Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir **ID #:** 41 00939 **Month/Year:** June 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				.188			.188	200
2				.163			.163	200
3				.151			.151	200
4				.149			.149	200
5				.249			.249	200
6				.179			.179	200
7				.166			.166	200
8				.168			.168	200
9				.159			.159	200
10				.168			.168	200
11				.159			.159	200
12				.193			.193	200
13				.177			.177	200
14				.158			.158	200
15				.138			.138	200
16				.129			.129	200
17				.124			.124	200
18				.121			.121	200
19				.210			.210	200
20				.232			.232	200
21				.177			.177	200
22				.168			.168	200
23				.164			.164	200
24				.159			.159	200
25				.161			.161	200
26				.167			.167	200
27				.188			.188	200
28				.181			.181	200
29				.178			.178	200
30				.190			.190	200
31								200

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)		
95% of turbidity readings ≤ 0.3 NTU? Yes / No All turbidity readings < 1 NTU? Yes / No All turbidity readings < IFE triggers? Yes / No [1]	CT's met everyday? (see back) (Yes) / No	All Cl_2 residual at entry point ≥ 0.2 mg/l? (Yes) / No	Cl_2 residual measured in 95% of distribution samples? (Yes) / No
- OR -	PRINTED NAME: JACKSON STONE		
(Slow Sand)/Cartridge/Membrane/DE Filtration	SIGNATURE:		DATE: 7-1-2021
95% of turbidity readings ≤ 1 NTU? (Yes) / No All turbidity readings < 5 NTU? (Yes) / No	PHONE #: (541) 554-8660 Cell 782-3983 OFFICE		CERT #: D08839 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:** JUNE 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	17°	7.03	21	YES	200
2 /	0.7	385	269	17°	7.06	21	YES	200
3 /	0.7	385	269	20°	6.97	18	YES	200
4 /	0.7	385	269	21°	7.39	14	YES	200
5 /	0.7	385	269	20°	7.10	21	YES	200
6 /	0.7	385	269	19°	7.20	21	YES	200
7 /	0.7	385	269	19°	7.11	21	YES	200
8 /	0.7	385	269	19°	6.96	18	YES	200
9 /	0.7	385	269	19°	6.94	18	YES	200
10 /	0.7	385	269	19°	7.01	21	YES	200
11 /	0.6	385	231	19°	6.98	18	YES	200
12 /	0.6	385	231	18°	7.10	21	YES	200
13 /	0.6	385	231	17°	7.04	21	YES	200
14 /	0.7	385	269	18°	6.94	18	YES	200
15 /	0.6	385	231	19°	6.89	18	YES	200
16 /	0.7	385	269	20°	7.01	21	YES	200
17 /	0.7	385	269	20°	7.10	21	YES	200
18 /	0.7	385	269	20°	7.48	21	YES	200
19 /	0.8	385	308	19°	7.09	22	YES	200
20 /	0.7	385	269	19°	7.17	21	YES	200
21 /	0.7	385	269	19°	7.11	21	YES	200
22 /	0.7	385	269	20°	7.15	21	YES	200
23 /	0.7	385	269	21°	7.13	14	YES	200
24 /	0.7	385	269	21°	7.21	14	YES	200
25 /	0.6	385	231	22°	7.09	14	YES	200
26 /	0.7	385	269	22°	7.10	14	YES	200
27 /	0.6	385	231	23°	7.16	14	YES	200
28 /	0.6	385	231	24°	7.21	14	YES	200
29 /	0.6	385	231	24°	6.95	12	YES	200
30 /	0.7	385	269	24°	7.02	14	YES	200
31 /		385						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

WESTFIR WATER SYSTEM MONTH/YEAR June 2021

OR 4100939

TURBIDITY

DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	25810900	.443	.153	.139	.240	
2	25857600	.411	.153	.121	.130	
3	25901800	.387	.149	.109	.140	
4	25932200	.367	.141	.118	.120	
5	25972800	.392	.181	.157	.120	
6	26011000	.301	.167	.162	.140	
7	26060800	.294	.159	.148	.120	
8	26102300	.308	.164	.144	.130	
9	26125700	.373	.169	.151	.140	
10	26168400	.407	.174	.156	.120	
11	26200700	.481	.171	.149	.110	
12	26225000	.590	.195	.112	.130	
13	26261500	.445	.164	.110	.110	
14	26284700	.518	.171	.128	.130	
15	26335700	.447	.149	.105	.110	
16	26361100	.429	.138	.103	.130	
17	26410700	.411	.134	.111	.130	
18	26438700	.394	.131	.116	.150	
19	26480100	.355	.160	.218	.120	
20	26528000	.459	.189	.124	.130	
21	26602700	.547	.242	.125	.140	
22	26659700	.529	.191	.129	.150	
23	26688000	.292	.232	.140	.160	
24	26763000	.318	.197	.137	.150	
25	26825100	.298	.188	.141	.140	
26	26875500	.416	.185	.152	.120	
27	26937000	.411	.187	.122	.120	
28	27020700	.403	.178	.127	.160	
29	27095300	.422	.169	.131	.150	
30	27150100	.493	.188	.122	.130	
31						

	Raw	Filt 1	Filt 2
Turbidity Totals:	12,341	5,174	3,987
Averages:	.411	.172	.133
Turbidity Ranges High:	.590	.242	.218
Low:	.292	.131	.103

Production

Meter Reading End of This Month: 27,150,100

Meter Reading End of Last Month: 25,740,100

Monthly Production: 1,410,000 **gallons**

Average Daily Production: 47,000 **gallons/day**

OR 4100939

Water System CITY OF WESTFIR Date JUNE 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 CHLEW FEED C-630P

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 NOTE 1ST SERVICE *					REMARKS Shown below, by date, any unusual occurrences affecting chlorination or operation of the water system; also addresses of random points.
				SP#1 ppm	SP #2 ppm	SP #3 ppm	SP #4 ppm	SP #5 ppm*	
1	25810900	70,800	.48	0.9	0.5	0.6	0.7	0.7	
2	25857600	46,700	.48	1.0	0.6	0.7	0.6	0.7	
3	25901800	44,200	.48	1.0	0.7	0.7	0.6	0.7	
4	25932200	30,400	.48	0.9	0.7	0.6	0.6	0.7	
5	25972800	40,600	.36	0.9	0.7	0.6	0.6	0.7	
6	26011000	38,200	.48	0.9	0.7	0.5	0.6	0.7	
7	26060800	49,800	.48	0.9	0.7	0.5	0.6	0.7	
8	26102900	42,000	.36	0.9	0.6	0.5	0.6	0.7	0.3
9	26125700	22,900	.84	1.0	0.6	0.6	0.6	0.7	0.2
10	26169400	42,700	.36	1.0	0.5	0.5	0.6	0.7	0.2
11	26200700	32,300	.36	0.9	0.5	0.6	0.6	0.6	0.7
12	26225000	24,300	.36	0.9	0.5	0.5	0.6	0.6	0.4
13	26261500	36,500	.60	1.0	0.5	0.5	0.6	0.6	0.1
14	26284700	23,200	.36	0.9	0.5	0.4	0.6	0.7	
15	26335700	51,000	.60	1.0	0.5	0.5	0.5	0.6	
16	26361100	25,400	.36	1.0	0.6	0.5	0.6	0.7	
17	26410700	49,600	.60	0.9	0.6	0.5	0.7	0.7	
18	26438700	28,000	.48	0.9	0.6	0.5	0.6	0.7	
19	26480100	41,400	.48	1.0	0.7	0.5	0.6	0.8	
20	26528000	47,900	.72	0.9	0.6	0.4	0.6	0.7	
21	26602700	74,700	.60	0.9	0.7	0.5	0.6	0.7	
22	26659700	57,000	.24	0.9	0.7	0.6	0.6	0.7	
23	26688000	28,300	.72	0.9	0.7	0.6	0.7	0.7	
24	26763000	75,000	.72	1.0	0.7	0.6	0.6	0.7	
25	26825100	62,100	.48	0.9	0.6	0.5	0.6	0.6	
26	26875500	50,400	.60	1.0	0.6	0.5	0.6	0.7	
27	26931000	61,500	1.20	1.0	0.6	0.5	0.6	0.6	
28	27020700	83,700	.72	0.8	0.6	0.5	0.5	0.6	
29	27095300	74,600	.48	1.0	0.6	0.4	0.5	0.6	
30	27150100	54,800	.48	1.0	0.6	0.5	0.6	0.7	
31									
									1.9" TOTAL RAINFALL