

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: Feb, 2024

| Day | 12 AM (NTU) | 4 AM (NTU) | 8 AM (NTU) | NOON (NTU) | 4 PM (NTU) | 8 PM (NTU) | Daily Maximum (NTU) ¹ |
|-----|-------------|------------|------------|------------|------------|------------|----------------------------------|
| 01 | 0.026 | 0.027 | 0.027 | 0.027 | 0.028 | 0.031 | 0.031 |
| 02 | 0.031 | 0.028 | 0.028 | 0.028 | 0.027 | 0.027 | 0.031 |
| 03 | 0.028 | 0.028 | 0.028 | 0.028 | 0.030 | 0.028 | 0.030 |
| 04 | 0.029 | 0.029 | 0.029 | 0.029 | 0.030 | 0.027 | 0.030 |
| 05 | 0.029 | 0.027 | 0.028 | 0.028 | 0.028 | 0.031 | 0.031 |
| 06 | 0.033 | 0.028 | 0.027 | 0.027 | 0.026 | 0.027 | 0.033 |
| 07 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 |
| 08 | 0.029 | 0.029 | 0.028 | 0.027 | 0.027 | 0.027 | 0.029 |
| 09 | 0.027 | 0.027 | 0.027 | 0.033 | 0.027 | 0.026 | 0.033 |
| 10 | 0.026 | 0.028 | 0.027 | 0.026 | 0.026 | 0.026 | 0.028 |
| 11 | 0.026 | 0.026 | 0.026 | 0.025 | 0.026 | 0.028 | 0.028 |
| 12 | 0.027 | 0.027 | 0.027 | 0.027 | 0.028 | 0.027 | 0.028 |
| 13 | 0.027 | 0.026 | 0.026 | 0.026 | 0.027 | 0.029 | 0.029 |
| 14 | 0.035 | 0.027 | 0.027 | 0.027 | 0.026 | 0.027 | 0.035 |
| 15 | 0.027 | 0.027 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 |
| 16 | 0.029 | 0.029 | 0.030 | 0.028 | 0.035 | 0.029 | 0.035 |
| 17 | 0.029 | 0.028 | 0.028 | 0.028 | 0.028 | 0.027 | 0.029 |
| 18 | 0.027 | 0.028 | 0.028 | 0.028 | 0.028 | 0.029 | 0.029 |
| 19 | 0.028 | 0.028 | 0.028 | 0.028 | 0.028 | 0.028 | 0.028 |
| 20 | 0.027 | 0.031 | 0.027 | 0.027 | 0.027 | 0.027 | 0.031 |
| 21 | 0.027 | 0.027 | 0.027 | 0.027 | 0.026 | 0.031 | 0.031 |
| 22 | 0.028 | 0.028 | 0.028 | 0.028 | 0.028 | 0.028 | 0.028 |
| 23 | 0.028 | 0.026 | 0.026 | 0.030 | 0.029 | 0.029 | 0.030 |
| 24 | 0.029 | 0.029 | 0.026 | 0.026 | 0.026 | 0.027 | 0.029 |
| 25 | 0.026 | 0.026 | 0.026 | 0.028 | 0.028 | 0.028 | 0.028 |
| 26 | 0.028 | 0.028 | 0.029 | 0.029 | 0.029 | 0.030 | 0.030 |
| 27 | 0.030 | 0.030 | 0.030 | 0.030 | 0.030 | 0.029 | 0.030 |
| 28 | 0.029 | 0.030 | 0.029 | 0.029 | 0.029 | 0.029 | 0.030 |
| 29 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 |

| | | | |
|---|--|---|--|
| 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: 03/04/2024 |
| | | PHONE #: (541) 685-7838 | CERT #: 7218 |

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: Feb, 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 | 01:00 | 16,784 | 0.67 | 729 | 480 | - | 8.3 | 7.7 | - | 7.9 | 7.8 | 0 | 57 | 59 | 58 | Y | 8.30 |
| 02 | 08:00 | 16,468 | 0.68 | 724 | 484 | - | 8.1 | 7.6 | - | 7.9 | 7.9 | 0 | 59 | 59 | 59 | Y | 8.18 |
| 03 | 23:00 | 17,466 | 0.67 | 684 | 454 | - | 7.6 | 7.2 | - | 7.9 | 7.8 | 0 | 60 | 60 | 60 | Y | 7.55 |
| 04 | 12:00 | 17,249 | 0.66 | 704 | 458 | - | 7.0 | 6.8 | - | 7.9 | 7.8 | 0 | 63 | 62 | 62 | Y | 7.37 |
| 05 | 10:00 | 16,358 | 0.68 | 482 | 324 | - | 6.6 | 6.7 | - | 7.9 | 7.8 | 0 | 64 | 0 | 62 | Y | 5.14 |
| 06 | 23:00 | 15,912 | 0.68 | 537 | 363 | - | 7.0 | 6.6 | - | 7.9 | 7.8 | 0 | 63 | 63 | 0 | Y | 5.76 |
| 07 | 10:00 | 16,332 | 0.67 | 765 | 507 | - | 6.5 | 6.8 | - | 7.9 | 7.9 | 0 | 66 | 62 | 64 | Y | 7.94 |
| 08 | 02:00 | 15,841 | 0.68 | 775 | 519 | - | 6.5 | 6.8 | - | 7.9 | 7.9 | 0 | 65 | 62 | 64 | Y | 8.14 |
| 09 | 00:00 | 17,894 | 0.69 | 677 | 457 | - | 6.3 | 6.8 | - | 7.9 | 7.9 | 0 | 67 | 63 | 64 | Y | 7.10 |
| 10 | 07:00 | 16,655 | 0.68 | 737 | 498 | - | 6.1 | 6.6 | - | 7.9 | 7.9 | 0 | 67 | 63 | 65 | Y | 7.66 |
| 11 | 01:00 | 16,750 | 0.68 | 734 | 492 | - | 6.1 | 6.6 | - | 7.9 | 7.9 | 0 | 67 | 63 | 64 | Y | 7.61 |
| 12 | 23:00 | 23,070 | 0.67 | 538 | 356 | - | 6.3 | 6.6 | - | 7.9 | 7.9 | 0 | 66 | 63 | 64 | Y | 5.52 |
| 13 | 23:00 | 15,197 | 0.66 | 813 | 530 | - | 6.1 | 6.7 | - | 8.0 | 7.9 | 0 | 69 | 64 | 64 | Y | 8.10 |
| 14 | 00:00 | 16,410 | 0.66 | 768 | 525 | - | 5.7 | 6.3 | - | 8.0 | 8.0 | 0 | 71 | 66 | 67 | Y | 7.70 |
| 15 | 23:00 | 15,233 | 0.62 | 783 | 517 | - | 5.6 | 6.1 | - | 8.0 | 7.9 | 0 | 71 | 67 | 68 | Y | 7.56 |
| 16 | 02:00 | 14,734 | 0.63 | 811 | 527 | - | 5.8 | 6.2 | - | 8.0 | 8.0 | 0 | 70 | 67 | 68 | Y | 7.76 |
| 17 | 21:00 | 15,011 | 0.63 | 817 | 530 | - | 6.1 | 6.4 | - | 8.0 | 7.9 | 0 | 68 | 64 | 65 | Y | 8.09 |
| 18 | 10:00 | 15,404 | 0.63 | 812 | 521 | - | 6.1 | 6.6 | - | 8.0 | 7.9 | 0 | 67 | 64 | 64 | Y | 8.01 |
| 19 | 00:00 | 15,294 | 0.64 | 810 | 520 | - | 6.4 | 6.6 | - | 7.9 | 7.9 | 0 | 66 | 63 | 64 | Y | 8.10 |
| 20 | 06:00 | 15,824 | 0.66 | 505 | 339 | - | 6.7 | 6.9 | - | 7.9 | 7.9 | 0 | 65 | 0 | 63 | Y | 5.30 |
| 21 | 16:00 | 15,425 | 0.67 | 805 | 539 | - | 6.9 | 7.1 | - | 7.9 | 7.9 | 0 | 63 | 60 | 61 | Y | 8.75 |
| 22 | 08:00 | 15,155 | 0.68 | 806 | 543 | - | 7.9 | 7.2 | - | 7.9 | 7.9 | 0 | 60 | 60 | 61 | Y | 8.98 |
| 23 | 23:00 | 15,484 | 0.67 | 783 | 525 | - | 7.0 | 7.3 | - | 7.9 | 7.9 | 0 | 63 | 61 | 61 | Y | 8.53 |
| 24 | 10:00 | 14,894 | 0.66 | 825 | 545 | - | 6.8 | 7.2 | - | 7.9 | 7.9 | 0 | 64 | 61 | 61 | Y | 8.83 |
| 25 | 00:00 | 18,776 | 0.66 | 661 | 438 | - | 6.7 | 7.0 | - | 8.0 | 7.9 | 0 | 66 | 62 | 62 | Y | 6.92 |
| 26 | 23:00 | 16,730 | 0.66 | 749 | 500 | - | 6.7 | 7.0 | - | 7.9 | 7.9 | 0 | 65 | 62 | 62 | Y | 7.95 |
| 27 | 14:00 | 21,607 | 0.65 | 565 | 367 | - | 6.2 | 6.7 | - | 7.9 | 7.8 | 0 | 67 | 62 | 63 | Y | 5.78 |
| 28 | 02:00 | 20,603 | 0.66 | 362 | 233 | - | 6.0 | 6.5 | - | 8.0 | 7.9 | 0 | 68 | 0 | 66 | Y | 3.49 |
| 29 | 20:00 | 19,175 | 0.64 | 395 | 252 | - | 5.9 | 6.5 | - | 8.0 | 7.9 | 0 | 68 | 0 | 65 | Y | 3.77 |

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

