

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: December-22	
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]		
12/1/22	0.0430	0.0420	0.0430	0.0420	0.0440	0.0450	0.0450		
12/2/22	0.0430	0.0420	0.0420	0.0420	0.0430	0.0440	0.0440		
12/3/22	0.0420	0.0410	0.0410	0.0410	0.0420	0.0430	0.0430		
12/4/22	0.0410	0.0400	0.0400	0.0400	0.0410	0.0410	0.0410		
12/5/22	0.0400	0.0400	0.0390	0.0390	0.0400	0.0410	0.0410		
12/6/22	0.0400	0.0390	0.0390	0.0350	0.0360	0.0370	0.0400		
12/7/22	0.0350	0.0350	0.0340	0.0350	0.0350	0.0360	0.0360		
12/8/22	0.0350	0.0340	0.0340	0.0340	0.0350	0.0350	0.0350		
12/9/22	0.0340	0.0340	0.0330	0.0380	0.0390	0.0400	0.0400		
12/10/22	0.0390	0.0380	0.0390	0.0390	0.0400	0.0400	0.0400		
12/11/22	0.0390	0.0390	0.0390	0.0390	0.0390	0.0360	0.0390		
12/12/22	0.0400	0.0400	0.0410	0.0410	0.0420	0.0440	0.0440		
12/13/22	0.0420	0.0410	0.0410	0.0410	0.0430	0.0440	0.0440		
12/14/22	0.0420	0.0410	0.0420	0.0410	0.0430	0.0430	0.0430		
12/15/22	0.0420	0.0420	0.0410	0.0410	0.0420	0.0430	0.0430		
12/16/22	0.0420	0.0410	0.0410	0.0410	0.0430	0.0420	0.0430		
12/17/22	0.0410	0.0410	0.0410	0.0410	0.0420	0.0420	0.0420		
12/18/22	0.0410	0.0410	0.0410	0.0410	0.0420	0.0410	0.0420		
12/19/22	0.0410	0.0410	0.0410	0.0410	0.0420	0.0420	0.0420		
12/20/22	0.0410	0.0410	0.0410	0.0410	0.0420	0.0420	0.0420		
12/21/22	0.0420	0.0430	0.0430	0.0430	0.0460	0.0470	0.0470		
12/22/22	0.0440	0.0440	0.0440	0.0430	0.0460	0.0480	0.0480		
12/23/22	0.0440	0.0430	0.0430	0.0420	0.0430	0.0420	0.0440		
12/24/22	0.0420	0.0410	0.0410	0.0420	0.0420	0.0430	0.0430		
12/25/22	0.0420	0.0430	0.0430	0.0460	0.0510	0.0500	0.0510		
12/26/22	0.0490	0.0490	0.0480	0.0500	0.0510	0.0490	0.0510		
12/27/22	0.0490	0.0500	0.0520	0.0540	0.0540	0.0540	0.0540		
12/28/22	0.0540	0.0540	0.0540	0.0550	0.0600	0.0540	0.0600		
12/29/22	0.0510	0.0500	0.0490	0.0500	0.0540	0.0520	0.0540		
12/30/22	0.0490	0.0490	0.0490	0.0500	0.0530	0.0510	0.0530		
12/31/22	0.0500	0.0500	0.0490	0.0500	0.0520	0.0520	0.0520		

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

SIGNATURE:	
Printed Name: David Jacob	
PHONE #: (503)310-9262	CERT #:3675

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 Filtered systems only.

Date / Time	Clearwell Segment			Reservoir Segment						Combined Segment				
	Cl ₂ Residual after Clearwell (C) ^{3,4} [ppm or mg/L]	Peak Hourly Demand Flow -Cwell 15.2	Contact Time - CWell (T) ⁴ [minutes]	Actual CT - Cwell C X T	Cl ₂ Residual after Reservoir (C) ^{3,4} [ppm or mg/L]	Peak Hourly Demand Flow - Reserv. [GPM]	Contact Time - Reserv. (T) ⁴ [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?) ³ Yes / No
12/1/22	1.24	442.9	148.18	183.75					4.19	7.51	70.21	183.75	2.62	YES
12/2/22	1.27	455.9	146.15	185.61					4.11	7.48	70.07	185.61	2.65	YES
12/3/22	1.3	455.4	146.23	190.10					3.97	7.44	69.97	190.10	2.72	YES
12/4/22	1.37	454.4	146.39	200.55					3.81	7.39	70.03	200.55	2.86	YES
12/5/22	1.39	454.1	146.43	203.54					3.68	7.34	69.54	203.54	2.93	YES
12/6/22	1.42	453.3	146.56	208.11					3.65	7.38	70.96	208.11	2.93	YES
12/7/22	1.41	452.8	146.64	206.76					3.65	7.37	70.62	206.76	2.93	YES
12/8/22	1.48	452.5	146.68	217.09					3.73	7.40	71.60	217.09	3.03	YES
12/9/22	1.38	460.3	145.47	200.74					3.72	7.40	70.81	200.74	2.84	YES
12/10/22	1.4	461.6	145.26	203.37					3.72	7.41	71.23	203.37	2.85	YES
12/11/22	1.4	462.1	145.18	203.26					3.76	7.49	73.15	203.26	2.78	YES
12/12/22	1.33	461.9	145.22	193.14					3.79	7.52	73.20	193.14	2.64	YES
12/13/22	1.34	462.1	145.18	194.55					3.87	7.56	73.96	194.55	2.63	YES
12/14/22	1.24	460.8	145.39	180.28					3.84	7.57	73.52	180.28	2.45	YES
12/15/22	1.38	460.9	145.37	200.61					3.78	7.63	76.72	200.61	2.61	YES
12/16/22	1.37	460.9	145.37	199.16					3.65	7.51	73.99	199.16	2.69	YES
12/17/22	1.36	460.3	145.47	197.83					3.48	7.47	73.68	197.83	2.68	YES
12/18/22	1.3	460.6	145.42	189.04					3.41	7.47	73.52	189.04	2.57	YES
12/19/22	1.28	583.1	126.27	161.63					3.41	7.45	72.81	161.63	2.22	YES
12/20/22	1.33	563.9	129.27	171.93					3.47	7.51	74.56	171.93	2.31	YES
12/21/22	1.27	545.8	132.10	167.77					3.29	7.58	76.91	167.77	2.18	YES
12/22/22	1.28	597.5	124.02	158.75					3.00	7.68	81.50	158.75	1.95	YES
12/23/22	1.21	606.3	122.65	148.40					2.60	7.89	89.81	148.40	1.65	YES
12/24/22	1.2	614.5	121.36	145.64					2.51	7.90	90.60	145.64	1.61	YES
12/25/22	1.38	972.8	65.36	90.20					2.67	7.84	89.53	90.20	1.01	YES
12/26/22	1.45	968.4	66.05	95.77					3.32	7.69	81.64	95.77	1.17	YES
12/27/22	1.19	955.3	68.10	81.03					3.96	7.58	72.75	81.03	1.11	YES
12/28/22	1.22	715.6	105.56	128.79					4.13	7.54	71.11	128.79	1.81	YES
12/29/22	1.27	759	98.78	125.45					4.21	7.68	74.88	125.45	1.68	YES
12/30/22	1.41	745.5	100.89	142.25					4.32	7.77	78.10	142.25	1.82	YES
12/31/22	1.45	707.8	106.78	154.83					4.45	7.82	79.21	154.83	1.95	YES

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, DWS to be notified within 24 hours. ⁴ Chlorine residual and contact time to be determined during peak hourly demand flow of clearwell and reservoir