

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	.04	.03	.04	off	.12
2	↓	↓	.04	.05	.08	↓	.15
3	↓	↓	.03	.03	.03	↓	.20
4	↓	↓	off	.03	.10	↓	.25
5	↓	↓	.03	.03	off	.04	.05
6	↓	↓	.03	.03	.03	off	.10
7	↓	↓	.04	.03	.03	↓	.13
8	↓	↓	.04	.04	.03	↓	.20
9	↓	↓	.04	.03	off	↓	.17
10	↓	↓	.04	.03	off	↓	.04
11	↓	↓	off	.03	.04	↓	.19
12	↓	↓	off	.07	.05	↓	.20
13	↓	↓	.04	.13	.04	↓	.20
14	↓	↓	off	off	.04	↓	.15
15	↓	↓	.04	.03	.03	↓	.12
16	↓	↓	.03	.05	.03	↓	.25
17	↓	↓	.03	.04	.03	↓	.17
18	↓	↓	.03	.09	.07	↓	.23
19	↓	↓	.07	.20	off	↓	.30
20	↓	↓	off	off	.03	.07	.25
21	↓	↓	.04	.05	.05	.05	.22
22	↓	↓	.04	.05	.04	.04	.25
23	↓	↓	.03	.04	.04	off	.30
24	↓	↓	.03	.03	.07	↓	.15
25	↓	↓	.04	.03	.03	↓	.15
26	↓	↓	off	.04	.03	↓	.22
27	↓	↓	.03	.03	off	↓	.15
28	↓	↓	.03	.05	.03	↓	.17
29	↓	↓	.03	.04	off	↓	.21
30	↓	↓	.03	.03	.03	.07	.25
31	↓	↓					

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 / <input type="checkbox"/> No	CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All Cl ₂ residuals at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	
All the 4-hour turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No			
All turbidity readings < IFE ² triggers? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No			
Notes: Highest NTU of Day is Right Before a BW	PRINTED NAME: Jeff Burch		
	SIGNATURE: <i>[Signature]</i>	DATE: 10-8-21	
	PHONE #: 503 1429-6921	CERT #: 6091	

¹ 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. ² IFE = Individ. Filter Effl. (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: Sept. 2021

Required Log Inactivation: 0.5

Date / Time	Minimum Cl ₂ Residual at 1 st User (C) ^a	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ^a	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	CXT	[° C]		Use tables	Yes / No	[GPM]
1 11:00pm	1.6	26	42	16	7.4	29	Yes	720
2 11:00pm	1.8		47	15	7.5	33	Yes	
3 11:30pm	1.8		47	15	7.5	33	Yes	
4 12:00pm	1.9		49	16	7.5	31	Yes	
5 12:00pm	1.9		49	18	7.4	27	Yes	
6 12:00pm	1.5		39	19	7.5	26	Yes	
7 12:00pm	1.4		36	18	7.5	26	Yes	
8 10:45am	1.4		36	18	7.4	25	Yes	
9 13:00pm	1.5		39	19	7.4	25	Yes	
10 12:30pm	1.7		44	19	7.3	25	Yes	
11 11:00pm	1.5		39	19	7.3	24	Yes	
12 14:00pm	1.5		39	16	7.5	30	Yes	
13 12:30pm	1.4		36	18	7.3	24	Yes	
14 11:15pm	1.4		36	17	7.5	28	Yes	
15 13:15pm	2.0		52	18	7.4	27	Yes	
16 13:30pm	2.0		52	17	7.4	29	Yes	
17 13:00pm	1.9		49	17	7.4	29	Yes	
18 5:00pm	2.0		52	19	7.4	26	Yes	
19 12:00pm	1.7		44	18	7.3	26	Yes	
20 13:30pm	1.5		39	19	7.4	25	Yes	
21 13:15pm	1.5		39	17	7.3	27	Yes	
22 13:30pm	1.4		36	16	7.3	27	Yes	
23 15:15pm	1.6		42	15	7.4	31	Yes	
24 13:15pm	1.8		47	17	7.3	28	Yes	
25 16:15pm	1.9		49	16	7.4	30	Yes	
26 12:00pm	1.9		49	16	7.3	29	Yes	
27 12:30pm	1.6		42	16	7.3	28	Yes	
28 13:15pm	1.7		44	16	7.3	29	Yes	
29 11:00pm	1.8		47	16	7.3	29	Yes	
30 13:00pm	1.8	✓	47	16	7.3	29	Yes	✓
31 /								

^a If Cl₂ at entry point < 0.2 mg/l, OR CT not met, notify DWP by end of next business day.