

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: August-21	
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]		
8/1/21	0.0660	0.0640	0.0640	0.0640	0.0660	0.0670	0.0670		
8/2/21	0.0670	0.0660	0.0650	0.0650	0.0660	0.0670	0.0670		
8/3/21	0.0670	0.0660	0.0660	0.0660	0.0680	0.0690	0.0690		
8/4/21	0.0680	0.0670	0.0650	0.0650	0.0670	0.0680	0.0680		
8/5/21	0.0670	0.0660	0.0650	0.0650	0.0660	0.0670	0.0670		
8/6/21	0.0670	0.0650	0.0640	0.0650	0.0660	0.0670	0.0670		
8/7/21	0.0680	0.0660	0.0660	0.0660	0.0670	0.0680	0.0680		
8/8/21	0.0670	0.0660	0.0650	0.0650	0.0660	0.0670	0.0670		
8/9/21	0.0670	0.0650	0.0650	0.0640	0.0660	0.0680	0.0680		
8/10/21	0.0680	0.0660	0.0650	0.0650	0.0670	0.0670	0.0680		
8/11/21	0.0670	0.0650	0.0640	0.0640	0.0660	0.0670	0.0670		
8/12/21	0.0660	0.0650	0.0640	0.0640	0.0650	0.0660	0.0660		
8/13/21	0.0670	0.0650	0.0640	0.0640	0.0660	0.0670	0.0670		
8/14/21	0.0660	0.0640	0.0630	0.0630	0.0640	0.0650	0.0660		
8/15/21	0.0650	0.0630	0.0620	0.0630	0.0640	0.0630	0.0650		
8/16/21	0.0580	0.0630	0.0620	0.0620	0.0630	0.0640	0.0640		
8/17/21	0.0640	0.0650	0.0630	0.0620	0.0630	0.0630	0.0650		
8/18/21	0.0630	0.0630	0.0620	0.0620	0.0640	0.0650	0.0650		
8/19/21	0.0650	0.0640	0.0630	0.0630	0.0650	0.0660	0.0660		
8/20/21	0.0660	0.0650	0.0640	0.0640	0.0640	0.0650	0.0660		
8/21/21	0.0650	0.0640	0.0640	0.0640	0.0650	0.0660	0.0660		
8/22/21	0.0660	0.0650	0.0640	0.0640	0.0640	0.0650	0.0660		
8/23/21	0.0650	0.0640	0.0630	0.0630	0.0630	0.0650	0.0650		
8/24/21	0.0690	0.0630	0.0270	0.0270	0.0280	0.0290	0.0690		
8/25/21	0.0290	0.0280	0.0270	0.0280	0.0290	0.0290	0.0290		
8/26/21	0.0290	0.0280	0.0270	0.0280	0.0280	0.0280	0.0290		
8/27/21	0.0290	0.0280	0.0270	0.0270	0.0300	0.0300	0.0300		
8/28/21	0.0260	0.0260	0.0260	0.0270	0.0270	0.0260	0.0270		
8/29/21	0.0300	0.0270	0.0260	0.0260	0.0280	0.0290	0.0300		
8/30/21	0.0290	0.0280	0.0270	0.0270	0.0280	0.0280	0.0290		
8/31/21	0.0300	0.0290	0.0280	0.0280	0.0290	0.0290	0.0300		
Slow Sand/				Monthly Summary (Answer Yes or No)					
95% of daily turbidity readings ≤ 1 NTU? ²				Yes		CT's met everyday? (see back)		All Cl ₂ residual at entry point ≥ 0.2 mg/l?	
All daily turbidity readings ≤ 5 NTU?				Yes		Yes		Yes	
				SIGNATURE: <i>David Jacob</i>					
				Printed Name: David Jacob				9/1/21	
				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}	Peak Hourly Demand Flow -Cwell	Contact Time - CWell (T) ⁴	Actual CT - Cwell	Cl ₂ Residual after Reservoir (C) ^{3,4}	Peak Hourly Demand Flow - Reserv.	Contact Time - Reserv. (T) ⁴	Actual CT - Reserv.	lowest Temp after Res	highest pH after Res	Required CT	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
	[ppm or mg/L]	15.2	[minutes]	C X T	[ppm or mg/L]	[GPM]	[minutes]	C X T	[° C]		formula			Yes / No
8/1/21	1.31	748.8	100.37	131.49					14.13	7.78	39.90	131.49	3.30	YES
8/2/21	1.31	750.4	100.12	131.16					14.01	7.88	41.73	131.16	3.14	YES
8/3/21	1.39	674.5	111.99	155.66					14.35	7.90	41.47	155.66	3.75	YES
8/4/21	1.4	737.9	102.08	142.91					14.69	7.82	39.42	142.91	3.63	YES
8/5/21	1.35	766.3	97.64	131.81					14.79	7.86	39.51	131.81	3.34	YES
8/6/21	1.29	731.5	103.08	132.97					14.44	7.88	40.46	132.97	3.29	YES
8/7/21	1.29	725	104.09	134.28					14.11	7.98	42.91	134.28	3.13	YES
8/8/21	1.23	761.4	98.40	121.04					13.71	7.99	43.92	121.04	2.76	YES
8/9/21	1.24	742.3	101.39	125.72					13.40	8.04	45.72	125.72	2.75	YES
8/10/21	1.25	725.1	104.08	130.10					13.31	8.07	46.55	130.10	2.79	YES
8/11/21	1.27	744	101.12	128.43					13.56	7.88	42.80	128.43	3.00	YES
8/12/21	1.22	776.1	96.11	117.25					13.97	7.86	41.11	117.25	2.85	YES
8/13/21	1.25	762.1	98.29	122.87					14.44	7.82	39.40	122.87	3.12	YES
8/14/21	1.26	722.2	104.53	131.71					14.57	7.78	38.53	131.71	3.42	YES
8/15/21	1.24	754.2	99.53	123.42					14.61	7.79	38.49	123.42	3.21	YES
8/16/21	1.28	707.5	106.83	136.74					14.54	7.86	39.86	136.74	3.43	YES
8/17/21	1.29	730.4	103.25	133.19					14.23	7.84	40.43	133.19	3.29	YES
8/18/21	1.25	714	105.81	132.26					13.69	7.91	42.80	132.26	3.09	YES
8/19/21	1.28	707.9	106.77	136.66					13.42	7.93	44.05	136.66	3.10	YES
8/20/21	1.3	713.3	105.92	137.70					13.26	7.86	43.48	137.70	3.17	YES
8/21/21	1.3	712.2	106.09	137.92					12.94	7.86	44.41	137.92	3.11	YES
8/22/21	1.24	706.6	106.97	132.64					12.47	7.90	46.19	132.64	2.87	YES
8/23/21	1.28	705.3	107.17	137.18					12.11	7.96	48.54	137.18	2.83	YES
8/24/21	1.25	705.2	107.19	133.98					11.94	8.02	49.98	133.98	2.68	YES
8/25/21	1.24	709.6	106.50	132.06					12.03	7.92	47.90	132.06	2.76	YES
8/26/21	1.2	681.4	110.91	133.09					12.18	7.78	44.93	133.09	2.96	YES
8/27/21	1.29	696.8	108.50	139.97					12.09	7.78	45.66	139.97	3.07	YES
8/28/21	1.3	687.7	109.92	142.90					11.96	7.80	46.43	142.90	3.08	YES
8/29/21	1.32	708.8	106.62	140.74					12.03	7.84	46.98	140.74	3.00	YES
8/30/21	1.35	694.5	108.86	146.96					12.11	7.84	46.90	146.96	3.13	YES
8/31/21	1.3	674.9	111.92	145.50					11.80	7.79	46.76	145.50	3.11	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