

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir ID #: 41 00939 Month/Year: December 2022

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				.139			.139	200
2				.134			.134	200
3				.171			.171	200
4				.197			.197	200
5				.110			.110	200
6				.128			.128	200
7				.162			.162	200
8				.141			.141	200
9				.132			.132	200
10				.124			.124	200
11				.156			.156	200
12				.142			.142	200
13				.120			.120	200
14				.126			.126	200
15				.095			.095	200
16				.105			.105	200
17				.141			.141	200
18				.258			.258	200
19				.222			.222	200
20				.088			.088	200
21				.165			.165	200
22				.187			.187	200
23				.150			.150	200
24				.235			.235	200
25				.253			.253	200
26				.157			.157	200
27				.245			.245	200
28				.188			.188	200
29				.177			.177	200
30				.185			.185	200
31				.164			.164	200

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)		
95% of turbidity readings ≤ 0.3 NTU? <input type="checkbox"/> Yes / <input type="checkbox"/> No	CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	Cl ₂ residual measured in 95% of distribution samples? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
All turbidity readings < 1 NTU? <input type="checkbox"/> Yes / <input type="checkbox"/> No			
All turbidity readings < IFE triggers? <input type="checkbox"/> Yes / <input type="checkbox"/> No			
- OR -	PRINTED NAME: <u>JACKSON, STONE</u>		
Slow Sand/Cartridge/Membrane/DE Filtration	SIGNATURE: <u>[Signature]</u>	DATE: <u>1-5-2023</u>	
95% of turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	PHONE #: <u>(541) 554-8660</u> cell	CERT #: <u>D08839</u>	
All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	<u>162-3983</u> OFFICE	<u>109840</u>	

IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF ID #: OR4100939 WTP-: WTP-A Month/Year: December 2022

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/	0.7	385	269	8	6.93	36	yes	200
2/	0.7	385	269	8	6.94	36	yes	200
3/	0.5	385	192	7	6.91	35	yes	200
4/	0.7	385	269	8	6.96	36	yes	200
5/	0.7	385	269	7	6.97	36	yes	200
6/	0.7	385	269	7	6.96	36	yes	200
7/	0.7	385	269	8	6.85	37	yes	200
8/	0.8	385	308	8	6.94	37	yes	200
9/	0.6	385	231	7	6.97	36	yes	200
10/	0.5	385	192	7	7.01	42	yes	200
11/	0.4	385	154	7	7.01	42	yes	200
12/	0.7	385	269	7	7.04	43	yes	200
13/	0.7	385	269	8	7.09	43	yes	200
14/	0.8	385	308	7	7.02	44	yes	200
15/	0.7	385	269	7	7.02	43	yes	200
16/	0.7	385	269	7	7.04	43	yes	200
17/	0.8	385	308	6	7.39	44	yes	200
18/	0.6	385	231	7	7.01	43	yes	200
19/	0.6	385	231	6	6.96	36	yes	200
20/	0.7	385	269	6	6.89	36	yes	200
21/	0.8	385	308	6	6.86	37	yes	200
22/	0.7	385	269	6	6.84	36	yes	200
23/	0.7	385	269	6	7.07	43	yes	200
24/	0.6	385	231	6	6.98	36	yes	200
25/	0.7	385	269	6	6.93	36	yes	200
26/	0.7	385	269	7	6.93	36	yes	200
27/	0.8	385	308	8	6.77	37	yes	200
28/	0.8	385	308	8	6.87	37	yes	200
29/	0.8	385	308	8	6.86	37	yes	200
30/	0.8	385	308	7	6.84	37	yes	200
31/	0.6	385	231	7	7.02	43	yes	200

³If 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	47922600	2.37	.100	.101	.060	
2	47961000	1.22	.076	.168	.040	
3	47990900	.873	.089	.175	.030	
4	48010100	.704	.110	.161	.190	
5	48050100	.637	.111	.165	.350	
6	48080800	.669	.085	.162	.260	
7	48114700	.569	.103	.134	.060	
8	48144400	.443	.124	.122	.040	
9	48170100	.435	.093	.141	.170	
10	48198900	.817	.095	.138	.280	
11	48229800	1.25	.080	.120	.230	
12	48258000	1.05	.130	.134	.100	
13	48293800	.874	.105	.154	.030	
14	48320000	.739	.120	.134	.080	
15	48350100	.610	.091	.142	.040	
16	48379100	.467	.111	.117	.030	
17	48405900	.742	.067	.129	.020	
18	48437200	.412	.097	.145	.030	
19	48465500	.401	.084	.257	.030	
20	48499400	.321	.146	.106	.020	
21	48528700	2.09	.241	.133	.130	
22	48559200	1.06	.147	.136	.090	
23	48589100	1.03	.112	.119	.110	
24	48620200	1.31	.115	.158	.120	
25	48652400	3.80	.238	.149	.050	
26	48677900	1.64	.257	.213	.120	
27	48709000	3.03	.464	.264	.170	
28	48739300	2.94	.127	.235	.080	
29	48769200	2.29	.130	.221	.110	
30	48798300	4.26	.329	.329	.130	
31	48829400	3.64	.252	.252	.260	

Turbidity Totals: Raw 42.70 Filt 1 4.43 Filt 2 5.17
 Averages: 1.38 .142 .167

Turbidity High: 4.26 .464 .329
 Ranges Low: .321 .067 .106

Production

Meter Reading End of This Month: 48829400
 Meter Reading End of Last Month: 47922600

Monthly Production: 906,800 gallons
 Average Daily Production: 29,252 gallons/day

Water System City of Westford

Date December 2022

Water Supt. JACKSON STONE

Source of Water N/E W. Hamletts river

No. of Services 131

Population Served 250

Chlorine Product Used Sodium Hypochlorite Strength as Fed 12.5%

Make & Type of Chlorinator Chem Feed - CB30-P

OF # 4100939

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					
				SP#1	SP #2	SP #3	SP #4	SP #5	
				ppm	ppm	ppm	ppm	ppm	
1	4792200	30600	.60	1.0	0.6	0.5	0.5	0.7	
2	47961000	38400	.60	1.0	0.7	0.5	0.4	0.7	
3	47990700	29700	.48	0.7	0.6	0.4	0.4	0.5	
4	48016100	25700	.60	1.1	0.6	0.4	0.4	0.7	
5	48050100	34000	.48	1.1	0.6	0.5	0.4	0.7	
6	48080800	30700	.48	1.0	0.6	0.5	0.4	0.7	
7	48114700	33900	.60	1.2	0.6	0.4	0.5	0.7	
8	48144400	29700	.60	1.1	0.6	0.5	0.5	0.8	
9	48170100	25700	.36	1.2	0.5	0.4	0.4	0.6	
10	48198500	28400	.48	1.1	0.5	0.5	0.5	0.5	
11	48229800	31300	.36	1.3	0.6	0.4	0.4	0.4	
12	48258000	28200	.60	1.0	0.7	0.5	0.5	0.7	
13	48293800	35800	.60	1.1	0.7	0.5	0.4	0.7	
14	48320000	26200	.48	1.0	0.7	0.5	0.5	0.8	
15	48350100	30100	.48	1.0	0.6	0.5	0.5	0.7	
16	48379100	29000	.48	1.0	0.5	0.4	0.4	0.7	
17	48405900	26800	.48	1.5	0.5	0.4	0.5	0.8	
18	48437200	31300	.48	0.9	0.5	0.4	0.5	0.6	
19	48465500	28300	.48	0.9	0.6	0.4	0.6	0.6	
20	48499400	32900	.48	1.0	0.6	0.5	0.6	0.7	
21	48528700	29300	.48	1.0	0.6	0.5	0.5	0.8	
22	48559200	30500	.60	0.9	0.7	0.5	0.5	0.7	
23	48589100	29900	.48	0.8	0.7	0.4	0.6	0.7	
24	48620200	31100	.48	0.9	0.7	0.5	0.7	0.6	
25	48652400	32200	.60	0.9	0.6	0.4	0.7	0.7	
26	48677900	25500	.36	0.9	0.7	0.5	0.8	0.7	
27	48709000	31100	.36	0.9	0.7	0.5	0.6	0.8	
28	48739300	30300	.48	0.9	0.7	0.5	0.6	0.8	
29	48769200	29900	.48	1.0	0.7	0.5	0.6	0.8	
30	48798300	29100	.48	0.9	0.7	0.6	0.6	0.8	
31	48829400	31100	.48	0.9	0.5	0.5	0.7	0.6	