

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir ID #: 41 00939 Month/Year: November 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				.100			.100	200
2				.108			.108	200
3				.079			.079	200
4				.077			.077	200
5				.061			.061	200
6				.099			.099	200
7				.082			.082	200
8				.152			.152	200
9				.133			.133	200
10				.183			.183	200
11				.154			.154	200
12				.245			.245	200
13				.186			.186	200
14				.166			.166	200
15				.152			.152	200
16				.108			.108	200
17				.103			.103	200
18				.112			.112	200
19				.093			.093	200
20				.134			.134	200
21				.179			.179	200
22				.197			.197	200
23				.121			.121	200
24				.119			.119	200
25				.179			.179	200
26				.321			.321	200
27				.158			.158	200
28				.102			.102	200
29				.158			.158	200
30				.125			.125	200
31								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 ¹			
- OR -	PRINTED NAME: <u>JACKSON STONE</u>		
<input checked="" type="checkbox"/> Slow Sand/Cartridge/Membrane/DE Filtration	SIGNATURE: <u>[Signature]</u>	DATE: <u>12-5-2022</u>	
95% of turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	PHONE #: <u>(541) 554-8060</u>	CERT #: <u>D08839</u>	
All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	<u>182-3983</u>	<u>708340</u>	

¹ IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

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

November 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/	0.6	385	231	14	7.48	43	Yes	200
2/	0.5	385	192	13	7.36	42	Yes	200
3/	0.6	385	231	13	7.40	43	Yes	200
4/	0.6	385	231	13	7.55	51	Yes	200
5/	0.6	385	231	13	7.44	43	Yes	200
6/	0.6	385	231	13	7.41	43	Yes	200
7/	0.7	385	269	13	7.30	43	Yes	200
8/	0.6	385	231	13	6.52	36	Yes	200
9/	0.7	385	269	11	6.66	36	Yes	200
10/	0.7	385	269	12	6.53	36	Yes	200
11/	0.6	385	231	12	6.68	36	Yes	200
12/	0.6	385	231	12	6.75	36	Yes	200
13/	0.5	385	192	12	6.66	35	Yes	200
14/	0.6	385	231	11	6.69	36	Yes	200
15/	0.6	385	231	10	6.59	36	Yes	200
16/	0.6	385	231	11	6.61	36	Yes	200
17/	0.6	385	231	10	6.62	36	Yes	200
18/	0.5	385	192	9	6.71	35	Yes	200
19/	0.5	385	192	9	6.74	35	Yes	200
20/	0.7	385	269	9	6.51	36	Yes	200
21/	0.7	385	269	8	6.71	36	Yes	200
22/	0.7	385	269	8	6.73	36	Yes	200
23/	0.7	385	269	9	6.79	36	Yes	200
24/	0.8	385	308	8	6.70	37	Yes	200
25/	0.8	385	308	9	7.36	43	Yes	200
26/	0.7	385	269	9	6.89	36	Yes	200
27/	0.7	385	269	8	6.90	36	Yes	200
28/	0.7	385	269	9	6.75	36	Yes	200
29/	0.8	385	308	8	6.84	37	Yes	200
30/	0.7	385	269	8	6.94	36	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	46921300	.383	.044	.126	.010	RF 0.6
2	46949800	.598	.075	.068	.020	0.1
3	46983400	.545	.065	.159	.080	0.2
4	47009100	.395	.045	.101	.110	1.6
5	47040100	1.59	.129	.076	.060	0.2
6	47070600	1.69	.059	.178	.050	RF. 0.7
7	47107000	1.39	.061	.284	.060	0.3
8	47146400	.945	.109	.224	.040	0.1
9	47172500	1.04	.092	.259	.060	
10	47200600	.519	.107	.264	.100	
11	47230200	1.87	.097	.349	.030	
12	47258100	.459	.104	.168	.080	
13	47288300	.776	.086	.151	.070	
14	47317700	.419	.107	.156	.070	
15	47353000	.358	.071	.147	.030	
16	47383000	.393	.083	.167	.030	
17	47410700	.361	.063	.113	.050	
18	47431000	.236	.118	.115	.010	
19	47473000	.497	.102	.130	.050	
20	47500400	.243	.086	.115	.030	
21	47533800	.305	.115	.127	.020	
22	47567300	.441	.134	.129	.120	RF 0.3
23	47605100	.327	.073	.167	.160	
24	47634200	.538	.127	.119	.080	
25	47668000	.312	.088	.100	.080	0.1
26	47702300	.216	.077	.107	.120	
27	47742500	.286	.099	.125	.080	0.5
28	47798600	.814	.102	.115	.030	0.2
29	47852500	1.04	.107	.119	.060	0.2
30	47892000	1.07	.138	.114	.101	1.0
31						

RF Rainfall

Turbidity Totals: 20.12 2.77 4.52
 Averages: .671 .092 .150

Turbidity High: 1.87 .139 .349
 Ranges Low: .236 .044 .068

Production

Meter Reading End of This Month: 47892000
 Meter Reading End of Last Month: 46888700
 Monthly Production: 1,003,300 gallons
 Average Daily Production: 33443 gallons/day