

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:	January-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]	
1/1/21	0.0660	0.0640	0.0640	0.0640	0.0680	0.0710	0.0710	
1/2/21	0.0640	0.0640	0.0640	0.0620	0.0640	0.0640	0.0640	
1/3/21	0.0610	0.0620	0.0620	0.0640	0.0780	0.0850	0.0850	
1/4/21	0.0720	0.0650	0.0630	0.0620	0.0670	0.0730	0.0730	
1/5/21	0.0670	0.0630	0.0620	0.0620	0.0750	0.0810	0.0810	
1/6/21	0.0690	0.0620	0.0610	0.0600	0.0710	0.0730	0.0730	
1/7/21	0.0640	0.0610	0.0600	0.0610	0.0750	0.0860	0.0860	
1/8/21	0.0720	0.0630	0.0610	0.0600	0.0310	0.0710	0.0720	
1/9/21	0.0640	0.0600	0.0580	0.0590	0.0720	0.0790	0.0790	
1/10/21	0.0660	0.0590	0.0580	0.0580	0.0710	0.0750	0.0750	
1/11/21	0.0640	0.0600	0.0580	0.0580	0.0680	0.0700	0.0700	
1/12/21	0.0620	0.0570	0.0560	0.0570			0.0620	
1/13/21			0.0520	0.0560	0.0590	0.0650	0.0650	
1/14/21	0.0740	0.0660	0.0630	0.0610	0.0630	0.0730	0.0740	
1/15/21	0.0770	0.0680	0.0620	0.0600	0.0630	0.0760	0.0770	
1/16/21	0.0730	0.0640	0.0600	0.0590	0.0660	0.0780	0.0780	
1/17/21	0.0740	0.0630	0.0590	0.0570	0.0620	0.0730	0.0740	
1/18/21	0.0690	0.0610	0.0580	0.0570	0.0600	0.0650	0.0690	
1/19/21	0.0630	0.0580	0.0560	0.0560	0.0620	0.0690	0.0690	
1/20/21	0.0630	0.0580	0.0560	0.0580	0.0820	0.0880	0.0880	
1/21/21	0.0650	0.0600	0.0580	0.0560	0.0660	0.0860	0.0860	
1/22/21	0.0670	0.0600	0.0570	0.0600	0.0680	0.0650	0.0680	
1/23/21	0.0600	0.0580	0.0580	0.0590	0.0630	0.0640	0.0640	
1/24/21	0.0590	0.0570	0.0570	0.0570	0.0690	0.0680	0.0690	
1/25/21	0.0600	0.0570	0.0560	0.0570	0.0630	0.0660	0.0660	
1/26/21	0.0610	0.0570	0.0550	0.0550	0.0600	0.0660	0.0660	
1/27/21	0.0610	0.0560	0.0550	0.0540	0.0590	0.0680	0.0680	
1/28/21	0.0660	0.0590	0.0560	0.0540	0.0590	0.0710	0.0710	
1/29/21	0.0670	0.0590	0.0570	0.0570	0.0600	0.0680	0.0680	
1/30/21	0.0650	0.0600	0.0570	0.0570	0.0590	0.0660	0.0660	
1/31/21	0.0640	0.0590	0.0570	0.0560	0.0590	0.0660	0.0660	
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 daily turbidity readings $\leq$ 5 NTU?				Yes		Yes		
Reservoir segment no longer credited due to closed but available bypass and unreliable level maintenance, closed but available bypass on clearwell is scheduled for removal in the next month or so.				SIGNATURE: <i>Thomas Edwards</i>				
				Printed Name: Thomas Edwards				2/8/21
				PHONE #: (503) 695-2284				CERT #: 258731

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.

OHA - Drinking Water Services - Surface Water Quality Data Form										WTP - : A	
System Name:		Corbett Water District		ID#: 41 00359		Month/Year:		Jan-21		Disinfection Giardia Log Inactiv: 1	

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]	[GPM]	[minutes]	C X T	[ppm or mg/L]	[GPM]	[minutes]	C X T	[° C]		formula			Yes / No
1/1/21	1.21	128	197.4036	238.86	not used				6.56	7.55	60.39	238.86	3.96	YES
1/2/21	1.32	138.2	195.80934	258.47					6.92	7.45	57.57	258.47	4.49	YES
1/3/21	1.21	133.2	196.59084	237.87					7.11	7.41	55.32	237.87	4.30	YES
1/4/21	1.34	127.6	197.46612	264.60					7.23	7.54	58.37	264.60	4.53	YES
1/5/21	1.15	140.9	195.38733	224.70					7.28	7.59	57.94	224.70	3.88	YES
1/6/21	1.14	144.2	194.87154	222.15					7.14	7.54	57.38	222.15	3.87	YES
1/7/21	1.28	138.7	195.73119	250.54					7.21	7.53	57.84	250.54	4.33	YES
1/8/21		154.7							6.83	7.30	47.18			
1/9/21	1.25	143.2	195.02784	243.78					6.51	7.61	62.21	243.78	3.92	YES
1/10/21	1.22	146.2	194.55894	237.36					6.17	7.57	62.53	237.36	3.80	YES
1/11/21	1.36	142.1	195.19977	265.47					6.50	7.55	61.70	265.47	4.30	YES
1/12/21	1.18	142.3	195.16851	230.30					6.85	7.55	59.01	230.30	3.90	YES
1/13/21	1.28	141.2	195.34044	250.04					7.64	7.46	54.79	250.04	4.56	YES
1/14/21	1.18	141.2	195.34044	230.50					7.63	7.58	56.58	230.50	4.07	YES
1/15/21	1.21	142.3	195.16851	236.15					7.15	7.56	58.23	236.15	4.06	YES
1/16/21	1.23	141.9	195.23103	240.13					7.19	7.55	58.00	240.13	4.14	YES
1/17/21	1.2	144.7	194.79339	233.75					6.93	7.54	58.61	233.75	3.99	YES
1/18/21	1.2	149.1	194.10567	232.93					6.98	7.51	57.79	232.93	4.03	YES
1/19/21	1.29	159.4	192.49578	248.32					6.50	7.47	59.46	248.32	4.18	YES
1/20/21		152.1							5.94	7.59	55.53			
1/21/21	1.28	157.9	192.73023	246.69					6.06	7.71	66.76	246.69	3.70	YES
1/22/21	1.25	155.9	193.04283	241.30					6.45	7.70	64.54	241.30	3.74	YES
1/23/21	1.18	151.2	193.77744	228.66					6.16	7.56	62.06	228.66	3.68	YES
1/24/21	1.3	153.8	193.37106	251.38					5.63	7.52	64.31	251.38	3.91	YES
1/25/21	1.12	128.9	197.26293	220.93					5.40	7.48	63.04	220.93	3.50	YES
1/26/21	1.24	120.3	198.60711	246.27					5.03	7.41	63.92	246.27	3.85	YES
1/27/21	1.26	147.5	194.35575	244.89					4.72	7.37	64.49	244.89	3.80	YES
1/28/21	1.12	151.4	193.74618	217.00					4.93	7.39	63.00	217.00	3.44	YES
1/29/21	1.22	153.8	193.37106	235.91					5.37	7.47	63.68	235.91	3.70	YES
1/30/21	1.23	148.3	194.23071	238.90					5.62	7.44	62.00	238.90	3.85	YES
1/31/21	1.23	156.4	192.96468	237.35					5.87	7.47	61.62	237.35	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.