

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-23	
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]						
8/1/23	0.0500	0.0500	0.0500	0.0490	0.0500	0.0500	0.0500						
8/2/23	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500						
8/3/23	0.0500	0.0500	0.0490	0.0490	0.0500	0.0500	0.0500						
8/4/23	0.0500	0.0500	0.0490	0.0490	0.0490	0.0500	0.0500						
8/5/23	0.0500	0.0490	0.0490	0.0490	0.0490	0.0490	0.0500						
8/6/23	0.0490	0.0490	0.0490	0.0490	0.0490	0.0490	0.0490						
8/7/23	0.0490	0.0490	0.0490	0.0490	0.0490	0.0500	0.0500						
8/8/23	0.0490	0.0490	0.0490	0.0490	0.0500	0.0500	0.0500						
8/9/23	0.0510	0.0310	0.0300	0.0300	0.0300	0.0310	0.0510						
8/10/23	0.0310	0.0300	0.0300	0.0300	0.0310	0.0310	0.0310						
8/11/23	0.0310	0.0310	0.0300	0.0300	0.0310	0.0310	0.0310						
8/12/23	0.0310	0.0310	0.0310	0.0310	0.0310	0.0320	0.0320						
8/13/23	0.0310	0.0310	0.0310	0.0310	0.0320	0.0320	0.0320						
8/14/23	0.0320	0.0320	0.0320	0.0320	0.0320	0.0330	0.0330						
8/15/23	0.0320	0.0320	0.0320	0.0320	0.0330	0.0330	0.0330						
8/16/23	0.0330	0.0330	0.0330	0.0330	0.0340	0.0340	0.0340						
8/17/23	0.0340	0.0330	0.0330	0.0330	0.0330	0.0340	0.0340						
8/18/23	0.0330	0.0330	0.0330	0.0330	0.0340	0.0340	0.0340						
8/19/23	0.0340	0.0330	0.0330	0.0330	0.0330	0.0330	0.0340						
8/20/23	0.0330	0.0330	0.0330	0.0330	0.0330	0.0330	0.0330						
8/21/23	0.0330	0.0330	0.0330	0.0330	0.0330	0.0330	0.0330						
8/22/23	0.0340	0.0330	0.0330	0.0330	0.0330	0.0340	0.0340						
8/23/23	0.0340	0.0330	0.0330	0.0330	0.0340	0.0340	0.0340						
8/24/23	0.0340	0.0340	0.0340	0.0330	0.0340	0.0340	0.0340						
8/25/23	0.0340	0.0340	0.0340	0.0340	0.0340	0.0340	0.0340						
8/26/23	0.0340	0.0340	0.0340	0.0340	0.0350	0.0350	0.0350						
8/27/23	0.0350	0.0340	0.0340	0.0340	0.0350	0.0350	0.0350						
8/28/23	0.0350	0.0350	0.0350	0.0350	0.0350	0.0350	0.0350						
8/29/23	0.0350	0.0350	0.0350	0.0350	0.0350	0.0350	0.0350						
8/30/23	0.0350	0.0350	0.0350	0.0360	0.0360	0.0370	0.0370						
8/31/23	0.0360	0.0360	0.0360	0.0360	0.0360	0.0360	0.0360						

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: <i>David Jacob</i> 3-Sep-23	
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
8/1/23	1.13	776.1	96.11	108.60					16.22	7.95	36.23	108.60	3.00	YES
8/2/23	1.14	840.7	86.01	98.05					16.45	7.75	33.18	98.05	2.96	YES
8/3/23	1.1	805.5	91.51	100.66					16.38	7.76	33.30	100.66	3.02	YES
8/4/23	1.15	758	98.93	113.77					16.46	7.73	32.95	113.77	3.45	YES
8/5/23	1.16	749.2	100.31	116.36					16.39	7.73	33.14	116.36	3.51	YES
8/6/23	1.12	766.7	97.57	109.28					16.09	7.69	33.16	109.28	3.30	YES
8/7/23	1.21	808.1	91.10	110.24					15.89	7.90	36.69	110.24	3.00	YES
8/8/23	1.21	783.5	94.95	114.89					15.76	7.92	37.28	114.89	3.08	YES
8/9/23	1.14	800.7	92.26	105.18					15.88	7.93	36.83	105.18	2.86	YES
8/10/23	1.16	782.5	95.11	110.32					16.11	7.93	36.35	110.32	3.03	YES
8/11/23	1.12	919.8	73.65	82.48					16.13	7.95	36.41	82.48	2.27	YES
8/12/23	1.09	786.7	94.45	102.95					16.20	7.97	36.38	102.95	2.83	YES
8/13/23	1.09	868.4	81.68	89.03					16.39	7.94	35.53	89.03	2.51	YES
8/14/23	1.01	888.4	78.55	79.34					16.73	7.99	35.06	79.34	2.26	YES
8/15/23	1.08	863.2	82.49	89.09					17.23	7.90	33.07	89.09	2.69	YES
8/16/23	1.06	974.9	65.03	68.94		Not used			17.48	7.88	32.21	68.94	2.14	YES
8/17/23	1.03	888.8	78.49	80.85					17.64	7.83	31.18	80.85	2.59	YES
8/18/23	1.05	810.4	90.74	95.28					17.13	8.01	34.55	95.28	2.76	YES
8/19/23	1	815.1	90.01	90.01					16.89	8.01	34.91	90.01	2.58	YES
8/20/23	1.13	826	88.31	99.79					16.59	8.03	36.41	99.79	2.74	YES
8/21/23	1	822.9	88.79	88.79					16.21	8.02	36.66	88.79	2.42	YES
8/22/23	1.11	805.7	91.48	101.54					15.95	8.01	37.63	101.54	2.70	YES
8/23/23	1.1	796.7	92.89	102.17					15.78	7.99	37.73	102.17	2.71	YES
8/24/23	1.11	801.4	92.15	102.29					15.68	8.02	38.45	102.29	2.66	YES
8/25/23	1.04	823.6	88.68	92.23					15.89	8.00	37.34	92.23	2.47	YES
8/26/23	1.15	812.8	90.37	103.92					16.13	7.95	36.53	103.92	2.84	YES
8/27/23	1.15	796.5	92.92	106.85					16.34	7.87	34.98	106.85	3.06	YES
8/28/23	1.12	770.6	96.97	108.60					16.25	8.10	38.17	108.60	2.84	YES
8/29/23	1.1	780.1	95.48	105.03					15.78	7.90	36.50	105.03	2.88	YES
8/30/23	1.11	773.1	96.57	107.20					15.46	8.39	44.71	107.20	2.40	YES
8/31/23	1.03	771.5	96.82	99.73					15.27	8.05	39.59	99.73	2.52	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