

**OHA - Drinking Water Services - Surface Water Quality Data Form**  
**Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems**      **County: Multnomah**

System Name: Corbett Water District		ID#: 41		00359		WTP - : A		Month/Year: July-23	
Day	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the day <sup>1</sup> [NTU]		
7/1/23	0.3680	0.3650	0.4160	0.4320	0.4370	0.4360	0.4370		
7/2/23	0.4410	0.4510	0.4620	0.4660	0.4680	0.4680	0.4680		
7/3/23	0.4720	0.4830	0.4930	0.4950	0.4950	0.4940	0.4950		
7/4/23	0.5020	0.5140	0.5290	0.5290	0.5320	0.5370	0.5370		
7/5/23	0.5430	0.5530	0.5660	0.5670	0.5640	0.5600	0.5670		
7/6/23	0.5650	0.5700	0.5820	0.5810	0.5800	0.5780	0.5820		
7/7/23	0.5750	0.5790	0.5630	0.5650	0.0620	0.0620	0.5790		
7/8/23	0.0600	0.0600	0.0590	0.0580	0.0580	0.0580	0.0600		
7/9/23	0.0570	0.0570	0.0560	0.0560	0.0560	0.0570	0.0570		
7/10/23	0.0570	0.0560	0.0550	0.0540	0.0540	0.0540	0.0570		
7/11/23	0.0540	0.0530	0.0530	0.0530	0.0640	0.0590	0.0640		
7/12/23	0.0570	0.0550	0.0540	0.0540	0.0540	0.0540	0.0570		
7/13/23	0.0550	0.0540	0.0530	0.0530	0.0530	0.0540	0.0550		
7/14/23	0.0540	0.0530	0.0530	0.0530	0.0530	0.0540	0.0540		
7/15/23	0.0540	0.0530	0.0530	0.0530	0.0530	0.0540	0.0540		
7/16/23	0.0540	0.0530	0.0530	0.0530	0.0530	0.0540	0.0540		
7/17/23	0.0540	0.0540	0.0530	0.0530	0.0530	0.0530	0.0540		
7/18/23	0.0530	0.0530	0.0530	0.0520	0.0530	0.0530	0.0530		
7/19/23	0.0530	0.0530	0.0530	0.0570	0.0560	0.0550	0.0570		
7/20/23	0.0550	0.0540	0.0530	0.0530	0.0540	0.0540	0.0550		
7/21/23	0.0540	0.0540	0.0530	0.0530	0.0540	0.0540	0.0540		
7/22/23	0.0540	0.0530	0.0530	0.0530	0.0530	0.0540	0.0540		
7/23/23	0.0540	0.0530	0.0520	0.0520	0.0530	0.0530	0.0540		
7/24/23	0.0530	0.0530	0.0520	0.0520	0.0520	0.0520	0.0530		
7/25/23	0.0520	0.0520	0.0510	0.0510	0.0520	0.0520	0.0520		
7/26/23	0.0520	0.0520	0.0510	0.0510	0.0510	0.0520	0.0520		
7/27/23	0.0520	0.0520	0.0510	0.0500	0.0510	0.0510	0.0520		
7/28/23	0.0510	0.0510	0.0500	0.0500	0.0500	0.0510	0.0510		
7/29/23	0.0510	0.0500	0.0500	0.0500	0.0500	0.0510	0.0510		
7/30/23	0.0510	0.0500	0.0500	0.0490	0.0500	0.0500	0.0510		
7/31/23	0.0500	0.0500	0.0490	0.0490	0.0500	0.0500	0.0500		

Slow Sand/		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings $\leq$ 1 NTU? <sup>2</sup>	<b>Yes</b>	CT's met everyday? (see back)	All Cl2 residual at entry point $\geq$ 0.2 mg/l?
All daily turbidity readings $\leq$ 5 NTU?	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>

<b>SIGNATURE:</b> <i>David Jacob</i>	
<b>Printed Name: David Jacob</b>	<b>8/1/23</b>
<b>PHONE #: ( 503 )310-9262</b>	<b>CERT #:3675</b>

<sup>1</sup> 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. <sup>2</sup> Filtered systems only.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- : A

System Name: Corbett Water District

ID#: 41 00359

Month/Year:

Jul-23

Disinfection  
Giardia Log  
Inactiv:

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Date / Time	Clearwell Segment				Reservoir Segment				Combined Segment					
	Cl <sub>2</sub> Residual after Clearwell (C) <sup>3,4</sup> [ppm or mg/L]	Peak Hourly Demand Flow - Cwell	Contact Time - CWell (T) <sup>4</sup> [minutes]	Actual CT - Cwell C X T	Cl <sub>2</sub> Residual after Reservoir (C) <sup>3,4</sup> [ppm or mg/L]	Peak Hourly Demand Flow - Reserv. [GPM]	Contact Time - Reserv. (T) <sup>4</sup> [minutes]	Actual CT - Reserv. C X T	lowest Temp after Res [° C]	highest pH after Res	Required CT formula	Actual CT Cwell + Actual CT Res	(Act CT Cwell + Act CT Res) / Req CT	CT Met? (Act CT Cwell & Res / Req CT > 1.0?) <sup>3</sup> Yes / No
7/1/23	1.11	776	96.07	106.64					16.0	7.70	33.36	106.64	3.20	YES
7/2/23	1.1	788	94.26	103.69					16.1	7.68	32.90	103.69	3.15	YES
7/3/23	1.08	744	101.06	109.15					16.2	7.65	32.37	109.15	3.37	YES
7/4/23	1.09	785	94.73	103.26					16.3	7.65	32.22	103.26	3.21	YES
7/5/23	1.09	853	84.07	91.64					16.4	7.65	31.88	91.64	2.87	YES
7/6/23	1.02	858	83.38	85.05					16.6	7.67	31.52	85.05	2.70	YES
7/7/23	1.06	862	82.76	87.72					16.7	7.75	32.36	87.72	2.71	YES
7/8/23	1.08	875	80.68	87.13					16.4	7.83	33.99	87.13	2.56	YES
7/9/23	1.02	813	90.40	92.21					16.3	7.84	34.24	92.21	2.69	YES
7/10/23	1.09	825	88.51	96.48					16.1	7.88	35.55	96.48	2.71	YES
7/11/23	1.08	902	76.40	82.51					15.8	8.86	51.70	82.51	1.60	YES
7/12/23	1.08	787	94.37	101.92					15.7	8.39	43.82	101.92	2.33	YES
7/13/23	1.08	768	97.32	105.11					15.9	7.34	29.40	105.11	3.57	YES
7/14/23	1.08	792	93.56	101.04					16.3	7.37	28.95	101.04	3.49	YES
7/15/23	1.08	812	90.43	97.67					16.6	7.41	28.70	97.67	3.40	YES
7/16/23	1.08	824	88.70	95.79		not used			16.9	7.40	28.03	95.79	3.42	YES
7/17/23	1.06	850	84.62	89.69					17.1	7.38	27.52	89.69	3.26	YES
7/18/23	1.05	814	90.17	94.67					16.8	7.59	30.16	94.67	3.14	YES
7/19/23	1.02	983	63.72	64.99					16.7	7.45	28.72	64.99	2.26	YES
7/20/23	1	955	68.21	68.21					17.0	7.48	28.44	68.21	2.40	YES
7/21/23	0.99	956	68.02	67.34					17.1	7.62	29.78	67.34	2.26	YES
7/22/23	1.04	864	82.37	85.66					17.0	7.54	29.19	85.66	2.93	YES
7/23/23	1.05	822	88.90	93.35					17.1	7.56	29.39	93.35	3.18	YES
7/24/23	1.02	764	98.07	100.04					17.1	8.97	49.30	100.04	2.03	YES
7/25/23	0.22	625	119.72	26.34					13.5	6.82	25.76	26.34	1.02	YES
7/26/23	0.98	710	106.37	104.25					16.3	6.89	23.89	104.25	4.36	YES
7/27/23	1.13	744	101.09	114.23					16.2	7.71	33.29	114.23	3.43	YES
7/28/23	1.15	948	69.21	79.59					16.3	7.71	33.14	79.59	2.40	YES
7/29/23	1.07	921	73.46	78.60					16.3	7.69	32.43	78.60	2.42	YES
7/30/23	1.2	763	98.17	117.80					16.3	7.69	33.02	117.80	3.57	YES
7/31/23	1.15	835	86.95	99.99					16.3	7.94	36.08	99.99	2.77	YES

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, DWS to be notified within 24 hours. <sup>4</sup> Chlorine residual and contact time to be determined during peak hourly demand flow of clearwell and reservoir.

Revised February 2012

July 25 2023 notes  
 both chlorine pumps failed and were not pumping for 1 hour on July 25,2023  
 residual in the clearwell cross mixing resulted in a minimum residual of 0.22  
 a passing CT was the result that the pH during the low Chlorine event also dropped to 6.8 during the same hour  
 average pH during the day was acceptable since the average was above the requirement of 7.0  
 and mixing the res 6 smoothed out the change in pH before the first user.  
 residual in the system was not measurably different during the following days