OHA - Drinking Water Services - Turbidity Monitoring Report

Conventional or Direct Filtration County: Columbia

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

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

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[2] triggers? **Yes / No[2]**	CT's met everyday? (see back) **Yes / No**	All Cl[2] residuals at entry point > 0.2 mg/l? **Yes / No**

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

PRINTED NAME: Jeff Burch

SIGNATURE: Jeff Burch Date: 10-3-23

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: Sept. 2023 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/ 1:00 Pm	1.5	34	51	19	7.3	23	yes	605
2/ 11:00 am	1.3	34	44	20	7.3	21	yes	605
3/ 2:00 Pm	1.4	34	48	20	7.4	22	yes	605
4/ 3:30 Pm	1.6	34	54	19	7.4	25		605
5/ 1:00 Pm	1.7	34	58	18	7.4	26		605
6/ 2:00 Pm	1.7	34	58	18	7.4	25		605
7/ 1:30 pm	1.7	34	58	18	7.4	26		605
8/ 3:00 Pm	2.0	34	68	17	7.6	31		605
9/ 9:00 am	2.0	34	68	17	7.6	31		605
10/ 9:00 am	2.0	34	68	17	7.4	29		605
11/ 1:00 Pm	1.7	34	58	17	7.4	28		605
12/ 10:00 am	1.8	34	61	17	7.4	29		605
13/ 3:45 Pm	1.7	34	58	17	7.4	28		605
14/ 12:00 Pm	1.8	34	61	17	7.4	29		605
15/ 1:30 Pm	1.8	34	61	17	7.3	28		605
16/ 4:00 Pm	1.8	34	61	17	7.4	29		605
17/ 2:00 Pm	1.7	34	58	16	7.5	31		605
18/ 12:00 Pm	1.5	34	51	16	7.6	31		605
19/ 12:30 Pm	1.6	34	54	15	7.4	31		605
20/ 12:15 Pm	1.9	34	65	15	7.4	32		605
21/ 2:00 Pm	1.9	34	65	16	7.4	30		605
22/ 3:00 Pm	1.9	34	65	16	7.4	30		605
23/ 11:30 am	1.9	34	65	14	7.5	36		605
24/ 3:30 Pm	1.8	34	61	15	7.5	33		605
25/ 10:00 am	1.7	34	58	14	7.5	35		605
26/ 2:20 Pm	1.7	34	58	14	7.5	35		605
27/ 9:00 am	1.7	34	58	15	7.4	31		605
28/ 1:00 Pm	1.7	34	58	15	7.4	31	↓	605
29/ 1:30 Pm	1.7	34	58	15	7.4	31		605
30/ 10:00 am	1.7	34	58	14	7.4	34	yes	605
31/		34						605

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