

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

Name: Vernonia, City of ID# OR4100922 WTP:-WTP-A Month/Year: Dec 2023

DAY	12 AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Highest Reading of the Day <sup>1</sup> (NTU)
1	0.88	0.88	.04	.04	0.88	0.88	.10
2			.03	.04	0.88		.19
3			.09	.06	.12		.25
4			.05	.04	.05		.20
5			.04	.04	.04		.14
6			0.88	.04	.05		.19
7			.05	.05	0.88		.22
8			.04	.04	0.88		.09
9			.04	.04	0.88		.12
10			.04	.05	.03		.10
11			.04	.04	.05		.13
12			.04	.06	0.88		.20
13			.05	.09			.25
14			.05	.04			.17
15			.04	.05			.10
16			.04	.04			.17
17			.03	.04			.10
18			.03	.05			.28
19			.04	.05			.20
20			.04	.04			.10
21			.04	.04			.12
22			.04	.04			.17
23			.04	.04			.10
24			.04	.04			.25
25			.04	.04			.08
26			.04	.05			.14
27			.04	.03			.24
28			.04	.03			.25
29			.04	.04			.12
30	✓	✓	.04	.05	✓	✓	.15
31	✓	✓	.03	.03	✓	✓	.10

Conventional or Direct Filtration Monthly Summary      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	All	CT's met everyday? (see back) <input checked="" type="radio"/> Yes / <input type="radio"/> No	All Cl <sup>2</sup> residuals at entry point > 0.2 mg/l? <input checked="" type="radio"/> Yes / <input type="radio"/> No
the 4-hour turbidity readings < NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No			
All turbidity reading < IFE <sup>2</sup> triggers? <input checked="" type="radio"/> Yes / <input type="radio"/> No <sup>2</sup>			

Notes: Highest NTU of the day is Right Before a BW

PRINTED NAME: Jeff Burch  
 SIGNATURE: *Jeff Burch* Date: 1-3-24  
 Phone # 503-429-6921      CERT# 6091

<sup>1</sup> Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12AM" - "8PM" may not correspond to continuous readings' maximum.  
<sup>2</sup> IFE = Individ. Filter Effl. (OAR 333-061-0040(1)(d)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form - Giardia Inactivation

Name: Vernonia, City of ID# OR4100922 WTP: Month/Year: Dec, 2023 Log Requirement: 0.5

Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>a</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>a</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	CXT	[°C]		Use Tables	Yes / No	[GPM]
1/	2.3	34	78	6	7.4	64	Yes	605
2/	2.3	34	78	6	7.4	64	Yes	605
3/2:00 PM	2.2	34	75	8	7.4	56	Yes	605
4/	2.2	34	75	8	7.4	56	Yes	605
5/	2.2	34	75	10	7.4	49	Yes	605
6/2:00 PM	2.5	34	85	11	7.4	48	Yes	605
7/3:30 PM	2.2	34	75	10	7.4	49	Yes	605
8/12:00 PM	1.9	34	65	12	7.3	40	Yes	605
9/12:05 PM	2.3	34	78	9	7.3	52	Yes	605
10/9:45 AM	2.3	34	78	9	7.3	52	Yes	605
11/12:30 PM	1.9	34	65	11	7.4	45	Yes	605
12/12:00 PM	1.9	34	65	10	7.4	48	Yes	605
13/1:20 PM	1.7	34	58	10	7.3	46	Yes	605
14/1:20 PM	2.0	34	68	10	7.3	46	Yes	605
15/12:30 PM	2.0	34	68	10	7.4	48	Yes	605
16/10:00 AM	2.2	34	75	9	7.4	52	Yes	605
17/10:00 AM	2.2	34	75	10	7.3	47	Yes	605
18/10:15 AM	2.2	34	75	10	7.4	49	Yes	605
19/2:00 PM	2.0	34	68	11	7.3	43	Yes	605
20/10:00 AM	2.0	34	68	11	7.3	43	Yes	605
21/12:00 PM	2.1	34	71	11	7.3	44	Yes	605
22/9:45 AM	1.6	34	54	12	7.5	42	Yes	605
23/10:00 AM	1.7	34	58	12	7.4	41	Yes	605
24/1:00 PM	1.9	34	65	12	7.4	42	Yes	605
25/12:45 PM	1.9	34	65	12	7.4	42	Yes	605
26/2:00 PM	1.8	34	61	12	7.3	40	Yes	605
27/2:15 PM	1.8	34	61	12	7.4	41	Yes	605
28/2:00 PM	1.7	34	58	10	7.4	47	Yes	605
29/9:00 AM	1.7	34	58	11	7.5	46	Yes	605
30/2:00 PM	1.6	34	54	12	7.4	40	Yes	605
31/10:00 AM	1.9	34	65	9	7.4	51	Yes	605

<sup>a</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l, OR CT not met, notify DWS within 24 hours