

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: Aug 2022

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	.06	.05	.07	off	.20
2			.07	.05	.06	↓	.18
3			.05	.05	.07	↓	.17
4			.05	.06	.07	↓	.18
5			.05	.05	.05	.06	.24
6			.06	.05	.05	off	.12
7			off	.06	.05	.07	.15
8			.05	.05	off	off	.13
9			.05	.05	.06	↓	.19
10			.07	.07	off	↓	.18
11			.06	.05	.07	↓	.11
12			.05	.05	.05	↓	.13
13			.07	.05	.05	.07	.13
14			off	.04	.04	off	.23
15			.05	.05	.05	↓	.19
16			.05	.05	.05	↓	.17
17			.05	.05	.05	↓	.18
18			.05	.05	.13	↓	.19
19			off	.06	.06	↓	.22
20			.05	.06	.06	↓	.17
21			.05	.06	.06	↓	.25
22			.05	.10	.06	↓	.20
23			.05	.06	.09	.06	.20
24			.05	.07	off	off	.14
25			.05	.05	.08	↓	.20
26			.07	.05	.05	↓	.15
27			.06	.06	off	↓	.20
28			.07	.06	.06	↓	.24
29			.09	.05	.05	↓	.17
30	↓	↓	.05	.06	.06	↓	.25
31			.05	.05	.05	↓	.15

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 ²			
Notes: Highest NTU of the day is right before a BW		PRINTED NAME: <u>Jeff Burch</u>	
		SIGNATURE: <u>[Signature]</u>	DATE: <u>9-6-22</u>
		PHONE #: <u>(503) 429-6921</u>	CERT #: <u>6091</u>

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 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: Aug 2022

Required Log Inactivation: 0.5

Date / Time	Minimum Cl ₂ Residual at 1 st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	CXT	[° C]		Use tables	Yes / No	[GPM]
1 8:00pm	1.5	34	51	26	7.3	15	Yes	605
2 12:30pm	1.5		51	26	7.3	15	Yes	
3 12:30pm	1.5		51	21	7.4	22	Yes	
4 12:10pm	1.4		48	22	7.3	19	Yes	
5 9:35am	1.3		44	23	7.4	18	Yes	
6 1:00pm	1.3		44	24	7.3	16	Yes	
7 11:00am	1.3		44	23	7.3	17	Yes	
8 1:00pm	1.3		44	23	7.4	18	Yes	
9 12:20pm	1.4		48	23	7.4	18	Yes	
10 12:20pm	1.4		48	22	7.3	19	Yes	
11 12:30pm	1.6		54	20	7.3	22	Yes	
12 11:40am	1.7		58	20	7.3	23	Yes	
13 10:00am	1.7		58	21	7.3	21	Yes	
14 10:00am	1.7		58	21	7.3	21	Yes	
15 12:00pm	1.7		58	21	7.3	21	Yes	
16 11:45pm	1.3		44	21	7.3	20	Yes	
17 13:00pm	1.5		51	23	7.3	18	Yes	
18 1:00pm	1.5		51	23	7.3	18	Yes	
19 13:30pm	1.7		58	24	7.3	17	Yes	
20 1:00pm	1.6		54	24	7.3	16	Yes	
21 12:15pm	1.7		58	24	7.4	17	Yes	
22 1:00pm	1.5		51	24	7.3	16	Yes	
23 8:15am	1.3		44	24	7.4	17	Yes	
24 13:30pm	1.4		48	24	7.3	16	Yes	
25 11:20pm	1.4		48	25	7.3	15	Yes	
26 13:00pm	1.4		48	26	7.3	15	Yes	
27 1:00pm	1.3		44	21	7.4	21	Yes	
28 12:30pm	1.4		48	22	7.4	19	Yes	
29 13:20pm	1.4		48	22	7.4	19	Yes	
30 9:20am	1.4		48	23	7.4	18	Yes	
31 10:00am	1.4		48	23	7.4	18	Yes	

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