

OHA - Drinking Water Program - Turbidity Monitoring Report Form

Conventional or Direct Filtration

| | | |
|---|------------------------------|-----------------------------|
| System Name: ALBANY, CITY OF ID#: OR4100012 WTP:-: WTP-A (Vine Street) | County: Linn & Benton | Month/Year: 8 / 2024 |
|---|------------------------------|-----------------------------|

| Day | Max IFE , 1st 4 hours, NTU | Time | Max IFE , 2nd 4 hours, NTU | Time | Max IFE , 3rd 4 hours, NTU | Time | Max IFE , 4th 4 hours, NTU | Time | Max IFE , 5th 4 hours, NTU | Time | Max IFE , 6th 4 hours, NTU | Time | Highest IFE reading of the day, NTU |
|-----|-------------------------------|----------|-------------------------------|----------|-------------------------------|---------|-------------------------------|------|-------------------------------|------|-------------------------------|------|---|
| 01 | 0.07 | 8:37 AM | 0.04 | 2:52 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 02 | 0.08 | 7:08 AM | 0.05 | 11:08 AM | 0.04 | 3:38 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 03 | 0.08 | 7:20 AM | 0.06 | 2:50 PM | 0.05 | 3:05 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 04 | 0.08 | 7:28 AM | 0.07 | 12:16 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 05 | 0.08 | 7:39 AM | 0.04 | 3:09 PM | 0.04 | 3:24 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 06 | 0.07 | 7:17 AM | 0.05 | 12:04 PM | 0.04 | 3:02 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 07 | 0.06 | 9:49 AM | 0.05 | 2:34 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |
| 08 | 0.07 | 7:09 AM | 0.04 | 1:23 PM | 0.04 | 2:54 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 09 | 0.06 | 7:38 AM | 0.05 | 1:41 PM | 0.04 | 3:24 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |
| 10 | 0.08 | 7:15 AM | 0.05 | 1:46 PM | 0.04 | 3:01 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 11 | 0.08 | 7:22 AM | 0.04 | 11:37 AM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 12 | 0.11 | 7:13 AM | 0.04 | 10:58 AM | 0.04 | 2:58 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.11 |
| 13 | 0.07 | 7:20 AM | 0.07 | 11:35 AM | 0.04 | 3:13 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 14 | 0.08 | 7:28 AM | 0.04 | 11:19 AM | 0.04 | 3:34 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 15 | 0.07 | 6:38 AM | 0.06 | 11:58 AM | 0.04 | 2:23 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 16 | 0.06 | 6:35 AM | 0.07 | 11:35 AM | 0.05 | 2:25 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 17 | 0.07 | 6:29 AM | 0.05 | 11:59 AM | 0.05 | 2:29 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 18 | 0.06 | 11:05 AM | 0.05 | 12:35 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |
| 19 | 0.05 | 6:32 AM | 0.04 | 1:16 PM | 0.04 | 2:17 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.05 |
| 20 | 0.06 | 7:25 AM | 0.04 | 1:55 PM | 0.05 | 3:10 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |
| 21 | 0.06 | 7:27 AM | 0.07 | 2:27 PM | 0.04 | 3:12 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 22 | 0.07 | 8:26 AM | 0.06 | 12:46 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 23 | 0.07 | 8:45 AM | 0.05 | 3:15 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 24 | 0.08 | 8:31 AM | 0.05 | 12:27 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 25 | 0.07 | 7:19 AM | 0.07 | 12:54 PM | 0.04 | 3:04 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 26 | 0.05 | 7:30 AM | 0.05 | 12:29 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.05 |
| 27 | 0.06 | 6:10 AM | 0.04 | 9:55 AM | 0.04 | 3:40 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |
| 28 | 0.05 | 7:03 AM | 0.06 | 1:03 PM | 0.04 | 2:48 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |
| 29 | 0.09 | 7:45 AM | 0.06 | 2:46 PM | 0.06 | 3:16 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.09 |
| 30 | 0.09 | 7:12 AM | 0.08 | 1:12 PM | 0.08 | 3:27 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.09 |
| 31 | 0.09 | 11:27 AM | 0.10 | 1:18 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.10 |

| | | |
|--|--|--|
| Conventional Filtration - Using LT2 Toolbox CFE/IFE Option for Additional 1.0-log Credit 95% of the 15-minute increment IFE turbidity readings <= 0.15? No IFE turbidity exceeded 0.3 NTU in two consecutive measurements? 95% of maximum IFE readings <= 0.15? All turbidity readings < IFE triggers?(1) | Yes / No Yes / No Yes / No Yes / No | Monthly Summary (Answer Yes or No) CT's met everyday? All CL2 residuals at entry point >= 0.2 mg/?l |
| Notes: | | PRINTED NAME: <i>Chris Germond</i> SIGNATURE: <i>Chris Germond</i> PHONE #: <i>541-704-2309</i> |

(1) IFE = Individual Filter Effluent (OAR 333-061-0040(1)(d))

OHA - Drinking Water Program - Surface Water Quality Data Form

System Name: ALBANY, CITY OF ID #: OR4100012 WTP:-WTP-A **Month/Year: 8/2024**

Required Log Inactivation: 0.5

| Date / Time | Minimum CL2 Residual @ 1st User (C) (1) [ppm or mg/L] | Contact Time (T) [minutes] | Actual CT C x T | Temp. [°C] | pH | Reqd. CT Use tables | CT Met? (1) Yes / No | Peak Hourly Demand Flow (2) [GPM] |
|-------------|--|-------------------------------|--------------------|---------------|------|------------------------|-------------------------|--------------------------------------|
| 08/01/24 | 1.38 | 79 | 109 | 18.4 | 8.12 | 17 | YES | 7707 |
| 08/02/24 | 1.29 | 73 | 94 | 19.8 | 8.16 | 16 | YES | 7585 |
| 08/03/24 | 1.26 | 85 | 107 | 19.8 | 8.17 | 16 | YES | 6667 |
| 08/04/24 | 1.26 | 89 | 112 | 19.3 | 8.23 | 17 | YES | 6946 |
| 08/05/24 | 1.22 | 69 | 84 | 19.0 | 8.15 | 16 | YES | 7259 |
| 08/06/24 | 1.28 | 72 | 92 | 18.6 | 8.22 | 17 | YES | 7505 |
| 08/07/24 | 1.34 | 81 | 109 | 18.3 | 8.31 | 18 | YES | 7893 |
| 08/08/24 | 1.35 | 73 | 99 | 18.9 | 8.24 | 17 | YES | 8526 |
| 08/09/24 | 1.29 | 70 | 90 | 18.9 | 8.20 | 17 | YES | 8767 |
| 08/10/24 | 1.31 | 72 | 94 | 18.8 | 8.19 | 17 | YES | 8840 |
| 08/11/24 | 1.27 | 96 | 122 | 18.7 | 8.21 | 17 | YES | 5834 |
| 08/12/24 | 1.28 | 81 | 104 | 17.8 | 8.23 | 18 | YES | 7028 |
| 08/13/24 | 1.28 | 47 | 60 | 16.6 | 8.20 | 20 | YES | 7110 |
| 08/14/24 | 1.31 | 85 | 111 | 16.0 | 8.15 | 20 | YES | 6188 |
| 08/15/24 | 1.27 | 67 | 85 | 16.6 | 8.16 | 19 | YES | 8421 |
| 08/16/24 | 1.37 | 71 | 97 | 17.3 | 8.11 | 18 | YES | 8386 |
| 08/17/24 | 1.21 | 66 | 80 | 17.4 | 8.14 | 18 | YES | 8868 |
| 08/18/24 | 1.23 | 114 | 140 | 17.5 | 8.09 | 18 | YES | 4960 |
| 08/19/24 | 1.29 | 82 | 106 | 17.3 | 8.04 | 18 | YES | 7685 |
| 08/20/24 | 1.30 | 90 | 117 | 17.1 | 8.08 | 18 | YES | 5905 |
| 08/21/24 | 1.29 | 102 | 132 | 17.0 | 8.09 | 18 | YES | 5948 |
| 08/22/24 | 1.32 | 98 | 129 | 16.9 | 8.12 | 19 | YES | 5731 |
| 08/23/24 | 1.34 | 105 | 141 | 16.3 | 8.15 | 20 | YES | 5744 |
| 08/24/24 | 1.28 | 65 | 83 | 16.1 | 8.14 | 20 | YES | 8452 |
| 08/25/24 | 1.27 | 86 | 109 | 15.9 | 8.13 | 20 | YES | 5791 |
| 08/26/24 | 1.32 | 86 | 114 | 16.2 | 8.13 | 20 | YES | 6756 |
| 08/27/24 | 1.29 | 59 | 76 | 16.7 | 8.02 | 18 | YES | 7391 |
| 08/28/24 | 1.30 | 102 | 133 | 16.0 | 8.08 | 20 | YES | 5973 |
| 08/29/24 | 1.26 | 80 | 101 | 15.7 | 8.10 | 20 | YES | 7607 |
| 08/30/24 | 1.28 | 77 | 99 | 16.2 | 8.10 | 20 | YES | 7568 |
| 08/31/24 | 1.34 | 97 | 130 | 16.9 | 8.03 | 18 | YES | 6006 |

Signature: Chris Germond

Date: 9/6/24

Print Name: Chris Germond

Cert #: T-08682

(1) If Cl2 at entry point < 0.2 mg/l, OR CT not met, notify DWP by end of next business day.
 (2) Prior to 12/2014 Peak Instantaneous Demand Flow is used.



Vine St. IFE Turbidity Compliance

August 2024

Combined IFE Measurement Results

- 95% of the 15-minute increment IFE turbidity readings ≤ 0.15 NTU?..... **Yes**
- No IFE turbidity exceeded 0.3 NTU in two consecutive measurements?..... **Yes**
- 95% of Maximum IFE readings ≤ 0.15 NTU?..... **Yes**

Individual Filter Measurement Results

| Filter Number | Percent of Readings ≤ 0.15 NTU | Two Consecutive Readings > 0.3 NTU? |
|---------------|-------------------------------------|---------------------------------------|
| 1 | 100.0 | No |
| 2 | 100.0 | No |
| 3 | 100.0 | No |
| 4 | 100.0 | No |
| 5 | 100.0 | No |
| 6 | 100.0 | No |
| 7 | 100.0 | No |
| 8 | 100.0 | No |
| 9 | 100.0 | No |
| 10 | 100.0 | No |

IFE Measurements > 0.15 NTU

| Time | Filter Number | Turbidity (NTU) | Four Hour Time Block | Second Consecutive Measurement > 0.3 NTU? |
|------|---------------|-----------------|----------------------|---|
|------|---------------|-----------------|----------------------|---|