

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: 5 / 2023

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	0.08	10:45 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
02	0.08	11:17 AM	0.05	3:02 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
03	0.04	8:38 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.04
04	0.09	11:41 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.09
05	0.09	11:13 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.09
06	0.08	11:21 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
07	0.09	11:20 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.09
08	0.09	11:42 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.09
09	0.07	8:47 AM	0.05	11:47 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
10	Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		Plant Offline		
11	0.08	10:31 AM	0.05	2:16 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
12	0.06	10:45 AM	0.05	2:30 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
13	0.07	10:24 AM	0.06	3:09 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
14	0.07	11:11 AM	0.04	2:56 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
15	0.08	11:23 AM	0.05	3:08 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
16	0.15	11:54 AM	0.11	3:09 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.15
17	0.08	7:43 AM	0.06	11:28 AM	0.05	3:30 PM	Plant Offline		Plant Offline		Plant Offline		0.08
18	0.08	8:28 AM	0.05	2:34 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
19	0.08	8:50 AM	0.05	12:42 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.08
20	0.07	8:34 AM	0.05	12:26 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
21	0.06	9:38 AM	0.04	1:23 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
22	0.06	10:49 AM	0.04	1:05 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
23	0.06	8:10 AM	0.04	12:02 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
24	0.06	9:39 AM	0.04	12:39 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
25	0.06	9:43 AM	0.05	3:14 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
26	0.06	8:58 AM	0.05	3:13 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
27	0.06	8:49 AM	0.04	11:49 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
28	0.11	10:44 AM	0.05	2:30 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.11
29	0.06	8:32 AM	0.05	1:02 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.06
30	0.07	9:23 AM	0.05	2:53 PM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07
31	0.07	7:51 AM	0.05	11:36 AM	Plant Offline		Plant Offline		Plant Offline		Plant Offline		0.07

Conventional Filtration - Using LT2 Toolbox CFE/IFE Option for Additional 1.0-log Credit 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)	Yes/No <input checked="" type="radio"/> Yes <input type="radio"/> No	Monthly Summary (Answer Yes or No)	
	Yes/No <input checked="" type="radio"/> Yes <input type="radio"/> No	Yes/No <input checked="" type="radio"/> Yes <input type="radio"/> No	CT's met everyday? <input checked="" type="radio"/> Yes <input type="radio"/> No
Notes:	PRINTED NAME: <u>Scott Laroque</u> SIGNATURE: <u>[Signature]</u> PHONE #: <u>541 791 0175</u>		

(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: 5/2023	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]
05/01/23	1.09	123	134	14.1	8.16	22	YES	1547
05/02/23	1.17	199	233	13.2	8.14	24	YES	1477
05/03/23	Plant Off							
05/04/23	1.08	207	224	13.0	7.97	23	YES	1548
05/05/23	1.16	84	97	12.6	8.17	25	YES	1585
05/06/23	1.19	209	249	12.3	8.08	25	YES	1534
05/07/23	1.18	222	262	12.3	8.16	25	YES	1502
05/08/23	1.19	141	168	12.4	8.16	25	YES	1691
05/09/23	1.12	125	140	11.9	8.14	26	YES	2316
05/10/23	Plant Off							
05/11/23	1.16	83	96	13.1	8.23	25	YES	2425
05/12/23	1.16	101	117	14.1	8.20	23	YES	3884
05/13/23	1.15	111	128	15.4	8.12	20	YES	3872
05/14/23	1.10	71	78	16.3	8.10	19	YES	4676
05/15/23	1.14	95	108	17.3	8.03	17	YES	3529
05/16/23	1.26	70	88	17.6	8.02	17	YES	4731
05/17/23	1.24	79	98	17.1	8.11	18	YES	5178
05/18/23	1.11	92	102	17.6	8.06	17	YES	3885
05/19/23	1.10	103	113	17.8	8.16	17	YES	3814
05/20/23	1.05	95	100	17.9	8.21	18	YES	4517
05/21/23	1.06	72	76	17.8	8.17	17	YES	4995
05/22/23	1.12	69	77	15.9	8.09	19	YES	6281
05/23/23	1.12	66	74	14.9	8.24	22	YES	6673
05/24/23	1.13	88	99	14.7	8.33	23	YES	5076
05/25/23	1.15	67	77	15.5	8.20	21	YES	5256
05/26/23	1.14	73	83	16.5	8.19	19	YES	6084
05/27/23	1.09	67	73	16.8	8.03	18	YES	5401
05/28/23	1.16	71	82	16.2	8.04	19	YES	6837
05/29/23	1.14	71	81	16.4	8.06	19	YES	6750
05/30/23	1.13	62	70	16.4	8.10	19	YES	6035
05/31/23	1.11	81	90	15.3	8.08	20	YES	5215

Signature: <u>Scott LaRoque</u>	Date: <u>6/6/23</u>
Print Name: <u>Scott LaRoque</u>	Cert #: <u>T-9188</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

May 2023

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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