Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir **ID #:** 41 00939 **Month/Year:** November 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				.122			.122	200
2				.124			.124	200
3				.125			.125	200
4				.125			.125	200
5				.122			.122	200
6				.120			.120	200
7				.120			.120	200
8				.118			.118	200
9				.117			.117	200
10				.121			.121	200
11				.119			.119	200
12				.120			.120	200
13				.121			.121	200
14				.124			.124	200
15				.121			.121	200
16				.124			.124	200
17				.123			.123	200
18				.126			.126	200
19				.128			.128	200
20				.130			.130	200
21				.129			.129	200
22				.133			.133	200
23				.131			.131	200
24				.130			.130	200
25				.136			.136	200
26				.129			.129	200
27				.132			.132	200
28				.130			.130	200
29				.126			.126	200
30				.126			.126	200
31								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: 12-9-24

PHONE #: (541) 782-3983 office

CERT #: 08801 FE

OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF ID #: OR4100939 WTP-: WTP-A Month/Year: November 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	15	7.01	28	Yes	200
2 /	0.5	385	192	15	7.00	23	Yes	200
3 /	0.5	385	192	15	7.02	28	Yes	200
4 /	0.5	385	192	15	7.00	23	Yes	200
5 /	0.5	385	192	15	7.01	28	Yes	200
6 /	0.5	385	192	15	7.03	28	Yes	200
7 /	0.5	385	192	15	7.01	28	Yes	200
8 /	0.5	385	192	15	7.02	28	Yes	200
9 /	0.5	385	192	15	7.00	23	Yes	200
10 /	0.5	385	192	15	7.00	23	Yes	200
11 /	0.5	385	192	15	7.01	28	Yes	200
12 /	0.5	385	192	14	7.02	42	Yes	200
13 /	0.5	385	192	14	7.04	42	Yes	200
14 /	0.5	385	192	14	7.01	42	Yes	200
15 /	0.5	385	192	14	7.03	42	Yes	200
16 /	0.5	385	192	14	7.01	42	Yes	200
17 /	0.5	385	192	14	7.00	55	Yes	200
18 /	0.5	385	192	13	7.02	42	Yes	200
19 /	0.5	385	192	12	7.03	42	Yes	200
20 /	0.5	385	192	10	7.04	42	Yes	200
21 /	0.5	385	192	9	7.01	55	Yes	200
22 /	0.5	385	192	9	7.03	55	Yes	200
23 /	0.5	385	192	9	7.00	76	Yes	200
24 /	0.5	385	192	10	7.04	42	Yes	200
25 /	0.5	385	192	13	7.04	42	Yes	200
26 /	0.5	385	192	13	7.02	42	Yes	200
27 /	0.5	385	192	11	7.04	42	Yes	200
28 /	0.5	385	192	11	7.06	42	Yes	200
29 /	0.5	385	192	11	7.04	42	Yes	200
30 /	0.5	385	192	11	7.01	42	Yes	200
31 /		385						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 November 2024

TURBIDITY

DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	71647000	.681	.142	offline	.122	
2	71657000	.701	.146		.124	
3	71667000	693	.144		.125	
4	71726000	.464	.139		125	
5	71776000	.642	.131		.122	
6	71835000	.649	.133		.120	
7	71891400	.612	.129		120	
8	71914000	.654	.126		.118	
9	71960500	641	.127		.119	
10	71960500	.637	124		121	
11	71960500	641	131		.114	
12	71960500	618	.132		128	
13	71942700	.662	.134		121	
14	71942700	.644	.131		.124	
15	71960800	.662	129		121	
16	71960800	1.16	.234		124	
17	71960800	1.24	.206		123	
18	72058600	1.36	.227		126	
19	72058600	1.24	221		128	
20	72058600	1.26	216		130	
21	72098600	1.31	224		124	
22	72189400	1.37	252		133	
23	72194800	1.42	.241		131	
24	72196600	1.37	.240		130	
25	72196600	1.41	.251		136	
26	72315300	1.36	232		129	
27	72315300	1.27	228		132	
28	72315300	1.18	214		130	
29	72315300	1.01	217		126	
30	72453800	.994	209		126	
31						

	Raw	Filt 1	Filt 2
Turbidity Totals:	28.74	5.38	offline
Averages:	.958	.179	
Turbidity Ranges High:	1.42	.241	
Low:	.612	.124	

Production

Meter Reading End of This Month: 71586000

Meter Reading End of Last Month: 72453800

Monthly Production: 867,800 gallons

Average Daily Production: 28,927 gallons/day

Water System City of Westfir Date November 2024 Water Supt. Max Baker

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 Fed - C-650-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	71647100	54100	.48	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
2	71657090	10900	.36	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
3	71657000	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
4	71725000	68000	.60	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
5	71725000	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
6	71735400	10400	.24	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
7	71791400	56000	.48	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
8	71791400	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
9	71860500	69100	.96	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
10	71860500	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
11	71860500	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
12	71860500	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
13	71942700	82200	.84	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
14	71942700	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
15	71960200	17500	.24	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
16	71960200	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
17	71960800	0	.64	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
18	72-0866400	125800	.36	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
19	72086400	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
20	72086600	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
21	72086400	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
22	72-1489600	104300	1.42	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
23	72189800	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
24	72189800	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
25	72189800	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
26	72315300	125500	1.54	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
27	72315300	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
28	72-3153001	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
29	72315300	0	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
30	72453400	138100	0	0.9 | 0.5 | 0.5 | 0.5 | 0.5	
31				| | | |	