

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Linn

Conventional Filtration

| Sweet Home, City of |           | I.D. # OR4100851 |         |          |         |         | WTP: WTP-B                                |                               | Month of March-23                                           |                       |                   | Required Log inactivation: 0.5 |      |         |               |                   |
|---------------------|-----------|------------------|---------|----------|---------|---------|-------------------------------------------|-------------------------------|-------------------------------------------------------------|-----------------------|-------------------|--------------------------------|------|---------|---------------|-------------------|
| DATE                | TURBIDITY |                  |         |          |         |         | Highest Reading of Day <sup>1</sup> (NTU) | Peak Hourly Demand Flow (gpm) | Min. Cl <sub>2</sub> Res. at 1st user Mg/L (C) <sup>3</sup> | 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               | NF      | NF       | NF      | NF      | 0.03                                      | 1,635                         | 0.68                                                        | 172                   | 117               | 8.8                            | 7.81 | 26.8    | Y             |                   |
| 2                   | 0.02      | 0.02             | NF      | NF       | NF      | NF      | 0.03                                      | 1,672                         | 0.71                                                        | 168                   | 119               | 12.8                           | 7.78 | 20.4    | Y             |                   |
| 3                   | NF        | NF               | NF      | 0.02     | 0.02    | NF      | 0.03                                      | 1,654                         | 0.65                                                        | 170                   | 111               | 9.3                            | 7.81 | 25.8    | Y             |                   |
| 4                   | NF        | NF               | 0.03    | 0.03     | 0.02    | 0.02    | 0.07                                      | 1,663                         | 0.70                                                        | 169                   | 118               | 9.7                            | 7.70 | 24.3    | Y             |                   |
| 5                   | 0.02      | 0.02             | 0.02    | 0.02     | 0.02    | 0.02    | 0.03                                      | 1,633                         | 0.73                                                        | 172                   | 126               | 8.9                            | 7.82 | 26.9    | Y             |                   |
| 6                   | 0.02      | NF               | NF      | 0.03     | 0.03    | NF      | 0.05                                      | 1,704                         | 0.71                                                        | 165                   | 117               | 9.2                            | 7.80 | 26.1    | Y             |                   |
| 7                   | NF        | NF               | NF      | 0.02     | 0.02    | NF      | 0.04                                      | 1,650                         | 0.67                                                        | 170                   | 114               | 9.0                            | 7.72 | 25.6    | Y             |                   |
| 8                   | NF        | NF               | NF      | 0.03     | 0.02    | 0.02    | 0.06                                      | 1,645                         | 0.71                                                        | 171                   | 121               | 9.4                            | 7.84 | 26.1    | Y             |                   |
| 9                   | NF        | NF               | NF      | 0.02     | 0.02    | 0.02    | 0.03                                      | 1,635                         | 0.71                                                        | 172                   | 122               | 11.8                           | 7.54 | 20.0    | Y             |                   |
| 10                  | 0.02      | NF               | NF      | 0.02     | 0.02    | NF      | 0.02                                      | 1,648                         | 0.71                                                        | 171                   | 121               | 10.7                           | 7.68 | 22.6    | Y             |                   |
| 11                  | NF        | 0.02             | NF      | NF       | NF      | NF      | 0.03                                      | 1,656                         | 0.71                                                        | 170                   | 121               | 11.2                           | 7.80 | 22.8    | Y             |                   |
| 12                  | NF        | NF               | NF      | 0.03     | 0.02    | 0.02    | 0.04                                      | 1,706                         | 0.70                                                        | 165                   | 115               | 9.1                            | 7.77 | 26.0    | Y             |                   |
| 13                  | 0.02      | 0.02             | 0.02    | 0.02     | 0.02    | NF      | 0.03                                      | 1,658                         | 0.74                                                        | 170                   | 126               | 9.9                            | 7.85 | 25.4    | Y             |                   |
| 14                  | NF        | NF               | NF      | 0.02     | NF      | 0.02    | 0.04                                      | 1,673                         | 0.71                                                        | 168                   | 119               | 10.2                           | 7.78 | 24.2    | Y             |                   |
| 15                  | 0.03      | 0.03             | 0.02    | NF       | NF      | NF      | 0.03                                      | 1,643                         | 0.74                                                        | 171                   | 127               | 11.2                           | 7.74 | 22.4    | Y             |                   |
| 16                  | NF        | NF               | NF      | 0.04     | NF      | NF      | 0.17                                      | 1,651                         | 0.67                                                        | 170                   | 114               | 11.4                           | 7.42 | 19.6    | Y             |                   |
| 17                  | NF        | NF               | 0.05    | NF       | NF      | NF      | 0.12                                      | 1,631                         | 0.62                                                        | 172                   | 107               | 11.1                           | 7.76 | 22.4    | Y             |                   |
| 18                  | 0.02      | 0.02             | NF      | NF       | 0.02    | 0.02    | 0.03                                      | 1,720                         | 1.58                                                        | 164                   | 258               | 12.2                           | 7.75 | 23.2    | Y             |                   |
| 19                  | 0.02      | 0.02             | 0.02    | 0.02     | 0.02    | 0.02    | 0.04                                      | 1,678                         | 0.82                                                        | 168                   | 137               | 10.0                           | 7.94 | 26.3    | Y             |                   |
| 20                  | 0.03      | 0.02             | 0.02    | 0.02     | 0.02    | NF      | 0.03                                      | 1,668                         | 0.82                                                        | 169                   | 138               | 10.7                           | 7.84 | 24.2    | Y             |                   |
| 21                  | NF        | NF               | NF      | 0.03     | 0.02    | 0.02    | 0.05                                      | 1,694                         | 0.80                                                        | 166                   | 133               | 9.9                            | 7.81 | 25.2    | Y             |                   |
| 22                  | 0.02      | NF               | NF      | 0.02     | NF      | NF      | 0.03                                      | 1,659                         | 0.84                                                        | 170                   | 142               | 10.9                           | 7.57 | 21.8    | Y             |                   |
| 23                  | NF        | NF               | NF      | 0.02     | 0.02    | 0.02    | 0.06                                      | 1,713                         | 0.80                                                        | 164                   | 131               | 12.5                           | 7.56 | 19.3    | Y             |                   |
| 24                  | 0.02      | NF               | NF      | NF       | NF      | NF      | 0.02                                      | 1,645                         | 0.86                                                        | 171                   | 147               | 10.3                           | 7.85 | 25.1    | Y             |                   |
| 25                  | NF        | NF               | NF      | NF       | 0.02    | 0.02    | 0.04                                      | 1,674                         | 0.81                                                        | 168                   | 136               | 11.1                           | 7.82 | 23.4    | Y             |                   |
| 26                  | 0.02      | 0.02             | 0.07    | 0.02     | 0.02    | NF      | 0.10                                      | 1,676                         | 0.83                                                        | 168                   | 139               | 9.3                            | 7.60 | 24.5    | Y             |                   |
| 27                  | NF        | NF               | NF      | 0.02     | 0.03    | NF      | 0.18                                      | 1,660                         | 0.80                                                        | 169                   | 136               | 9.5                            | 7.76 | 25.5    | Y             |                   |
| 28                  | NF        | NF               | 0.02    | 0.03     | 0.03    | 0.05    | 0.09                                      | 1,716                         | 0.83                                                        | 164                   | 136               | 9.8                            | 7.85 | 25.9    | Y             |                   |
| 29                  | 0.02      | NF               | NF      | 0.03     | 0.03    | NF      | 0.03                                      | 1,672                         | 0.85                                                        | 168                   | 143               | 9.4                            | 7.84 | 26.5    | Y             |                   |
| 30                  | NF        | NF               | NF      | 0.02     | 0.02    | 0.02    | 0.04                                      | 1,665                         | 0.82                                                        | 169                   | 139               | 10.7                           | 7.48 | 21.4    | Y             |                   |
| 31                  | NF        | NF               | NF      | 0.078    | 0.024   | 0.024   | 0.11                                      | 1,699                         | 0.90                                                        | 166                   | 149               | 14.7                           | 7.62 | 17.3    | Y             |                   |
| AVG.                | 0.02      | 0.02             | 0.03    | 0.03     | 0.02    | 0.02    | 0.05                                      | 1,668                         | 0.78                                                        | 169                   | 132               | 10.5                           | 7.74 | 23.8    |               |                   |
| MAX.                | 0.03      | 0.03             | 0.07    | 0.08     | 0.03    | 0.05    | 0.18                                      | 1,720                         |                                                             |                       |                   |                                |      |         |               |                   |

|                                                                                       |                         |  |  |  |  |  |                                                                                                            |  |  |                                                                 |      |                                                                                                      |  |
|---------------------------------------------------------------------------------------|-------------------------|--|--|--|--|--|------------------------------------------------------------------------------------------------------------|--|--|-----------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------|--|
| MIN                                                                                   | Conventional Filtration |  |  |  |  |  |                                                                                                            |  |  |                                                                 | 0.62 |                                                                                                      |  |
| 95% of 4 hr turbidity readings <= 0.3 NTU? <input checked="" type="checkbox"/> Y / N  |                         |  |  |  |  |  | All turbidity readings < IFE <sup>2</sup> triggers? <input checked="" type="checkbox"/> Y / N <sup>2</sup> |  |  | CT's met everyday? <input checked="" type="checkbox"/> Yes / No |      | All Cl <sub>2</sub> Residual at entry point >= 0.2 mg/L <input checked="" type="checkbox"/> Yes / No |  |
| All the 4 hr turbidity readings <= 1.0 NTU? <input checked="" type="checkbox"/> Y / N |                         |  |  |  |  |  |                                                                                                            |  |  |                                                                 |      |                                                                                                      |  |


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

<sup>2</sup> IFE = Individual Filter Effluent

<sup>3</sup> If Cl<sub>2</sub> at entry point <0.2 mg/l, or CT not met, notify DWP by end of next business day.

<sup>4</sup> NF=No Flow

Name (Printed): Steven Haney  
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 Phone #: 541-818-8003

Signature:   
 Date: 4/3/2023