

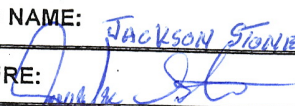
Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: April 2021

DAY	12 AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Highest Reading (NTU)	Peak Hourly Flow (GPM)
1				.118			.118	200
2				.113			.113	200
3				.133			.133	200
4				.169			.169	200
5				.146			.146	200
6				.141			.141	200
7				.138			.138	200
8				.121			.121	200
9				.116			.116	200
10				.119			.119	200
11				.144			.144	200
12				.141			.141	200
13				.133			.133	200
14				.162			.162	200
15				.156			.156	200
16				.128			.128	200
17				.133			.133	200
18				.148			.148	200
19				.142			.142	200
20				.137			.137	200
21				.149			.149	200
22				.144			.144	200
23				.139			.139	200
24				.153			.153	200
25				.206			.206	200
26				.194			.194	200
27				.181			.181	200
28				.209			.209	200
29				.277			.277	200
30				.433			.433	200
31								200

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)		
95% of turbidity readings \leq 0.3 NTU? Yes / No	CT's met everyday? (see back) Yes / No	All Cl ₂ residual at entry point \geq 0.2 mg/l? Yes / No	Cl ₂ residual measured in 95% of distribution samples? Yes / No
All turbidity readings < 1 NTU? Yes / No			
All turbidity readings < IFE triggers? Yes / No ¹			
- OR -	PRINTED NAME: JACKSON STONE		
Slow Sand/Cartridge/Membrane/DE Filtration	SIGNATURE: 		DATE: 5-7-2021
95% of turbidity readings \leq 1 NTU? Yes / No	PHONE #: (541) 554-8660 call 782-3983 OFFICE		CERT #: D08839 / 09840
All turbidity readings < 5 NTU? Yes / No			

¹ IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF ID #: OR4100939 WTP-: WTP-A Month/Year: April 2021

Date / Time	Minimum Cl ₂ Residual at 1 st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		Use tables	Yes / No	[GPM]
1 /	0.8	385	308	11.0	6.84	24	Yes	200
2 /	0.7	385	269	12.0	6.56	24	Yes	200
3 /	0.7	385	269	11.0	6.53	24	Yes	200
4 /	0.7	385	269	11.0	6.89	24	Yes	200
5 /	0.7	385	269	10.0	6.84	36	Yes	200
6 /	0.7	385	269	11.0	6.79	24	Yes	200
7 /	0.6	385	231	11.0	6.77	24	Yes	200
8 /	0.7	385	269	11.0	6.72	24	Yes	200
9 /	0.6	385	231	12.0	7.11	29	Yes	200
10 /	0.7	385	269	11.0	6.80	24	Yes	200
11 /	0.7	385	269	11.0	6.87	24	Yes	200
12 /	0.6	385	231	12.0	6.78	24	Yes	200
13 /	0.6	385	231	12.0	6.84	24	Yes	200
14 /	0.7	385	269	12.0	6.82	24	Yes	200
15 /	0.7	385	269	12.0	6.84	24	Yes	200
16 /	0.6	385	231	13.0	6.38	20	Yes	200
17 /	0.7	385	269	13.0	7.09	29	Yes	200
18 /	0.8	385	308	12.0	6.81	24	Yes	200
19 /	0.7	385	269	13.0	6.60	24	Yes	200
20 /	0.6	385	231	13.0	6.66	24	Yes	200
21 /	0.8	385	308	14.0	7.21	29	Yes	200
22 /	0.8	385	308	15.0	6.59	24	Yes	200
23 /	0.8	385	308	15.0	6.64	24	Yes	200
24 /	0.8	385	308	15.0	6.89	24	Yes	200
25 /	0.7	385	269	14.0	6.91	24	Yes	200
26 /	0.6	385	231	13.0	6.85	24	Yes	200
27 /	0.7	385	269	14.0	6.81	24	Yes	200
28 /	0.7	385	269	14.0	6.76	24	Yes	200
29 /	0.7	385	269	15.0	6.68	24	Yes	200
30 /	0.8	385	308	16.0	6.73	18	Yes	200
31 /		385						200

³ If Cl₂ at entry point < 0.2 mg/l OR CT not met, notify DWP by end of next business day.

Download form at: www.public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-alt-unfiltered.pdf

TURBIDITY						
DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	23850000	.568	.131	.111	.110	
2	23872800	.537	.119	.110	.100	
3	23896100	.547	.157	.110	.100	
4	23930300	.539	.145	.125	.110	
5	23944100	.608	.124	.129	.100	
6	23979300	.567	.131	.124	.120	
7	24003300	.552	.133	.127	.130	
8	24025900	.571	.121	.116	.140	
9	24052500	.540	.114	.109	.130	
10	24082600	.393	.132	.108	.100	
11	24103000	.418	.131	.114	.100	
12	24135200	.411	.127	.116	.160	
13	24159800	.404	.129	.121	.140	
14	24182500	.434	.154	.110	.150	
15	24214700	.421	.150	.118	.160	
16	24241400	.429	.121	.113	.130	
17	24283500	.438	.130	.126	.170	
18	24308800	.350	.147	.128	.140	
19	24347300	.460	.144	.114	.150	
20	24387400	.381	.139	.111	.130	
21	24409900	.408	.147	.121	.130	
22	24439900	.421	.141	.136	.140	
23	24483100	.411	.139	.128	.150	
24	24506600	.364	.143	.119	.150	
25	24535500	.377	.138	.161	.120	
26	24547200	.428	.144	.168	.160	
27	24596600	.397	.136	.154	.160	
28	24619300	.439	.144	.143	.170	
29	24646000	.488	.159	.129	.210	
30	24694400	.531	.170	.116	.190	
31						

Turbidity Totals: Raw 13.772 Filt 1 4.14 Filt 2 3.715
 Averages: Raw .459 Filt 1 .138 Filt 2 .124

Turbidity High: Raw .608 Filt 1 .170 Filt 2 .168
 Ranges Low: Raw .350 Filt 1 .114 Filt 2 .108

Production

Meter Reading End of This Month: 24,694,400
 Meter Reading End of Last Month: 23,827,100
 Monthly Production: 867,300 gallons
 Average Daily Production: 28,910 gallons/day

Water System CITY OF WESTFIR

Date April 2021

Water Supt. JACKSON STONE

Source of Water W/L WILLAMETTE RIVER

No. of Services 131

Population Served 250

Chlorine Product Used Sodium Hypochlorite Strength as Fed 12.5%

Make & Type of Chlorinator CHLORFIED C630-P

024100939

Day of Month	Master Meter Reading Gallons	Daily Water Production	Chlorine Used Gallons	FREE CHLORINE RESIDUAL TEST					REMARKS Shown below, by date, any unusual occurrences affecting chlorination or operation of the water system; also addresses of random points.
				Test Method					
				1. Contact Chamber _____					
				2. _____					
				3. _____					
				4. _____					
				5. Random Point *NOTE 1ST SERVICE					
				SP#1	SP#2	SP#3	SP#4	SP#5	
				ppm	ppm	ppm	ppm	ppm	
1	23850000	22,900	.24	1.0	0.6	0.6	0.7	0.8	
2	23872800	22,800	.24	1.0	0.7	0.6	0.6	0.7	
3	23896100	23,300	.24	0.9	0.6	0.5	0.6	0.7	
4	23930300	34,200	.12	0.9	0.7	0.5	0.6	0.7	
5	23944100	13,800	.36	0.8	0.7	0.4	0.6	0.7	
6	23979300	35,200	.24	0.9	0.6	0.4	0.5	0.7	
7	24003300	24,000	.24	0.9	0.5	0.5	0.7	0.6	
8	24026900	22,600	.24	1.0	0.5	0.6	0.6	0.7	
9	24052500	26,600	.36	1.1	0.6	0.7	0.6	0.6	
10	24082600	30,100	.24	1.0	0.6	0.6	0.6	0.7	
11	24103000	20,400	.36	0.9	0.6	0.5	0.6	0.7	
12	24135200	32,200	.36	0.9	0.6	0.5	0.6	0.6	
13	24154800	24,600	.36	0.8	0.6	0.5	0.5	0.6	
14	24182500	22,700	.36	1.0	0.6	0.5	0.6	0.7	
15	24214700	32,200	.24	1.0	0.5	0.6	0.6	0.7	
16	24241400	26,700	.48	0.9	0.5	0.6	0.6	0.6	
17	24283500	42,100	.24	0.9	0.6	0.5	0.6	0.7	
18	24308800	25,300	.36	0.9	0.6	0.5	0.6	0.8	
19	24347300	38,500	.48	0.9	0.6	0.5	0.6	0.7	
20	24387400	40,100	.36	0.9	0.5	0.5	0.6	0.6	
21	24409900	22,500	.36	1.0	0.5	0.6	0.7	0.8	
22	24439900	30,000	.36	1.1	0.6	0.5	0.7	0.8	
23	24483100	43,200	.36	1.0	0.6	0.6	0.8	0.8	
24	24506600	23,500	.24	1.0	0.6	0.6	0.7	0.8	
25	24533500	26,900	.24	1.0	0.7	0.5	0.6	0.7	
26	24547200	13,700	.60	1.0	0.7	0.6	0.7	0.6	
27	24596600	49,400	.24	1.0	0.7	0.6	0.6	0.7	
28	24619300	22,700	.36	0.9	0.7	0.7	0.8	0.7	
29	24646000	29,700	.36	1.1	0.6	0.6	0.7	0.7	
30	24694400	49,400	.24	1.0	0.7	0.7	0.7	0.8	
31									

0.9 Total Rain Fall