

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: April 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				.165			.165	200
2				.154			.154	200
3				.131			.131	200
4				.174			.174	200
5				.130			.130	200
6				.135			.135	200
7				.156			.156	200
8				.126			.126	200
9				.132			.132	200
10				.155			.155	200
11				.109			.109	200
12				.116			.116	200
13				.154			.154	200
14				.120			.120	200
15				.120			.120	200
16				.151			.151	200
17				.196			.196	200
18				.108			.108	200
19				.111			.111	200
20				.099			.099	200
21				.112			.112	200
22				.114			.114	200
23				.109			.109	200
24				.156			.156	200
25				.101			.101	200
26				.110			.110	200
27				.095			.095	200
28				.115			.115	200
29				.130			.130	200
30				.138			.138	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 STONE		
Slow Sand/Cartridge/Membrane/DE Filtration		SIGNATURE: <i>[Signature]</i>		DATE: 5-10-2022
95% of turbidity readings ≤ 1 NTU?	Yes / No	PHONE #: (541) 732-3983 OFFICE		CERT #: D05339
All turbidity readings < 5 NTU?	Yes / No	554-8660 cell		T09340

¹ IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

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

April 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/	0.7	385	269	12°	6.96	48	yes	200
2/	0.6	385	231	12°	7.03	57	yes	200
3/	0.6	385	231	11°	6.97	48	yes	200
4/	0.6	385	231	11°	7.02	57	yes	200
5/	0.5	385	192	11°	6.92	46	yes	200
6/	0.5	385	192	11°	7.30	59	yes	200
7/	0.6	385	231	12°	6.91	48	yes	200
8/	0.5	385	192	15°	6.89	46	yes	200
9/	0.6	385	231	14°	6.93	48	yes	200
10/	0.6	385	231	14°	7.07	57	yes	200
11/	0.6	385	231	12°	6.82	48	yes	200
12/	0.6	385	231	12°	6.85	48	yes	200
13/	0.6	385	231	11°	6.88	48	yes	200
14/	0.5	385	192	10°	6.80	46	yes	200
15/	0.5	385	192	10°	6.79	46	yes	200
16/	0.5	385	192	10°	6.84	46	yes	200
17/	0.6	385	231	10°	6.64	48	yes	200
18/	0.6	385	231	10°	6.79	48	yes	200
19/	0.6	385	231	10°	6.84	48	yes	200
20/	0.6	385	231	11°	6.85	48	yes	200
21/	0.5	385	192	11°	6.87	46	yes	200
22/	0.5	385	192	11°	6.86	46	yes	200
23/	0.6	385	231	11°	6.84	48	yes	200
24/	0.5	385	192	12°	6.79	46	yes	200
25/	0.5	385	192	13°	6.84	46	yes	200
26/	0.4	385	154	13°	6.88	46	yes	200
27/	0.6	385	231	12°	6.85	48	yes	200
28/	0.6	385	231	13°	6.80	48	yes	200
29/	0.6	385	231	13°	6.72	48	yes	200
30/	0.6	385	231	12°	6.83	48	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

TURBIDITY						
DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	37555000	.569	.139	.116	.240	
2	37580100	.583	.144	.121	.240	
3	37604300	.574	.136	.118	.230	
4	37632000	1.19	.243	.108	.230	
5	37665500	1.29	.125	.104	.230	
6	37700000	.985	.134	.115	.230	
7	37728100	.731	.143	.111	.250	
8	37758000	.943	.166	.096	.250	
9	37782800	.929	.158	.108	.240	
10	37807300	1.08	.177	.129	.230	
11	37834000	1.71	.182	.135	.230	
12	37880000	1.47	.121	.109	.230	
13	37907000	1.65	.122	.101	.280	
14	37934500	2.02	.121	.127	.290	
15	37961000	3.78	.124	.161	.260	
16	37989000	4.16	.138	.174	.250	23,664
17	38013500	3.44	.143	.168	.240	
18	38040000	2.40	.111	.115	.230	
19	38080600	2.91	.115	.142	.220	
20	38109000	2.07	.107	.159	.240	
21	38141500	2.21	.118	.151	.250	
22	38167000	1.81	.114	.148	.240	
23	38199500	1.66	.107	.142	.230	
24	38227200	1.26	.110	.106	.230	
25	38265500	1.16	.133	.121	.250	
26	38292500	.906	.102	.118	.240	
27	38325000	.761	.107	.124	.240	
28	38360500	.662	.107	.116	.280	
29	38387500	1.16	.110	.100	.250	
30	38415900	2.81	.129	.117	.270	48,883
31						

Turbidity Totals: Raw 48,883 Filt 1 3.99 Filt 2 3.76
 Averages: 1.63 .132 .125

Turbidity High: 4.16 .243 .174
 Ranges Low: .569 .102 .09

Production

Meter Reading End of This Month: 38,415,900

Meter Reading End of Last Month: 37,530,000

Monthly Production: 885,900 gallons

Average Daily Production: 29,530 gallons/day

