

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-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]		
8/1/22	0.0360	0.0360	0.0360	0.0360	0.0370	0.0380	0.0380		
8/2/22	0.0380	0.0380	0.0370	0.0370	0.0380	0.0390	0.0390		
8/3/22	0.0390	0.0390	0.0380	0.0380	0.0390	0.0400	0.0400		
8/4/22	0.0400	0.0390	0.0390	0.0390	0.0390	0.0400	0.0400		
8/5/22	0.0400	0.0400	0.0390	0.0390	0.0400	0.0410	0.0410		
8/6/22	0.0400	0.0400	0.0400	0.0400	0.0400	0.0410	0.0410		
8/7/22	0.0410	0.0400	0.0400	0.0390	0.0400	0.0400	0.0410		
8/8/22	0.0410	0.0450	0.0960	0.0700	0.0790	0.0720	0.0960		
8/9/22	0.0670	0.0580	0.0510	0.0490	0.0490	0.0470	0.0670		
8/10/22	0.0450	0.0440	0.0440	0.0430	0.0440	0.0390	0.0450		
8/11/22	0.0370	0.0400	0.0320	0.0310	0.0400	0.0410	0.0410		
8/12/22	0.0380	0.0390	0.0340	0.0320	0.0340	0.0320	0.0390		
8/13/22	0.0320	0.0320	0.0310	0.0310	0.0320	0.0380	0.0380		
8/14/22	0.0400	0.0400	0.0400	0.0400	0.0410	0.0420	0.0420		
8/15/22	0.0420	0.0420	0.0410	0.0400	0.0430	0.0430	0.0430		
8/16/22	0.0430	0.0430	0.0420	0.0420	0.0440	0.0450	0.0450		
8/17/22	0.0440	0.0430	0.0430	0.0430	0.0450	0.0450	0.0450		
8/18/22	0.0450	0.0440	0.0440	0.0440	0.0440	0.0450	0.0450		
8/19/22	0.0440	0.0440	0.0430	0.0440	0.0450	0.0460	0.0460		
8/20/22	0.0460	0.0450	0.0440	0.0450	0.0450	0.0460	0.0460		
8/21/22	0.0460	0.0450	0.0440	0.0440	0.0450	0.0460	0.0460		
8/22/22	0.0450	0.0440	0.0440	0.0440	0.0450	0.0460	0.0460		
8/23/22	0.0450	0.0440	0.0440	0.0440	0.0460	0.0470	0.0470		
8/24/22	0.0450	0.0450	0.0450	0.0450	0.0460	0.0470	0.0470		
8/25/22	0.0460	0.0450	0.0450	0.0450	0.0470	0.0480	0.0480		
8/26/22	0.0470	0.0460	0.0450	0.0460	0.0470	0.0470	0.0470		
8/27/22	0.0470	0.0460	0.0450	0.0460	0.0460	0.0470	0.0470		
8/28/22	0.0460	0.0460	0.0450	0.0450	0.0470	0.0470	0.0470		
8/29/22	0.0460	0.0460	0.0450	0.0460	0.0470	0.0480	0.0480		
8/30/22	0.0460	0.0460	0.0450	0.0460	0.0480	0.0480	0.0480		
8/31/22	0.0470	0.0470	0.0460	0.0470	0.0500	0.0500	0.0500		

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> 6-Sep-22	
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
8/1/22	1.48	844	85.49	126.53					15.06	7.17	30.52	126.53	4.15	YES
8/2/22	1.44	861	82.84	119.28					14.97	7.15	30.34	119.28	3.93	YES
8/3/22	1.47	820.5	89.17	131.07					14.91	7.19	31.02	131.07	4.22	YES
8/4/22	1.46	798.1	92.67	135.29					14.62	7.21	31.83	135.29	4.25	YES
8/5/22	1.46	820.3	89.20	130.23					14.27	7.23	32.82	130.23	3.97	YES
8/6/22	1.49	840.9	85.98	128.11					14.11	7.25	33.53	128.11	3.82	YES
8/7/22	1.39	825.8	88.34	122.79					14.13	7.27	33.36	122.79	3.68	YES
8/8/22	1.48	805.6	91.49	135.41					14.28	7.29	33.61	135.41	4.03	YES
8/9/22	1.5	800.1	92.35	138.53					14.29	7.31	33.92	138.53	4.08	YES
8/10/22	1.55	792.1	93.60	145.09					14.04	7.36	35.33	145.09	4.11	YES
8/11/22	1.54	774	96.43	148.51					13.79	7.40	36.41	148.51	4.08	YES
8/12/22	1.53	784.3	94.82	145.08					13.62	7.42	37.06	145.08	3.91	YES
8/13/22	1.51	876.5	80.41	121.42					13.69	7.43	36.94	121.42	3.29	YES
8/14/22	1.5	780.2	95.46	143.20					13.66	7.44	37.11	143.20	3.86	YES
8/15/22	1.53	796.3	92.95	142.21					13.66	7.45	37.37	142.21	3.81	YES
8/16/22	1.47	793.4	93.40	137.30				Not used	13.71	7.47	37.27	137.30	3.68	YES
8/17/22	1.5	784.5	94.79	142.19					13.85	7.51	37.60	142.19	3.78	YES
8/18/22	1.47	772.7	96.64	142.06					14.09	7.50	36.74	142.06	3.87	YES
8/19/22	1.51	766.2	97.65	147.46					13.87	7.47	37.04	147.46	3.98	YES
8/20/22	1.51	787.1	94.39	142.52					13.76	7.50	37.73	142.52	3.78	YES
8/21/22	1.46	759.1	98.76	144.19					13.64	7.55	38.52	144.19	3.74	YES
8/22/22	1.48	798.1	92.67	137.15					13.69	7.56	38.62	137.15	3.55	YES
8/23/22	1.46	752.5	99.79	145.70					13.77	7.54	38.05	145.70	3.83	YES
8/24/22	1.44	835.7	86.79	124.98					13.90	7.57	38.05	124.98	3.28	YES
8/25/22	1.48	778.3	95.76	141.73					14.02	7.62	38.63	141.73	3.67	YES
8/26/22	1.51	785.6	94.62	142.88					14.10	7.64	38.84	142.88	3.68	YES
8/27/22	1.45	739.6	101.81	147.63					13.77	7.65	39.58	147.63	3.73	YES
8/28/22	1.5	733	102.84	154.26					13.36	7.62	40.45	154.26	3.81	YES
8/29/22	1.47	762	98.31	144.51					13.20	7.62	40.74	144.51	3.55	YES
8/30/22	1.5	771	96.90	145.35					13.32	7.60	40.26	145.35	3.61	YES
8/31/22	1.54	754.4	99.50	153.23					13.56	7.60	39.80	153.23	3.85	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