

**OHA - Drinking Water Program - Turbidity Monitoring Report Form**  
**Conventional or Direct Filtration**

<b>System Name: ALBANY, CITY OF ID#: OR4100012 WTP:-WTP-A (Vine Street)</b>	<b>County: Linn &amp; Benton</b>	<b>Month/Year: 9 / 2021</b>
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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	0.09	9:45 AM	0.05	10:30 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.09
02	0.06	6:52 AM	0.06	10:37 AM	0.05	2:52 PM	Plant Offline		Plant Offline		Plant Offline		0.06
03	0.06	7:00 AM	0.05	12:45 PM	0.05	2:45 PM	Plant Offline		Plant Offline		Plant Offline		0.06
04	0.06	9:34 AM	0.07	1:04 PM	0.05	3:04 PM	Plant Offline		Plant Offline		Plant Offline		0.07
05	0.07	8:23 AM	0.05	10:23 AM	0.05	3:23 PM	Plant Offline		Plant Offline		Plant Offline		0.07
06	0.06	6:34 AM	0.05	10:19 AM	0.05	2:49 PM	Plant Offline		Plant Offline		Plant Offline		0.06
07	0.06	6:34 AM	0.05	1:19 PM	0.05	2:19 PM	Plant Offline		Plant Offline		Plant Offline		0.06
08	0.07	6:59 AM	0.06	11:59 AM	0.05	2:44 PM	Plant Offline		Plant Offline		Plant Offline		0.07
09	0.07	7:12 AM	0.06	10:57 AM	0.05	2:57 PM	Plant Offline		Plant Offline		Plant Offline		0.07
10	0.07	6:38 AM	0.06	10:23 AM	0.06	2:23 PM	Plant Offline		Plant Offline		Plant Offline		0.07
11	0.08	7:40 AM	0.08	2:53 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
12	0.09	9:43 AM	0.06	10:13 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.09
13	0.09	11:50 AM	0.08	3:06 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.09
14	0.07	7:01 AM	0.06	10:46 AM	0.06	2:46 PM	Plant Offline		Plant Offline		Plant Offline		0.07
15	0.07	7:28 AM	0.07	12:43 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
16	0.07	7:38 AM	0.05	11:42 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
17	0.06	10:47 AM	0.05	11:02 AM	0.04	2:50 PM	Plant Offline		Plant Offline		Plant Offline		0.06
18	0.07	11:17 AM	0.06	12:17 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
19	0.06	9:20 AM	0.05	2:51 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
20	0.06	8:24 AM	0.05	12:09 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
21	0.06	9:03 AM	0.05	12:48 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
22	0.06	7:58 AM	0.05	11:43 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
23	0.06	8:31 AM	0.05	12:16 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
24	0.08	9:14 AM	0.05	12:11 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
25	0.06	7:56 AM	0.05	2:11 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
26	0.06	9:14 AM	0.05	1:29 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
27	0.06	9:03 AM	0.05	12:49 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
28	0.06	9:09 AM	0.05	12:54 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
29	0.06	11:54 AM	0.05	1:39 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
30	0.07	9:59 AM	0.05	1:44 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07

<p align="center"><b>Conventional Filtration - Using LT2 Toolbox CFE/IFE Option for Additional 1.0-log Credit</b></p> <p>95% of the 15-minute increment IFE turbidity readings &lt;= 0.15?          No IFE turbidity exceeded 0.3 NTU in two consecutive measurements?          95% of maximum IFE readings &lt;= 0.15?          All turbidity readings &lt; IFE triggers?(1)</p> <p>Notes:</p>	<p align="center"><b>Monthly Summary (Answer Yes or No)</b></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 &gt;= 0.2 mg/?l  <input checked="" type="radio"/> Yes <input type="radio"/> No             </td> </tr> </table> <p>PRINTED NAME: <i>Scott W. Laroque</i>                  SIGNATURE: <i>[Signature]</i>                  PHONE #: <i>541 791 2175</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:** 9/2021

**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]
09/01/21	1.10	85	94	14.2	8.10	22	YES	4468
09/02/21	1.08	117	126	14.3	8.14	22	YES	3497
09/03/21	1.13	75	85	14.4	8.13	22	YES	6042
09/04/21	1.09	81	88	14.3	8.12	22	YES	4664
09/05/21	1.04	94	98	15.0	8.10	21	YES	4487
09/06/21	0.99	105	104	15.7	8.00	19	YES	4191
09/07/21	1.00	81	81	15.6	8.02	19	YES	4661
09/08/21	1.09	123	134	15.3	8.06	20	YES	3691
09/09/21	1.04	123	128	15.6	8.11	20	YES	3597
09/10/21	1.02	103	105	15.3	8.01	19	YES	3889
09/11/21	0.99	127	126	14.7	8.16	21	YES	3519
09/12/21	1.02	94	96	14.4	8.26	23	YES	3350
09/13/21	1.09	58	63	14.3	8.24	23	YES	4317
09/14/21	1.06	123	130	13.9	8.19	23	YES	3491
09/15/21	1.01	97	98	14.3	8.23	23	YES	4634
09/16/21	1.06	102	108	13.9	8.12	22	YES	3365
09/17/21	1.09	96	105	13.0	8.27	25	YES	3652
09/18/21	1.00	93	93	13.3	8.22	24	YES	5286
09/19/21	0.94	126	118	13.8	8.13	22	YES	3718
09/20/21	0.94	106	100	13.6	8.13	23	YES	3826
09/21/21	1.00	87	87	13.7	8.11	22	YES	2973
09/22/21	1.15	126	145	13.9	8.06	22	YES	3619
09/23/21	1.15	116	133	14.1	8.20	23	YES	3839
09/24/21	1.19	113	134	13.9	8.15	23	YES	3466
09/25/21	1.22	196	239	14.0	7.99	21	YES	2381
09/26/21	1.10	125	138	14.4	7.99	21	YES	3817
09/27/21	1.10	120	132	14.6	7.98	20	YES	3581
09/28/21	1.13	118	133	13.8	8.07	22	YES	3522
09/29/21	1.12	121	136	13.2	8.16	24	YES	3570
09/30/21	1.08	116	125	13.3	8.12	23	YES	3143

**Signature:** 

**Date:** 10/8/21

**Print Name:** Scott LaRoque, Water Superintendent **Cert #:** N/A

(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

September 2021

## 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?
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