Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir **ID #:** 41 00939 **Month/Year:** May 2023

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				.294			.294	200
2				.197			.197	200
3				.320			.320	200
4				.787			.787	200
5				.176			.176	200
6				.163			.163	200
7				.179			.179	200
8				.178			.178	200
9				.130			.130	200
10				.181			.181	200
11				.247			.247	200
12				.154			.154	200
13				.352			.352	200
14				.523			.523	200
15				.266			.266	200
16				.189			.189	200
17				.184			.184	200
18				.188			.188	200
19				.155			.155	200
20				.426			.426	200
21				.211			.211	200
22				.270			.270	200
23				.367			.367	200
24				.204			.204	200
25				.304			.304	200
26				.253			.253	200
27				.216			.216	200
28				.541			.541	200
29				.440			.440	200
30				.549			.549	200
31				.228			.228	200

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)		
95% of turbidity readings ≤ 0.3 NTU? Yes / No All turbidity readings < 1 NTU? Yes / No All turbidity readings < IFE triggers? Yes / No [1]	CT's met everyday? (see back) Yes / No	All Cl_2 residual at entry point ≥ 0.2 mg/l? Yes / No	Cl_2 residual measured in 95% of distribution samples? Yes / No
- OR -	PRINTED NAME: Jackson Stone		
Slow Sand/Cartridge/Membrane/DE Filtration	SIGNATURE:	DATE: 6-3-2023	
95% of turbidity readings ≤ 1 NTU? Yes / No All turbidity readings < 5 NTU? Yes / No	PHONE #: (541) 554-8660 Cell 782-3983 office	CERT #: D08839 TO 8840	

[1] IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF **ID #: OR4100939** **WTP-: WTP-A** **Month/Year:** May 2023

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 /	0.6	385		15	6.91	36	yes	200
2 /	0.8	385		14	6.84	37	yes	200
3 /	0.8	385		14	6.81	37	yes	200
4 /	1.0	385		15	6.50	38	yes	200
5 /	0.9	385		15	6.49	37	yes	200
6 /	1.0	385		15	6.77	37	yes	200
7 /	1.1	385		15	6.53	37	yes	200
8 /	0.8	385		14	6.64	37	yes	200
9 /	0.8	385		14	6.60	37	yes	200
10 /	0.8	385		15	6.54	37	yes	200
11 /	0.8	385		14	6.55	37	yes	200
12 /	0.8	385		14	6.48	31	yes	200
13 /	0.8	385		14	6.55	37	yes	200
14 /	1.0	385		14	6.31	37	yes	200
15 /	1.0	385		15	6.58	38	yes	200
16 /	0.9	385		15	6.49	20	yes	200
17 /	0.8	385		20	6.36	15	yes	200
18 /	0.8	385		20	6.41	15	yes	200
19 /	0.8	385		21	6.37	15	yes	200
20 /	0.8	385		20	6.44	15	yes	200
21 /	0.7	385		19	6.63	20	yes	200
22 /	0.8	385		19	7.37	29	yes	200
23 /	0.8	385		19	7.31	29	yes	200
24 /	0.8	385		19	7.31	29	yes	200
25 /	0.8	385		19	7.32	29	yes	200
26 /	0.9	385		18	7.24	29	yes	200
27 /	0.8	385		19	7.31	29	yes	200
28 /	0.8	385		19	6.63	24	yes	200
29 /	0.8	385		19	6.81	24	yes	200
30 /	0.8	385		19	7.16	29	yes	200
31 /	0.8	385		19	7.11	29	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

WESTFIR WATER SYSTEM

MONTH/YEAR May 2023

TURBIDITY

DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	52885100	1.85	.186	.216	.520	
2	52907400	3.64	.174	.219	.380	
3	52946600	1.12	.242	.214	.250	
4	52973100	1.51	.143	.126	.250	
5	53045600	1.06	.146	.174	.210	
6	53069800	1.01	.123	.126	.170	
7	53105300	.880	.113	.242	.170	
8	53138800	.716	.117	.211	.170	
9	53174200	.853	.114	.193	.160	
10	53212900	.751	.147	.132	.180	
11	53254800	.837	.163	.137	.210	
12	53287700	.760	.136	.109	.110	
13	53323900	1.07	.166	.104	.170	
14	53362300	1.10	.165	.136	.430	
15	53408700	1.18	.177	.116	.390	
16	53467800	.990	.179	.132	.420	
17	53495200	.846	.177	.154	.570	
18	53539500	.820	.160	.108	.400	
19	53588500	.802	.172	.129	.330	
20	53656000	.838	.219	.137	1.16	
21	53690500	.902	.156	.131	.230	
22	53737100	.889	.170	.148	.350	
23	53802400	1.30	.215	.158	.470	
24	53839000	.907	.175	.153	.390	
25	53886100	.809	.167	.124	.210	
26	53941100	1.23	.192	.113	.350	
27	54002400	.610	.182	.136	.230	
28	54046200	.549	.172	.120	.360	
29	54129700	.453	.149	.096	.380	
30	54192600	.521	.245	.132	.320	
31	54241100	.625	.209	.113	.180	

	Raw	Filt 1	Filt 2
Turbidity Totals:	31.5	5.24	4.54
Averages:	1.02	.169	.146
Turbidity High:	3.64	.219	.242
Ranges Low:	.453	.113	.096

Production

Meter Reading End of This Month: 54241100

Meter Reading End of Last Month: 52836700

Monthly Production: 1,404,400 **gallons**

Average Daily Production: 45,303 **gallons/day**

Water System City of Westfir Date May 2023 Water Supt. Jackson Stone

Source of Water N/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

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	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	52885100	48400	1.08	1.0 | 0.7 | 0.7 | 0.5 | 0.6	
2	52907400	17300	.60	1.1 | 0.7 | 0.6 | 0.5 | 0.8	
3	52946600	39200	.12	1.0 | 0.6 | 0.6 | 0.5 | 0.8	
4	52973100	26500	.93	1.5 | 0.5 | 0.7 | 0.6 | 1.0	
5	53045600	72500	.84	0.9 | 0.5 | 0.7 | 0.6 | 0.9	
6	53069800	24200	.60	1.1 | 0.8 | 0.7 | 0.5 | 1.0	
7	53105300	35500	.48	1.0 | 0.8 | 0.7 | 0.5 | 1.1	
8	53138800	33500	.48	1.0 | 0.7 | 0.6 | 0.5 | 0.8	
9	53174200	35400	.60	1.0 | 0.8 | 0.6 | 0.5 | 0.8	
10	53212900	38700	.60	1.0 | 0.8 | 0.7 | 0.5 | 0.8	
11	53254800	41900	.72	1.0 | 0.7 | 0.7 | 0.5 | 0.8	
12	53287700	32900	.60	1.1 | 0.7 | 0.6 | 0.7 | 0.8	
13	53323900	36200	.60	1.1 | 0.8 | 0.6 | 0.6 | 0.8	
14	53362300	38400	.60	1.1 | 1.0 | 0.6 | 0.7 | 1.0	
15	53408700	46400	.72	1.2 | 0.9 | 0.6 | 0.6 | 1.0	
16	53467800	59100	.84	1.2 | 0.8 | 0.6 | 0.6 | 0.9	
17	53495200	27400	.36	0.8 | 0.8 | 0.6 | 0.7 | 0.8	
18	53539500	44300	.60	0.8 | 0.8 | 0.7 | 0.8 | 0.8	
19	53588500	49000	.72	1.1 | 0.8 | 0.7 | 0.8 | 0.8	
20	53656000	67500	.84	1.1 | 0.8 | 0.6 | 0.8 | 0.8	
21	53690500	34500	.48	1.1 | 0.8 | 0.6 | 0.9 | 0.7	
22	53737100	46600	.60	1.1 | 0.8 | 0.6 | 0.8 | 0.8	
23	53802400	65300	.84	1.1 | 0.8 | 0.7 | 0.8 | 0.8	
24	53839000	36600	.60	1.0 | 0.8 | 0.7 | 0.7 | 0.8	
25	53886100	47100	.84	1.0 | 0.8 | 0.7 | 0.7 | 0.8	
26	53941100	55000	.72	1.0 | 0.8 | 0.6 | 0.6 | 0.9	
27	54002400	61300	.93	1.1 | 0.8 | 0.6 | 0.6 | 0.8	
28	54066200	63800	.93	1.3 | 0.7 | 0.7 | 0.8 | 0.8	
29	54129700	63500	.72	1.2 | 0.7 | 0.7 | 0.8 | 0.8	
30	54192600	62900	.84	1.2 | 0.7 | 0.7 | 0.7 | 0.8	
31	54241100	48500	.72	1.0 | 0.7 | 0.7 | 0.7 | 0.8	