

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: April 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	.03	.06	off	off	.14
2	↑	↑	.03	.03	↓	↓	.25
3			.03	.03	↓	↓	.14
4			.03	.04	↓	↓	.24
5			.08	.05	.03	↓	.16
6			.03	.11	off	↓	.15
7			.03	.04	↓	↓	.10
8			.03	.03	↓	↓	.21
9			off	.03	.03	↓	.17
10			off	.03	.03	↓	.19
11			off	.04	.03	↓	.15
12			.08	.05	off	↓	.15
13			off	off	.04	.03	.17
14			off	off	off	off	off
15			off	.04	.05	off	.20
16			.04	.05	off	↓	.10
17			off	.04	↓	↓	.18
18			.04	.06	↓	↓	.15
19			.05	.04	↓	↓	.15
20			.05	.03	↓	↓	.20
21			.06	.03	↓	↓	.20
22			.05	.07	↓	↓	.15
23			.03	off	.06	↓	.15
24	↓		off	off	off	↓	off
25			off	.03	.03	.03	.20
26	.10		.03	.07	off	off	.13
27	↓		off	.08	↓	↓	.12
28	↓		.03	.03	↓	↓	.15
29	↓	↓	.03	.09	↓	↓	.12
30	↓	↓	.03	.07	↓	↓	.19
31							

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		
Notes: Highest NTU of Day is Right Before a BW	PRINTED NAME: Jeff Burch	
	SIGNATURE: <i>Jeff Burch</i>	DATE: 5-5-22
	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 = 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: April 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]
1/10:45am	2.2	26	57	10	7.3	47	Yes	720
2/11:00am	2.2		57	11	7.4	46	Yes	
3/11:00am	2.1		55	11	7.5	48	Yes	
4/12:30pm	2.1		55	11	7.4	46	Yes	
5/12:20pm	2.1		55	11	7.4	46	Yes	
6/12:30pm	2.1		55	11	7.3	46	Yes	
7/13:00pm	2.5		65	11	7.3	46	Yes	
8/12:00pm	2.6		68	11	7.3	46	Yes	
9/11:45am	2.5		65	11	7.3	46	Yes	
10/12:00pm	2.1		55	10	7.4	49	Yes	
11/14:30pm	2.6		68	10	7.3	49	Yes	
12/11:00pm	2.5		65	9	7.3	53	Yes	
13/12:30pm	2.5		65	9	7.3	53	Yes	
14/off	off		off	off	off	off	off	
15/13:00pm	2.1		55	10	7.3	47	Yes	
16/11:00pm	2.2		57	10	7.4	49	Yes	
17/10:00am	2.2		57	10	7.4	49	Yes	
18/11:00am	2.2		57	10	7.3	47	Yes	
19/9:00am	2.3		60	10	7.3	48	Yes	
20/11:40am	2.1		55	10	7.3	47	Yes	
21/12:00pm	2.1		55	11	7.3	44	Yes	
22/1:00pm	2.2		57	9	7.3	51	Yes	
23/2:40pm	2.2		57	11	7.3	44	Yes	
24/off	off		off	off	off	off	off	
25/13:30pm	2.1		55	11	7.4	46	Yes	
26/11:00am	2.1		55	12	7.3	41	Yes	
27/11:00pm	2.1		55	11	7.3	44	Yes	
28/12:40pm	2.1		55	10	7.4	49	Yes	
29/13:00pm	2.1		55	10	7.4	49	Yes	
30/12:20pm	2.1	✓	55	10	7.4	49	Yes	✓
31/								

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