

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: Oct, 2021

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

Conventional or Direct Filtration

95% of the 4-hour turbidity readings ≤ 0.3 NTU?  Yes /  No  
 All the 4-hour turbidity readings ≤ 1 NTU?  Yes /  No  
 All turbidity readings < IFE<sup>2</sup> triggers?  Yes /  No<sup>2</sup>

Monthly Summary (Answer Yes or No)

CT's met everyday? (see back)  Yes /  No  
 All Cl<sub>2</sub> residuals at entry point ≥ 0.2 mg/l?  Yes /  No

Notes:

Highest NTU of Day is Right Before a BW

PRINTED NAME: Jeff Buch

SIGNATURE: *J. Buch*

DATE: 11-8-21

PHONE #: (503) 429-6921

CERT #: 6091

<sup>1</sup> 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. <sup>2</sup> IFE = Individ. Filter Effl. (OAR 333-061-0040(1)(e)(B&C))

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

VERNONIA, CITY OF ID #: OR410092X WTP-: WTP-A Month/Year: Oct. 2021

Required Log Inactivation: 0.6

Date / Time	Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> 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]	CXT	[° C]		Use tables	Yes / No	[GPM]
1 / 12:20 PM	1.8	26	47	15	7.3	31	Yes	720
2 / 1:15 PM	1.6		42	16	7.3	28	Yes	
3 / 12:38 PM	1.6		42	17	7.3	27	Yes	
4 / 2:00 PM	1.6		42	15	7.3	30	Yes	
5 / 11:50 AM	1.9		49	13	7.4	38	Yes	
6 / 12:30 PM	1.6		42	12	7.4	40	Yes	
7 / 3:00 PM	2.0		52	15	7.4	32	Yes	
8 / 2:30 PM	1.8		47	13	7.4	38	Yes	
9 / 3:00 PM	1.8		47	11	7.4	44	Yes	
10 / 12:00 PM	1.8		47	11	7.4	44	Yes	
11 / 10:00 AM	2.0		52	12	7.4	42	Yes	
12 / 3:10 PM	2.0		52	11	7.4	45	Yes	
13 / 12:00 PM	2.3		60	11	7.4	47	Yes	
14 / 12:00 PM	1.9		49	10	7.4	48	Yes	
15 / 2:40 PM	1.9		49	11	7.4	45	Yes	
16 / 3:10 PM	2.0		52	10	7.4	48	Yes	
17 / 9:30 AM	2.0		52	11	7.4	45	Yes	
18 / 3:30 PM	2.0		52	10	7.3	46	Yes	
19 / 3:20 PM	1.9		49	10	7.4	48	Yes	
20 / 12:00 PM	1.9		49	11	7.4	45	Yes	
21 / 2:00 PM	1.9		49	11	7.4	45	Yes	
22 / 1:00 PM	1.9		49	11	7.3	43	Yes	
23 / 2:00 PM	1.9		49	11	7.3	43	Yes	
24 / 1:00 PM	1.8		47	11	7.3	43	Yes	
25 / 4:30 PM	1.8		47	12	7.3	40	Yes	
26 / 3:00 PM	1.9		49	11	7.3	43	Yes	
27 / 1:00 PM	1.8		47	11	7.3	43	Yes	
28 / 1:00 PM	1.8		47	12	7.3	40	Yes	
29 / 2:00 PM	1.8		47	10	7.3	46	Yes	
30 / 1:00 PM	2.1		55	10	7.3	47	Yes	
31 / 1:30 PM	2.1		55	9	7.3	51	Yes	

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/L, OR CT not met, notify DWP by end of next business day.