

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: 6 / 2022
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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	1:17 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.11
02	0.07	11:23 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
03	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
04	0.09	11:06 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.09
05	0.08	2:02 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
06	0.06	11:49 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
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	0.10	12:59 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.10
11	0.08	12:35 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
12	0.06	12:08 PM	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	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
16	0.08	12:19 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
17	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
18	0.06	11:10 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
19	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
20	0.06	11:19 AM	0.04	3:11 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
21	0.05	9:28 AM	0.05	3:12 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.05
22	0.06	8:51 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
23	0.06	8:46 AM	0.04	12:45 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
24	0.06	9:38 AM	0.05	1:26 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
25	0.06	9:30 AM	0.06	2:15 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
26	0.07	8:36 AM	0.04	1:36 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
27	0.08	7:59 AM	0.05	2:15 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
28	0.07	8:28 AM	0.05	2:13 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
29	0.06	7:01 AM	0.05	11:46 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
30	0.05	7:46 AM	0.05	12:44 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.05


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)	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	CT's met everyday? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
Notes:	All CL2 residuals at entry point >= 0.2 mg/?l <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	
	PRINTED NAME: <i>Chuck Leffler</i> SIGNATURE: <i>[Signature]</i> PHONE #: <i>541-990-1907</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: 6/2022	Required Log Inactivation: 0.5
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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]
06/01/22	Plant Off							
06/02/22	0.88	102	90	13.1	8.17	23	YES	172
06/03/22	Plant Off							
06/04/22	0.90	191	172	13.7	8.13	22	YES	1610
06/05/22	1.05	195	205	13.1	7.89	22	YES	1569
06/06/22	1.03	158	163	13.2	7.89	21	YES	1089
06/07/22	Plant Off							
06/08/22	Plant Off							
06/09/22	Plant Off							
06/10/22	0.51	155	79	13.7	8.21	22	YES	485
06/11/22	0.90	182	164	13.9	8.07	22	YES	488
06/12/22	0.95	160	152	13.5	8.10	22	YES	1109
06/13/22	Plant Off							
06/14/22	Plant Off							
06/15/22	Plant Off							
06/16/22	0.62	165	102	13.2	8.16	23	YES	952
06/17/22	Plant Off							
06/18/22	0.71	140	99	13.3	8.02	22	YES	251
06/19/22	Plant Off							
06/20/22	1.12	221	248	12.7	7.89	22	YES	1716
06/21/22	1.19	170	202	12.9	8.01	23	YES	2396
06/22/22	Plant Off							
06/23/22	1.13	241	272	14.4	8.07	21	YES	1650
06/24/22	1.08	108	117	14.5	8.04	21	YES	446
06/25/22	1.05	237	249	15.1	8.05	20	YES	1649
06/26/22	1.16	165	191	15.7	7.99	19	YES	2513
06/27/22	1.23	110	135	16.3	7.95	18	YES	4123
06/28/22	1.15	63	72	16.1	8.03	19	YES	6677
06/29/22	1.08	65	70	15.1	7.92	19	YES	7158
06/30/22	1.05	262	275	14.6	7.99	20	YES	1785

Signature:  Print Name: <u>Chuck Lettler</u>	Date: <u>7-7-22</u> Cert #: <u>T-7158 FE</u>
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(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

June 2022

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?
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