

OHA - Drinking Water Program - Turbidity Monitoring Report Form

Conventional or Direct Filtration

County: Lane

System Name: Eugene Water & Electric Board ID#: 4100287 WTP: WTP-A Month/Year: Aug, 2024

| Day | 12 AM (NTU) | 4 AM (NTU) | 8 AM (NTU) | NOON (NTU) | 4 PM (NTU) | 8 PM (NTU) | Daily Maximum (NTU) ¹ |
|-----|-------------|------------|------------|------------|------------|------------|----------------------------------|
| 01 | 0.039 | 0.039 | 0.037 | 0.036 | 0.040 | 0.046 | 0.046 |
| 02 | 0.040 | 0.040 | 0.042 | 0.037 | 0.039 | 0.050 | 0.050 |
| 03 | 0.042 | 0.041 | 0.039 | 0.043 | 0.044 | 0.041 | 0.044 |
| 04 | 0.039 | 0.038 | 0.035 | 0.038 | 0.039 | 0.039 | 0.039 |
| 05 | 0.039 | 0.037 | 0.036 | 0.035 | 0.036 | 0.043 | 0.043 |
| 06 | 0.042 | 0.038 | 0.036 | 0.035 | 0.036 | 0.038 | 0.042 |
| 07 | 0.036 | 0.043 | 0.036 | 0.035 | 0.035 | 0.038 | 0.043 |
| 08 | 0.037 | 0.040 | 0.034 | 0.035 | 0.037 | 0.044 | 0.044 |
| 09 | 0.041 | 0.038 | 0.036 | 0.035 | 0.035 | 0.040 | 0.041 |
| 10 | 0.037 | 0.035 | 0.034 | 0.033 | 0.035 | 0.040 | 0.040 |
| 11 | 0.037 | 0.036 | 0.034 | 0.033 | 0.035 | 0.039 | 0.039 |
| 12 | 0.037 | 0.035 | 0.033 | 0.033 | 0.034 | 0.035 | 0.037 |
| 13 | 0.036 | 0.034 | 0.046 | 0.033 | 0.034 | 0.034 | 0.046 |
| 14 | 0.036 | 0.034 | 0.033 | 0.033 | 0.035 | 0.036 | 0.036 |
| 15 | 0.036 | 0.035 | 0.034 | 0.035 | 0.036 | 0.043 | 0.043 |
| 16 | 0.037 | 0.035 | 0.034 | 0.033 | 0.034 | 0.035 | 0.037 |
| 17 | 0.037 | 0.036 | 0.034 | 0.035 | 0.036 | 0.037 | 0.037 |
| 18 | 0.037 | 0.036 | 0.035 | 0.036 | 0.037 | 0.044 | 0.044 |
| 19 | 0.040 | 0.038 | 0.038 | 0.036 | 0.038 | 0.041 | 0.041 |
| 20 | 0.038 | 0.037 | 0.036 | 0.035 | 0.036 | 0.038 | 0.038 |
| 21 | 0.038 | 0.035 | 0.036 | 0.036 | 0.036 | 0.041 | 0.041 |
| 22 | 0.038 | 0.037 | 0.035 | 0.033 | 0.037 | 0.038 | 0.038 |
| 23 | 0.038 | 0.037 | 0.037 | 0.036 | 0.036 | 0.035 | 0.038 |
| 24 | 0.035 | 0.035 | 0.036 | 0.034 | 0.035 | 0.036 | 0.036 |
| 25 | 0.036 | 0.039 | 0.038 | 0.037 | 0.037 | 0.037 | 0.039 |
| 26 | 0.035 | 0.035 | 0.034 | 0.037 | 0.037 | 0.038 | 0.038 |
| 27 | 0.038 | 0.037 | 0.035 | 0.037 | 0.037 | 0.040 | 0.040 |
| 28 | 0.038 | 0.036 | 0.034 | 0.036 | 0.036 | 0.036 | 0.038 |
| 29 | 0.035 | 0.037 | 0.037 | 0.041 | 0.036 | 0.038 | 0.041 |
| 30 | 0.037 | 0.036 | 0.034 | 0.036 | 0.037 | 0.040 | 0.040 |
| 31 | 0.038 | 0.037 | 0.036 | 0.036 | 0.037 | 0.040 | 0.040 |

| Conventional or Direct Filtration | Monthly Summary (Answer Yes or No) | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------|
| 95% of turbidity readings <= 0.3 NTU? Y All turbidity readings < 1 NTU? Y All Turbidity readings < 1 IFE2 triggers? Y ¹ | CT's met everyday? Y | All CI residuals at entry point >= 0.2 mg/L? Y |
| Notes: | PRINTED NAME: | |
| | SIGNATURE: | DATE: 09/04/2024 |
| | PHONE #: (541) 685-7836 | CERT #: 8395 |

1. Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12 AM" through "8 PM" may not correspond to continuous readings' maximum.
 2. IFE = Individual Filter Effluent.

OHA - Drinking Water Program - Surface Water Quality Data

Month/Year: Aug, 2024

Eugene Water & Electric Board

ID#: 4100287

WTP-: WTP-A

Required Log inactivation: 1

| Day | Time of Min Cl2 | Peak Hourly Flow (gpm) | Min Cl2 Res at entry point (mg/L) | Contact Time (min) | Combined Actual CT (min*mg/L) | CW Basin Temp (deg C) | Res FW Temp (deg C) | T-Main Temp (deg C) | CW Basin pH (Max) | FW Res pH (Max) | T-Main pH (Max) | Basin CT Req | Res CT Req | T-45" CT Req | T-60" CT Req | CT Met | Log Inactivation |
|-----|-----------------|------------------------|-----------------------------------|--------------------|-------------------------------|-----------------------|---------------------|---------------------|-------------------|-----------------|-----------------|--------------|------------|--------------|--------------|--------|------------------|
| 01 | 21:00 | 39,882 | 0.65 | 291 | 188 | - | 16.8 | 18.3 | - | 8.1 | 7.9 | 0 | 35 | 30 | 30 | Y | 6.12 |
| 02 | 23:00 | 45,251 | 0.64 | 262 | 165 | - | 17.3 | 18.7 | - | 8.2 | 8.0 | 0 | 34 | 29 | 30 | Y | 5.37 |
| 03 | 00:00 | 43,927 | 0.64 | 277 | 175 | - | 17.5 | 18.7 | - | 8.1 | 8.0 | 0 | 33 | 29 | 29 | Y | 5.77 |
| 04 | 02:00 | 40,667 | 0.65 | 299 | 191 | - | 16.3 | 17.8 | - | 8.0 | 7.9 | 0 | 35 | 30 | 30 | Y | 6.06 |
| 05 | 22:00 | 44,632 | 0.65 | 260 | 167 | - | 16.3 | 17.6 | - | 8.1 | 8.0 | 0 | 37 | 31 | 32 | Y | 5.14 |
| 06 | 02:00 | 39,744 | 0.63 | 304 | 191 | - | 16.3 | 17.7 | - | 8.1 | 8.0 | 0 | 36 | 31 | 31 | Y | 5.91 |
| 07 | 02:00 | 44,645 | 0.66 | 267 | 176 | - | 15.9 | 17.4 | - | 8.2 | 8.0 | 0 | 38 | 32 | 32 | Y | 5.25 |
| 08 | 22:00 | 38,101 | 0.64 | 322 | 211 | - | 16.2 | 17.7 | - | 8.2 | 8.0 | 0 | 38 | 31 | 31 | Y | 6.39 |
| 09 | 04:00 | 43,566 | 0.63 | 268 | 175 | - | 16.1 | 17.5 | - | 8.2 | 8.0 | 0 | 38 | 32 | 32 | Y | 5.25 |
| 10 | 03:00 | 43,499 | 0.63 | 280 | 183 | - | 16.2 | 17.7 | - | 8.2 | 8.0 | 0 | 38 | 32 | 31 | Y | 5.51 |
| 11 | 03:00 | 41,774 | 0.63 | 292 | 191 | - | 16.4 | 17.8 | - | 8.0 | 7.9 | 0 | 35 | 30 | 30 | Y | 6.08 |
| 12 | 00:00 | 43,845 | 0.63 | 264 | 172 | - | 15.9 | 16.8 | - | 8.1 | 8.0 | 0 | 37 | 33 | 33 | Y | 5.10 |
| 13 | 00:00 | 35,717 | 0.63 | 238 | 154 | - | 14.3 | 15.8 | - | 8.1 | 8.1 | 0 | 42 | 37 | 0 | Y | 3.96 |
| 14 | 02:00 | 38,102 | 0.66 | 325 | 214 | - | 14.3 | 15.3 | - | 8.0 | 7.9 | 0 | 40 | 36 | 37 | Y | 5.75 |
| 15 | 09:00 | 35,446 | 0.66 | 344 | 230 | - | 14.7 | 15.6 | - | 8.0 | 7.9 | 0 | 39 | 34 | 35 | Y | 6.41 |
| 16 | 21:00 | 38,852 | 0.64 | 317 | 210 | - | 14.6 | 15.5 | - | 8.0 | 7.9 | 0 | 39 | 35 | 36 | Y | 5.82 |
| 17 | 23:00 | 36,949 | 0.65 | 331 | 220 | - | 14.9 | 15.6 | - | 8.0 | 7.9 | 0 | 38 | 35 | 35 | Y | 6.15 |
| 18 | 01:00 | 32,256 | 0.64 | 386 | 252 | - | 14.5 | 15.3 | - | 7.9 | 7.9 | 0 | 38 | 35 | 35 | Y | 7.01 |
| 19 | 09:00 | 32,841 | 0.63 | 363 | 230 | - | 14.8 | 15.5 | - | 8.0 | 7.9 | 0 | 38 | 35 | 35 | Y | 6.43 |
| 20 | 01:00 | 33,947 | 0.63 | 353 | 227 | - | 14.4 | 15.5 | - | 8.0 | 7.9 | 0 | 40 | 34 | 35 | Y | 6.30 |
| 21 | 02:00 | 35,629 | 0.66 | 331 | 222 | - | 14.5 | 15.4 | - | 8.0 | 7.8 | 0 | 40 | 34 | 36 | Y | 6.20 |
| 22 | 02:00 | 32,812 | 0.67 | 370 | 250 | - | 14.6 | 15.4 | - | 8.0 | 7.8 | 0 | 39 | 34 | 35 | Y | 7.01 |
| 23 | 00:00 | 30,791 | 0.67 | 395 | 270 | - | 13.5 | 14.3 | - | 8.0 | 7.8 | 0 | 42 | 36 | 38 | Y | 7.10 |
| 24 | 23:00 | 31,799 | 0.66 | 387 | 263 | - | 13.0 | 13.9 | - | 8.0 | 7.8 | 0 | 43 | 37 | 39 | Y | 6.71 |
| 25 | 06:00 | 31,548 | 0.64 | 386 | 250 | - | 12.9 | 13.9 | - | 8.1 | 7.9 | 0 | 44 | 37 | 39 | Y | 6.28 |
| 26 | 04:00 | 35,292 | 0.66 | 338 | 226 | - | 13.7 | 14.6 | - | 8.0 | 7.9 | 0 | 42 | 36 | 38 | Y | 5.97 |
| 27 | 03:00 | 32,451 | 0.66 | 371 | 250 | - | 14.4 | 15.2 | - | 8.0 | 7.9 | 0 | 40 | 35 | 36 | Y | 6.87 |
| 28 | 01:00 | 35,896 | 0.66 | 338 | 225 | - | 13.6 | 14.5 | - | 8.0 | 7.8 | 0 | 42 | 36 | 38 | Y | 5.91 |
| 29 | 08:00 | 34,330 | 0.67 | 352 | 243 | - | 13.5 | 14.5 | - | 8.1 | 7.9 | 0 | 43 | 36 | 38 | Y | 6.32 |
| 30 | 03:00 | 37,262 | 0.68 | 318 | 219 | - | 14.1 | 15.0 | - | 8.1 | 7.9 | 0 | 41 | 36 | 38 | Y | 5.81 |
| 31 | 03:00 | 39,443 | 0.67 | 299 | 203 | - | 14.7 | 15.8 | - | 8.1 | 7.8 | 0 | 40 | 33 | 35 | Y | 5.79 |

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

Data

Out of Service Events

Basin

| OOS Start Date | OOS End Date | Comment |
|----------------|--------------|---------------------------------------|
| Oct 01, 2020 | - | Basin OOS to remove required CT value |

Data Alterations

| | | |
|--|--|--|
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