

Oregon DHS - Drinking Water Program - Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: October 2022

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				.104			.104	200
2				.127			.127	200
3				.167			.167	200
4				.113			.113	200
5				.101			.101	200
6				.108			.108	200
7				.109			.109	200
8				.130			.130	200
9				.125			.125	200
10				.095			.095	200
11				.128			.128	200
12				.115			.115	200
13				.181			.181	200
14				.098			.098	200
15				.109			.109	200
16				.097			.097	200
17				.095			.095	200
18				.103			.103	200
19				.097			.097	200
20				.087			.087	200
21				.097			.097	200
22				.123			.123	200
23				.093			.093	200
24				.110			.110	200
25				.103			.103	200
26				.086			.086	200
27				.121			.121	200
28				.186			.186	200
29				.092			.092	200
30				.102			.102	200
31				.116			.116	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	Monthly Summary (Answer Yes or No) CT's met everyday? (see back) <u>Yes</u> / No All Cl ₂ residual at entry point ≥ 0.2 mg/l? <u>Yes</u> / No Cl ₂ residual measured in 95% of distribution samples? <u>Yes</u> / No
- OR -	PRINTED NAME: <u>JACKSON STONE</u>
Slow Sand/Cartridge/Membrane/DE Filtration 95% of turbidity readings ≤ 1 NTU? <u>Yes</u> / No All turbidity readings < 5 NTU? <u>Yes</u> / No	SIGNATURE: <u>[Signature]</u> DATE: <u>10-1-2022</u> PHONE #: <u>541 554-8660 cell</u> <u>782-3983 OFFICE</u> CERT #: <u>D08339</u> <u>T08340</u>

¹ IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

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

Date / Time	Minimum Cl ₂ Residual at 1 st 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	231	19	6.78	24	Yes	200
2/	0.6	385	231	20	6.77	18	Yes	200
3/	0.6	385	231	19	6.74	24	Yes	200
4/	0.5	385	192	20	6.72	18	Yes	200
5/	0.6	385	231	19	6.78	24	Yes	200
6/	0.5	385	192	19	6.74	23	Yes	200
7/	0.5	385	192	18	6.76	23	Yes	200
8/	0.5	385	192	19	6.77	23	Yes	200
9/	0.6	385	231	19	6.76	24	Yes	200
10/	0.6	385	231	18	6.78	24	Yes	200
11/	0.6	385	231	19	6.72	24	Yes	200
12/	0.5	385	192	18	6.65	23	Yes	200
13/	0.6	385	231	18	6.80	24	Yes	200
14/	0.6	385	231	18	6.83	24	Yes	200
15/	0.6	385	231	18	6.77	24	Yes	200
16/	0.6	385	231	18	6.89	24	Yes	200
17/	0.6	385	231	18	6.80	24	Yes	200
18/	0.6	385	231	17	6.94	24	Yes	200
19/	0.6	385	231	17	6.79	24	Yes	200
20/	0.6	385	231	17	6.78	24	Yes	200
21/	0.6	385	231	17	6.70	24	Yes	200
22/	0.6	385	231	16	7.18	29	Yes	200
23/	0.6	385	231	16	7.46	29	Yes	200
24/	0.6	385	231	16	7.41	29	Yes	200
25/	0.7	385	269	16	7.39	29	Yes	200
26/	0.7	385	269	15	7.40	29	Yes	200
27/	0.7	385	269	13	7.40	43	Yes	200
28/	0.5	385	192	13	7.35	42	Yes	200
29/	0.6	385	231	13	7.33	43	Yes	200
30/	0.7	385	269	13	7.40	43	Yes	200
31/	0.7	385	269	13	7.50	43	Yes	200

³If Cl₂ 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

TURBIDITY						
DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	45800200	.488	.107	Ø	.170	
2	45847000	.400	.110	Ø	.210	
3	45881000	.562	.135	Ø	.200	
4	45914000	.486	.105	Ø	.200	
5	45957000	.405	.101	Ø	.200	
6	45989000	.357	.104	Ø	.200	
7	46039000	.320	.093	Ø	.210	
8	46081000	.316	.101	Ø	.200	
9	46113000	.505	.110	Ø	.200	
10	46160400	.319	.121	Ø	.230	
11	46183100	.375	.099	Ø	.200	
12	46226200	.273	.103	Ø	.200	
13	46267800	.442	.102	Ø	.210	
14	46306000	.245	.102	Ø	.200	
15	46343000	.282	.108	Ø	.210	
16	46381500	.243	.103	Ø	.220	
17	46411100	.254	.107	Ø	.210	
18	46446800	.341	.084	Ø	.230	
19	46480000	.261	.134	Ø	.210	
20	46515200	.280	.146	Ø	.230	
21	46550300	.275	.116	Ø	.350	Overnight rain 1.0
22	46587400	1.50	.116	Ø	.180	Over night rain 0.4
23	46613100	1.47	.115	Ø	.240	O/N rain 0.3
24	46646600	.547	.095	Ø	.260	0.5
25	46679000	.911	.081	Ø	.270	0.4
26	46716200	.943	.148	Ø	.040	Drinking water filter cleaned 0.3
27	46742000	.725	.078	Ø	.020	
28	46785500	.372	.098	Ø	.050	
29	46816200	.309	.102	Ø	.060	
30	46846000	.384	.197	Ø	.070	R/F
31	46888700	.302	.111	.148	.040	filter #2 back on line / 0.6 Total rain

Turbidity Totals: Raw 14.89 Filt 1 3.33 Filt 2 .148
 Averages: Raw .480 Filt 1 .107 Filt 2 .148

Turbidity High: Raw 1.50 Filt 1 .197 Filt 2 .148
 Ranges Low: Raw .243 Filt 1 .078 Filt 2 Ø

Production

Meter Reading End of This Month: 46,888,700

Meter Reading End of Last Month: 45,762,800

Monthly Production: 1,125,900 gallons

Average Daily Production: 36,319 gallons/day

Water System CITY OF WESTFIRE

Date October 2022

Water Supt. JACKSON STONE

Source of Water N/E Willamette River

No. of Services 131

Population Served 250

Chlorine Product Used Sodium Hypochlorite Strength as Fed 12.5%

Make & Type of Chlorinator CHEM-FIBER CL30-R

OR# 4100939

Day of Month	Master Meter Reading Gallons	Daily Water Production	Chlorine Used Gallons	FREE CHLORINE RESIDUAL TEST					REMARKS Shown below, by date, any unusual occurrences affecting chlorination or operation of the water system; also addresses of random points.
				Test Method	1. Contact Chamber	2.	3.	4.	
				SP#1	SP #2	SP #3	SP #4	SP #5	
				ppm	ppm	ppm	ppm	ppm	
1	45800700	37400	.60	0.7	0.6	0.5	0.5	0.6	
2	45847000	46800	.36	0.9	0.5	0.5	0.5	0.6	
3	45881000	34000	.36	0.9	0.5	0.5	0.5	0.6	
4	45914000	33000	.60	0.8	0.5	0.5	0.4	0.5	
5	45957000	43000	.36	0.8	0.5	0.5	0.5	0.6	
6	45989000	32000	.48	0.7	0.5	0.5	0.5	0.5	
7	46039000	50000	.60	0.7	0.5	0.5	0.6	0.5	
8	46081000	42000	.36	0.8	0.5	0.4	0.5	0.5	
9	46113000	32000	.60	0.7	0.5	0.5	0.5	0.6	
10	46160400	47400	.36	0.8	0.4	0.4	0.6	0.6	
11	46183100	22700	.60	0.9	0.4	0.4	0.6	0.6	
12	46226200	43100	.48	0.8	0.5	0.4	0.5	0.5	
13	46267800	41600	.60	0.8	0.5	0.5	0.5	0.6	
14	46306000	38200	.48	1.0	0.5	0.6	0.5	0.6	
15	46343000	37000	.48	0.9	0.5	0.5	0.5	0.6	
16	46381500	41500	.48	0.8	0.5	0.5	0.5	0.6	
17	46411100	29600	.48	1.0	0.5	0.5	0.5	0.6	
18	46446800	35700	.84	0.9	0.5	0.5	0.5	0.6	
19	46480000	33200	.48	0.9	0.6	0.4	0.4	0.6	
20	46515200	35200	.48	0.8	0.6	0.4	0.4	0.6	
21	46550300	35100	.48	0.8	0.6	0.5	0.5	0.6	
22	46587400	37100	.48	1.0	0.6	0.4	0.4	0.6	
23	46613100	25700	.36	1.0	0.6	0.5	0.5	0.6	
24	46646600	33500	.36	1.0	0.6	0.4	0.4	0.6	
25	46679000	32400	.60	0.9	0.7	0.5	0.5	0.7	
26	46716200	37200	.36	0.9	0.7	0.5	0.4	0.7	
27	46742000	25800	.60	0.8	0.7	0.5	0.4	0.7	
28	46785500	43500	.60	0.8	0.5	0.4	0.4	0.5	
29	46816200	30700	.36	1.3	0.5	0.4	0.6	0.6	
30	46846000	29800	.60	1.1	0.6	0.5	0.5	0.7	
31	46888700	42700	.48	0.9	0.6	0.5	0.6	0.7	