Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir ID #: 41 00939 Month/Year: November 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				.121			.121	200
2				.119			.119	200
3				.131			.131	200
4				.136			.136	200
5				.130			.130	200
6				.131			.131	200
7				.122			.122	200
8				.125			.125	200
9				.123			.123	200
10				.117			.117	200
11				.117			.117	200
12				.121			.121	200
13				.119			.119	200
14				.123			.123	200
15				.131			.131	200
16				.133			.133	200
17				.124			.124	200
18				.117			.117	200
19				.123			.123	200
20				.114			.114	200
21				.122			.122	200
22				.117			.117	200
23				.134			.134	200
24				.141			.141	200
25				.138			.138	200
26				.126			.126	200
27				.121			.121	200
28				.113			.113	200
29				.124			.124	200
30				.136			.136	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

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: 12-1-23

PHONE #: (541) 782-3983 office CERT #: 0881 F.E.

[1] IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF ID #: OR4100939 WTP-: WTP-A Month/Year: November 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 /	0.5	385	192	14	6.87	35	yes	200
2 /	0.4	385	154	14	6.81	35	yes	200
3 /	0.5	385	192	14	6.82	35	yes	200
4 /	0.5	385	192	14	6.80	35	yes	200
5 /	0.5	385	192	15	6.81	23	yes	200
6 /	0.5	385	192	14	6.89	35	yes	200
7 /	0.5	385	192	13	6.91	35	yes	200
8 /	0.5	385	192	13	6.89	35	yes	200
9 /	0.5	385	192	13	6.92	35	yes	200
10 /	0.5	385	192	13	6.89	35	yes	200
11 /	0.4	385	154	13	6.82	35	yes	200
12 /	0.4	385	154	14	6.84	35	yes	200
13 /	0.4	385	154	14	6.88	35	yes	200
14 /	0.5	385	192	13	6.93	35	yes	200
15 /	0.4	385	154	12	6.86	35	yes	200
16 /	0.5	385	192	12	6.87	35	yes	200
17 /	0.4	385	154	12	6.88	35	yes	200
18 /	0.4	385	154	12	6.86	35	yes	200
19 /	0.4	385	154	12	6.88	35	yes	200
20 /	0.5	385	192	12	6.91	35	yes	200
21 /	0.4	385	154	11	6.93	35	yes	200
22 /	0.4	385	154	11	6.97	35	yes	200
23 /	0.4	385	154	11	6.89	35	yes	200
24 /	0.5	385	192	10	6.91	35	yes	200
25 /	0.5	385	192	10	6.88	35	yes	200
26 /	0.5	385	192	10	6.90	35	yes	200
27 /	0.5	385	192	10	6.91	35	yes	200
28 /	0.5	385	192	10	6.89	35	yes	200
29 /	0.5	385	192	9	6.93	46	yes	200
30 /	0.5	385	192	8	6.89	46	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

Water System City of Westfir Date November 2023 Water Supt. Max Baker

Source of Water NF Willamette river No. of Services 131 Populstion Served 250

Chlorine Product Used Sodium Hypochlorite Strength as Fed 12.5% Make & Type of Chlorinator Chemfed C-630-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	61204300	21000	.36	0.8 | 0.4 | 0.4 | 0.4 | 0.5	
2	61221600	17300	.24	0.8 | 0.4 | 0.4 | 0.4 | 0.4	
3	61241100	19500	.24	0.8 | 0.4 | 0.4 | 0.4 | 0.5	
4	61259800	18700	.48	0.8 | 0.4 | 0.4 | 0.4 | 0.5	
5	61281000	21200	.48	0.8 | 0.4 | 0.4 | 0.4 | 0.5	
6	61303100	22100	.12	0.8 | 0.4 | 0.4 | 0.4 | 0.5	
7	61321400	18300	.24	0.8 | 0.4 | 0.4 | 0.4 | 0.5	
8	61342200	20800	.24	0.7 | 0.4 | 0.4 | 0.5 | 0.5	
9	61363100	21100	.12	0.5 | 0.4 | 0.4 | 0.3 | 0.5	
10	61379900	16800	.24	0.5 | 0.4 | 0.4 | 0.4 | 0.5	
11	61400700	20800	.24	0.5 | 0.4 | 0.3 | 0.4 | 0.4	
12	61422200	21500	.36	0.5 | 0.4 | 0.4 | 0.4 | 0.4	
13	61445200	23000	.24	0.5 | 0.4 | 0.4 | 0.4 | 0.4	
14	61465700	20500	.36	0.8 | 0.4 | 0.4 | 0.5 | 0.5	
15	61483900	18200	.24	0.8 | 0.4 | 0.4 | 0.4 | 0.4	
16	61502500	18600	.24	0.8 | 0.4 | 0.4 | 0.4 | 0.5	
17	61520600	18100	.36	0.7 | 0.4 | 0.4 | 0.4 | 0.4	
18	61539100	18500	.24	0.8 | 0.4 | 0.4 | 0.4 | 0.4	
19	61557500	18400	.36	0.8 | 0.4 | 0.3 | 0.4 | 0.4	
20	61585300	27800	.24	0.8 | 0.4 | 0.4 | 0.4 | 0.5	
21	61600200	14900	.36	0.8 | 0.4 | 0.4 | 0.4 | 0.4	
22	61623500	23300	.36	0.8 | 0.4 | 0.4 | 0.4 | 0.4	
23	61642000	18500	.36	0.8 | 0.3 | 0.4 | 0.4 | 0.4	
24	61665300	23300	.24	0.8 | 0.3 | 0.4 | 0.3 | 0.5	
25	61681700	16400	.36	0.7 | 0.4 | 0.3 | 0.3 | 0.5	
26	61703200	21500	.36	0.7 | 0.4 | 0.3 | 0.3 | 0.5	
27	61723600	20400	.48	0.8 | 0.4 | 0.4 | 0.4 | 0.5	
28	61743800	20200	.36	0.9 | 0.4 | 0.4 | 0.3 | 0.5	
29	61762900	19100	.24	1.0 | 0.3 | 0.4 | 0.3 | 0.5	
30	61780300	17400	.24	0.9 | 0.4 | 0.4 | 0.3 | 0.5	
31					

STFIR WATER SYSTEM

MONTH/YEAR November 2023

TURBIDITY

DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	61204300	.616	offline	.109	.121	
2	61221600	.829		.161	.119	
3	61241100	1.10		.244	.131	
4	61259300	1.22		.256	.136	
5	61281000	1.24		.261	.130	
6	61303100	1.22		.264	.131	
7	61321400	1.01		.256	.122	
8	61342200	.912		.192	.125	
9	61363100	.722		.176	.123	
10	61379900	.536		.143	.117	
11	61400700	.512		.128	.117	
12	61422200	.602		.134	.121	
13	61445200	.576		.142	.119	
14	61465700	.489		.139	.123	
15	61483900	.411		.156	.131	
16	61502500	.394		.164	.133	
17	61520600	.382		.159	.124	
18	61539100	.376		.152	.117	
19	61557500	.421		.144	.123	
20	61585300	.401		.141	.114	
21	61600200	.386		.133	.122	
22	61623500	.388		.135	.117	
23	61642000	.441		.201	.134	
24	61665300	.419		.176	.141	
25	61681700	.376		.167	.138	
26	61703200	.351		.156	.126	
27	61723600	.336		.144	.121	
28	61743800	.309		.132	.117	
29	61762900	.376		.164	.124	
30	61780300	.452		.176	.136	
31						

	Raw	Filt 1	Filt 2
Turbidity Totals:	16.81	NA	5.11
Averages:	.560	NA	.170
Turbidity High:	1.24	NA	.264
Ranges Low:	.309	NA	.109

Production

Meter Reading End of This Month: 61780300

Meter Reading End of Last Month: 61183300

Monthly Production: 597,000 gallons

Average Daily Production: 19,900 gallons/day