

OHA - Drinking Water Services - Turbidity Monitoring Report

Conventional or Direct Filtration

County: Columbia

Name: Vernonia, City of ID# OR4100922 WTP: WTP-A Month/Year: May 2025

DAY	12 AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Highest Reading of the Day ¹ (NTU)
1	off	off	.03	.03	off	off	.03
2			.04	.03			.15
3			.03	.03			.10
4			.03	.03			.13
5			.03	.03			.13
6			.03	.03			.10
7			.03	.03			.10
8			.03	.03	↓		.12
9			.03	.03			.14
10			.03	.03	.03		.15
11			.03	.03	off		.15
12			.03	.03			.12
13			.03	.03			.05
14			.05	.05			.12
15			.03	.03			.17
16			.03	.03			.03
17			.03	.03			.07
18			.03	.05			.07
19			.05	.07	↓		.09
20			.03	.05			.15
21			.04	.04	.05		.15
22			.03	.03	off		.11
23			.03	.03			.09
24			.03	.03	↓		.09
25			.03	.03			.04
26			.05	.05	.05		.09
27			.05	.04	off		.11
28			.03	.04			.11
29			.05	.04	↓		.13
30	↓	↓	.04	.03	↓	↓	.13
31			.03	.03	.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 < IFE² triggers? ☒ Yes / ☐ No²

CT's met everyday?
 (see back)
☒ Yes / ☐ No

All Cl² residuals at entry
 point > 0.2 mg/l?
☒ Yes / ☐ No

Notes:

Highest NTU of the day
 is right before a BW

PRINTED NAME:

Jeff Buch

SIGNATURE:

Jeff Buch

Date:

6-10-25

Phone # 503-429-6921

CERT#

6091

¹ Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12AM" - "8PM" may not correspond to continuous readings' maximum.

² 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:						Log Requirement: 0.5		
Date / Time	Minimum Cl ₂ Residual at 1st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		Use Tables	Yes / No	[GPM]
1/10:00am	1.7	34	58	13	7.4	38	Yes	605
2/2:30pm	1.7	34	58	14	7.4	36	Yes	605
3/9:00am	1.7	34	58	13	7.4	38	Yes	605
4/9:00am	1.5	34	51	12	7.4	40	Yes	605
5/10:50am	1.5	34	51	12	7.4	40	Yes	605
6/3:15pm	1.4	34	48	13	7.4	36	Yes	605
7/9:00am	1.4	34	48	13	7.3	35	Yes	605
8/3:30pm	1.4	34	48	13	7.4	39	Yes	605
9/11:00am	1.4	34	48	12	7.3	38	Yes	605
10/12:00pm	1.4	34	48	12	7.3	39	Yes	605
11/11:00am	1.4	34	48	13	7.3	35	Yes	605
12/10:00am	1.4	34	48	12	7.3	39	Yes	605
13/9:25am	1.4	34	48	12	7.4	40	Yes	605
14/10:00am	1.5	34	51	12	7.4	40	Yes	605
15/10:00am	1.5	34	51	12	7.4	40	Yes	605
16/1:00pm	1.4	34	48	12	7.4	39	Yes	605
17/10:00am	1.4	34	48	12	7.3	38	Yes	605
18/11:00am	1.5	34	51	12	7.4	40	Yes	605
19/1:00pm	1.5	34	51	12	7.4	40	Yes	605
20/9:00am	1.5	34	51	11	7.4	43	Yes	605
21/9:00am	1.5	34	51	12	7.4	40	Yes	605
22/11:00am	1.5	34	51	12	7.4	40	Yes	605
23/12:00pm	1.4	34	48	12	7.4	39	Yes	605
24/2:40pm	1.4	34	48	14	7.5	34	Yes	605
25/1:30pm	1.4	34	48	15	7.4	30	Yes	605
26/11:45am	1.4	34	48	15	7.4	30	Yes	605
27/10:00am	1.5	34	51	15	7.5	32	Yes	605
28/1:30pm	1.5	34	51	16	7.4	29	Yes	605
29/2:30pm	1.4	34	48	14	7.4	33	Yes	605
30/1:00pm	1.4	34	48	15	7.4	30	Yes	605
31/3:00pm	1.5	34	51	15	7.4	31	Yes	605

³ If Cl₂ at entry point < 0.2 mg/l, OR CT not met, notify DWS within 24 hours