

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: 11 / 2021
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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	0.07	9:49 AM	0.07	1:34 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
02	0.07	9:58 AM	0.06	1:43 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
03	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
04	0.07	10:32 AM	0.07	2:17 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
05	0.07	10:33 AM	0.06	2:19 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
06	0.06	10:42 AM	0.06	2:27 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
07	0.07	11:13 AM	0.07	4:13 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
08	0.08	1:52 PM	0.07	2:42 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
09	0.08	1:23 PM	0.07	1:53 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
10	0.06	11:18 AM	0.06	3:03 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
11	0.08	12:21 PM	0.06	2:23 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
12	0.08	1:41 PM	0.07	1:56 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
13	0.08	12:36 PM	0.07	2:46 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
14	0.08	1:16 PM	0.07	2:01 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
15	0.07	10:01 AM	0.08	2:31 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
16	0.11	2:34 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.11
17	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
18	0.08	11:06 AM	0.06	2:52 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
19	0.07	10:49 AM	0.06	2:34 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
20	0.07	10:31 AM	0.06	2:17 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
21	0.07	10:33 AM	0.06	2:18 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
22	0.06	7:53 AM	0.06	11:38 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
23	0.07	10:05 AM	0.06	1:50 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
24	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
25	0.07	11:16 AM	0.06	3:01 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
26	0.07	11:12 AM	0.06	2:57 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
27	0.07	11:09 AM	0.06	2:54 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
28	0.10	11:27 AM	0.08	2:12 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.10
29	0.07	9:50 AM	0.06	1:35 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
30	0.07	10:31 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07


<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>	Yes / No <input checked="" type="checkbox"/> / <input type="checkbox"/> <input checked="" type="checkbox"/> / <input type="checkbox"/> <input checked="" type="checkbox"/> / <input type="checkbox"/>	<p>Monthly Summary (Answer Yes or No)</p> <p>CT's > 1 everyday? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No</p> <p>All CL2 residuals entry point >= 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No</p> <p>PRINTED NAME: Charles Leffler</p> <p>SIGNATURE: </p> <p>PHONE #: 541-990-1907</p>
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(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: 11/2021	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]
11/01/21	1.06	111	118	10.8	8.18	28	YES	3333
11/02/21	1.03	282	290	10.7	8.18	28	YES	1531
11/03/21	Plant Off							
11/04/21	1.00	107	107	11.4	8.03	25	YES	3084
11/05/21	1.13	71	80	11.6	8.10	26	YES	2918
11/06/21	1.14	110	125	11.2	8.22	28	YES	2725
11/07/21	1.14	87	99	10.2	8.07	28	YES	2986
11/08/21	1.07	247	264	9.6	7.99	28	YES	1492
11/09/21	1.16	91	106	9.4	8.03	29	YES	3063
11/10/21	1.00	100	100	9.8	8.14	29	YES	2810
11/11/21	1.00	251	251	10.3	8.17	29	YES	1515
11/12/21	0.99	255	252	11.3	8.11	26	YES	1565
11/13/21	1.03	243	250	11.6	8.14	26	YES	1529
11/14/21	1.03	134	138	11.7	8.17	26	YES	2944
11/15/21	0.97	96	93	11.7	8.17	26	YES	3391
11/16/21	0.79	61	48	11.3	8.14	26	YES	1872
11/17/21	Plant Off							
11/18/21	0.96	93	89	10.4	8.23	29	YES	1452
11/19/21	1.36	89	121	9.6	8.16	31	YES	3008
11/20/21	1.31	74	97	9.2	8.18	32	YES	3143
11/21/21	1.15	64	74	8.4	8.22	34	YES	2456
11/22/21	1.04	137	142	8.1	8.22	34	YES	2938
11/23/21	1.16	138	160	8.4	8.20	34	YES	2928
11/24/21	Plant Off							
11/25/21	0.97	259	251	9.0	8.23	32	YES	1527
11/26/21	1.10	183	201	8.8	8.22	33	YES	2085
11/27/21	1.22	63	77	9.4	8.20	31	YES	2674
11/28/21	1.09	245	267	9.8	8.11	29	YES	1425
11/29/21	1.13	257	290	10.3	8.20	29	YES	1572
11/30/21	1.10	80	88	10.2	8.24	30	YES	2119

Signature: <u></u> Print Name: <u>Chuck Leffler</u>	Date: <u>12-10-21</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

November 2021

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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