

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: May 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	.04	.05	off	.15
2	↓	↓	.05	.04	.04	↓	.16
3	↓	↓	.04	.03	off	↓	.09
4	↓	↓	off	.04	.04	↓	.13
5	↓	↓	.03	.03	off	↓	.14
6	↓	↓	.03	.03	↓	↓	.12
7	↓	↓	.04	.03	↓	↓	.10
8	↓	↓	.04	.05	↓	↓	.17
9	↓	↓	off	.04	↓	↓	.07
10	↓	↓	.04	off	.03	.03	.12
11	↓	↓	off	.03	.03	.03	.08
12	↓	↓	off	off	.03	.04	.05
13	↓	↓	.04	.04	.03	off	.10
14	↓	↓	.03	.04	.03	↓	.10
15	↓	↓	.04	.03	off	↓	.04
16	↓	↓	.03	.04	.03	↓	.15
17	↓	↓	.03	.03	.03	↓	.12
18	↓	↓	off	off	.04	.04	.12
19	↓	↓	.07	.07	.05	off	.15
20	↓	↓	.06	.04	off	↓	.20
21	↓	↓	.03	.04	off	↓	.15
22	↓	↓	.05	.05	.05	↓	.15
23	↓	↓	.04	.04	.05	↓	.15
24	↓	↓	.04	.04	off	↓	.18
25	↓	↓	.04	.05	.04	↓	.20
26	↓	↓	.04	.04	off	↓	.15
27	↓	↓	.03	.04	off	↓	.14
28	↓	↓	.05	.04	off	↓	.10
29	↓	↓	.06	.03	.05	↓	.20
30	↓	↓	off	.04	.05	↓	.18
31	↓	↓	off	.04	.03	↓	.15

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of the 4-hour turbidity readings ≤ 0.3 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All Cl <sub>2</sub> residuals at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
All the 4-hour turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No		
All turbidity readings < IFE <sup>2</sup> triggers? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No <sup>2</sup>		
Notes: <u>Highest NTU of the day is Right Before a BW</u>	PRINTED NAME: <u>Jessie Burch</u>	
	SIGNATURE: <u>Jessie Burch</u>	DATE: <u>6-8-21</u>
	PHONE #: <u>(503) 429-6921</u>	CERT #: <u>6091</u>

<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 #: OR4100922 WTP.: WTP-A Month/Year: May 2021

Required Log Inactivation: 0.5

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]
1/11:40 <sup>am</sup>	2.2	26	57	14	7.3	35	Yes	720
2/16:30 <sup>am</sup>	2.3		60	14	7.4	37	Yes	
3/11:25 <sup>am</sup>	2.1		55	13	7.3	35	Yes	
4/13:20 <sup>pm</sup>	2.1		55	14	7.3	35	Yes	
5/11:10 <sup>am</sup>	2.1		55	14	7.4	36	Yes	
6/12:00 <sup>pm</sup>	2.1		55	14	7.4	36	Yes	
7/13:45 <sup>pm</sup>	2.1		55	14	7.5	38	Yes	
8/12:00 <sup>pm</sup>	2.1		55	14	7.4	37	Yes	
9/19:00 <sup>am</sup>	2.1		55	14	7.4	37	Yes	
10/12:00 <sup>pm</sup>	2.2		57	13	7.3	38	Yes	
11/14:00 <sup>pm</sup>	2.2		57	14	7.3	37	Yes	
12/13:00 <sup>pm</sup>	2.0		52	16	7.3	29	Yes	
13/14:00 <sup>pm</sup>	2.0		52	18	7.4	27	Yes	
14/12:40 <sup>pm</sup>	2.1		55	18	7.4	28	Yes	
15/11:30 <sup>am</sup>	2.1		55	17	7.4	30	Yes	
16/12:50 <sup>pm</sup>	2.0		52	17	7.3	28	Yes	
17/13:20 <sup>pm</sup>	2.0		52	16	7.3	29	Yes	
18/13:30 <sup>pm</sup>	1.9		49	15	7.4	32	Yes	
19/14:00 <sup>pm</sup>	2.0		52	13	7.4	38	Yes	
20/12:40 <sup>pm</sup>	2.0		52	13	7.4	38	Yes	
21/13:55 <sup>pm</sup>	2.1		55	14	7.4	37	Yes	
22/12:40 <sup>pm</sup>	2.1		55	14	7.4	37	Yes	
23/14:00 <sup>pm</sup>	2.0		52	15	7.4	32	Yes	
24/12:30 <sup>pm</sup>	2.1		55	15	7.4	33	Yes	
25/13:00 <sup>pm</sup>	2.0		52	15	7.3	31	Yes	
26/12:00 <sup>pm</sup>	2.0		52	15	7.4	32	Yes	
27/11:30 <sup>pm</sup>	1.7		44	15	7.3	31	Yes	
28/12:00 <sup>pm</sup>	1.8		47	15	7.3	31	Yes	
29/12:00 <sup>pm</sup>	1.7		44	16	7.4	30	Yes	
30/11:00 <sup>pm</sup>	1.7		44	17	7.3	28	Yes	
31/16:00 <sup>pm</sup>	1.7		44	21	7.4	22	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.