

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County:

Lincoln

Conventional or Direct Filtration

Month/Year:

Jul-21

System Name: Beverly Beach Water District		ID#: 41 00568					WTP : TP - A	
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	OFF	OFF	OFF	OFF	OFF	
2	OFF	OFF	OFF	OFF	0.02	0.03	0.03	
3	0.03	0.03	0.03	0.03	OFF	OFF	0.03	
4	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
5	OFF	OFF	OFF	OFF	0.05	0.05	0.05	
6	0.05	0.05	OFF	OFF	OFF	OFF	0.05	
7	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
8	OFF	OFF	OFF	0.05	0.03	0.03	0.05	
9	0.05	0.07	OFF	OFF	OFF	OFF	0.07	
10	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
11	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
12	OFF	OFF	OFF	0.03	0.03	OFF	0.03	
13	OFF	OFF	OFF	0.08	0.03	0.08	0.08	
14	0.04	0.04	0.04	0.04	0.04	0.06	0.06	
15	0.03	0.03	0.04	0.07	OFF	OFF	0.07	
16	OFF	OFF	OFF	0.08	0.04	0.10	0.10	
17	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
18	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
19	OFF	OFF	OFF	0.05	0.04	OFF	0.05	
20	0.06	OFF	OFF	0.06	0.04	0.08	0.08	
21	0.13	OFF	OFF	OFF	OFF	0.04	0.13	
22	0.03	0.04	OFF	0.04	0.03	0.04	0.04	
23	0.09	OFF	OFF	0.04	0.03	0.03	0.09	
24	0.03	0.08	OFF	OFF	0.04	0.03	0.08	
25	OFF	OFF	0.03	0.03	0.03	0.04	0.04	
26	OFF	OFF	OFF	OFF	0.03	0.03	0.03	
27	0.03	0.05	OFF	OFF	OFF	OFF	0.05	
28	0.06	OFF	OFF	OFF	0.03	0.03	0.06	
29	0.07	0.07	OFF	0.09	0.03	0.03	0.09	
30	OFF	OFF	OFF	0.04	0.04	0.06	0.06	
31	OFF	OFF	OFF	OFF	OFF	OFF	OFF	

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of 4-hour turbidity readings ≤ 0.3 NTU? <input checked="" type="radio"/> Yes <input type="radio"/> No	CT's met everyday? (see back) <input checked="" type="radio"/> Yes <input type="radio"/> No	All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No
All 4-hour turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes <input type="radio"/> No		
All turbidity readings < IFE ² triggers <input checked="" type="radio"/> Yes <input type="radio"/> No		

Notes:	PRINTED NAME: Aaron Olson
	SIGNATURE:  DATE: 08-08-21
	PHONE #: (503) 487-7591 CERT #: T-09128

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. ² IFE = Individ. Filter Effl. (333-061-0040(1)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form						WTP - : A	Inactivation
System Name:	Beverly Beach Water District	ID#: 41 00568	Month/Year:	Jul-21	Disinfection <i>Giardia</i>	Log Inactive:	1

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]		formula	Yes / No	[GPM]
1-Jul	OFF	70						
2-Jul	1.2	70	84.0	15.8	7.2	28.0	Yes	50
3-Jul	1.1	70	77.0	16.3	6.4	20.2	Yes	50
4-Jul	OFF	70						
5-Jul	1.6	70	112.0	16.7	6.5	21.6	Yes	50
6-Jul	1.4	70	98.0	16.8	6.5	21.0	Yes	50
7-Jul	OFF	70						
8-Jul	1.2	70	84.0	16.4	6.5	21.0	Yes	50
9-Jul	0.4	70	28.0	15.5	6.7	22.0	Yes	50
10-Jul	OFF	70						
11-Jul	OFF	70						
12-Jul	0.4	70	28.0	16.1	6.6	20.3	Yes	50
13-Jul	1.0	70	70.0	15.5	7.5	31.7	Yes	50
14-Jul	1.0	70	70.0	15.3	7.2	28.8	Yes	50
15-Jul	1.0	70	70.0	16.4	6.8	23.0	Yes	50
16-Jul	0.5	70	35.0	16.1	6.8	22.2	Yes	50
17-Jul	OFF	70						
18-Jul	OFF	70						
19-Jul	0.3	70	21.0	15.7	6.5	19.9	Yes	50
20-Jul	0.5	70	35.0	17.1	6.8	20.7	Yes	50
21-Jul	0.5	70	35.0	17.2	6.6	19.1	Yes	50
22-Jul	1.0	70	70.0	16.1	6.6	21.8	Yes	50
23-Jul	0.9	70	63.0	16.3	6.8	22.9	Yes	50
24-Jul	0.9	70	63.0	16.9	6.8	22.0	Yes	50
25-Jul	OFF	70						
26-Jul	0.3	70	21.0	17.0	6.6	18.9	Yes	50
27-Jul	OFF	70						
28-Jul	0.6	70	42.0	16.0	6.9	23.4	Yes	50
29-Jul	1.0	70	70.0	16.8	6.6	20.8	Yes	50
30-Jul	0.4	70	28.0	16.8	6.9	21.7	Yes	50
31-Jul	1.0	70	70.0	16.0	7.1	26.4	Yes	50

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

Revised July 2018

Oregon DHS - Drinking Water Services – Surface Water Quality Data

System Name: Beverly Beach WD

ID# 41 00568

Month/Year: Jul / 2021

Minimum UVT [%] during month: LAB

Duty sensor variation from reference sensor %: Reference Sensor test in manual

Minimum Validated UVT : {Insert Req'd Value} 92%

Date	Peak Hourly Demand Flow	Minimum Intensity	All Lamps On?	Daily Water Produced {A}	Water outside Validated Conditions {B}	Cumulative % Off-Spec Water Produced
	[gpm/unit]	[^{mW} /cm ²]	[Y or N]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1						
2	50	1.32	Y	22210	150	0.68%
3	50	1.35	Y	44420	300	0.68%
4						
5	50	1.24	Y	35283	200	0.57%
6	50	1.27	Y	28227	150	0.53%
7						
8	50	1.23	Y	45642	250	0.55%
9	50	1.07	Y	20668	50	0.24%
10						
11						
12	50	1.63	Y	34120	150	0.44%
13	50	1.08	Y	38055	350	0.90%
14	50	0.96	Y	73639	460	0.61%
15	50	0.9	Y	47502	400	0.84%
16	50			31520		Data lost
17						
18						
19	50	0.74	Y	32690	250	0.77%
20	50	1.29	Y	39530	200	0.50%
21	50	1.04	Y	39873	350	0.87%
22	50	0.94	Y	69896	450	0.64%
23	50	0.82	Y	50747	250	0.49%
24	50	0.82	Y	44063	350	0.79%
25	50	0.82	Y	65610	450	0.68%
26	50	0.8	Y	34431	400	1.16%
27	50	0.88	Y	20659	200	0.97%
28	50	0.21	Y	24914	700	2.84%
29	50	1.04	Y	64000	400	0.63%
30	50	1.19	Y	16000	50	0.31%
31	50	0.98	Y	26930	350	0.13%
Monthly Cumulative % Off-Spec Water Produced						16.80%

Signature: 

Op Cert #: T-09128

Date: 8/9/2021



**Professional
Laboratory
Services**

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ANALYSIS REPORT

Reported: 08/09/2021
Received: 07/29/2021
Sampled By:
Work Order: 1210009

C Beverly Beach Water District
L Attn: Hiland Water
I PO Box 699
E Newberg OR, 97132
N Phone: (503) 537-4504
T

Project: UTV
Project # : N/A
PWSID # :

Sampling Location: EP
Sample Matrix: Water

Lab Number

Code	Method	Units	Result	MRL	EPA MCL	Analysis Date/ Time
1210009-01	Sample Name: UTV Sampled: 7/28/21 10:35					
<i>Inorganics</i>						
UV-254	SM5910-B	% T	87.7	0.00500	-	07/29/21 14:00

ND = None detected at the MRL **MRL** = Minimum Reporting Limit **MCL** = Maximum Contamination Limit

Approved by: 
Adriana Gonzalez-Gray
Laboratory Director

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