

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-24	
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]		
9/1/24	0.0230	0.0220	0.0260	0.0260	0.0270	0.0270	0.0270		
9/2/24	0.0280	0.0270	0.0270	0.0270	0.0270	0.0270	0.0280		
9/3/24	0.0270	0.0270	0.0270	0.0270	0.0280	0.0280	0.0280		
9/4/24	0.0280	0.0270	0.0270	0.0270	0.0270	0.0280	0.0280		
9/5/24	0.0280	0.0280	0.0280	0.0270	0.0280	0.0280	0.0280		
9/6/24	0.0280	0.0280	0.0270	0.0270	0.0280	0.0280	0.0280		
9/7/24	0.0280	0.0280	0.0270	0.0270	0.0280	0.0280	0.0280		
9/8/24	0.0280	0.0270	0.0270	0.0280	0.0280	0.0280	0.0280		
9/9/24	0.0280	0.0280	0.0280	0.0280	0.0280	0.0290	0.0290		
9/10/24	0.0290	0.0280	0.0280	0.0280	0.0280	0.0290	0.0290		
9/11/24	0.0280	0.0280	0.0280	0.0280	0.0280	0.0290	0.0290		
9/12/24	0.0280	0.0280	0.0280	0.0290	0.0300	0.0310	0.0310		
9/13/24	0.0310	0.0310	0.0300	0.0300	0.0310	0.0320	0.0320		
9/14/24	0.0300	0.0290	0.0290	0.0290	0.0300	0.0300	0.0300		
9/15/24	0.0290	0.0280	0.0280	0.0280	0.0290	0.0300	0.0300		
9/16/24	0.0290	0.0280	0.0280	0.0280	0.0290	0.0290	0.0290		
9/17/24	0.0290	0.0290	0.0290	0.0290	0.0300	0.0300	0.0300		
9/18/24	0.0300	0.0290	0.0290	0.0290	0.0270	0.0260	0.0300		
9/19/24	0.0230	0.0210	0.0250	0.0220	0.0250	0.0250	0.0250		
9/20/24	0.0300	0.0300	0.0300	0.0300	0.0300	0.0300	0.0300		
9/21/24	0.0300	0.0300	0.0300	0.0300	0.0300	0.0300	0.0300		
9/22/24	0.0300	0.0300	0.0300	0.0300	0.0300	0.0300	0.0300		
9/23/24	0.0300	0.0300	0.0300	0.0270	0.0290	0.0290	0.0300		
9/24/24	0.0290	0.0290	0.0290	0.0290	0.0310	0.0310	0.0310		
9/25/24	0.0310	0.0310	0.0310	0.0310	0.0310	0.0310	0.0310		
9/26/24	0.0310	0.0310	0.0320	0.0320	0.0320	0.0310	0.0320		
9/27/24	0.0250	0.0250	0.0290	0.0290	0.0300	0.0300	0.0300		
9/28/24	0.0300	0.0300	0.0300	0.0290	0.0300	0.0300	0.0300		
9/29/24	0.0300	0.0300	0.0290	0.0290	0.0300	0.0300	0.0300		
9/30/24	0.0300	0.0290	0.0290	0.0290	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 Cl2 residual at entry point ≥ 0.2 mg/l?		
All daily turbidity readings ≤ 5 NTU?				Yes	Yes		Yes		
				SIGNATURE: <i>David Jacob</i> 10/5/2024					
				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}	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
9/1/24	1.1	732.5	102.92	113.21					15.96	8.60	46.67	113.21	2.43	YES
9/2/24	1	642.5	116.99	116.99					15.52	8.61	47.68	116.99	2.45	YES
9/3/24	1.12	588.5	125.43	140.48					15.15	8.63	49.89	140.48	2.82	YES
9/4/24	1.11	582.6	126.35	140.25					14.98	8.63	50.40	140.25	2.78	YES
9/5/24	1.11	626.2	119.53	132.68					15.19	8.66	50.26	132.68	2.64	YES
9/6/24	1.04	721.9	104.58	108.76					15.46	8.82	51.94	108.76	2.09	YES
9/7/24	1.1	708.9	106.61	117.27					15.72	8.79	50.84	117.27	2.31	YES
9/8/24	1.08	670	112.69	121.70					15.76	8.79	50.59	121.70	2.41	YES
9/9/24	1.02	647.5	116.21	118.53					15.66	8.76	50.03	118.53	2.37	YES
9/10/24	1.09	590.7	125.08	136.34					15.52	8.63	48.52	136.34	2.81	YES
9/11/24	1.06	497.3	139.68	148.06					15.42	8.58	47.80	148.06	3.10	YES
9/12/24	1.07	432.8	149.76	160.25					15.33	8.58	48.13	160.25	3.33	YES
9/13/24	1	452.3	146.72	146.72					15.21	8.68	49.94	146.72	2.94	YES
9/14/24	1.08	471.2	143.76	155.26					15.10	8.79	52.85	155.26	2.94	YES
9/15/24	1.03	464.3	144.84	149.19					14.84	8.84	54.45	149.19	2.74	YES
9/16/24	1.13	448	147.39	166.55					14.61	8.83	55.70	166.55	2.99	YES
9/17/24	1.17	459	145.67	170.43					14.38	8.82	56.60	170.43	3.01	YES
9/18/24	1.14	428.1	150.50	171.57					14.33	8.69	53.96	171.57	3.18	YES
9/19/24	1.26	421.6	151.51	190.91					14.16	8.60	53.52	190.91	3.57	YES
9/20/24	1.28	409.1	153.47	196.44					14.06	8.51	52.24	196.44	3.76	YES
9/21/24	1.29	399.6	154.95	199.89					13.94	8.46	51.76	199.89	3.86	YES
9/22/24	1.26	399.5	154.97	195.26					13.89	8.44	51.38	195.26	3.80	YES
9/23/24	1.33	460	145.51	193.53					13.89	8.45	51.98	193.53	3.72	YES
9/24/24	1.35	472.9	143.50	193.72					13.99	8.46	51.94	193.72	3.73	YES
9/25/24	1.35	442.3	148.28	200.18					14.17	8.43	50.76	200.18	3.94	YES
9/26/24	1.28	453.6	146.51	187.54					14.10	8.43	50.60	187.54	3.71	YES
9/27/24	1.21	436.9	149.12	180.44					14.14	8.48	51.00	180.44	3.54	YES
9/28/24	1.19	454.9	146.31	174.11					14.10	8.52	51.77	174.11	3.36	YES
9/29/24	1.17	443.6	148.08	173.25					13.89	8.53	52.57	173.25	3.30	YES
9/30/24	1.17	436.8	149.14	174.49					13.71	8.52	53.00	174.49	3.29	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.