

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: February 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				.143			.143	200
2				.126			.126	200
3				.168			.168	200
4				.181			.181	200
5				.114			.114	200
6				.157			.157	200
7				.177			.177	200
8				.123			.123	200
9				.234			.234	200
10				.188			.188	200
11				.182			.182	200
12				.109			.109	200
13				.116			.116	200
14				.249			.249	200
15				.161			.161	200
16				.145			.145	200
17				.179			.179	200
18				.101			.101	200
19				.154			.154	200
20				.167			.167	200
21				.179			.179	200
22				.240			.240	200
23				.205			.205	200
24				.132			.132	200
25				.152			.152	200
26				.230			.230	200
27				.161			.161	200
28				.153			.153	200
29								200
30								200
31								200

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)		
95% of turbidity readings ≤ 0.3 NTU? <input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	Cl ₂ residual measured in 95% of distribution samples? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
All turbidity readings < 1 NTU? <input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No			
All turbidity readings < IFE triggers? <input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No ¹			
- OR -	PRINTED NAME: Jackson Stone		
<input checked="" type="checkbox"/> Slow Sand/Cartridge/Membrane/DE Filtration	SIGNATURE: <i>Jackson Stone</i>	DATE: 3-6-2023	
95% of turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	PHONE #: (541) 554-8660 Cell	CERT #: D08839	
All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	782-3983 office	T08840	

¹ IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

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

February 2023

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/	0.9	385	347	5	6.87	49	yes	200
2/	1.0	385	385	5	7.06	60	yes	200
3/	1.0	385	385	5	6.92	50	yes	200
4/	1.0	385	385	5	6.96	50	yes	200
5/	0.8	385	308	5	7.04	58	yes	200
6/	0.8	385	308	6	6.95	49	yes	200
7/	0.8	385	308	6	7.03	58	yes	200
8/	0.9	385	347	6	7.05	58	yes	200
9/	0.8	385	308	6	7.02	57	yes	200
10/	0.9	385	347	7	7.04	58	yes	200
11/	1.0	385	385	5	7.13	60	yes	200
12/	0.9	385	347	7	6.94	49	yes	200
13/	0.9	385	347	7	6.94	49	yes	200
14/	0.8	385	308	7	7.03	58	yes	200
15/	0.9	385	347	6	7.08	58	yes	200
16/	0.8	385	308	7	7.06	58	yes	200
17/	0.9	385	385	6	7.08	58	yes	200
18/	1.1	385	423	6	7.05	60	yes	200
19/	1.0	385	385	6	7.06	60	yes	200
20/	1.0	385	385	6	7.07	60	yes	200
21/	1.0	385	385	7	7.05	60	yes	200
22/	0.9	385	347	7	7.13	58	yes	200
23/	0.9	385	347	6	7.14	58	yes	200
24/	0.9	385	347	6	7.11	58	yes	200
25/	1.0	385	385	6	7.13	60	yes	200
26/	0.8	385	308	5	7.04	58	yes	200
27/	0.8	385	308	6	7.10	58	yes	200
28/	0.8	385	308	6	7.10	58	yes	200
29/		385						200
30/		385						200
31/		385						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	49804800	.418	.144	.112	.020	
2	49836000	.434	.077	.098	.020	
3	49877600	.408	.112	.109	.110	
4	49915800	.397	.074	.103	.010	
5	49945100	.385	.108	.119	.070	
6	49987200	.829	.094	.133	.090	
7	50026000	.775	.093	.112	.020	
8	50060100	1.22	.104	.111	.080	
9	50102000	.903	.095	.109	.040	
10	50132600	.742	.117	.127	.090	
11	50177100	.571	.110	.103	.030	
12	50208900	.691	.085	.082	.060	
13	50251100	.523	.093	.118	.100	
14	50284700	.744	.159	.126	.040	
15	50325700	.724	.135	.106	.040	
16	50365900	.689	.105	.114	.060	
17	50400400	.771	.111	.112	.040	
18	50438500	.652	.069	.114	.040	
19	50478300	.594	.076	.096	.110	
20	50519300	.641	.094	.099	.050	
21	50557800	.831	.068	.108	.130	
22	50604700	.810	.110	.089	.020	
23	50633100	.890	.109	.116	.030	
24	50677400	.693	.083	.104	.030	
25	50710300	.577	.093	.087	.020	
26	50745200	.608	.078	.098	.230	
27	50780800	.954	.097	.125	.130	
28	50815700	.808	.132	.114	.130	
29						
30						
31						

Turbidity Totals: Raw 19.2 Filt 1 2.74 Filt 2 2.93
 Averages: .686 .098 .105

Turbidity High: 1.22 .159 .133
 Ranges Low: .385 .068 .082

Production

Meter Reading End of This Month: 50815700
 Meter Reading End of Last Month: 49764100
 Monthly Production: 1,051,600 gallons
 Average Daily Production: 37,557 gallons/day

