

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: 5 / 2025 |
|--|-----------------------|----------------------|

| 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 | 0.11 | 8:11 AM | 0.08 | 12:02 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.11 |
| 02 | 0.09 | 10:31 AM | 0.08 | 2:28 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.09 |
| 03 | 0.07 | 11:57 AM | 0.08 | 1:08 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 04 | 0.07 | 12:52 PM | 0.07 | 1:52 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 05 | 0.09 | 1:13 PM | 0.09 | 2:13 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.09 |
| 06 | 0.10 | 10:35 AM | 0.06 | 1:20 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.10 |
| 07 | 0.05 | 8:35 AM | 0.06 | 2:20 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |
| 08 | 0.06 | 8:41 AM | 0.05 | 1:56 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |
| 09 | 0.06 | 8:04 AM | 0.04 | 3:35 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |
| 10 | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | |
| 11 | 0.09 | 8:06 AM | 0.05 | 12:36 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.09 |
| 12 | 0.08 | 11:40 AM | 0.10 | 12:55 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.10 |
| 13 | 0.09 | 11:06 AM | 0.06 | 2:21 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.09 |
| 14 | 0.10 | 1:36 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.10 |
| 15 | 0.07 | 9:44 AM | 0.06 | 2:11 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 16 | 0.07 | 9:00 AM | 0.05 | 1:15 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 17 | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | |
| 18 | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | |
| 19 | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | |
| 20 | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | |
| 21 | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | |
| 22 | 0.10 | 10:49 AM | 0.05 | 2:34 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.10 |
| 23 | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | |
| 24 | 0.06 | 8:52 AM | 0.07 | 2:22 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 25 | 0.06 | 1:00 PM | 0.05 | 1:53 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |
| 26 | 0.06 | 9:28 AM | 0.07 | 2:13 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 27 | 0.08 | 9:34 AM | 0.07 | 2:14 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 28 | 0.07 | 9:56 AM | 0.06 | 11:34 AM | 0.05 | 3:25 PM | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 29 | 0.06 | 7:41 AM | 0.06 | 12:16 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |
| 30 | 0.06 | 7:35 AM | 0.05 | 2:50 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |
| 31 | 0.06 | 7:35 AM | 0.06 | 2:35 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |

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

(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: 5/2025 | Required Log Inactivation: 0.5 |
|---|--------------------|--------------------------------|

| Date / Time | Minimum CL2 Residual @ 1st User (C) (1) | Contact Time (T) | Actual CT | Temp. | pH | Reqd. CT | CT Met? (1) | Peak Hourly Demand Flow (2) |
|-------------|---|------------------|-----------|-------|------|------------|-------------|-----------------------------|
| | [ppm or mg/L] | [minutes] | C x T | [°C] | | Use tables | Yes / No | [GPM] |
| 05/01/25 | 1.14 | 75 | 86 | 14.1 | 8.26 | 23 | YES | 5848 |
| 05/02/25 | 1.11 | 75 | 83 | 14.8 | 8.30 | 23 | YES | 5954 |
| 05/03/25 | 1.04 | 96 | 100 | 15.3 | 8.19 | 21 | YES | 4647 |
| 05/04/25 | 1.04 | 94 | 98 | 14.5 | 8.24 | 22 | YES | 4662 |
| 05/05/25 | 1.04 | 147 | 153 | 14.1 | 8.32 | 24 | YES | 2990 |
| 05/06/25 | 1.01 | 60 | 61 | 14.6 | 8.23 | 22 | YES | 7406 |
| 05/07/25 | 1.04 | 82 | 85 | 15.6 | 8.41 | 22 | YES | 4457 |
| 05/08/25 | 1.09 | 80 | 87 | 15.5 | 8.22 | 21 | YES | 5925 |
| 05/09/25 | 1.01 | 79 | 80 | 15.3 | 8.28 | 21 | YES | 6317 |
| 05/10/25 | Plant Off | | | | | | | |
| 05/11/25 | 0.97 | 70 | 68 | 15.7 | 8.21 | 20 | YES | 6103 |
| 05/12/25 | 1.10 | 110 | 121 | 15.0 | 8.23 | 22 | YES | 4710 |
| 05/13/25 | 1.03 | 88 | 91 | 14.4 | 8.14 | 22 | YES | 3974 |
| 05/14/25 | 1.00 | 89 | 89 | 14.9 | 8.23 | 22 | YES | 480 |
| 05/15/25 | 1.06 | 79 | 84 | 15.2 | 8.22 | 21 | YES | 5903 |
| 05/16/25 | 1.05 | 60 | 63 | 14.5 | 8.24 | 22 | YES | 5916 |
| 05/17/25 | Plant Off | | | | | | | |
| 05/18/25 | Plant Off | | | | | | | |
| 05/19/25 | Plant Off | | | | | | | |
| 05/20/25 | Plant Off | | | | | | | |
| 05/21/25 | Plant Off | | | | | | | |
| 05/22/25 | Plant Off | | | | | | | |
| 05/23/25 | Plant Off | | | | | | | |
| 05/24/25 | 1.11 | 91 | 101 | 14.9 | 8.21 | 22 | YES | 5504 |
| 05/25/25 | 1.06 | 98 | 104 | 15.3 | 8.08 | 20 | YES | 4898 |
| 05/26/25 | 1.08 | 78 | 84 | 14.9 | 8.06 | 20 | YES | 5416 |
| 05/27/25 | 1.08 | 138 | 149 | 14.8 | 8.11 | 21 | YES | 2834 |
| 05/28/25 | 1.05 | 55 | 58 | 15.4 | 8.09 | 20 | YES | 5571 |
| 05/29/25 | 1.05 | 87 | 91 | 16.4 | 8.26 | 20 | YES | 5901 |
| 05/30/25 | 1.09 | 83 | 90 | 15.7 | 8.22 | 21 | YES | 6187 |
| 05/31/25 | 1.11 | 83 | 92 | 16.0 | 8.20 | 20 | YES | 6223 |

| | |
|---|---|
| Signature: <u>Chris Germond</u> Print Name: <u>Chris Germond</u> | Date: <u>6/6/25</u> Cert #: <u>T-08682</u> |
|---|---|

(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

May 2025

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? |
|------|---------------|-----------------|----------------------|---|
|------|---------------|-----------------|----------------------|---|