

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: 007-2021

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				.116			.116	200
2				.145			.145	200
3				.139			.139	200
4				.143			.143	200
5				.129			.129	200
6				.107			.107	200
7				.099			.099	200
8				.103			.103	200
9				.082			.082	200
10				.210			.210	200
11				.120			.120	200
12				.110			.110	200
13				.130			.130	200
14				.160			.160	200
15				.130			.130	200
16				.130			.130	200
17				.110			.110	200
18				.150			.150	200
19				.150			.150	200
20				.120			.120	200
21				.130			.130	200
22				.120			.120	200
23				.120			.120	200
24				.130			.130	200
25				.120			.120	200
26				.130			.130	200
27				.120			.120	200
28				.120			.120	200
29				.130			.130	200
30				.110			.110	200
31				.130			.130	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>11-2-2021</u> PHONE #: (541) <u>782-3983 OFFICE</u> <u>554-9660 CALL</u> CERT #: <u>D08839</u> <u>T08840</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: OCT 2021

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	18 ^e	6.43	20	Yes	200
2/	0.7	385	269	17 ^e	6.35	20	Yes	200
3/	0.7	385	269	17 ^e	6.36	20	Yes	200
4/	0.6	385	231	18 ^e	7.03	29	Yes	200
5/	0.6	385	231	18 ^e	6.45	20	Yes	200
6/	0.6	385	231	18 ^e	6.37	20	Yes	200
7/	0.5	385	192	18 ^e	6.42	20	Yes	200
8/	0.7	385	269	18 ^e	6.16	20	Yes	200
9/	0.7	385	269	17 ^e	6.19	20	Yes	200
10/	0.8	385	308	17 ^e	6.38	20	Yes	200
11/	0.7	385	269	17 ^e	6.41	20	Yes	200
12/	0.8	385	308	17 ^e	7.24	29	Yes	200
13/	0.7	385	269	17 ^e	6.38	20	Yes	200
14/	0.7	385	269	17 ^e	6.52	24	Yes	200
15/	0.6	385	231	17 ^e	6.47	20	Yes	200
16/	0.7	385	269	16 ^e	6.41	20	Yes	200
17/	0.7	385	269	15 ^e	6.27	20	Yes	200
18/	0.6	385	231	16 ^e	6.34	20	Yes	200
19/	0.7	385	269	16 ^e	6.36	20	Yes	200
20/	0.7	385	269	15 ^e	6.41	20	Yes	200
21/	0.7	385	269	15 ^e	6.48	20	Yes	200
22/	0.7	385	269	15 ^e	6.43	20	Yes	200
23/	0.7	385	269	14 ^e	6.47	30	Yes	200
24/	0.7	385	269	14 ^e	6.49	30	Yes	200
25/	0.6	385	231	14 ^e	6.44	30	Yes	200
26/	0.6	385	231	13 ^e	6.39	30	Yes	200
27/	0.6	385	231	13 ^e	6.43	30	Yes	200
28/	0.7	385	269	13 ^e	6.39	30	Yes	200
29/	0.8	385	308	14 ^e	6.28	31	Yes	200
30/	0.7	385	269	14 ^e	6.37	30	Yes	200
31/	0.8	385	308	14 ^e	6.32	31	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

Water System CITY OF WESTFIR

Date OCT-2021

Water Supt. JACKSON STONE

Source of Water N/E Willawette River

No. of Services 131

Population Served 250

Chlorine Product Used Sodium Hypochlorite Strength as Fed 12.5 %

Make & Type of Chlorinator CHOW FIED-CC309

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. _____					
				5. Random Point <i>* NOTE 1st Service</i>					
				SP#1	SP #2	SP #3	SP #4	SP #5	
				ppm	ppm	ppm	ppm	ppm	
1	31761400	49,500	.48	0.9	0.6	0.6	0.6	0.6	
2	31792000	30,600	.36	0.9	0.6	0.5	0.6	0.7	
3	31819000	27,000	.48	0.9	0.7	0.5	0.6	0.7	
4	31848700	29,700	.72	0.8	0.6	0.5	0.5	0.6	
5	31898700	50,000	.36	0.8	0.5	0.5	0.6	0.6	
6	31922700	24,000	.60	0.8	0.4	0.5	0.5	0.6	
7	31963100	40,400	.60	1.1	0.4	0.5	0.4	0.5	
8	31996900	33,800	.36	0.9	0.5	0.6	0.5	0.7	
9	32022200	25,300	.36	1.0	0.5	0.6	0.5	0.7	R.1
10	32045900	23,700	.36	0.9	0.6	0.5	0.6	0.8	0.4
11	32075400	29,500	.60	0.8	0.6	0.4	0.6	0.7	0.1
12	32109100	33,700	.72	0.9	0.6	0.5	0.6	0.8	0.1
13	32151600	42,500	.36	1.0	0.7	0.6	0.5	0.7	0.1
14	32176200	24,600	.36	1.0	0.6	0.5	0.6	0.7	T
15	32205400	29,200	.12	1.0	0.6	0.5	0.6	0.6	
16	32212100	6,700	.60	0.9	0.6	0.5	0.6	0.7	
17	32259000	46,900	.36	0.9	0.6	0.5	0.6	0.7	0.2
18	32281900	22,900	.36	0.8	0.6	0.5	0.6	0.6	
19	32305800	23,900	.60	0.9	0.6	0.6	0.7	0.7	
20	32342100	36,300	.48	1.0	0.6	0.7	0.7	0.7	0.2
21	32378300	36,200	.36	0.9	0.5	0.6	0.6	0.7	1.4
22	32402400	24,100	.36	0.9	0.5	0.6	0.6	0.7	0.3
23	32426400	24,000	.48	0.9	0.6	0.5	0.6	0.6	0.3
24	32457100	30,700	.60	0.9	0.6	0.5	0.6	0.7	0.4
25	32484200	27,100	.72	0.8	0.6	0.4	0.6	0.6	0.5
26	32508000	25,600	.48	0.8	0.6	0.4	0.5	0.6	0.2
27	32540500	32,500	.48	0.8	0.5	0.4	0.7	0.6	0.2
28	32564900	24,400	.60	1.0	0.6	0.5	0.6	0.7	0.3
29	32613100	48,200	.48	0.9	0.5	0.5	0.5	0.8	0.1
30	32638300	25,200	.36	1.0	0.6	0.5	0.6	0.7	0.1
31	32664000	25,700	.48	0.9	0.7	0.5	0.6	0.8	0.2
									5.2 Total Rain Fall

TURBIDITY						
DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	31761400	.349	.143	.092	.100	
2	31792000	.351	.129	.118	.100	
3	31819000	.393	.112	.098	.110	
4	31848700	.404	.118	.109	.120	
5	31898700	.334	.109	.101	.160	
6	31922700	.278	.104	.096	.120	
7	31963100	.249	.094	.089	.110	
8	31996900	.256	.103	.097	.140	
9	32022200	.310	.124	.108	.110	
10	32045400	.242	.152	.110	.210	
11	32075400	.307	.161	.121	.120	
12	32109100	.331	.166	.128	.110	
13	32151600	.351	.148	.134	.130	
14	32176200	.367	.122	.147	.160	
15	32205400	.507	.094	.136	.130	
16	32212100	.287	.186	.120	.130	
17	32259000	.313	.109	.127	.110	
18	32281900	.342	.118	.134	.150	
19	32305800	.331	.121	.129	.150	
20	32342100	.342	.111	.117	.120	
21	32378300	.402	.128	.121	.130	
22	32402400	1.64	.342	.197	.120	
23	32426400	.862	.307	.094	.120	
24	32457100	.349	.236	.108	.130	
25	32484200	.383	.210	.118	.120	
26	32508000	.305	.189	.113	.130	
27	32540500	.346	.192	.123	.120	
28	32564900	.406	.178	.133	.120	
29	32613100	.438	.148	.116	.130	
30	32638300	.644	.144	.107	.110	
31	32664000	.661	.122	.120	.130	

Turbidity Totals: Raw Filt 1 Filt 2
 13.079 4.62 3.651
 Averages: .422 .149 .118

Turbidity High: 1.64 .307 .197
 Ranges Low: .242 .094 .082

Production

Meter Reading End of This Month: 32,664,000
 Meter Reading End of Last Month: 31,711,900
 Monthly Production: 952,100 gallons
 Average Daily Production: 30,713 gallons/day