OHA - DWS

	Filter Mont	ROW RIV	ER WTP			Feb-2024	
	SID#: 41 -	00236	Minimum test pre	ssure applied re	q'd: _	<u>27.18 psi </u>	<u>27.0</u> psi
Plant	ID: WTP -	В	(e.g., "A")				
		DIT =	Direct Integrity Test on fil	ter(s) [Yes, No, or	DIT		
		PDI	R = Pressure Decay Rate	PDR _{Max} [^{psi} / _{min}]	L	.RC [log removal] 4.00	Daily
		LI	RC = Log Removal Credit	0.300		4.00	
	CFE Daily	Highest	Highest IFE [NTU]				[Y/N] or
Day	Turbidity	CFE*	(>15 min duration)	Highest PDR		owest LRV _{ambient}	"off"
	[NTU]	[NTU]	(~15 min duration)	of day [^{psi} / _{min}]	of	day [log removal]	
1	0.015		0.015	0.17		5.00	Y
2	0.015		0.015	0.16		5.03	Y
3	0.014		0.015	0.18		4.98	Y
4	0.016		0.016	0.17		5.04	Y
5	0.015		0.015	0.17		5.04	Y
6	0.016		0.016	0.17		5.02	Y
7	0.015		0.015	0.17		5.00	Y
8	0.015		0.015	0.18		5.14	Y
9	0.014		0.014	0.17		4.98	Y
10	0.016		0.016	0.16	-	5.01	Y
11	0.014		0.014	0.19		5.06	Y
12	0.014		0.014	0.18		5.01	Y
13	0.016		0.016	0.19		4.95	Y
14	0.016		0.016	0.18		5.00	Y
15	0.019		0.019	0.18		5.02	Y
16	0.014		0.014	0.20		5.04	Y
17	0.017		0.017	0.19		5.05	Y
18	0.015		0.015	0.16		5.09	Y
19	0.015		0.015	0.16	1	5.09	Y
20	0.014		0.014	0.16		5.09	Y
21	0.016		0.016	0.16		5.07	Y
22	0.015		0.015	0.18		5.15	Y
23	0.016		0.016	0.17		5.08	Y
24	0.015		0.015	0.18		5.14	Y
25	0.015	-	0.015	0.18		5.09	Y
26	0.015		0.015	0.17	-	5.08	Y
27	0.015		0.015	0.17		5.15	Y
28	0.015		0.015	0.17		5.07	Y
29	0.016		0.016	0.19		5.03	Y
30							Y
31			to a sumplete sure bla	al fields)	N.C. MAR		T
omplian	ce summary	operator	to complete any bla		1.4		
95% of c	aily turbidity	All turbi	dity readings $\leq 5 \text{ NTU}$?	All IFE turbic		Performance std met	PIT
readings \leq 1 NTU? [Y/N]			[Y/N]	readings ≤ 0			Daily
				NTU? [Y/N	4]	(PDR ≤ PDR _{Max} , LRV ≥ LRC	
Yes			Yes	Yes		Yes	Yes
	CT's met daily? (p. 2)		esidual at EP ≥ 0.2 ^{mg} / _L ?		Max ?	LRV _{ambient} ≥ LR	Ur
and the second se	Yes		Yes	Yes	-	Yes	-
RINTED		Ryan Ki	mball		ATE		
GNATUR	E: Ent	-			WT CERT #: T-88288		
lotes:	/			PHO	NE #:	514942709	4

Revised 7/31/2023

OHA-DWS

Disinfection Monthly Operating Report

System Nam	e: ROW	RIVER	WTP

PWS ID#: 41 - 00236

Plant ID: WTP - B

Day	Minimum Cl ₂ Residual at 1 st User (C) * [^{mg} / _L = ppm]	Contact Time (T) [minutes]	Actual CT C x T (Formula)	Temp [° C]	рН	Required CT (Formula)	CT Met? * [Yes / No] (Formula)	Peak Hourly Demand Flow [GPM]	Notes (e.g. "Plant Off")
1	0.740	140	103.6	9.9	7.77	24.7	YES	871	
2	0.740	140	103.6	10.0	7.70	23.9	YES	856	
3	0.740	140	103.6	9.6	7.72	24.8	YES	1,023	
4	0.720	140	100.8	9.7	7.71	24.5	YES	954	
5	0.720	140	100.8	9.7	7.70	24.4	YES	806	
6	0.730	140	102.2	9.7	7.64	23.9	YES	803	
7	0.730	140	102.2	9.7	7.67	24.2	YES	798	
8	0.730	140	102.2	9.6	7.74	25.0	YES	785	
9	0.740	140	103.6	9.5	7.75	25.2	YES	1,449	
10	0.730	140	102.2	9.0	7.78	26.3	YES	981	
11	0.740	140	103.6	9.6	7.80	25.6	YES	973	
12	0.740	140	103.6	9.5	7.81	25.8	YES	834	
13	0.740	140	103.6	9.4	7.84	26.3	YES	818	
14	0.750	140	105.0	9.1	7.85	26.8	YES	783	
15	0.740	140	103.6	9.1	7.86	26.9	YES	805	
16	0.740	140	103.6	9.1	7.86	26.9	YES	857	
17	0.730	140	102.2	8.9	7.85	27.1	YES	963	
18	0.730	140	102.2	9.1	7.86	26.9	YES	972	
19	0.710	140	99.4	9.2	7.87	26.8	YES	908	
20	0.740	140	103.6	9.3	7.86	26.5	YES	850	
21	0.750	140	105.0	9.5	7.87	26.3	YES	819	
22	0.740	140	103.6	9.5	7.89	26.5	YES	845	
23	0.740	140	103.6	9.7	7.88		YES	853	
24	0.740	140	103.6	9.4	7.86		YES	944	
25	0.750	140	105.0	9.5	7.83		YES	982	
26	0.740	140	103.6	9.8	7.80		YES	886	
27	0.760	140	106.4	9.7	7.82		YES	815	
28	0.750	140	105.0	9.7	7.81		YES	786	
29	0.740	140	103.6	9.3	7.81	26.0	YES	796	
30		140							
31		140							

* If chlorine concentration at entry point < 0.2 ^{mg}/_L, or CT not met, notify DWS within 24 hours.

Submit this monthly report by the 10th of following month by

mail: Drinking Water Services PO Box 14350 Portland, OR 97293-0350 email: <u>dwp.dmce@odhsoha.oregon.gov</u> fax: 971-673-0458

p. 2 of 2

🗢 Log

Inactivation

Required via Disinfection

0.5

Slow Sand, M	Membrane,	Diatomace	es - Surra ous Earth	Filtration.	uality Data F or Unfiltered	orm Svstems	County : Month/Year :	Lane FEB / 2024
stem Name:	Cotta	ge Grove, C	City of		4100236	. ejeteme	WTP-:	WTP - B
Date	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the day ¹ [NT	
1	OFF	OFF	0.013	0.014	0.015	OFF	0.01	5
2	OFF	OFF	0.015	0.014	0.013	OFF	0.01	
3	OFF	OFF	0.014	0.014	0.014	OFF	0.01	
4	OFF	OFF	0.016	0.013	0.013	OFF	0.01	
5	OFF	OFF	0.013	0.014	0.013	OFF	0.01	
6	OFF	OFF	0.012	0.013	0.014	OFF	0.01	
7	OFF	OFF	0.015	0.014	0.013	OFF	0.01	
8	OFF	OFF	0.014	0.013	0.013	OFF	0.01	
9	OFF	OFF	0.013	0.014	0.013	OFF	0.01	
10	OFF	OFF	0.016	0.014	0.013	OFF	0.01	1
11	OFF	OFF	0.014	0.014	0.014	OFF	0.01	
12	OFF	OFF	0.014	0.014	0.013	OFF	0.01	
13	OFF	OFF	0.016	0.013	0.014	OFF	0.014	
14	OFF	OFF	0.016	0.013	0.013	OFF	0.016	
15	OFF	OFF	0.015	0.015	0.013	OFF	0.019	
16	OFF	OFF	0.014	0.013	0.013	OFF	0.014	
17	OFF	OFF	0.017	0.012	0.013	OFF	0.017	
18	OFF	OFF	0.012	0.013	0.014	OFF	0.015	
19	OFF	OFF	0.014	0.015	0.015	OFF	0.015	
20	OFF	OFF	0.014	0.014	0.013	OFF	0.014	
21	OFF	OFF	0.014	0.016	0.013	OFF	0.016	
22	OFF	OFF	0.014	0.014	0.014	OFF	0.018	
23	OFF	OFF	0.016	0.012	0.013	OFF	0.015	
24	OFF	OFF	0.013	0.014	0.014	OFF	0.01	
25	OFF	OFF	0.013	0.013	0.014	OFF	0.01	
26	OFF	OFF	0.015	0.014	0.014	OFF	0.01	
27	OFF	OFF	0.014	0.014	0.015	OFF	0.01	
28	OFF	OFF	0.013	0.014	0.015	OFF	0.01	
29	OFF	OFF	0.014	0.016	0.014	OFF	0.01	
Slow Sand	I / Membrane	e / DE Filtra	tion / Unfilt	ered		Monthly S	ummary (Answer Yes or	No)
95% of daily turbidity readings $\leq 1 \text{ NTU}$? Yes / No All daily turbidity readings $\leq 5 \text{ NTU}$? Yes / No					CT's met everyday? (see back)		All Cl2 residual at entry point ≥ 0.2 mg/l?	
otes: 87/87=100	-			2.110			0	
						ME: Ryan Kin	10	
					SIGNATURE: Marto			DATE: Mar. 4, 20

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. PAGE 1 of 2

ystem I		ottage Grove			4100236	Quality Data F Month/Year:	FEB / 2024	WTP- : Disinfection <i>Giardia</i> Log Inactivation:	WTP - B 0.5
Date	Time	Minimum Cl ₂ Residual at 1st User (C) ³	Contact Time (T)	Actual CT	Temp	рН	Required CT	CT Met? ³	Peak Hourly ⁴ Demand Flow (Maximum Allowabl Equals 3850 GPM)
		[ppm or mg/L	[minutes]	СХТ	[° C]		formula	Yes / No	[GPM]
1	1000	0.74	140	104	9.9	7.77	25	Yes	871
2	1100	0.74	140	104	10.0	7.70	24	Yes	856
3	1000	0.74	140	104	9.6	7.72	25	Yes	1023
4	1000	0.72	140	101	9.7	7.71	24	Yes	954
5	1000	0.72	140	101	9.7	7.70	24	Yes	806
6	1800	0.73	140	102	9.7	7.64	24	Yes	803
7	1000	0.73	140	102	9.7	7.67	24	Yes	798
8	1000	0.73	140	102	9.6	7.74	25	Yes	785
9	1000	0.74	140	104	9.5	7.75	25	Yes	1449
10	1000	0.73	140	102	9.0	7.78	26	Yes	981
11	1000	0.74	140	104	9.6	7.80	26	Yes	973
12	1000	0.74	140	104	9.5	7.81	26	Yes	834
13	1700	0.74	140	104	9.4	7.84	26	Yes	818
14	1000	0.75	140	105	9.1	7.85	27	Yes	783
15	1000	0.74	140	104	9.1	7.86	27	Yes	805
16	1400	0.74	140	104	9.1	7.86	27	Yes	857
17	1000	0.73	140	102	8.9	7.85	27	Yes	963
18	1000	0.73	140	102	9.1	7.86	27	Yes	972
19	1000	0.71	140	99	9.2	7.87	27	Yes	908
20	1800	0.74	140	104	9.3	7.86	27	Yes	850
21	1900	0.75	140	105	9.5	7.87	26	Yes	819
22	1000	0.74	140	104	9.5	7.89	26	Yes	845
23	1100	0.74	140	104	9.7	7.88	26	Yes	853
24	1000	0.74	140	104	9.4	7.86	26	Yes	944
25	1000	0.75	140	105	9.5	7.83	26	Yes	982
26	1000	0.74	140	104	9.8	7.80	25	Yes	886
27	2000	0.76	140	106	9.7	7.82	26	Yes	815
28	1900	0.75	140	105	9.7	7.81	25	Yes	786
29	1000	0.74	140	104	9.3	7.81	26	Yes	796

³ If Cl2 at entry point < 0.2 mg/l or CT not met, DWS to be notified by end of next business day. "CUSTOM FORM REV OCTOBER 2017" ⁴ If the Peak Hourly Demand Flow exceeds the Maximum Allowable GPM approved value a new Tracer Study is required to be completed. NOTES: An OHA / DWS Circuit Rider Program approved Tracer Study was completed August 3, 2017 by HECO Engineering. A Maximum Allowable Peak Hourly Demand Flow of 3500 GPM x 110% = 3850 GPM was approved as a result of the Tracer Study.

PAGE 2 of 2