Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir ID #: 41 00939 Month/Year: March 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				.319			.319	200
2				.326			.326	200
3				.292			.292	200
4				.281			.281	200
5				.326			.326	200
6				.293			.293	200
7				.278			.278	200
8				.256			.256	200
9				.251			.251	200
10				.254			.254	200
11				.230			.230	200
12				.241			.241	200
13				.222			.222	200
14				.207			.207	200
15				.192			.192	200
16				.186			.186	200
17				.173			.173	200
18				.164			.164	200
19				.156			.156	200
20				.153			.153	200
21				.151			.151	200
22				.158			.158	200
23				.202			.202	200
24				.247			.247	200
25				.291			.291	200
26				.276			.276	200
27				.318			.318	200
28				.321			.321	200
29				.301			.301	200
30				.218			.218	200
31				.191			.191	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: 4/8/24

PHONE #: (541) 782-3983 office CERT #: 08801 FE

[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 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 /	0.4	385	154	8	7.01	55	yes	200
2 /	0.4	385	154	8	6.94	46	yes	200
3 /	0.4	385	154	8	6.96	46	yes	200
4 /	0.3	385	116	7	6.88	44	yes	200
5 /	0.3	385	116	7	6.90	44	yes	200
6 /	0.3	385	116	7	6.94	44	yes	200
7 /	0.3	385	116	8	6.91	44	yes	200
8 /	0.3	385	116	8	6.99	44	yes	200
9 /	0.3	385	116	8	6.73	44	yes	200
10 /	0.3	385	116	8	6.91	44	yes	200
11 /	0.3	385	116	8	6.96	44	yes	200
12 /	0.3	385	116	8	6.95	44	yes	200
13 /	0.3	385	116	8	6.96	44	yes	200
14 /	0.3	385	116	8	6.97	44	yes	200
15 /	0.3	385	116	8	6.96	44	yes	200
16 /	0.5	385	193	9	6.87	46	yes	200
17 /	0.5	385	193	9	6.90	46	yes	200
18 /	0.5	385	193	9	6.96	46	yes	200
19 /	0.4	385	154	9	6.87	46	yes	200
20 /	0.4	385	154	9	6.90	46	yes	200
21 /	0.4	385	154	9	6.94	46	yes	200
22 /	0.4	385	154	9	6.92	46	yes	200
23 /	0.4	385	154	9	6.90	46	yes	200
24 /	0.4	385	154	9	6.81	46	yes	200
25 /	0.4	385	154	9	6.90	46	yes	200
26 /	0.4	385	154	9	6.92	46	yes	200
27 /	0.4	385	154	9	6.91	46	yes	200
28 /	0.4	385	154	9	6.92	46	yes	200
29 /	0.4	385	154	9	6.86	46	yes	200
30 /	0.4	385	154	9	6.72	46	yes	200
31 /	0.4	385	154	9	6.74	46	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 2024 Water Supt. Max Baker

Source of Water N/F Willamette river No. of Services 136 Populstion Served 250

Chlorine Product Used Sodium Hypochlorite Strength as Fed 12.5% Make & Type of Chlorinator Chem fed - 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	63578400	0	0	0.6 | 0.3 | 0.3 | 0.3 | 0.4	Pump off
2	63578400	0	0	0.6 | 0.3 | 0.3 | 0.3 | 0.4	"
3	63578400	0	0	0.7 | 0.3 | 0.3 | 0.3 | 0.4	"
4	63686900	108500	.48	0.6 | 0.3 | 0.3 | 0.3 | 0.3	
5	63686900	0	0	0.6 | 0.3 | 0.3 | 0.3 | 0.3	"
6	63686900	0	0	0.7 | 0.3 | 0.3 | 0.3 | 0.3	"
7	63686900	0	0	0.6 | 0.3 | 0.3 | 0.3 | 0.3	"
8	63755300	68400	.36	0.7 | 0.3 | 0.2 | 0.3 | 0.3	
9	63755300	0	0	0.7 | 0.3 | 0.2 | 0.3 | 0.3	"
10	63755300	0	0	0.6 | 0.3 | 0.3 | 0.3 | 0.3	"
11	63818700	63400	.36	0.6 | 0.3 | 0.3 | 0.3 | 0.3	
12	63818700	0	0	0.6 | 0.3 | 0.3 | 0.3 | 0.3	"
13	63818700	0	0	0.7 | 0.3 | 0.3 | 0.3 | 0.3	"
14	63876100	57400	.36	0.6 | 0.3 | 0.3 | 0.3 | 0.3	
15	63876100	0	0	0.6 | 0.3 | 0.3 | 0.3 | 0.3	"
16	63879100	3000	.12	0.5 | 0.3 | 0.2 | 0.2 | 0.5	
17	63940600	61500	.36	0.6 | 0.3 | 0.3 | 0.3 | 0.5	
18	63940600	0	0	0.6 | 0.3 | 0.3 | 0.3 | 0.5	"
19	63985000	44400	.24	0.7 | 0.3 | 0.3 | 0.4 | 0.5	
20	63985000	0	.12	0.6 | 0.3 | 0.3 | 0.4 | 0.4	"
21	63985000	0	.24	0.5 | 0.3 | 0.3 | 0.3 | 0.4	"
22	64041900	56900	0	0.7 | 0.3 | 0.3 | 0.3 | 0.4	
23	64041900	0	.12	0.7 | 0.3 | 0.3 | 0.3 | 0.4	"
24	64076000	34100	0	0.6 | 0.2 | 0.2 | 0.2 | 0.4	
25	64076000	0	0	0.6 | 0.3 | 0.3 | 0.3 | 0.4	"
26	64076000	0	.24	0.5 | 0.3 | 0.3 | 0.3 | 0.4	"
27	64138300	62300	0	0.7 | 0.3 | 0.3 | 0.3 | 0.4	
28	64138300	0	.12	0.7 | 0.3 | 0.3 | 0.3 | 0.4	"
29	64138300	0	0	0.5 | 0.4 | 0.2 | 0.4 | 0.4	"
30	64187600	51300	.24	0.4 | 0.3 | 0.2 | 0.3 | 0.4	
31	64187600	0	0	0.4 | 0.3 | 0.2 | 0.3 | 0.4	"

WESTFIR WATER SYSTEM

MONTH/YEAR March 2024

TURBIDITY

DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	63578400	2.84	.489	Offline	.319	
2	63578400	3.19	.492		.326	
3	63578400	2.19	.412		.292	
4	63686900	1.98	.407		.281	
5	63686900	2.43	.512		.326	
6	63686900	2.26	.487		.293	
7	63686900	2.07	.456		.278	
8	63755300	1.96	.442		.256	
9	63755300	1.82	.438		.251	
10	63755300	1.84	.446		.254	
11	63818700	1.62	.401		.230	
12	63818700	1.74	.413		.241	
13	63818700	1.56	.381		.222	
14	63876100	1.46	.321		.207	
15	63876100	1.31	.287		.192	
16	63879100	.992	.261		.186	
17	63940600	.914	.254		.173	
18	63940600	.813	.231		.164	
19	63985000	.754	.222		.156	
20	63985000	.710	.214		.153	
21	63985000	.674	.198		.151	
22	64041900	.674	.202		.158	
23	64041900	.718	.262		.202	
24	64076000	.926	.341		.247	
25	64076000	1.28	.401		.291	
26	64076000	1.19	.413		.276	
27	64138300	1.74	.926		.318	
28	64138300	1.76	.542		.321	
29	64138300	1.51	.492		301	
30	64139600	1.12	.402		.218	
31	64187600	.854	.361	↓	.191	

	Raw	Filt 1	Filt 2
Turbidity Totals:	46.8	11.7	Off
Averages:	1.51	.378	Off
Turbidity High:	3.19	.542	Off
Ranges Low:	.674	.198	off

Production

Meter Reading End of This Month: 64187600

Meter Reading End of Last Month: 63578400

Monthly Production: 611,200 **gallons**

Average Daily Production: 19,716 **gallons/day**