

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: Jan 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				.149			.149	200
2				.171			.171	200
3				.286			.286	200
4				.118			.118	200
5				.190			.190	200
6				.220			.220	200
7				.252			.252	200
8				.246			.246	200
9				.329			.329	200
10				.370			.370	200
11				.277			.277	200
12				.311			.311	200
13				.254			.254	200
14				.256			.256	200
15				.244			.244	200
16				.218			.218	200
17				.269			.269	200
18				.194			.194	200
19				.208			.208	200
20				.236			.236	200
21				.290			.290	200
22				.267			.267	200
23				.249			.249	200
24				.264			.264	200
25				.167			.167	200
26				.260			.260	200
27				.185			.185	200
28				.180			.180	200
29				.191			.191	200
30				.179			.179	200
31				.213			.213	200

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)		
95% of turbidity readings ≤ 0.3 NTU? <input type="checkbox"/> Yes / <input type="checkbox"/> No	CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	Cl ₂ residual measured in 95% of distribution samples? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
All turbidity readings < 1 NTU? <input type="checkbox"/> Yes / <input type="checkbox"/> No			
All turbidity readings < IFE triggers? <input type="checkbox"/> Yes / <input type="checkbox"/> No			
- OR -	PRINTED NAME: JACKSON STANIE		
<input checked="" type="checkbox"/> Slow Sand/Cartridge/Membrane/DE Filtration	SIGNATURE: <i>[Signature]</i>		DATE: 2-3-2022
95% of turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	PHONE #: (541) 554-8660 cell		CERT #: D08839
All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	782-3983 OFFICE		T08340

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 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/	0.8	385	308	6°	6.68	37	Yes	200
2/	0.8	385	308	6°	6.73	37	Yes	200
3/	0.8	385	308	6°	6.78	37	Yes	200
4/	0.8	385	308	5°	6.78	49	Yes	200
5/	0.8	385	308	5°	6.76	49	Yes	200
6/	0.8	385	308	5°	6.78	49	Yes	200
7/	0.7	385	269	6°	6.80	37	Yes	200
8/	0.7	385	269	6°	6.76	37	Yes	200
9/	0.6	385	231	6°	6.81	36	Yes	200
10/	0.7	385	269	5°	7.09	57	Yes	200
11/	0.7	385	269	6°	6.75	37	Yes	200
12/	0.7	385	269	6°	6.82	37	Yes	200
13/	0.8	385	308	6°	6.84	37	Yes	200
14/	0.8	385	308	6°	6.87	37	Yes	200
15/	1.0	385	385	6°	7.40	45	Yes	200
16/	0.9	385	347	6°	7.18	44	Yes	200
17/	0.8	385	308	6°	6.81	37	Yes	200
18/	0.8	385	308	6°	6.80	37	Yes	200
19/	0.7	385	269	6°	7.29	43	Yes	200
20/	0.8	385	308	7°	6.85	37	Yes	200
21/	0.8	385	308	7°	6.88	37	Yes	200
22/	0.9	385	347	6°	6.85	37	Yes	200
23/	0.8	385	308	7°	6.79	37	Yes	200
24/	0.8	385	308	6°	6.88	37	Yes	200
25/	0.8	385	308	6°	6.86	37	Yes	200
26/	0.8	385	308	6°	6.86	37	Yes	200
27/	0.8	385	308	5°	6.68	49	Yes	200
28/	0.8	385	308	5°	6.75	49	Yes	200
29/	0.9	385	347	6°	6.83	37	Yes	200
30/	1.0	385	385	6°	6.81	37	Yes	200
31/	1.0	385	385	6°	7.26	45	Yes	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

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Water System CITY OF WESTFIRE Date JAN 2022 Water Supt. JACKSON STONE

Source of Water W/ WILLAMETTE RIVER No. of Services 131 Population Served 250

Chlorine Product Used SODIUM HYPOCHLORITE Strength as Fed 12.5% Make & Type of Chlorinator CHLOR-FRED C-630-P

Day of Month	Master Meter Reading Gallons	Daily Water Production	Chlorine Used Gallons	FREE CHLORINE RESIDUAL TEST					REMARKS Shown below, by date, any unusual occurrences affecting chlorination or operation of the water system; also addresses of random points.
				Test Method					
				1. Contact Chamber _____					
				2. _____					
				3. _____					
				4. _____					
				5. Random Point <u>NOTE: 1 SAMPLE</u>					
				SP#1	SP#2	SP#3	SP#4	SP#5	
				ppm	ppm	ppm	ppm	ppm	
1	34908500	23600	.24	0.9	0.7	0.6	0.6	0.8	
2	34932900	24000	.36	1.1	0.7	0.6	0.7	0.8	
3	34961900	29000	.60	1.0	0.7	0.7	0.7	0.8	
4	35013000	51100	.36	1.1	0.7	0.7	0.6	0.8	
5	35037500	24500	.36	1.1	0.7	0.7	0.7	0.8	
6	35065000	27500	.30	1.0	0.8	0.8	0.7	0.8	
7	35093500	28000	.48	1.0	0.8	0.7	0.6	0.7	
8	35120100	26600	.12	1.2	0.7	0.6	0.6	0.7	
9	35144400	24300	.24	0.8	0.8	0.6	0.7	0.6	
10	35170000	26600	.60	0.8	0.8	0.7	0.7	0.7	
11	35215100	44100	.36	1.0	0.8	0.7	0.7	0.7	
12	35246000	30900	.36	1.0	0.8	0.7	0.6	0.7	
13	35273000	27000	.36	1.0	0.8	0.7	0.6	0.8	
14	35306000	33000	.48	0.9	0.8	0.7	0.7	0.8	
15	35341400	35400	.36	1.5	0.8	0.7	0.8	1.0	
16	35366100	24700	.24	1.2	0.9	0.9	0.8	1.0	
17	35392100	26000	.60	1.1	0.9	0.8	0.9	0.8	
18	35436700	44600	.48	1.0	0.8	0.7	0.8	0.7	
19	35463000	26300	.36	1.0	0.8	0.7	0.7	0.7	
20	35493700	30700	.48	1.0	0.8	0.7	0.7	0.8	
21	35525500	31800	.48	1.0	0.8	0.7	0.7	0.8	
22	35552200	26700	.36	1.4	0.7	0.6	0.7	0.9	
23	35576300	24100	.36	1.1	0.7	0.6	0.7	0.8	
24	35602100	25800	.48	1.1	0.7	0.6	0.7	0.8	
25	35647300	45200	.48	1.1	0.7	0.7	0.7	0.8	
26	35677500	30200	.48	1.1	0.8	0.7	0.7	0.8	
27	35704500	27000	.36	1.2	0.7	0.7	0.7	0.8	
28	35731500	27000	.36	1.0	0.7	0.7	0.7	0.8	
29	35759200	27700	.24	1.0	0.6	0.7	0.8	0.9	
30	35782900	23700	.36	1.2	0.7	0.7	0.8	1.0	
31	35808100	25200	.48	1.0	0.8	0.7	0.8	1.0	

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TURBIDITY						NOTES
DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	
1	34908500	.743	.161	.154	.190	
2	34932900	.727	.157	.143	.190	
3	34961900	1.42	.174	.176	.200	
4	35013000	4.47	.156	.168	.180	
5	35037500	8.70	.185	.223	.230	
6	35065000	8.12	.111	.233	.240	
7	35093500	7.06	.203	.429	.280	
8	35120100	6.92	.211	.308	.330	
9	35144400	6.78	.343	.321	.380	
10	35171000	1.56	.232	.462	.370	
11	35215100	1.45	.214	.337	.370	
12	35246000	1.24	.209	.318	.350	
13	35273000	2.94	.230	.390	.320	
14	35306000	1.51	.156	.273	.300	
15	35341400	1.43	.177	.234	.290	
16	35366100	1.21	.164	.221	.270	
17	35392100	1.15	.164	.289	.270	
18	35436700	.869	.170	.245	.250	
19	35463000	1.70	.238	.281	.260	
20	35493700	2.40	.375	.325	.250	
21	35525500	1.79	.224	.270	.240	
22	35552200	2.03	.198	.254	.240	
23	35576300	2.56	.214	.261	.230	
24	35602100	3.14	.3115	.310	.230	
25	35647300	.935	.185	.194	.220	
26	35677500	1.18	.183	.196	.220	
27	35704500	.881	.204	.212	.240	
28	35731500	1.07	.243	.211	.230	
29	35759200	.971	.223	.201	.230	
30	35782900	.878	.198	.184	.220	
31	35808100	1.22	.181	.286	.220	

	Raw	Filt 1	Filt 2
Turbidity Totals:	<u>77.82</u>	<u>6.39</u>	<u>8.10</u>
Averages:	<u>2.51</u>	<u>.206</u>	<u>.261</u>
Turbidity High:	<u>8.70</u>	<u>.375</u>	<u>.462</u>
Ranges Low:	<u>.727</u>	<u>.111</u>	<u>.143</u>

Production

Meter Reading End of This Month: 35,808,100
 Meter Reading End of Last Month: 34,884,900
 Monthly Production: 923,200 gallons
 Average Daily Production: 29,781 gallons/day