

OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Columbia  
Conventional or Direct Filtration

System Name: VERNONIA, CITY OF ID #: OR4100922 WTP.:WTP-A Month/Year:

DAY	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the Day [NTU]
1	off	off	.03	.03	off	off	.22
2	↓	↓	.05	.03	↓	↓	.17
3	↓	↓	.03	.10	↓	↓	.20
4	↓	↓	.03	.03	↓	↓	.15
5	↓	↓	.04	.03	↓	↓	.15
6	↓	↓	.03	.03	↓	↓	.13
7	↓	↓	off	.06	.04	↓	.20
8	↓	↓	off	.03	.03	↓	.17
9	↓	↓	.03	.03	off	↓	.17
10	↓	↓	.03	.03	↓	↓	.03
11	↓	↓	.03	.03	↓	↓	.10
12	↓	↓	.03	.05	↓	↓	.11
13	↓	↓	.02	.05	↓	↓	.25
14	↓	↓	.02	.02	↓	↓	.03
15	↓	↓	.03	.03	↓	↓	.15
16	↓	↓	.03	.03	↓	↓	.20
17	↓	↓	.03	.05	↓	↓	.14
18	↓	↓	.02	.05	↓	↓	.15
19	↓	↓	.04	.05	↓	↓	.23
20	↓	↓	.03	.04	↓	↓	.09
21	↓	↓	.03	.03	↓	↓	.16
22	↓	↓	.03	.05	↓	↓	.17
23	↓	↓	.03	.03	↓	↓	.03
24	↓	↓	.05	.05	↓	↓	.17
25	↓	↓	.03	.04	↓	↓	.12
26	↓	↓	.03	.03	↓	↓	.11
27	↓	↓	.04	.04	↓	↓	.14
28	↓	↓	.03	.05	↓	↓	.14
29	↓	↓	off	.05	.10	↓	.16
30	↓	↓	off	.07	.07	↓	.23
31	↓	↓	.05	.06	off	↓	.20

Conventional or Direct Filtration		Monthly Summary (Answer Yes or No)	
95% of the 4-hour turbidity readings ≤ 0.3 NTU? <input checked="" type="checkbox"/> Yes / No	CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / No	All Cl <sub>2</sub> residuals at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / No	
All the 4-hour turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / No			
All turbidity readings < IFE <sup>2</sup> triggers? <input checked="" type="checkbox"/> Yes / No <sup>2</sup>			
Notes: Highest NTU of the day is Right Before a BW	PRINTED NAME: Jeff Buch		
	SIGNATURE: <i>Jeff Buch</i>	DATE: 6-7-22	
	PHONE #: (503) 429-6921	CERT #: 6091	

Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12 AM" through "8 PM" may not correspond to continuous readings' maximum. IFE = Individ. Filter Eff. (OAR 333-061-0040(1)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

VERNONIA, CITY OF ID #: OR4100922 WTP: WTP-A Month/Year: May 2022

Required Log Inactivation: 0.5

Date / Time	Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> User (C) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	CXT	[° C]		Use tables	Yes / No	[GPM]
1 / 1:00 PM	2.1	34	71	10	7.4	49	Yes	605
2 / 3:00 PM	2.1		71	11	7.4	46	Yes	
3 / 1:30 PM	1.8		61	11	7.5	46	Yes	
4 / 3:15 PM	2.0		68	12	7.4	42	Yes	
5 / 3:00 PM	2.1		71	12	7.4	43	Yes	
6 / 11:00 AM	2.0		68	11	7.4	45	Yes	
7 / 12:00 PM	2.0		68	10	7.3	46	Yes	
8 / 3:30 PM	2.1		71	11	7.3	44	Yes	
9 / 1:00 PM	2.0		68	11	7.3	43	Yes	
10 / 1:45 PM	2.0		68	11	7.4	45	Yes	
11 / 2:15 PM	2.0		68	10	7.4	49	Yes	
12 / 10:00 AM	2.1		71	11	7.3	44	Yes	
13 / 2:45 PM	2.0		68	11	7.3	43	Yes	
14 / 2:00 PM	2.0		68	11	7.4	45	Yes	
15 / 1:00 PM	2.0		68	11	7.4	45	Yes	
16 / 1:00 PM	2.1		71	12	7.4	43	Yes	
17 / 12:00 PM	2.1		71	12	7.4	43	Yes	
18 / 12:00 PM	2.1		71	12	7.4	43	Yes	
19 / 11:00 AM	1.6		54	12	7.4	40	Yes	
20 / 8:00 AM	1.8		61	12	7.5	43	Yes	
21 / 1:00 PM	1.7		58	12	7.4	41	Yes	
22 / 2:00 PM	1.8		61	12	7.5	43	Yes	
23 / 11:00 AM	1.8		61	12	7.3	40	Yes	
24 / 8:30 AM	2.0		68	12	7.4	42	Yes	
25 / 1:00 PM	1.6		54	12	7.4	40	Yes	
26 / 2:00 PM	1.8		61	12	7.3	40	Yes	
27 / 1:30 PM	1.7		58	12	7.3	40	Yes	
28 / 12:00 PM	1.7		58	13	7.3	37	Yes	
29 / 1:00 PM	1.8		61	13	7.4	38	Yes	
30 / 12:30 PM	1.7		58	12	7.3	40	Yes	
31 / 9:00 AM	1.7		58	13	7.3	37	Yes	

<sup>3</sup>If Cl<sub>2</sub> at entry point < 0.2 mg/l, OR CT not met, notify DWP by end of next business day.