

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Linn

Conventional Filtration

| Sweet Home, City of | | I.D. # OR4100851 | | | | | WTP: WTP-B | | Month of November-23 | | | 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) ³ | CONTACT TIME MIN. (T) | ACTUAL (CT) C X T | TEMP C° | pH | REQ. CT | CT MET? | log * inactivation |
| | 12AM NTU | 4AM NTU | 8AM NTU | NOON NTU | 4PM NTU | 8PM NTU | | | | | | | | Formula | Y / N | |
| 1 | 0.04 | 0.04 | NF | 0.04 | 0.04 | NF | 0.06 | 1,868 | 0.76 | 151 | 114 | 15.4 | 7.89 | 17.9 | Y | |
| 2 | NF | NF | NF | 0.04 | 0.03 | 0.03 | 0.08 | 1,871 | 0.67 | 150 | 101 | 17.0 | 7.72 | 15.0 | Y | |
| 3 | 0.05 | 0.04 | 0.04 | NF | NF | NF | 0.05 | 1,899 | 0.67 | 148 | 99 | 15.9 | 7.62 | 15.5 | Y | |
| 4 | NF | NF | NF | 0.03 | 0.05 | NF | 0.06 | 1,908 | 0.56 | 147 | 83 | 16.3 | 7.70 | 15.4 | Y | |
| 5 | NF | NF | NF | NF | NF | NF | 0.16 | 1,890 | 0.65 | 149 | 97 | 15.7 | 7.65 | 15.9 | Y | |
| 6 | 0.04 | 0.04 | NF | 0.04 | 0.12 | 0.06 | 0.19 | 1,878 | 0.41 | 150 | 61 | 14.8 | 7.52 | 15.6 | Y | |
| 7 | 0.13 | NF | NF | NF | 0.04 | NF | 0.20 | 1,908 | 0.42 | 147 | 62 | 15.5 | 7.42 | 14.4 | Y | |
| 8 | 0.05 | NF | NF | 0.04 | NF | 0.04 | 0.20 | 1,891 | 0.66 | 149 | 98 | 14.6 | 7.24 | 14.7 | Y | |
| 9 | 0.04 | 0.04 | 0.05 | 0.02 | 0.04 | 0.04 | 0.13 | 1,887 | 0.79 | 149 | 118 | 14.5 | 7.50 | 16.5 | Y | |
| 10 | 0.04 | 0.03 | 0.02 | 0.03 | 0.04 | 0.02 | 0.15 | 1,899 | 0.80 | 148 | 118 | 13.8 | 7.46 | 17.1 | Y | |
| 11 | 0.03 | 0.03 | 0.02 | 0.02 | 0.10 | 0.03 | 0.19 | 1,889 | 1.02 | 149 | 152 | 12.8 | 7.19 | 17.0 | Y | |
| 12 | 0.03 | 0.04 | 0.02 | NF | 0.04 | 0.04 | 0.11 | 1,878 | 1.26 | 150 | 189 | 12.4 | 7.18 | 18.1 | Y | |
| 13 | 0.04 | 0.04 | NF | 0.09 | 0.04 | 0.02 | 0.15 | 1,887 | 1.05 | 149 | 156 | 13.5 | 7.43 | 17.8 | Y | |
| 14 | NF | NF | NF | 0.06 | 0.06 | 0.05 | 0.16 | 1,920 | 1.17 | 146 | 171 | 12.1 | 7.23 | 18.6 | Y | |
| 15 | 0.04 | NF | NF | 0.05 | 0.02 | 0.04 | 0.08 | 1,875 | 0.78 | 150 | 117 | 12.7 | 7.33 | 17.5 | Y | |
| 16 | 0.04 | NF | NF | 0.04 | 0.05 | 0.04 | 0.08 | 1,866 | 0.63 | 151 | 95 | 13.8 | 7.39 | 16.3 | Y | |
| 17 | 0.04 | NF | NF | 0.04 | 0.04 | NF | 0.06 | 1,874 | 1.11 | 150 | 167 | 13.1 | 7.47 | 18.6 | Y | |
| 18 | NF | NF | NF | 0.04 | 0.05 | 0.04 | 0.07 | 1,872 | 0.68 | 150 | 102 | 12.4 | 7.27 | 17.5 | Y | |
| 19 | 0.04 | NF | NF | 0.04 | 0.05 | 0.09 | 0.18 | 1,865 | 0.46 | 151 | 69 | 12.7 | 7.11 | 15.6 | Y | |
| 20 | 0.08 | 0.06 | NF | 0.07 | 0.05 | 0.03 | 0.10 | 1,877 | 0.83 | 150 | 124 | 12.1 | 7.75 | 21.4 | Y | |
| 21 | 0.04 | NF | NF | 0.04 | 0.05 | NF | 0.07 | 1,879 | 0.71 | 150 | 106 | 12.0 | 7.45 | 19.2 | Y | |
| 22 | NF | NF | NF | 0.02 | 0.04 | 0.04 | 0.05 | 1,886 | 0.67 | 149 | 100 | 12.6 | 7.46 | 18.3 | Y | |
| 23 | 0.03 | NF | NF | 0.02 | 0.02 | NF | 0.05 | 1,888 | 0.57 | 149 | 85 | 12.1 | 7.45 | 18.8 | Y | |
| 24 | NF | NF | NF | 0.07 | 0.04 | 0.04 | 0.14 | 1,893 | 0.53 | 149 | 79 | 12.9 | 7.31 | 16.7 | Y | |
| 25 | 0.04 | 0.04 | NF | NF | NF | 0.02 | 0.06 | 1,891 | 0.62 | 149 | 92 | 11.3 | 7.31 | 18.9 | Y | |
| 26 | 0.02 | 0.05 | NF | 0.04 | 0.04 | NF | 0.11 | 1,872 | 0.60 | 150 | 90 | 10.7 | 7.30 | 19.6 | Y | |
| 27 | NF | NF | 0.04 | 0.03 | 0.04 | 0.05 | 0.05 | 1,879 | 0.61 | 150 | 91 | 11.1 | 7.40 | 19.8 | Y | |
| 28 | NF | NF | 0.05 | 0.04 | NF | NF | 0.05 | 1,869 | 0.85 | 150 | 128 | 10.9 | 7.49 | 21.2 | Y | |
| 29 | NF | NF | 0.03 | 0.04 | 0.05 | 0.02 | 0.05 | 1,902 | 0.71 | 148 | 105 | 10.8 | 7.27 | 19.5 | Y | |
| 30 | NF | NF | 0.05 | 0.05 | NF | NF | 0.05 | 1,872 | 0.85 | 150 | 128 | 12.6 | 7.50 | 18.9 | Y | |

| | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|-------|------|-----|-----|------|------|------|
| AVG. | 0.05 | 0.04 | 0.04 | 0.04 | 0.05 | 0.04 | 0.10 | 1,884 | 0.74 | 149 | 110 | 13.3 | 7.43 | 17.6 |
| MAX. | 0.13 | 0.06 | 0.05 | 0.09 | 0.12 | 0.09 | 0.20 | 1,920 | | | | | | |

| | | | | | | | | | | | | | | | |
|--|-------------------------|--|--|--|--|--|---|--|--|--|--|--|---|--|--|
| MIN | Conventional Filtration | | | | | | 0.41 | | | | | | | | |
| 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: 12/4/2023

Phone #: 541-818-8003