

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: September-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]				
9/1/21	0.0280	0.0280	0.0260	0.0270	0.0280	0.0290	0.0290				
9/2/21	0.0280	0.0270	0.0260	0.0260	0.0280	0.0280	0.0280				
9/3/21	0.0280	0.0270	0.0280	0.0320	0.0330	0.0330	0.0330				
9/4/21	0.0330	0.0320	0.0310	0.0320	0.0330	0.0340	0.0340				
9/5/21	0.0340	0.0330	0.0320	0.0320	0.0340	0.0350	0.0350				
9/6/21	0.0350	0.0340	0.0330	0.0330	0.0350	0.0360	0.0360				
9/7/21	0.0360	0.0340	0.0330	0.0330	0.0340	0.0350	0.0360				
9/8/21	0.0350	0.0340	0.0320	0.0330	0.0350	0.0360	0.0360				
9/9/21	0.0360	0.0350	0.0330	0.0330	0.0350	0.0360	0.0360				
9/10/21	0.0360	0.0340	0.0330	0.0330	0.0330	0.0330	0.0360				
9/11/21	0.0330	0.0330	0.0320	0.0330	0.0350	0.0350	0.0350				
9/12/21	0.0350	0.0340	0.0330	0.0330	0.0330	0.0340	0.0350				
9/13/21	0.0350	0.0340	0.0330	0.0330	0.0350	0.0350	0.0350				
9/14/21	0.0350	0.0350	0.0330	0.0330	0.0350	0.0360	0.0360				
9/15/21	0.0360	0.0350	0.0330	0.0330	0.0350	0.0360	0.0360				
9/16/21	0.0360	0.0350	0.0340	0.0330	0.0350	0.0360	0.0360				
9/17/21	0.0360	0.0350	0.0340	0.0340	0.0360	0.0360	0.0360				
9/18/21	0.0360	0.0360	0.0350	0.0350	0.0360	0.0360	0.0360				
9/19/21	0.0370	0.0390	0.0410	0.0420	0.0440	0.0450	0.0450				
9/20/21	0.0440	0.0430	0.0420	0.0420	0.0450	0.0460	0.0460				
9/21/21	0.0440	0.0410	0.0390	0.0380	0.0400	0.0420	0.0440				
9/22/21	0.0420	0.0390	0.0370	0.0370	0.0380	0.0390	0.0420				
9/23/21	0.0390	0.0370	0.0360	0.0360	0.0380	0.0390	0.0390				
9/24/21	0.0390	0.0370	0.0350	0.0350	0.0360	0.0380	0.0390				
9/25/21	0.0380	0.0370	0.0350	0.0350	0.0360	0.0380	0.0380				
9/26/21	0.0380	0.0360	0.0350	0.0350	0.0360	0.0370	0.0380				
9/27/21	0.0380	0.0360	0.0350	0.0350	0.0360	0.0370	0.0380				
9/28/21	0.0380	0.0390	0.0390	0.0390	0.0230	0.0250	0.0390				
9/29/21	0.0250	0.0240	0.0230	0.0230	0.0250	0.0260	0.0260				
9/30/21	0.0300	0.0270	0.0250	0.0250	0.0260	0.0280	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 Cl2 residual at entry point ≥ 0.2 mg/l?				
All daily turbidity readings ≤ 5 NTU?				Yes	Yes						
				SIGNATURE: <i>David Jacob</i>							
				Printed Name: David Jacob				10/6/21			
				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} [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
9/1/21	1.28	689.5	109.64	140.34					11.73	7.53	42.77	140.34	3.28	YES
9/2/21	1.26	681.5	110.89	139.72					11.61	7.47	42.12	139.72	3.32	YES
9/3/21	1.28	680	111.13	142.24					11.61	7.48	42.36	142.24	3.36	YES
9/4/21	1.34	666.2	113.28	151.80					11.64	7.50	42.87	151.80	3.54	YES
9/5/21	1.29	674.5	111.99	144.46					11.71	7.51	42.58	144.46	3.39	YES
9/6/21	1.24	672.9	112.24	139.17					11.93	7.51	41.73	139.17	3.33	YES
9/7/21	1.25	671.1	112.52	140.65					12.11	7.51	41.29	140.65	3.41	YES
9/8/21	1.3	688	109.88	142.84					12.29	7.51	41.04	142.84	3.48	YES
9/9/21	1.37	674.1	112.05	153.51					12.34	7.51	41.22	153.51	3.72	YES
9/10/21	1.32	671	112.53	148.54					12.23	7.50	41.15	148.54	3.61	YES
9/11/21	1.35	666.1	113.30	152.95					11.88	7.49	42.10	152.95	3.63	YES
9/12/21	1.29	671	112.53	145.17					11.64	7.49	42.48	145.17	3.42	YES
9/13/21	1.33	663.1	113.77	151.31					11.34	7.49	43.52	151.31	3.48	YES
9/14/21	1.31	664.3	113.58	148.79					11.15	7.49	43.97	148.79	3.38	YES
9/15/21	1.33	673.5	112.14	149.15					11.17	7.51	44.32	149.15	3.37	YES
9/16/21	1.33	660	114.25	151.96				not used	11.00	7.51	44.82	151.96	3.39	YES
9/17/21	1.41	670	112.69	158.89					11.04	7.51	45.11	158.89	3.52	YES
9/18/21	1.39	637.9	117.71	163.61					10.92	7.53	45.69	163.61	3.58	YES
9/19/21	1.35	594.3	124.52	168.10					10.82	7.55	46.11	168.10	3.65	YES
9/20/21	1.19	621.7	120.24	143.08					10.71	7.58	46.09	143.08	3.10	YES
9/21/21	1.15	624.8	119.75	137.72					10.71	7.61	46.37	137.72	2.97	YES
9/22/21	1.13	643.3	116.86	132.05					10.84	7.62	46.04	132.05	2.87	YES
9/23/21	1.2	642.7	116.96	140.35					10.86	7.60	46.01	140.35	3.05	YES
9/24/21	1.26	641.3	117.17	147.64					10.88	7.60	46.27	147.64	3.19	YES
9/25/21	1.26	640.9	117.24	147.72					11.05	7.58	45.43	147.72	3.25	YES
9/26/21	1.31	637.2	117.82	154.34					11.09	7.57	45.40	154.34	3.40	YES
9/27/21	1.41	627.6	119.32	168.24					10.99	7.56	46.06	168.24	3.65	YES
9/28/21	1.29	633.5	118.39	152.73					10.76	7.55	45.98	152.73	3.32	YES
9/29/21	1.1	674.6	111.97	123.17					10.63	7.57	45.71	123.17	2.69	YES
9/30/21	1.03	663.7	113.67	117.08					10.48	7.60	46.29	117.08	2.53	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