Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir **ID #:** 41 00939 **Month/Year:** JAN 2021

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				.170			.170	200
2				.165			.165	200
3				.172			.172	200
4				.192			.192	200
5				.238			.238	200
6				.247			.247	200
7				.261			.261	200
8				.218			.218	200
9				.215			.215	200
10				.244			.244	200
11				.207			.207	200
12				.213			.213	200
13				.228			.228	200
14				.272			.272	200
15				.333			.333	200
16				.256			.256	200
17				.243			.243	200
18				.195			.195	200
19				.187			.187	200
20				.171			.171	200
21				.164			.164	200
22				.243			.243	200
23				.150			.150	200
24				.150			.150	200
25				.167			.167	200
26				.129			.129	200
27				.182			.182	200
28				.169			.169	200
29				.261			.261	200
30				.154			.154	200
31				.151			.151	200

Conventional or Direct Filtration

95% of turbidity readings ≤ 0.3 NTU? Yes / No
All turbidity readings < 1 NTU? Yes / No
All turbidity readings < IFE triggers? Yes / No [1]

Monthly Summary (Answer Yes or 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?
(Yes) / No	(Yes) / No	(Yes) / No

- OR -

Slow Sand/Cartridge/Membrane/DE Filtration

95% of turbidity readings ≤ 1 NTU? (Yes) / No
All turbidity readings < 5 NTU? (Yes) / No

PRINTED NAME: JACKSON, STONE

SIGNATURE: [signature]

DATE: 2-2-2021

PHONE #: (541) 554-8600 Cell 782-3483 OFFICE.

CERT #: D08834 T03840

[1] IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF **ID #: OR4100939** **WTP-: WTP-A** **Month/Year:** JAN 2021

Date / Time	Minimum Cl_2 Residual at 1st 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	7°	6.28	30	YES	200
2 /	0.7	385	269	7°	6.29	30	YES	200
3 /	0.7	385	269	7°	6.28	30	YES	200
4 /	0.7	385	269	7°	6.24	30	YES	200
5 /	0.6	385	231	7°	6.19	30	YES	200
6 /	0.7	385	269	7°	6.26	30	YES	200
7 /	0.7	385	269	7°	6.34	30	YES	200
8 /	0.7	385	269	7°	6.28	30	YES	200
9 /	0.7	385	269	7°	6.25	30	YES	200
10 /	0.6	385	231	7°	6.35	30	YES	200
11 /	0.6	385	231	7°	6.42	30	YES	200
12 /	0.7	385	269	7°	6.37	30	YES	200
13 /	0.6	385	231	7°	6.41	30	YES	200
14 /	0.6	385	231	7°	6.44	30	YES	200
15 /	0.6	385	231	7°	6.38	30	YES	200
16 /	0.7	385	269	8°	6.32	30	YES	200
17 /	0.7	385	269	8°	6.41	30	YES	200
18 /	0.7	385	269	8°	6.18	30	YES	200
19 /	0.7	385	269	7°	6.23	30	YES	200
20 /	0.6	385	231	7°	6.34	30	YES	200
21 /	0.7	385	269	7°	6.41	30	YES	200
22 /	0.7	385	269	7°	6.38	30	YES	200
23 /	0.7	385	269	7°	6.40	30	YES	200
24 /	0.7	385	269	7°	6.42	30	YES	200
25 /	0.8	385	308	7°	6.39	31	YES	200
26 /	0.8	385	308	7°	6.29	31	YES	200
27 /	0.8	385	308	7°	6.33	31	YES	200
28 /	0.7	385	269	7°	6.26	30	YES	200
29 /	0.8	385	308	8°	6.31	31	YES	200
30 /	0.7	385	269	8°	6.28	30	YES	200
31 /	0.8	385	308	8°	6.40	31	YES	200

[3] If Cl_2 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

Water System CITY OF WESTFIR Date JAN 2021 Water Supt. JACKSON STONE

Source of Water N/F WILLAMETTE RIVER No. of Services 131 Populstion Served 250

Chlorine Product Used SODIUM HYPOCHLORITE Strength as Fed 12.5% Make & Type of Chlorinator CHEM-FEED CC30-P

OR 4100439

Day of Month	Master Meter Reading Gallons	Daily Water Production	Chlorine Used Gallons	FREE CHLORINE RESIDUAL TEST Test Method _____ 1. Contact_Chamber_____ 2._____ 3._____ 4._____ 5._Random Point* 1ST SERVICE SP#1 ppm | SP #2 ppm | SP #3 ppm | SP #4 ppm | SP #5 ppm*	REMARKS Shown below, by date, any unusual occurrences affecting chlorination or operation of the water system; also addresses of random points.
1	20694700	36,000	.36	0.8 | 0.6 | 0.6 | 0.7 | 0.7	0.5
2	20725500	30,800	.36	0.8 | 0.6 | 0.6 | 0.7 | 0.7	0.8
3	20763100	37,600	.36	0.8 | 0.6 | 0.7 | 0.7 | 0.7	0.3
4	20797700	34,600	.48	0.8 | 0.6 | 0.6 | 0.6 | 0.7	0.7
5	20846800	49,100	.36	1.0 | 0.6 | 0.5 | 0.6 | 0.6	0.3
6	20878600	31,800	.24	1.0 | 0.6 | 0.5 | 0.6 | 0.7	0.2
7	20903100	24,500	.48	0.9 | 0.6 | 0.6 | 0.5 | 0.7	0.6
8	20955100	52,000	.36	0.9 | 0.5 | 0.6 | 0.6 | 0.7	0.1
9	20981300	26,200	.36	0.9 | 0.6 | 0.6 | 0.6 | 0.7	0.1
10	21018300	37,000	.36	0.9 | 0.5 | 0.6 | 0.6 | 0.6	
11	21051200	32,900	.48	0.8 | 0.5 | 0.5 | 0.6 | 0.6	0.6
12	21104500	53,300	.36	1.0 | 0.6 | 0.5 | 0.6 | 0.7	1.0
13	21134700	30,200	.24	0.9 | 0.6 | 0.6 | 0.7 | 0.6	
14	21157800	23,100	.48	0.8 | 0.5 | 0.6 | 0.7 | 0.6	
15	21223900	66,100	.36	1.0 | 0.6 | 0.5 | 0.6 | 0.6	0.1
16	21249700	25,800	.36	0.9 | 0.6 | 0.5 | 0.6 | 0.7	
17	21286000	36,300	.36	0.8 | 0.6 | 0.5 | 0.6 | 0.7	
18	21328000	42,000	.36	0.8 | 0.7 | 0.5 | 0.6 | 0.7	
19	21364900	36,900	.36	0.8 | 0.6 | 0.5 | 0.5 | 0.7	
20	21391900	27,000	.48	0.9 | 0.6 | 0.6 | 0.5 | 0.6	
21	21449900	57,000	.36	0.8 | 0.5 | 0.5 | 0.5 | 0.7	
22	21475000	26,100	.48	0.9 | 0.6 | 0.5 | 0.5 | 0.7	0.1
23	21517500	42,500	.48	0.9 | 0.6 | 0.5 | 0.5 | 0.7	0.1
24	21554100	36,600	.48	0.8 | 0.7 | 0.5 | 0.5 | 0.7	0.3
25	21595700	41,600	.36	1.0 | 0.7 | 0.6 | 0.5 | 0.8	0.1
26	21622000	26,300	.48	0.9 | 0.7 | 0.6 | 0.5 | 0.8	0.4
27	21669000	47,000	.36	1.0 | 0.7 | 0.7 | 0.5 | 0.8	0.3
28	21721200	52,200	.48	0.9 | 0.7 | 0.6 | 0.5 | 0.7	0.1
29	21751600	30,400	.48	1.0 | 0.7 | 0.6 | 0.7 | 0.8	
30	21788700	37,100	.36	0.9 | 0.7 | 0.5 | 0.6 | 0.7	0.2
31	21824300	35,600	.48	0.9 | 0.7 | 0.5 | 0.6 | 0.8	0.1
					7.04 TOTAL RAINFALL

WESTFIR WATER SYSTEM

MONTH/YEAR JAN 2021

OR 4100939

TURBIDITY

DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	20694700	1.33	.197	.468	.150	
2	20725500	1.65	.185	.239	.150	
3	20763100	3.50	.183	.167	.140	
4	20797700	3.18	.179	.201	.140	
5	20846800	2.13	.188	.252	.160	
6	20873600	3.41	.207	.266	.180	
7	20903100	2.68	.233	.248	.170	
8	20955100	1.38	.258	.266	.170	
9	20981300	1.41	.205	.233	.170	
10	21018300	1.32	.232	.189	.160	
11	21051200	1.61	.221	.177	.150	
12	21104500	2.07	.231	.189	.140	
13	21134700	8.94	.254	.207	.140	
14	21157800	9.06	.289	.248	.130	
15	21223900	4.97	.362	.270	.220	
16	21249700	1.46	.370	.170	.200	
17	21286000	1.28	.225	.249	.180	
18	21329000	.916	.187	.232	.160	
19	21364900	.844	.174	.180	.160	
20	21391900	.831	.169	.174	.190	
21	21448900	.794	.168	.163	.170	
22	21475000	.781	.268	.199	.140	
23	21517500	.742	.145	.167	.140	
24	21554100	.737	.191	.163	.130	
25	21595700	.801	.179	.154	.140	
26	21622000	.529	.181	.147	.130	
27	21669000	.771	.203	.161	.130	
28	21721200	.844	.221	.181	.110	
29	21751600	.907	.252	.217	.110	
30	21788700	.673	.244	.162	.130	
31	21824300	.702	.220	.171	.120	

	Raw	Filt 1	Filt 2
Turbidity Totals:	62.252	6.821	6.57
Averages:	2.01	.220	.210
Turbidity Ranges High:	9.06	.370	.468
Low:	.529	.145	.147

Production

Meter Reading End of This Month: 21,824,300

Meter Reading End of Last Month: 20,657,800

Monthly Production: 1,166,500 **gallons**

Average Daily Production: 37,629 **gallons/day**