

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

System Name: City of Westfir

ID #: 41 00939

Month/Year: June 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				.283			.283	200
2				.415			.415	200
3				.237			.237	200
4				.259			.259	200
5				.196			.196	200
6				.217			.217	200
7				.186			.186	200
8				.196			.196	200
9				.337			.337	200
10				.237			.237	200
11				.219			.219	200
12				.191			.191	200
13				.170			.170	200
14				.140			.140	200
15				.164			.164	200
16				.305			.305	200
17				.215			.215	200
18				.249			.249	200
19				.278			.278	200
20				.213			.213	200
21				.157			.157	200
22				.158			.158	200
23				.121			.121	200
24				.250			.250	200
25				.204			.204	200
26				.163			.163	200
27				.138			.138	200
28				.142			.142	200
29				.193			.193	200
30				.151			.151	200
31								200

<b>Conventional or Direct Filtration</b>	<b>Monthly Summary (Answer Yes or No)</b>		
95% of turbidity readings ≤ 0.3 NTU? <input type="checkbox"/> Yes / <input type="checkbox"/> No	CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	Cl <sub>2</sub> 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 type="checkbox"/> No			
All turbidity readings < IFE triggers? <input type="checkbox"/> Yes / <input type="checkbox"/> No <sup>1</sup>			
- OR -	PRINTED NAME: Max Baker		
<b>Slow Sand/Cartridge/Membrane/DE Filtration</b>	SIGNATURE: <i>Max Baker</i>	DATE: 7/3/23	
95% of turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	PHONE #: (541) 782-3483 office	CERT #: 08801 FE	
All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No			

<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:

June, 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/	0.8	385	308	19	7.13	29	yes	200
2/	0.8	385	308	19	7.21	29	yes	200
3/	0.6	385	231	19	7.21	29	yes	200
4/	0.7	385	269	19	7.30	29	yes	200
5/	0.7	385	269	20	7.32	21	yes	200
6/	0.7	385	269	20	7.29	21	yes	200
7/	0.6	385	231	19	7.26	29	yes	200
8/	0.7	385	269	20	7.33	21	yes	200
9/	0.7	385	269	20	7.19	21	yes	200
10/	0.7	385	269	20	7.17	21	yes	200
11/	0.7	385	269	20	7.12	21	yes	200
12/	0.7	385	269	20	7.19	21	yes	200
13/	0.7	385	269	19	7.26	29	yes	200
14/	0.7	385	269	19	7.20	29	yes	200
15/	0.7	385	269	19	7.24	29	yes	200
16/	0.7	385	269	20	7.30	21	yes	200
17/	0.7	385	269	19	7.23	29	yes	200
18/	0.7	385	269	19	7.18	29	yes	200
19/	0.8	385	308	19	7.22	29	yes	200
20/	0.8	385	308	19	7.16	29	yes	200
21/	0.8	385	308	19	7.13	29	yes	200
22/	0.8	385	308	19	7.15	29	yes	200
23/	0.8	385	308	20	7.21	22	yes	200
24/	0.7	385	269	20	7.11	21	yes	200
25/	0.7	385	269	20	7.16	21	yes	200
26/	0.7	385	269	20	7.18	21	yes	200
27/	0.7	385	269	20	7.06	21	yes	200
28/	0.8	385	308	20	7.08	22	yes	200
29/	0.8	385	308	21	7.11	22	yes	200
30/	0.7	385	269	24	7.06	21	yes	200
31/		385						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)



TURBIDITY						
DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	54300900	.744	.178	.153	.170	
2	54364000	.536	.138	.155	.150	
3	54484800	.658	.152	.142	.140	
4	54667900	.443	.137	.131	.150	
5	54814400	.483	.146	.129	.140	
6	55141900	.313	.169	.157	.140	
7	55289200	1.03	.144	.130	.170	
8	55300100	.822	.151	.132	.160	
9	55326500	.608	.125	.131	.170	
10	55440500	.708	.167	.130	.320	
11	55478000	.819	.176	.126	.330	
12	55478000	.572	.172	.198	.220	
13	55535400	.501	.145	.141	.340	
14	55604800	.349	.143	.107	.350	
15	55652400	.870	.137	.143	.380	
16	55684900	.443	.140	.132	.670	
17	55698600	1.11	.154	.098	.370	
18	55712300	1.42	.156	.108	.320	
19	55740000	1.38	.178	.152	.310	
20	55761900	1.50	.165	.111	.290	
21	55789500	1.15	.123	.103	.290	
22	55819700	1.21	.123	.142	.300	
23	55860300	.822	.128	.113	.290	
24	55887400	.635	.128	.172	.290	
25	55925800	1.16	.142	.123	.280	
26	55960800	.916	.155	.098	.280	
27	56010400	.695	.198	.106	.320	
28	56062000	.554	.189	.101	.300	
29	56094900	1.02	.122	.116	.310	
30	56119300	1.35	.178	.103	.310	
31						

Turbidity Totals: Raw Filt 1 Filt 2  
24.82 4.96 3.88  
 Averages: .827 .152 .129

Turbidity High: 1.50 .122 .098  
 Ranges Low: .313 .198 .198

**Production**

Meter Reading End of This Month: 56119300  
 Meter Reading End of Last Month: 54241100  
 Monthly Production: 1878200 gallons  
 Average Daily Production: 62,607 gallons/day