

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: November-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]		
11/1/22	0.0390	0.0420	0.0440	0.0460	0.0500	0.0490	0.0500		
11/2/22	0.0460	0.0450	0.0440	0.0450	0.0450	0.0450	0.0460		
11/3/22	0.0430	0.0420	0.0410	0.0420	0.0460	0.0440	0.0460		
11/4/22	0.0410	0.0410	0.0400	0.0410	0.0430	0.0450	0.0450		
11/5/22	0.0480	0.0520	0.0560	0.0600	0.0630	0.0590	0.0630		
11/6/22	0.0550	0.0530	0.0500	0.0500	0.0530	0.0490	0.0550		
11/7/22	0.0470	0.0450	0.0440	0.0440	0.0450	0.0430	0.0470		
11/8/22	0.0420	0.0410	0.0410	0.0420	0.0440	0.0430	0.0440		
11/9/22	0.0410	0.0400	0.0400	0.0440	0.0420	0.0410	0.0440		
11/10/22	0.0390	0.0390	0.0380	0.0430	0.0410	0.0410	0.0430		
11/11/22	0.0390	0.0390	0.0390	0.0390	0.0430	0.0420	0.0430		
11/12/22	0.0390	0.0380	0.0380	0.0400	0.0410	0.0400	0.0410		
11/13/22	0.0370	0.0370	0.0360	0.0380	0.0400	0.0380	0.0400		
11/14/22	0.0260	0.0260	0.0260	0.0270	0.0280	0.0270	0.0280		
11/15/22	0.0250	0.0250	0.0250	0.0260	0.0260	0.0260	0.0260		
11/16/22	0.0240	0.0240	0.0240	0.0240	0.0260	0.0250	0.0260		
11/17/22	0.0240	0.0240	0.0270	0.0250	0.0260	0.0250	0.0270		
11/18/22	0.0230	0.0230	0.0230	0.0240	0.0250	0.0250	0.0250		
11/19/22	0.0240	0.0230	0.0230	0.0240	0.0250	0.0240	0.0250		
11/20/22	0.0230	0.0230	0.0230	0.0240	0.0250	0.0240	0.0250		
11/21/22	0.0230	0.0230	0.0230	0.0240	0.0260	0.0240	0.0260		
11/22/22	0.0230	0.0230	0.0230	0.0230	0.0240	0.0240	0.0240		
11/23/22	0.0240	0.0240	0.0250	0.0260	0.0270	0.0270	0.0270		
11/24/22	0.0250	0.0250	0.0250	0.0250	0.0270	0.0260	0.0270		
11/25/22	0.0240	0.0240	0.0240	0.0250	0.0270	0.0260	0.0270		
11/26/22	0.0240	0.0240	0.0240	0.0250	0.0280	0.0270	0.0280		
11/27/22	0.0250	0.0320	0.0340	0.0340	0.0370	0.0360	0.0370		
11/28/22	0.0350	0.0350	0.0350	0.0410	0.0450	0.0430	0.0450		
11/29/22	0.0410	0.0410	0.0410	0.0470	0.0440	0.0430	0.0470		
11/30/22	0.0440	0.0440	0.0430	0.0420	0.0440	0.0450	0.0450		
							0.0000		

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 Cl ₂ residual at entry point \geq 0.2 mg/l?	
All daily turbidity readings \leq 5 NTU?		Yes		Yes		Yes	
				SIGNATURE: <i>David Jacob</i> 12/7/2022			
				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
11/1/22	1.06	580.6	126.66	134.26				0.00	8.23	8.57	76.78	134.26	1.75	YES
11/2/22	0.98	592.7	124.77	122.28				0.00	7.98	8.59	77.95	122.28	1.57	YES
11/3/22	0.99	597.9	123.96	122.72				0.00	7.65	8.59	79.84	122.72	1.54	YES
11/4/22	1.05	665.9	113.33	119.00				0.00	7.47	8.86	89.97	119.00	1.32	YES
11/5/22	1.07	596.9	124.11	132.80				0.00	7.32	8.87	91.47	132.80	1.45	YES
11/6/22	1.02	563.7	129.30	131.89				0.00	7.06	8.68	86.29	131.89	1.53	YES
11/7/22	1.06	555	130.66	138.50				0.00	6.60	8.47	82.83	138.50	1.67	YES
11/8/22	1.18	499.9	139.28	164.35				0.00	6.28	8.46	85.58	164.35	1.92	YES
11/9/22	1.27	524.7	135.40	171.96				0.00	5.98	8.39	86.07	171.96	2.00	YES
11/10/22	1.27	523	135.67	172.29				0.00	5.82	8.69	97.28	172.29	1.77	YES
11/11/22	1.34	535.7	133.68	179.13				0.00	5.81	8.67	97.43	179.13	1.84	YES
11/12/22	1.35	536.7	133.52	180.26				0.00	5.69	8.38	88.33	180.26	2.04	YES
11/13/22	1.35	558.4	130.13	175.68				0.00	5.50	8.14	81.90	175.68	2.14	YES
11/14/22	1.37	562.7	129.46	177.36				0.00	5.27	8.17	84.35	177.36	2.10	YES
11/15/22	1.24	555.9	130.52	161.85				0.00	5.02	8.16	84.20	161.85	1.92	YES
11/16/22	1.35	577.6	127.13	171.63				0.00	4.73	8.13	86.08	171.63	1.99	YES
11/17/22	1.32	580.1	126.74	167.30				0.00	4.59	8.09	85.34	167.30	1.96	YES
11/18/22	1.35	547.6	131.82	177.96				0.00	4.29	8.76	112.22	177.96	1.59	YES
11/19/22	1.43	518.5	136.37	195.01				0.00	4.06	8.75	114.72	195.01	1.70	YES
11/20/22	1.48	532.5	134.18	198.59				0.00	3.92	8.51	106.54	198.59	1.86	YES
11/21/22	1.34	534	133.95	179.49				0.00	3.90	8.03	87.77	179.49	2.05	YES
11/22/22	1.3	521.9	135.84	176.59				0.00	4.09	7.92	82.77	176.59	2.13	YES
11/23/22	1.46	501.8	138.98	202.91				0.00	4.40	8.10	88.25	202.91	2.30	YES
11/24/22	1.37	516.3	136.71	187.30				0.00	4.60	8.08	85.47	187.30	2.19	YES
11/25/22	1.38	495.9	139.90	193.06				0.00	4.81	7.97	80.98	193.06	2.38	YES
11/26/22	1.32	486.1	141.43	186.69				0.00	4.87	8.15	85.57	186.69	2.18	YES
11/27/22	1.26	502.1	138.93	175.05				0.00	4.94	8.13	83.93	175.05	2.09	YES
11/28/22	1.24	496.4	139.82	173.38				0.00	4.85	8.21	86.78	173.38	2.00	YES
11/29/22	1.18	500.7	139.15	164.20				0.00	4.74	8.44	94.56	164.20	1.74	YES
11/30/22	1.23	486.8	141.32	173.83				0.00	4.46	8.32	92.77	173.83	1.87	YES

not used

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