

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: 4 / 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	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
02	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
03	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
04	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
05	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
06	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
07	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
08	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
09	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
10	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
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	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
15	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
16	0.09	11:01 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.09
17	0.06	10:37 AM	0.05	2:22 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
18	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
19	0.09	12:10 PM	0.07	1:54 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.09
20	0.08	10:05 AM	0.06	1:49 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
21	0.09	10:25 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.09
22	0.09	10:16 AM	0.07	2:01 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.09
23	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
24	0.10	10:55 AM	0.06	2:40 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.10
25	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
26	0.10	1:20 PM	0.09	1:35 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.10
27	0.09	10:03 AM	0.07	2:48 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.09
28	0.09	10:46 AM	0.08	3:09 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.09
29	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
30	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		

<p>Conventional Filtration - Using LT2 Toolbox CFE/IFE Option for Additional 1.0-log Credit</p> <p>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)</p> <p>Notes:</p>	<p align="center">Monthly Summary (Answer Yes or No)</p> <table style="width:100%;"> <tr> <td style="width:50%;"> CT's met everyday? <input checked="" type="radio"/> Yes / <input type="radio"/> No </td> <td style="width:50%;"> All CL2 residuals at entry point >= 0.2 mg/?l <input checked="" type="radio"/> Yes / <input type="radio"/> No </td> </tr> </table> <p>PRINTED NAME: <i>Chris Gorman</i> SIGNATURE: <i>Chris Gorman</i> PHONE #: <i>597-990-0748</i></p>	CT's met everyday? <input checked="" type="radio"/> Yes / <input type="radio"/> No	All CL2 residuals at entry point >= 0.2 mg/?l <input checked="" type="radio"/> Yes / <input type="radio"/> No
CT's met everyday? <input checked="" type="radio"/> Yes / <input type="radio"/> No	All CL2 residuals at entry point >= 0.2 mg/?l <input checked="" type="radio"/> Yes / <input type="radio"/> No		

(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: 4/2024	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]
04/01/24	Plant Off							
04/02/24	Plant Off							
04/03/24	Plant Off							
04/04/24	Plant Off							
04/05/24	Plant Off							
04/06/24	Plant Off							
04/07/24	Plant Off							
04/08/24	Plant Off							
04/09/24	Plant Off							
04/10/24	Plant Off							
04/11/24	Plant Off							
04/12/24	Plant Off							
04/13/24	Plant Off							
04/14/24	Plant Off							
04/15/24	Plant Off							
04/16/24	0.93	203	189	12.7	8.12	24	YES	1645
04/17/24	1.01	126	127	12.2	8.01	24	YES	2854
04/18/24	Plant Off							
04/19/24	1.05	141	148	12.5	8.13	24	YES	3062
04/20/24	1.08	160	173	13.0	8.04	23	YES	2805
04/21/24	Plant Off							
04/22/24	1.10	153	168	12.9	8.14	24	YES	2853
04/23/24	Plant Off							
04/24/24	1.04	123	128	13.7	8.15	23	YES	2678
04/25/24	Plant Off							
04/26/24	1.12	129	144	13.8	8.08	22	YES	2768
04/27/24	1.01	150	152	13.2	8.09	23	YES	2930
04/28/24	1.06	151	160	12.8	8.12	24	YES	2873
04/29/24	Plant Off							
04/30/24	Plant Off							

Signature: <u>Chris Germond</u>	Date: <u>5/9/2024</u>
Print Name: <u>Chris Germond</u>	Cert #: <u>T-03682</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

April 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?
------	---------------	-----------------	----------------------	---