

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

Name: Vernonia, City of ID# OR4100922 WTP:-WTP-A Month/Year: July 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	off	off	off	.06	.06	off	.14
2			.05	.05	.06	↓	.18
3			.05	.07	.07	↓	.22
4			.05	.07	.06	↓	.23
5			.09	.05	off	↓	.11
6			.04	.05	.05	.05	.15
7			off	.05	off	off	.18
8			.05	.05	.07	↓	.20
9			.06	.05	.05	↓	.20
10			.05	.05	.06	↓	.14
11			.05	.05	off	↓	.15
12			.06	.05	.07	.07	.18
13			.06	.06	off	off	.09
14			.04	.05	.05	.05	.15
15			.05	.05	.06	off	.18
16			.06	.06	off	↓	.20
17			off	.05	.05	↓	.05
18			.05	.05	.08	.08	.15
19			.07	.05	off	off	.13
20			.05	.05	.05	.05	.12
21			.04	.05	.05	off	.14
22			.05	.05	.05	↓	.19
23			.05	.05	.05	↓	.15
24			.05	.05	off	↓	.15
25			.05	.05	.08	↓	.11
26			.04	.05	.05	↓	.15
27			.07	.05	off	↓	.17
28			.05	.05	.05	↓	.15
29			.05	.05	.05	↓	.12
30	↓	↓	.05	.05	.05	↓	.07
31			.05	.06	.05	.05	.15

Conventional or Direct Filtration Monthly Summary      Monthly Summary (Answer Yes or No)

95% of the 4-hour turbidity readings < 0.3 NTU?  Yes /  No    All  
 the 4-hour turbidity readings < NTU?  Yes /  No  
 All turbidity reading < IFE<sup>2</sup> triggers?  Yes /  No<sup>2</sup>      CT's met everyday? (see back)  Yes /  No      All Cl<sup>2</sup> residuals at entry point > 0.2 mg/l?  Yes /  No

Notes: Highest NTU of day is Right before a BW  
 PRINTED NAME: Jeff Burch  
 SIGNATURE: [Signature] Date: 8-8-23  
 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: July 2023 Log Requirement: 0.5

Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		Use Tables	Yes / No	[GPM]
1/1:00Pm	1.6	34	54	22	7.4	20	Yes	605
2/2:00Pm	1.5	34	51	23	7.4	19	Yes	605
3/3:30Pm	1.7	34	58	20	7.3	23	Yes	605
4/2:00Pm	1.5	34	51	22	7.4	20	Yes	605
5/12:00Pm	1.7	34	58	23	7.4	19	Yes	605
6/2:00Pm	1.9	34	65	23	7.4	20	Yes	605
7/1:00Pm	1.6	34	54	19	7.4	25	Yes	605
8/2:45Pm	1.7	34	58	19	7.4	26	Yes	605
9/5:30Pm	1.5	34	51	19	7.4	25	Yes	605
10/3:00Pm	1.7	34	58	20	7.4	24	Yes	605
11/1:16Pm	1.5	34	51	20	7.3	22	Yes	605
12/1:00Pm	1.5	34	51	21	7.4	22	Yes	605
13/10:00am	1.8	34	61	23	7.4	19	Yes	605
14/10:00am	1.8	34	61	24	7.4	17	Yes	605
15/1:00Pm	1.7	34	58	24	7.4	17	Yes	605
16/2:00Pm	1.6	34	54	24	7.3	16	Yes	605
17/11:45am	1.4	34	48	23	7.3	17	Yes	605
18/12:00Pm	1.6	34	54	21	7.4	22	Yes	605
19/1:15Pm	1.4	34	48	21	7.4	21	Yes	605
20/12:45Pm	1.4	34	48	23	7.4	18	Yes	605
21/2:00Pm	1.4	34	48	22	7.4	19	Yes	605
22/4:00am	1.4	34	48	23	7.4	18	Yes	605
23/6:00Pm	1.4	34	48	21	7.3	20	Yes	605
24/8:40am	1.4	34	48	21	7.3	20	Yes	605
25/10:40am	1.4	34	48	21	7.3	20	Yes	605
26/1:00Pm	1.6	34	54	21	7.3	21	Yes	605
27/3:30Pm	1.5	34	51	19	7.4	24	Yes	605
28/2:40Pm	1.3	34	44	20	7.3	21	Yes	605
29/1:20Pm	1.3	34	44	21	7.4	21	Yes	605
30/3:00Pm	1.3	34	44	21	7.3	20	Yes	605
31/12:00am	1.8	34	44	22	7.3	19	Yes	605

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l, OR CT not met, notify DWS within 24 hours