

## Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: January 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				.221			.221	200
2				.237			.237	200
3				.208			.208	200
4				.213			.213	200
5				.199			.199	200
6				.180			.180	200
7				.170			.170	200
8				.158			.158	200
9				.179			.179	200
10				.188			.188	200
11				.122			.122	200
12				.163			.163	200
13				.243			.243	200
14				.126			.126	200
15				.162			.162	200
16				.130			.130	200
17				.187			.187	200
18				.139			.139	200
19				.157			.157	200
20				.179			.179	200
21				.121			.121	200
22				.120			.120	200
23				.135			.135	200
24				.119			.119	200
25				.124			.124	200
26				.165			.165	200
27				.163			.163	200
28				.108			.108	200
29				.156			.156	200
30				.158			.158	200
31				.154			.154	200

<b>Conventional or Direct Filtration</b>		<b>Monthly Summary (Answer Yes or No)</b>		
95% of turbidity readings ≤ 0.3 NTU?	Yes / No	CT's met everyday? (see back)	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l?	Cl <sub>2</sub> residual measured in 95% of distribution samples?
All turbidity readings < 1 NTU?	Yes / No	Yes / No	Yes / No	Yes / No
All turbidity readings < IFE triggers?	Yes / No <sup>1</sup>			
- OR -		PRINTED NAME: <u>JACOBSON STONE</u>		
<b>Slow Sand/Cartridge/Membrane/DE Filtration</b>		SIGNATURE: <u>[Signature]</u>	DATE: <u>2-7-2023</u>	
95% of turbidity readings ≤ 1 NTU?	Yes / No	PHONE #: ( <u>541</u> ) <u>554-8660 cell</u>	CERT #: <u>D08839</u>	
All turbidity readings < 5 NTU?	Yes / No	<u>782-3983 office</u>	<u>T08840</u>	

<sup>1</sup> IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

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

January 2023

Date / Time	Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> User ( C ) <sup>3</sup>	Contact Time ( T )	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		Use tables	Yes / No	[GPM]
1/	0.6	385	231	7	7.06	57	yes	200
2/	0.5	385	192	6	7.12	55	yes	200
3/	0.5	385	192	6	7.07	55	yes	200
4/	0.6	385	231	6	6.96	48	yes	200
5/	0.7	385	269	7	7.05	57	yes	200
6/	0.7	385	269	7	6.99	48	yes	200
7/	0.7	385	269	7	7.08	57	yes	200
8/	0.8	385	269	7	7.16	58	yes	200
9/	0.8	385	269	7	7.09	58	yes	200
10/	0.8	385	269	7	7.03	58	yes	200
11/	0.8	385	269	7	7.06	58	yes	200
12/	0.9	385	269	7	7.11	58	yes	200
13/	0.6	385	269	7	7.06	57	yes	200
14/	1.0	385	385	7	7.24	60	yes	200
15/	1.0	385	385	7	7.15	60	yes	200
16/	0.9	385	347	7	7.18	58	yes	200
17/	0.8	385	308	7	7.08	58	yes	200
18/	0.8	385	308	8	6.99	49	yes	200
19/	0.8	385	308	8	6.98	49	yes	200
20/	0.8	385	269	7	6.99	48	yes	200
21/	1.0	385	385	7	6.95	50	yes	200
22/	1.0	385	385	7	6.99	50	yes	200
23/	0.9	385	347	7	6.95	49	yes	200
24/	0.9	385	347	6	6.98	49	yes	200
25/	0.9	385	347	6	7.00	49	yes	200
26/	1.0	385	385	6	6.97	50	yes	200
27/	0.9	385	347	6	7.01	58	yes	200
28/	1.1	385	423	6	7.08	60	yes	200
29/	0.7	385	269	6	7.01	57	yes	200
30/	0.8	385	308	6	6.81	49	yes	200
31/	0.8	385	308	7	6.94	49	yes	200

<sup>3</sup>If Cl<sub>2</sub> 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](http://www.public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-alt-unfiltered.pdf)

Water System City of Westfir Date January 2023 Water Supt. Jackson Stone

Source of Water N/F Willamette River No. of Services 131 Population Served 250

Chlorine Product Used Sodium Hypochlorite Strength as Fed 12.5% Make & Type of Chlorinator Chem Fed. G630-P

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					
				SP#1	SP #2	SP #3	SP #4	SP #5	
				ppm	ppm	ppm	ppm	ppm	
1	48858700	29300	.36	1.1	0.6	0.6	0.7	0.6	
2	48888500	29800	.48	1.1	0.6	0.5	0.6	0.5	
3	48920200	31700	.48	1.2	0.6	0.6	0.6	0.5	
4	48953900	33700	.60	1.2	0.7	0.6	0.6	0.6	
5	48978700	24800	.48	1.1	0.7	0.5	0.5	0.7	
6	49013000	34300	.60	1.2	0.7	0.6	0.6	0.7	
7	49043300	36300	.60	1.1	0.6	0.6	0.7	0.7	
8	49073800	30900	.60	1.5	0.6	0.6	0.6	0.8	
9	49103300	29500	.36	1.1	0.6	0.6	0.6	0.8	
10	49130800	27500	.36	1.1	0.6	0.5	0.6	0.8	
11	49169200	38400	.60	1.1	0.6	0.5	0.5	0.8	
12	49198600	29400	.48	1.2	0.6	0.6	0.6	0.9	
13	49224600	26000	.48	1.1	0.6	0.5	0.6	0.6	
14	49256100	31500	.48	1.3	0.7	0.5	0.7	1.0	
15	49281800	25700	.36	1.0	0.7	0.5	0.8	1.0	
16	49316700	34900	.60	1.2	0.7	0.5	0.5	0.9	
17	49345500	28800	.36	1.0	0.7	0.5	0.6	0.8	
18	49376800	31300	.48	1.0	0.6	0.5	0.6	0.8	
19	49404000	27200	.36	1.0	0.6	0.5	0.6	0.8	
20	49436600	32000	.60	1.2	0.6	0.5	0.5	0.8	
21	49462900	26900	.36	1.1	0.5	0.5	0.7	1.0	
22	49491000	28100	.36	1.1	0.5	0.8	0.7	1.0	
23	49523500	32500	.48	1.1	0.6	0.7	0.6	0.9	
24	49550100	26600	.48	1.2	0.7	0.8	0.6	0.9	
25	49585500	35400	.60	1.2	0.7	0.7	0.6	0.9	
26	49617300	31800	.48	1.0	0.7	0.7	0.7	1.0	
27	49644200	26900	.48	0.9	0.8	0.7	0.6	0.9	
28	49672300	28100	.60	1.2	0.7	0.5	0.9	1.1	
29	49704600	32300	.48	1.0	0.7	0.5	1.0	0.7	
30	49734300	29700	.48	1.0	0.6	0.5	0.8	0.8	
31	49764100	29800	.48	1.0	0.8	0.7	0.8	0.8	

TURBIDITY						
DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	48858700	2.15	.116	.255	.190	
2	48888500	1.59	.125	.292	.140	
3	48920200	1.42	.123	.284	.150	
4	48953900	1.03	.133	.281	.120	
5	48979700	1.08	.188	.290	.180	
6	49013000	.986	.127	.238	.200	
7	49043300	.719	.091	.227	.160	
8	49073800	.696	.198	.192	.180	
9	49103300	.592	.338	.156	.130	
10	49130800	.557	.079	.152	.060	
11	49169200	.618	.116	.161	.180	
12	49198600	.679	.132	.146	.040	
13	49224600	.697	.131	.129	.140	
14	49250100	.695	.099	.131	.060	
15	49281800	.677	.164	.130	.070	
16	49310700	.670	.129	.148	.110	
17	49345500	.686	.109	.141	.080	
18	49376800	.549	.116	.137	.070	
19	49404000	.644	.111	.127	.080	
20	49436000	.652	.141	.155	.040	
21	49462900	.537	.097	.186	.040	
22	49491000	.610	.101	.122	.140	
23	49523500	.526	.097	.109	.110	
24	49550100	.538	.097	.111	.040	
25	49585500	.424	.094	.109	.050	
26	49617300	.575	.088	.118	.020	
27	49644200	.420	.132	.225	.120	
28	49672300	.943	.091	.118	.080	
29	49704600	.440	.085	.123	.040	
30	49734300	.531	.105	.095	.040	
31	49764100	.410	.095	.095	.080	

Turbidity Totals: Raw Filt 1 Filt 2  
23.35 3.85 5.12  
 Averages: .753 .124 .165

Turbidity High: 2.15 .338 .292  
 Ranges Low: .410 .079 .095

Production

Meter Reading End of This Month: 49764100  
 Meter Reading End of Last Month: 48829400  
 Monthly Production: 934,700 gallons  
 Average Daily Production: 30,152 gallons/day