Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir **ID #:** 41 00939 **Month/Year:** March 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				.140			.140	200
2				.214			.214	200
3				.111			.111	200
4				.117			.117	200
5				.133			.133	200
6				.138			.138	200
7				.114			.114	200
8				.136			.136	200
9				.119			.119	200
10				.116			.116	200
11				.112			.112	200
12				.134			.134	200
13				.246			.246	200
14				.182			.182	200
15				.217			.217	200
16				.175			.175	200
17				.231			.231	200
18				.232			.232	200
19				.161			.161	200
20				.218			.218	200
21				.223			.223	200
22				.291			.291	200
23				.213			.213	200
24				.207			.207	200
25				.125			.125	200
26				.119			.119	200
27				.173			.173	200
28				.124			.124	200
29				.176			.176	200
30				.150			.150	200
31				.139			.139	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]

- OR -

Slow Sand/Cartridge/Membrane/DE Filtration

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

[1] IFE = Individual Filter Effluent

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

PRINTED NAME: Jackson Stone

SIGNATURE: [signature] DATE: 4-2-2022

PHONE #: (541) 554-8666 cell, 782-3483 office CERT #: D08839, T08840

I:MC\Forms\Turbidity Report Form – GW – Rev 12/04

OHA - Drinking Water Program – Surface Water Quality Data Form

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

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 /	0.8	385	308	8°	7.15	58	yes	200
2 /	0.8	385	308	9°	7.00	49	yes	200
3 /	0.8	385	308	8°	6.94	49	yes	200
4 /	0.8	385	308	8°	6.99	49	yes	200
5 /	0.7	385	269	7°	6.94	48	yes	200
6 /	1.0	385	385	8°	6.97	50	yes	200
7 /	0.9	385	347	8°	6.97	49	yes	200
8 /	0.8	385	308	8°	6.92	49	yes	200
9 /	0.8	385	308	8°	6.84	49	yes	200
10 /	0.7	385	269	8°	6.97	48	yes	200
11 /	0.7	385	269	8°	6.95	48	yes	200
12 /	0.7	385	269	7°	7.03	57	yes	200
13 /	0.8	385	308	7°	6.93	49	yes	200
14 /	0.8	385	308	8°	6.92	49	yes	200
15 /	0.8	385	308	9°	6.97	49	yes	200
16 /	0.7	385	269	9°	6.94	48	yes	200
17 /	0.7	385	269	9°	6.97	48	yes	200
18 /	0.7	385	269	9°	6.96	48	yes	200
19 /	0.8	385	308	9°	7.07	58	yes	200
20 /	0.8	385	308	9°	6.96	49	yes	200
21 /	0.7	385	269	9°	6.95	48	yes	200
22 /	0.7	385	269	9°	7.22	57	yes	200
23 /	0.7	385	269	10°	6.82	48	yes	200
24 /	0.6	385	231	10°	6.96	48	yes	200
25 /	0.7	385	269	12°	6.92	48	yes	200
26 /	0.7	385	269	11°	6.94	48	yes	200
27 /	0.7	385	269	11°	6.90	48	yes	200
28 /	0.7	385	269	12°	7.02	57	yes	200
29 /	0.7	385	269	12°	6.98	48	yes	200
30 /	0.6	385	231	12°	6.94	48	yes	200
31 /	0.6	385	231	12°	7.00	48	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

WESTFIR WATER SYSTEM

MONTH/YEAR March 2022

TURBIDITY

DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	36668100	.871	.200	.151	.200	
2	36693000	1.08	.204	.138	.240	
3	36721100	2.96	.175	.126	.230	
4	36750000	1.48	.138	.132	.230	
5	36773700	1.09	.099	.101	.210	
6	36804700	.989	.104	.111	.230	
7	36830000	.728	.150	.173	.230	
8	36871600	.1633	.169	.134	.220	
9	36900000	.547	.190	.147	.240	
10	36927500	.573	.194	.149	.220	
11	36954000	.492	.086	.148	.240	
12	36980200	.469	.101	.121	.220	
13	37003900	.858	.124	.138	.230	
14	37030000	.585	.158	.135	.220	
15	37071500	2.03	.143	.127	.220	
16	37096100	1.54	.213	.115	.230	
17	37128000	1.08	.134	.214	.230	
18	37155200	.828	.142	.158	.230	
19	37181300	.801	.156	.163	.250	
20	37206000	1.53	.139	.127	.230	
21	37231000	1.42	.142	.091	.230	
22	37270000	.775	.159	.091	.220	
23	37299000	.843	.151	.113	.220	
24	37325000	.899	.237	.117	.230	
25	37350000	.638	.247	.157	.220	
26	37383500	.681	.130	.089	.220	
27	37408200	.672	.141	.114	.230	
28	37433300	.748	.144	.110	.220	
29	37472500	.486	.143	.095	.220	
30	37497500	.421	.126	.114	.240	
31	37530000	.726	.172	.113	.230	

	Raw	Filt 1	Filt 2
Turbidity Totals:	29.473	4.761	4.012
Averages:	.951	.154	.129
Turbidity High:	2.96	.247	.214
Ranges Low:	.421	.086	.089

Production

Meter Reading End of This Month: 37530000

Meter Reading End of Last Month: 36,627,700

Monthly Production: 902,300 **gallons**

Average Daily Production: 29,106 **gallons/day**

Water System CITY OF WESTFIR Date March 2022 Water Supt. JACKSON STONE

Source of Water W/F Willamette River No. of Services 131 Populstion Served 250

Chlorine Product Used Sodium Hypochlorite Strength as Fed 12.5 % Make & Type of Chlorinator CHEMI-FEED C630-P

OR4100939

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 ~~X~~ NOTE 1 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 ~~X~~	
1	36668100	40400	.24	1.0 / 0.8 / 0.7 / 0.8 / 0.8	
2	36693000	24900	.24	0.9 / 0.8 / 0.7 / 0.8 / 0.8	
3	36721100	28100	.12	0.9 / 0.8 / 0.7 / 0.8 / 0.8	
4	36750000	28900	.24	0.9 / 0.8 / 0.7 / 0.7 / 0.8	
5	36773700	23700	.24	1.1 / 0.8 / 0.7 / 0.6 / 0.7	
6	36804700	31000	.36	1.0 / 0.7 / 0.8 / 0.9 / 1.0	
7	36830000	25300	.36	0.9 / 0.8 / 0.8 / 0.8 / 0.9	
8	36871600	41600	.36	0.9 / 0.8 / 0.7 / 0.8 / 0.8	
9	36900000	28400	.12	0.8 / 0.7 / 0.7 / 0.8 / 0.8	
10	36927500	27500	.12	0.9 / 0.8 / 0.7 / 0.7 / 0.7	
11	36954000	26500	.36	0.8 / 0.7 / 0.7 / 0.7 / 0.7	
12	36980200	26200	.12	1.0 / 0.7 / 0.8 / 0.9 / 1.0	
13	37003900	23700	.24	0.9 / 0.6 / 0.7 / 0.7 / 0.8	
14	37030000	26100	.24	0.9 / 0.6 / 0.7 / 0.7 / 0.8	
15	37071500	41500	.36	0.8 / 0.7 / 0.7 / 0.7 / 0.8	
16	37091600	24600	.24	0.9 / 0.8 / 0.6 / 0.7 / 0.7	
17	37128000	31900	.24	0.9 / 0.7 / 0.6 / 0.6 / 0.7	
18	37155200	27200	.36	0.9 / 0.7 / 0.6 / 0.6 / 0.7	
19	37182300	27100	.12	0.9 / 0.7 / 0.6 / 0.6 / 0.8	
20	37206000	23700	.12	0.9 / 0.6 / 0.6 / 0.7 / 0.8	
21	37231000	25000	.24	0.8 / 0.6 / 0.6 / 0.7 / 0.7	
22	37270000	39000	.24	0.9 / 0.6 / 0.6 / 0.6 / 0.7	
23	37299000	29000	.12	0.8 / 0.6 / 0.6 / 0.5 / 0.7	
24	37325000	26000	.12	0.9 / 0.7 / 0.6 / 0.6 / 0.6	
25	37350000	25000	.36	1.1 / 0.6 / 0.6 / 0.6 / 0.7	
26	37383500	33500	.12	1.0 / 0.6 / 0.5 / 0.6 / 0.7	
27	37408200	24700	.12	0.9 / 0.6 / 0.5 / 0.6 / 0.7	
28	37433300	25100	.24	0.9 / 0.7 / 0.6 / 0.6 / 0.7	
29	37472500	39200	.24	0.8 / 0.7 / 0.5 / 0.6 / 0.7	
30	37497500	25000	.24	0.8 / 0.6 / 0.6 / 0.5 / 0.6	
31	37530000	32500	.24	0.8 / 0.6 / 0.5 / 0.5 / 0.6	