Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir **ID #:** 41 00939 **Month/Year:** MARCH 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				.202			.202	200
2				.181			.181	200
3				.177			.177	200
4				.172			.172	200
5				.183			.183	200
6				.195			.195	200
7				.160			.160	200
8				.129			.129	200
9				.137			.137	200
10				.141			.141	200
11				.135			.135	200
12				.127			.127	200
13				.180			.180	200
14				.148			.148	200
15				.144			.144	200
16				.139			.139	200
17				.146			.146	200
18				.139			.139	200
19				.131			.131	200
20				.155			.155	200
21				.230			.230	200
22				.158			.158	200
23				.139			.139	200
24				.146			.146	200
25				.138			.138	200
26				.133			.133	200
27				.124			.124	200
28				.125			.125	200
29				.131			.131	200
30				.136			.136	200
31				.123			.123	200

Conventional or Direct Filtration

95% of turbidity readings ≤ 0.3 NTU? Yes / No
All turbidity readings < 1 NTU? Yes / No
All turbidity readings < IFE triggers? Yes / No [1]

- OR -

(Slow Sand)/Cartridge/Membrane/DE Filtration

95% of turbidity readings ≤ 1 NTU? (Yes) / No
All turbidity readings < 5 NTU? (Yes) / No

Monthly Summary (Answer Yes or No)

CT's met everyday? (see back)	All Cl_2 residual at entry point ≥ 0.2 mg/l?	Cl_2 residual measured in 95% of distribution samples?
(Yes) / No	(Yes) / No	(Yes) / No

PRINTED NAME: JACKSON STONE

SIGNATURE:

DATE: 4-1-2021

PHONE #: (541) 554-8660 782-3983

CERT #: D08839 T08840

[1] IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

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

Date / Time	Minimum Cl_2 Residual at 1st 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°	6.66	36	YES	200
2 /	0.7	385	269	8°	6.71	36	YES	200
3 /	0.7	385	269	8°	6.76	36	YES	200
4 /	0.7	385	269	8°	7.07	43	YES	200
5 /	0.7	385	269	8°	7.31	43	YES	200
6 /	0.7	385	269	8°	6.59	36	YES	200
7 /	0.7	385	269	8°	6.57	36	YES	200
8 /	0.7	385	269	8°	6.76	36	YES	200
9 /	0.8	385	308	8°	6.84	37	YES	200
10 /	0.7	385	269	8°	6.95	36	YES	200
11 /	0.7	385	269	8°	6.91	36	YES	200
12 /	0.8	385	308	9°	6.74	37	YES	200
13 /	0.8	385	308	8°	6.65	37	YES	200
14 /	0.8	385	308	8°	6.61	37	YES	200
15 /	0.8	385	308	9°	6.63	37	YES	200
16 /	0.8	385	308	9°	6.68	37	YES	200
17 /	0.7	385	269	9°	6.73	36	YES	200
18 /	0.7	385	269	9°	6.75	36	YES	200
19 /	0.7	385	269	8°	6.78	36	YES	200
20 /	0.7	385	269	9°	6.81	36	YES	200
21 /	0.7	385	269	9°	6.78	36	YES	200
22 /	0.8	385	308	8°	7.18	44	YES	200
23 /	0.8	385	308	10°	7.25	44	YES	200
24 /	0.8	385	308	10°	6.64	37	YES	200
25 /	0.8	385	308	9°	6.84	37	YES	200
26 /	0.7	385	269	10°	6.89	36	YES	200
27 /	0.7	385	269	10°	6.83	36	YES	200
28 /	0.7	385	269	10°	6.79	36	YES	200
29 /	0.6	385	231	10°	6.83	36	YES	200
30 /	0.7	385	269	9°	6.78	36	YES	200
31 /	0.7	385	269	10°	7.01	43	YES	200

[3] If Cl_2 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

Water System CITY OF WESTFIR Date MARCH 2021 Water Supt. JACKSON STONE

Source of Water M/F WILLAMETTE RIVER No. of Services 131 Populstion Served 250

Chlorine Product Used SODIUM HYPOCHLORITE Strength as Fed 12.5 % Make & Type of Chlorinator CHEM FEED C630-P

OR 4100939

Day of Month	Master Meter Reading Gallons	Daily Water Production	Chlorine Used Gallons	FREE CHLORINE RESIDUAL TEST Test Method _____ 1. Contact_Chamber_____ 2._____ 3._____ 4._____ 5._Random Point * NOTE 1ST SERVICE	REMARKS Shown below, by date, any unusual occurrences affecting chlorination or operation of the water system; also addresses of random points.
				SP#1 ppm | SP #2 ppm | SP #3 ppm | SP #4 ppm | SP #5 ppm *	
1	22962900	38,500	.36	0.9 | 0.5 | 0.6 | 0.6 | 0.7	
2	23018600	55,700	.36	0.9 | 0.6 | 0.7 | 0.5 | 0.7	
3	23044100	25,500	.36	0.9 | 0.6 | 0.6 | 0.5 | 0.7	
4	23084700	40,600	.36	0.9 | 0.5 | 0.5 | 0.6 | 0.7	
5	23125600	40,900	.48	0.8 | 0.5 | 0.6 | 0.5 | 0.7	0.5
6	23165800	40,200	.36	0.8 | 0.6 | 0.6 | 0.6 | 0.7	0.1
7	23206600	40,800	.36	0.9 | 0.6 | 0.6 | 0.6 | 0.7	
8	23247600	41,000	.36	1.0 | 0.5 | 0.6 | 0.5 | 0.7	0.1
9	23280700	33,100	.36	1.1 | 0.6 | 0.6 | 0.7 | 0.8	0.3
10	23317300	36,600	.24	1.1 | 0.6 | 0.6 | 0.7 | 0.7	0.2
11	23346200	28,900	.24	0.9 | 0.5 | 0.6 | 0.6 | 0.7	
12	23363700	17,500	.12	0.8 | 0.6 | 0.5 | 0.7 | 0.8	
13	23370500	6,800	.24	0.8 | 0.6 | 0.5 | 0.7 | 0.8	
14	23400900	30,400	.36	0.8 | 0.7 | 0.5 | 0.6 | 0.8	0.4
15	23431400	30,500	.36	1.1 | 0.6 | 0.5 | 0.5 | 0.8	0.1
16	23464600	33,200	.24	1.0 | 0.6 | 0.6 | 0.7 | 0.8	
17	23474300	9,700	.36	0.9 | 0.6 | 0.5 | 0.6 | 0.7	
18	23499100	24,800	.36	1.0 | 0.5 | 0.5 | 0.6 | 0.7	0.2
19	23517100	18,000	.36	0.9 | 0.5 | 0.6 | 0.6 | 0.7	0.3
20	23541300	24,200	.24	0.9 | 0.5 | 0.6 | 0.6 | 0.7	0.3
21	23561700	20,400	.36	0.9 | 0.6 | 0.5 | 0.6 | 0.7	0.7
22	23609300	47,600	.24	0.9 | 0.5 | 0.5 | 0.7 | 0.8	0.3
23	23627000	17,700	.24	1.1 | 0.6 | 0.6 | 0.7 | 0.8	
24	23642100	15,100	.24	1.0 | 0.6 | 0.5 | 0.6 | 0.8	0.3
25	23660800	18,700	.36	0.9 | 0.7 | 0.5 | 0.5 | 0.8	0.1
26	23703800	43,000	.24	1.1 | 0.7 | 0.6 | 0.7 | 0.7	
27	23723100	19,300	.24	1.1 | 0.7 | 0.6 | 0.6 | 0.7	
28	23740800	17,700	.36	1.0 | 0.7 | 0.5 | 0.6 | 0.7	0.3
29	23782200	41,400	.24	1.0 | 0.6 | 0.6 | 0.5 | 0.6	0.1
30	23806200	24,000	.36	0.9 | 0.6 | 0.7 | 0.6 | 0.7	
31	23827100	20,900	.24	1.0 | 0.6 | 0.7 | 0.7 | 0.7	
					4.6" TOTAL RAINFALL

WESTFIR WATER SYSTEM MONTH/YEAR MARCH 2021

TURBIDITY

DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	22962900	1.22	.211	.174	.130	
2	23018600	1.03	.198	.159	.190	
3	23044100	.952	.179	.143	.170	
4	23084700	.874	.165	.120	.140	
5	23125600	.831	.171	.134	.150	
6	23165800	.815	.147	.125	.130	
7	23206600	.769	.162	.132	.160	
8	23247600	.701	.148	.121	.160	
9	23280700	.612	.124	.102	.140	
10	23317300	.653	.131	.118	.120	
11	23346200	.641	.128	.121	.130	
12	23363700	.649	.139	.115	.110	
13	23370500	.583	.118	.121	.140	
14	23400900	.660	.150	.154	.120	
15	23431400	.741	.107	.092	.110	
16	23464600	.729	.111	.099	.100	
17	23474300	.701	.116	.103	.110	
18	23499100	.648	.123	.118	.110	
19	23517100	.661	.131	.122	.120	
20	23541300	.461	.167	.114	.140	
21	23561700	.470	.131	.181	.140	
22	23609300	.787	.124	.141	.110	
23	23627000	1.61	.118	.126	.110	
24	23642100	.989	.128	.136	.100	
25	23660800	1.14	.136	.170	.130	
26	23703900	.973	.129	.141	.110	
27	23723100	.965	.168	.144	.100	
28	23740800	.822	.128	.114	.100	
29	23782200	.793	.131	.118	.110	
30	23806200	.646	.141	.113	.140	
31	23827100	.581	.126	.108	.120	

	Raw	Filt 1	Filt 2
Turbidity Totals:	24.707	4.383	3.984
Averages:	.797	.141	.129
Turbidity High:	1.61	.211	.174
Ranges Low:	.461	.107	.092

Production

Meter Reading End of This Month: 23,827,100

Meter Reading End of Last Month: 22,924,400

Monthly Production: 902,700 **gallons**

Average Daily Production: 29,119 **gallons/day**