

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 / 2022
---	----------------------------------	-----------------------------

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	0.10	12:00 PM	0.05	3:37 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.10
08	0.06	12:10 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
09	0.08	9:49 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
10	0.06	11:09 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
11	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
12	0.06	10:36 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
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	0.08	10:27 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
16	0.06	11:09 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
17	0.06	11:27 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
18	0.10	11:54 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.10
19	0.06	11:24 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
20	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
21	0.08	10:32 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
22	0.07	9:48 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
23	0.07	11:16 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
24	0.07	11:13 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
25	0.06	12:31 PM	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	0.09	10:51 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.09
29	0.07	11:27 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
30	0.08	11:23 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08

<p align="center">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%; text-align: center;"> CT's min everyday? Yes/No <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No </td> <td style="width:50%; text-align: center;"> All CL2 residuals at entry point >= 0.2 mg/?l Yes/No <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No </td> </tr> </table> <p>PRINTED NAME: <i>Chuck Loffler</i></p> <p>SIGNATURE: <i>[Signature]</i></p> <p>PHONE #: 541-990-1907</p>	CT's min everyday? Yes/No <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All CL2 residuals at entry point >= 0.2 mg/?l Yes/No <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
CT's min everyday? Yes/No <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All CL2 residuals at entry point >= 0.2 mg/?l Yes/No <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> 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: 4/2022	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]
04/01/22	Plant Off							
04/02/22	Plant Off							
04/03/22	Plant Off							
04/04/22	Plant Off							
04/05/22	Plant Off							
04/06/22	Plant Off							
04/07/22	0.60	156	94	10.9	8.25	27	YES	454
04/08/22	0.95	166	158	11.1	8.18	27	YES	749
04/09/22	0.88	169	149	11.1	7.97	25	YES	297
04/10/22	0.92	191	176	10.4	8.15	28	YES	1019
04/11/22	Plant Off							
04/12/22	0.86	169	145	9.5	8.25	31	YES	1147
04/13/22	Plant Off							
04/14/22	Plant Off							
04/15/22	0.62	174	108	9.0	8.22	30	YES	404
04/16/22	Plant Off							
04/17/22	1.25	175	219	8.3	8.05	32	YES	420
04/18/22	1.23	177	218	8.4	8.11	33	YES	839
04/19/22	Plant Off							
04/20/22	Plant Off							
04/21/22	0.99	162	160	8.7	8.09	31	YES	357
04/22/22	Plant Off							
04/23/22	0.94	104	98	8.8	8.10	31	YES	582
04/24/22	1.00	150	150	9.3	8.02	29	YES	1286
04/25/22	1.08	194	210	10.1	7.99	27	YES	982
04/26/22	Plant Off							
04/27/22	Plant Off							
04/28/22	0.88	103	91	10.7	8.06	26	YES	415
04/29/22	1.06	183	194	10.9	8.14	27	YES	300
04/30/22	1.09	161	175	10.9	8.13	27	YES	236

Signature:	Date: <u>5-6-22</u>
Print Name: <u>Chuck Leffler</u>	Cert #: <u>T-7158 FE</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 2022

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?