF | NF | NF | NF | 0.03 | 0.03 | 0.04 | 1,902 | 0.78 | 148 | 115 | 10.8 | 7.97 | 25.1 | Y | 0.5 |
| 13 | 0.03 | NF | NF | NF | NF | NF | 0.03 | 1,885 | 0.85 | 149 | 127 | 10.1 | 8.03 | 27.1 | Y | 0.5 |
| 14 | NF | NF | 0.04 | 0.03 | 0.03 | NF | 0.04 | 1,894 | 0.77 | 148 | 114 | 12.5 | 7.96 | 22.3 | Y | 0.5 |
| 15 | NF | NF | NF | 0.03 | 0.20 | NF | 0.22 | 1,888 | 0.81 | 149 | 121 | 11.4 | 7.41 | 19.9 | Y | 0.5 |
| 16 | NF | NF | 0.19 | NF | NF | NF | 0.19 | 1,888 | 0.73 | 149 | 109 | 11.6 | 7.50 | 20.1 | Y | 0.5 |
| 17 | NF | NF | 0.04 | NF | 0.03 | 0.04 | 0.13 | 1,881 | 0.84 | 150 | 126 | 10.3 | 7.90 | 25.5 | Y | 0.5 |
| 18 | 0.03 | NF | NF | NF | NF | NF | 0.04 | 1,879 | 0.88 | 150 | 132 | 13.4 | 7.89 | 19.3 | Y | 0.5 |
| 19 | NF | NF | NF | NF | 0.03 | 0.03 | 0.04 | 1,893 | 0.81 | 149 | 120 | 10.9 | 7.92 | 24.6 | Y | 0.5 |
| 20 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | |
| 21 | NF | NF | 0.03 | 0.03 | 0.02 | 0.03 | 0.05 | 1,929 | 0.53 | 146 | 77 | 14.2 | 7.65 | 17.3 | Y | 0.5 |
| 22 | 0.02 | NF | NF | NF | NF | NF | 0.03 | 1,856 | 0.88 | 152 | 133 | 12.2 | 7.70 | 21.0 | Y | 0.5 |
| 23 | NF | NF | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 1,890 | 0.84 | 149 | 125 | 11.7 | 7.75 | 22.0 | Y | 0.5 |
| 24 | NF | NF | NF | 0.03 | NF | NF | 0.03 | 1,875 | 0.79 | 150 | 118 | 11.5 | 7.55 | 20.7 | Y | 0.5 |
| 25 | NF | NF | 0.03 | 0.04 | 0.03 | 0.04 | 0.05 | 1,898 | 0.80 | 148 | 119 | 12.3 | 7.88 | 22.1 | Y | 0.5 |
| 26 | NF | NF | NF | 0.03 | NF | NF | 0.10 | 1,870 | 0.79 | 150 | 119 | 10.8 | 7.95 | 25.3 | Y | 0.5 |
| 27 | NF | NF | NF | 0.04 | 0.08 | 0.03 | 0.68 | 1,891 | 0.82 | 149 | 122 | 11.5 | 7.87 | 23.2 | Y | 0.5 |
| 28 | NF | NF | 0.03 | NF | NF | NF | 0.15 | 1,866 | 0.85 | 151 | 128 | 12.3 | 7.65 | 20.5 | Y | 0.5 |
| AVG. | 0.03 | NF | 0.04 | 0.03 | 0.05 | 0.03 | 0.08 | 1,888 | 0.84 | 149 | 125 | 11.8 | 7.78 | 22.2 | | |
| MAX. | 0.03 | NF | 0.19 | 0.04 | 0.20 | 0.04 | 0.68 | 1,981 | | | | | | | | |


| | | | | | | | |
|--|-------------------------|--|---|--|--|--|---|
| MIN | Conventional Filtration | | | | | | 0.53 |
| 95% of 4 hr turbidity readings <= 0.3 NTU? <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N | | | All turbidity readings < IFE ² triggers? <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N ² | | | CT's met everyday? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No | All Cl ₂ Residual at entry point >= 0.2 mg/L <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No |
| All the 4 hr turbidity readings <= 1.0 NTU? <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N | | | | | | | |

¹ Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in Columns "12am through 8pm" may not correspond to continuous readings maximum.

² IFE = Individual Filter Effluent

³ If Cl₂ at entry point <0.2 mg/l, or CT not met, notify DWP by end of next business day.

⁴ NF=No Flow

Name (Printed): Steven Haney _____ Signature: 

Operator Cert. #: 6376 _____ Date: 3/8/2022

Phone #: 541-818-8003 _____