

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: Jan. 2021

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	off	.03	.03	off	.14
2	↓	↓	off	.03	.03	off	.15
3	↓	↓	off	off	.03	.04	.17
4	↓	↓	.03	.09	.03	off	.20
5	↓	↓	.03	.04	off	↓	.15
6	↓	↓	.03	.03	↓	↓	.19
7	↓	↓	.03	.03	↓	↓	.10
8	↓	↓	.04	.03	↓	↓	.15
9	↓	↓	.03	.03	↓	↓	.25
10	↓	↓	off	.04	.04	.04	.18
11	↓	↓	.04	.04	.03	off	.15
12	↓	↓	off	.03	.04	↓	.15
13	↓	↓	.05	.04	.03	↓	.15
14	↓	↓	.04	.05	.03	↓	.23
15	↓	↓	off	.03	.10	↓	.20
16	↓	↓	.03	.04	.05	↓	.12
17	↓	↓	off	.06	.03	↓	.20
18	↓	↓	off	.07	.03	↓	.16
19	↓	↓	.04	.06	off	↓	.20
20	↓	↓	.03	.06	off	↓	.25
21	↓	↓	.03	.03	.03	↓	.17
22	↓	↓	.03	.03	off	↓	.03
23	↓	↓	.03	.03	.03	↓	.16
24	↓	↓	.03	.04	off	↓	.15
25	↓	↓	.03	.03	.03	↓	.14
26	↓	↓	.03	.03	off	↓	.15
27	↓	↓	off	.03	off	↓	.25
28	↓	↓	.03	.03	off	↓	.27
29	↓	↓	.03	.05	off	↓	.26
30	↓	↓	off	.03	.03	↓	.15
31	↓	↓	off	.03	off	↓	.19

Conventional or Direct Filtration		Monthly Summary (Answer Yes or No)	
95% of the 4-hour turbidity readings ≤ 0.3 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No	CT's met everyday? (see back) <input checked="" type="radio"/> Yes / <input type="radio"/> No	All Cl ₂ residuals at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / <input type="radio"/> No	
All the 4-hour turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No			
All turbidity readings < IFE ² triggers? <input checked="" type="radio"/> Yes / <input type="radio"/> No ²			
Notes: Highest NTU of Day is Right Before a BW	PRINTED NAME: Jeff Burch		
	SIGNATURE: Jeff Burch	DATE: 2-4-21	
	PHONE #: (503) 429-6921	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 = Indivd. Filter Effl. (OAR 333-061-0040(1)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

VERNONIA, CITY OF ID #: OR410092X WTP: WTP-A Month/Year: Jan. 2021

Required Log Inactivation: 0.5

Date / Time	Minimum Cl ₂ Residual at 1 st User (C) ³ [ppm or mg/L]	Contact Time (T) [minutes]	Actual CT CXT	Temp [° C]	pH	Required CT Use tables	CT Met? ³ Yes / No	Peak Hourly Demand Flow [GPM]
1 / 4:00pm	2.1	26	55	9	7.4	52	Yes	720
2 / 2:00pm	2.1		55	9	7.5	54	Yes	
3 / 2:00pm	2.2		57	10	7.4	49	Yes	
4 / 2:00pm	2.2		57	9	7.4	52	Yes	
5 / 2:25pm	2.1		55	9	7.3	51	Yes	
6 / 3:00pm	2.2		57	9	7.3	51	Yes	
7 / 3:15pm	2.1		55	10	7.3	47	Yes	
8 / 1:15pm	2.1		55	10	7.3	47	Yes	
9 / 12:30pm	2.2		57	10	7.3	47	Yes	
10 / 3:30pm	2.2		57	10	7.3	47	Yes	
11 / 1:15pm	2.1		55	10	7.3	47	Yes	
12 / 2:30pm	2.1		55	10	7.5	51	Yes	
13 / 2:30pm	2.2		57	10	7.3	47	Yes	
14 / 2:45pm	2.1		55	9	7.3	51	Yes	
15 / 3:00pm	2.2		57	9	7.4	52	Yes	
16 / 2:00pm	2.1		55	9	7.3	51	Yes	
17 / 3:00pm	2.1		55	9	7.4	52	Yes	
18 / 12:45pm	2.1		55	9	7.3	51	Yes	
19 / 3:30pm	2.4		62	9	7.3	52	Yes	
20 / 2:30pm	2.4		62	9	7.4	54	Yes	
21 / 3:15pm	2.3		60	9	7.4	54	Yes	
22 / 11:15am	2.5		65	8	7.4	58	Yes	
23 / 1:00pm	2.5		65	8	7.3	56	Yes	
24 / 10:00am	2.7		70	8	7.3	57	Yes	
25 / 2:30pm	2.8		73	8	7.3	57	Yes	
26 / 1:00pm	2.8		73	9	7.3	53	Yes	
27 / 12:10pm	2.7		70	7	7.3	60	Yes	
28 / 2:00pm	2.7		70	7	7.4	63	Yes	
29 / 9:45am	2.7		70	7	7.4	63	Yes	
30 / 1:00pm	2.7		70	7	7.3	60	Yes	
31 / 3:00pm	2.8		73	7	7.3	60	Yes	

³ If Cl₂ at entry point < 0.2 mg/l, OR CT not met, notify DWP by end of next business day.