

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: 10 / 2023 |
|---|----------------------------------|------------------------------|

| 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 | 10:33 AM | 0.05 | 2:48 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 02 | 0.06 | 9:35 AM | 0.04 | 1:20 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |
| 03 | 0.06 | 10:45 AM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |
| 04 | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | |
| 05 | 0.06 | 10:22 AM | 0.04 | 2:07 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |
| 06 | 0.08 | 9:47 AM | 0.04 | 1:32 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 07 | 0.08 | 10:02 AM | 0.04 | 1:47 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 08 | 0.07 | 9:34 AM | 0.04 | 1:19 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 09 | 0.07 | 9:55 AM | 0.04 | 1:40 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 10 | 0.08 | 9:43 AM | 0.04 | 1:28 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 11 | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | |
| 12 | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | |
| 13 | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | |
| 14 | 0.08 | 9:54 AM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 15 | 0.08 | 9:50 AM | 0.05 | 1:36 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 16 | 0.09 | 10:10 AM | 0.05 | 1:55 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.09 |
| 17 | 0.08 | 10:35 AM | 0.05 | 2:20 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 18 | 0.09 | 9:49 AM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.09 |
| 19 | 0.09 | 9:46 AM | 0.05 | 1:31 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.09 |
| 20 | 0.10 | 10:57 AM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.10 |
| 21 | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | |
| 22 | 0.07 | 10:14 AM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 23 | 0.08 | 9:44 AM | 0.06 | 2:14 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 24 | 0.07 | 8:03 AM | 0.07 | 1:48 PM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.07 |
| 25 | 0.06 | 9:33 AM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.06 |
| 26 | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | |
| 27 | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | |
| 28 | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | |
| 29 | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | |
| 30 | 0.08 | 10:57 AM | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | Plant Offline | | 0.08 |
| 31 | 0.06 | 1:39 PM | Plant Offline | | 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? 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 | CT's met everyday? Yes / No |
| Notes: | All CL2 residuals at entry point >= 0.2 mg/?l Yes / No | |
| | PRINTED NAME: <i>Chris Germond</i> | |
| | SIGNATURE: <i>Chris Germond</i> | |
| | PHONE #: <i>541-704-7309</i> | |

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



Vine St. IFE Turbidity Compliance

October 2023

Combined IFE Measurement Results

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

Individual Filter Measurement Results

| Filter Number | Percent of Readings \leq 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? |
|------|---------------|-----------------|----------------------|---|
|------|---------------|-----------------|----------------------|---|

OHA - Drinking Water Program - Surface Water Quality Data Form

| | | |
|---|---------------------|--------------------------------|
| System Name: ALBANY, CITY OF ID #: OR4100012 WTP:-WTP-A | Month/Year: 10/2023 | 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] |
|-------------|--|-------------------------------|--------------------|---------------|------|------------------------|-------------------------|--------------------------------------|
| 10/01/23 | 0.95 | 67 | 64 | 14.9 | 8.12 | 21 | YES | 4849 |
| 10/02/23 | 0.90 | 74 | 67 | 14.7 | 8.20 | 21 | YES | 4730 |
| 10/03/23 | 0.83 | 75 | 62 | 15.0 | 8.10 | 20 | YES | 4752 |
| 10/04/23 | Plant Off | | | | | | | |
| 10/05/23 | 0.95 | 145 | 138 | 15.7 | 8.27 | 21 | YES | 3092 |
| 10/06/23 | 0.94 | 93 | 87 | 16.4 | 8.30 | 20 | YES | 3666 |
| 10/07/23 | 1.23 | 101 | 124 | 16.8 | 8.18 | 19 | YES | 3579 |
| 10/08/23 | 1.18 | 71 | 84 | 16.8 | 8.14 | 19 | YES | 4731 |
| 10/09/23 | 1.16 | 63 | 73 | 16.6 | 8.11 | 19 | YES | 3306 |
| 10/10/23 | 1.15 | 70 | 81 | 16.0 | 8.18 | 20 | YES | 4702 |
| 10/11/23 | Plant Off | | | | | | | |
| 10/12/23 | Plant Off | | | | | | | |
| 10/13/23 | Plant Off | | | | | | | |
| 10/14/23 | Plant Off | | | | | | | |
| 10/15/23 | 1.14 | 90 | 103 | 15.9 | 8.46 | 22 | YES | 1743 |
| 10/16/23 | 1.10 | 137 | 151 | 16.1 | 8.34 | 21 | YES | 2172 |
| 10/17/23 | 1.17 | 153 | 179 | 16.6 | 8.30 | 20 | YES | 2299 |
| 10/18/23 | 1.05 | 124 | 130 | 16.5 | 7.97 | 18 | YES | 2141 |
| 10/19/23 | 0.92 | 97 | 89 | 16.4 | 8.18 | 19 | YES | 4631 |
| 10/20/23 | 0.92 | 61 | 56 | 16.6 | 8.35 | 20 | YES | 2816 |
| 10/21/23 | Plant Off | | | | | | | |
| 10/22/23 | 0.94 | 142 | 133 | 16.9 | 8.11 | 18 | YES | 1664 |
| 10/23/23 | 1.02 | 103 | 105 | 17.1 | 8.13 | 18 | YES | 3928 |
| 10/24/23 | 1.04 | 53 | 55 | 16.5 | 8.15 | 19 | YES | 6905 |
| 10/25/23 | 1.02 | 91 | 93 | 15.7 | 8.07 | 19 | YES | 3499 |
| 10/26/23 | Plant Off | | | | | | | |
| 10/27/23 | Plant Off | | | | | | | |
| 10/28/23 | Plant Off | | | | | | | |
| 10/29/23 | Plant Off | | | | | | | |
| 10/30/23 | 0.70 | 152 | 106 | 14.2 | 8.11 | 21 | YES | 1290 |
| 10/31/23 | 1.02 | 152 | 155 | 13.0 | 8.13 | 24 | YES | 802 |

| | |
|----------------------------------|------------------------|
| Signature: <u>Chris Germond</u> | Date: <u>11/8/23</u> |
| Print Name: <u>Chris Germond</u> | Cert #: <u>I-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.