Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir **ID #:** 41 00939 **Month/Year:** October 2024

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				.117			.117	200
2				.111			.111	200
3				.113			.113	200
4				.111			.109	200
5				.108			.108	200
6				.108			.108	200
7				.108			.108	200
8				.108			.108	200
9				.109			.109	200
10				.109			.109	200
11				.107			.109	200
12				.108			.108	200
13				.107			.107	200
14				.104			.104	200
15				.109			.109	200
16				.111			.111	200
17				.109			.109	200
18				.111			.111	200
19				.113			.113	200
20				.113			.113	200
21				.116			.116	200
22				.117			.117	200
23				.120			.120	200
24				.121			.121	200
25				.126			.126	200
26				.131			.131	200
27				.136			.136	200
28				.139			.139	200
29				.133			.133	200
30				.136			.136	200
31				.138			.138	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

[1] IFE = Individual Filter Effluent

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: Max Baker

SIGNATURE: Max Baker DATE: 11/7/24

PHONE #: (541) 782-3983 office CERT #: 0880 FE

OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF **ID #: OR4100939** **WTP-: WTP-A** **Month/Year:** October 2024

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 /	0.5	385	192	20	7.00	17	Yes	200
2 /	0.5	385	192	20	7.02	21	yes	200
3 /	0.5	385	192	19	7.02	28	yes	200
4 /	0.5	385	192	19	7.00	23	yes	200
5 /	0.5	385	192	19	7.00	23	yes	200
6 /	0.5	385	192	19	7.00	23	yes	200
7 /	0.5	385	192	18	7.02	28	yes	200
8 /	0.5	385	192	18	6.99	23	yes	200
9 /	0.5	385	192	18	7.01	28	yes	200
10 /	0.5	385	192	18	7.00	23	yes	200
11 /	0.5	385	192	18	7.02	28	yes	200
12 /	0.5	385	192	18	7.00	23	yes	200
13 /	0.5	385	192	18	7.02	28	yes	200
14 /	0.5	385	192	18	7.00	23	yes	200
15 /	0.5	385	192	18	7.01	28	yes	200
16 /	0.5	385	192	17	7.03	28	yes	200
17 /	0.5	385	192	17	7.01	28	yes	200
18 /	0.5	385	192	17	7.00	23	yes	200
19 /	0.5	385	192	17	7.00	23	yes	200
20 /	0.5	385	192	17	7.03	28	yes	200
21 /	0.5	385	192	17	7.03	28	yes	200
22 /	0.5	385	192	17	7.01	28	yes	200
23 /	0.5	385	192	16	7.00	23	yes	200
24 /	0.5	385	192	16	6.99	23	yes	200
25 /	0.5	385	192	16	7.01	28	yes	200
26 /	0.5	385	192	16	7.00	23	yes	200
27 /	0.5	385	192	16	7.01	28	yes	200
28 /	0.5	385	192	16	7.09	28	yes	200
29 /	0.5	385	192	16	7.07	28	yes	200
30 /	0.5	385	192	15	7.06	28	yes	200
31 /	0.5	385	192	15	7.10	28	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 October 2024 Water Supt. Max Baker

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 fed-C-635-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	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	70444800	0	0	0.9 | 0.4 | 0.4 | 0.4 | 0.5	Pump off
2	70506200	63400	.60	0.9 | 0.4 | 0.4 | 0.4 | 0.5	
3	70517700	9000	0	0.8 | 0.4 | 0.4 | 0.4 | 0.5	
4	70522500	5300	.12	0.8 | 0.4 | 0.4 | 0.4 | 0.5	
5	70588300	65800	4%	0.8 | 0.4 | 0.4 | 0.4 | 0.5	
6	70611400	23100	.12	0.9 | 0.4 | 0.4 | 0.4 | 0.5	
7	70657000	45600	.38	0.9 | 0.4 | 0.4 | 0.4 | 0.5	
8	70657000	0	0	0.9 | 0.4 | 0.4 | 0.4 | 0.5	"
9	70724400	72400	.60	0.9 | 0.4 | 0.4 | 0.4 | 0.5	
10	70724400	0	0	0.9 | 0.4 | 0.4 | 0.4 | 0.5	"
11	70796400	67000	.48	0.9 | 0.4 | 0.4 | 0.4 | 0.5	
12	70800200	3800	0	0.9 | 0.4 | 0.4 | 0.4 | 0.5	
13	70800200	0	.72	0.9 | 0.4 | 0.4 | 0.4 | 0.5	
14	70862200	62000	0	0.9 | 0.4 | 0.4 | 0.4 | 0.5	
15	70862200	0	0	0.9 | 0.4 | 0.4 | 0.4 | 0.5	"
16	70862200	0	.60	0.9 | 0.4 | 0.4 | 0.4 | 0.5	
17	70949900	87700	.48	0.9 | 0.4 | 0.4 | 0.4 | 0.5	
18	71131200	231700	.96	0.9 | 0.4 | 0.4 | 0.4 | 0.5	
19	71362900	3800	.12	0.9 | 0.4 | 0.4 | 0.4 | 0.5	
20	71366706	0	0	0.9 | 0.4 | 0.4 | 0.4 | 0.5	"
21	71366700	0	0	0.9 | 0.4 | 0.4 | 0.4 | 0.5	"
22	71366700	0	0	0.9 | 0.4 | 0.4 | 0.4 | 0.5	"
23	71392106	25400	.60	0.9 | 0.4 | 0.4 | 0.4 | 0.5	
24	71438900	46800	0	0.8 | 0.4 | 0.4 | 0.4 | 0.5	
25	71436906	0	0	0.8 | 0.4 | 0.4 | 0.4 | 0.5	"
26	71475700	36800	.36	0.9 | 0.4 | 0.4 | 0.4 | 0.5	
27	71533700	56000	.60	1.0 | 0.5 | 0.5 | 0.5 | 0.5	
28	71553600	19900	.24	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
29	71568600	15200	.12	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
30	71568600	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	"
31	71586000	17400	.24	0.9 | 0.5 | 0.5 | 0.4 | 0.5	

WESTFIR WATER SYSTEM

MONTH/YEAR October 2024

TURBIDITY

DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	70444600	.236	.140	offline	.117	
2	70506200	.230	.137		.111	
3	70517200	.228	.135		113	
4	70522600	.231	.129		.104	
5	70583300	.224	.122		.108	
6	70611400	.224	.120		.108	
7	70657000	.226	.118		.108	
8	70657000	.224	.117		.108	
9	70729400	.218	116		.109	
10	70729400	.220	.114		.104	
11	70796400	.212	.109		.107	
12	70800200	.209	.109		.108	
13	70902200	.207	.107		.107	
14	70862200	.210	.106		.104	
15	70862200	.213	.110		.109	
16	70862200	.207	104		.111	
17	70999900	.232	.116		.109	
18	71131200	.224	.120		.111	
19	71362400	.249	.122		.113	
20	71366700	.312	.121		.113	
21	71366700	.316	.134		.116	
22	71366700	.321	.142		.117	
23	71392100	316	.144		.120	
24	71436900	.306	.142		.121	
25	71436900	.331	151		.126	
26	71475700	.364	.156		131	
27	71538700	.356	.172		.136	
28	71553600	.337	.174		.134	
29	71568400	.342	.169		.133	
30	71568400	.412	.172		.136	
31	71586000	.421	.177	✓	138	

	Raw	Filt 1	Filt 2
Turbidity Totals:	6.46	4.11	offline
Averages:	.223	.133	↓
Turbidity High:	.421	.177	↓
Ranges Low:	.207	.107	↓

Production

Meter Reading End of This Month: 71586000

Meter Reading End of Last Month: 70444600

Monthly Production: 1,141,200 gallons

Average Daily Production: 36,813 gallons/day