

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: June 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				.304			.304	200
2				.275			.275	200
3				.129			.129	200
4				.131			.131	200
5				.144			.144	200
6				.126			.126	200
7				.146			.146	200
8				.132			.132	200
9				.191			.191	200
10				.132			.132	200
11				.141			.141	200
12				.169			.169	200
13				.214			.214	200
14				.142			.142	200
15				.126			.126	200
16				.126			.126	200
17				.124			.124	200
18				.131			.131	200
19				.114			.114	200
20				.139			.139	200
21				.131			.131	200
22				.175			.175	200
23				.163			.163	200
24				.152			.152	200
25				.171			.171	200
26				.161			.161	200
27				.123			.123	200
28				.102			.102	200
29				.151			.151	200
30				.115			.115	200
31								200

Conventional or Direct Filtration		Monthly Summary (Answer Yes or No)		
95% of turbidity readings ≤ 0.3 NTU?	Yes / No	CT's met everyday? (see back)	All Cl ₂ residual at entry point ≥ 0.2 mg/l?	Cl ₂ 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 ¹			
- OR -		PRINTED NAME: JACKSON, AIGNE		
Slow Sand/Cartridge/Membrane/DE Filtration		SIGNATURE: [Signature]		DATE: 7-4-2022
95% of turbidity readings ≤ 1 NTU?	Yes / No	PHONE #: (541) 554-8669 call, 782-3983 OFFICE	CERT #: D08839 109840	
All turbidity readings < 5 NTU?	Yes / No			

¹ IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF ID #: OR4100939 WTP-: WTP-A Month/Year: June 2022

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/	0.5	385	192	15°	6.74	23	yes	200
2/	0.5	385	192	16°	6.57	23	yes	200
3/	0.6	385	231	17°	6.68	24	yes	200
4/	0.5	385	192	16°	7.57	33	yes	200
5/	0.6	385	231	16°	6.39	20	yes	200
6/	0.6	385	231	16°	6.44	20	yes	200
7/	0.7	385	269	17°	6.27	20	yes	200
8/	0.7	385	269	17°	6.32	20	yes	200
9/	0.7	385	269	17°	6.31	20	yes	200
10/	0.8	385	308	17°	6.28	20	yes	200
11/	0.7	385	269	17°	6.25	20	yes	200
12/	0.7	385	269	16°	6.44	20	yes	200
13/	0.8	385	308	16°	6.24	20	yes	200
14/	0.8	385	308	16°	6.31	20	yes	200
15/	0.7	385	269	16°	6.42	20	yes	200
16/	0.7	385	269	17°	6.31	20	yes	200
17/	0.7	385	269	16°	6.40	20	yes	200
18/	0.6	385	231	16°	6.48	20	yes	200
19/	0.6	385	231	16°	6.12	20	yes	200
20/	0.6	385	231	16°	6.44	20	yes	200
21/	0.7	385	269	17°	6.50	20	yes	200
22/	0.7	385	269	17°	6.48	20	yes	200
23/	0.7	385	269	17°	6.54	24	yes	200
24/	0.7	385	269	17°	6.55	24	yes	200
25/	0.7	385	269	18°	6.43	20	yes	200
26/	0.7	385	269	17°	6.38	20	yes	200
27/	0.8	385	308	19°	6.66	24	yes	200
28/	0.8	385	308	20°	6.64	24	yes	200
29/	0.9	385	347	20°	6.71	24	yes	200
30/	0.8	385	308	19°	6.58	24	yes	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

OR# 4100989

TURBIDITY						
DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	39457500	1.09	.210	.163	.150	
2	39491000	1.06	.191	.115	.150	
3	39520000	.942	.148	.156	.140	
4	39557700	.797	.163	.149	.140	
5	39581300	.883	.168	.153	.140	
6	39632500	1.60	.254	.127	.150	
7	39660000	1.46	.176	.119	.160	
8	39700500	.870	.141	.118	.150	
9	39730000	.739	.136	.104	.150	
10	39766000	1.20	.144	.127	.160	
11	39799800	2.23	.158	.144	.160	
12	39823800	4.09	.207	.183	.160	
13	39873000	4.64	.177	.196	.170	
14	39900500	2.92	.146	.136	.170	
15	39936100	1.90	.147	.135	.180	
16	39969900	1.51	.150	.155	.180	
17	40001500	1.28	.134	.132	.180	
18	40033900	.989	.143	.138	.180	
19	40070600	.898	.146	.123	.160	
20	40104000	1.27	.191	.149	.170	
21	40140000	1.47	.172	.127	.180	
22	40174200	1.75	.138	.111	.170	
23	40216500	1.36	off	.121	.210	
24	40221600	.652	⊘	.144	.270	
25	40296100	.639	⊘	.159	.220	FILTER #1 OFF-LINE
26	40350000	.598	⊘	.148	.190	
27	40407000	.812	⊘	.140	.190	
28	40466600	.837	⊘	.118	.170	
29	40507500	.925	⊘	.145	.200	
30	40569000	1.49	⊘	.212	.160	
31						

	Raw	Filt 1	Filt 2
Turbidity Totals:	<u>42.901</u>	<u>3.64</u>	<u>4.25</u>
Averages:	<u>1.43</u>	<u>.121</u>	<u>.142</u>
Turbidity High:	<u>4.64</u>	<u>.254</u>	<u>.212</u>
Ranges Low:	<u>.598</u>	<u>.136</u>	<u>.104</u>

Production

Meter Reading End of This Month:	<u>40369000</u>	
Meter Reading End of Last Month:	<u>39457500</u>	
Monthly Production:	<u>1,111,500</u>	gallons
Average Daily Production:	<u>37050</u>	gallons/day