

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: Dec 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				.142			.142	200
2				.141			.141	200
3				.145			.145	200
4				.139			.139	200
5				.142			.142	200
6				.132			.132	200
7				.129			.129	200
8				.101			.101	200
9				.087			.087	200
10				.076			.076	200
11				.100			.100	200
12				.128			.128	200
13				.134			.134	200
14				.126			.126	200
15				.119			.119	200
16				.121			.121	200
17				.116			.116	200
18				.107			.107	200
19				.142			.142	200
20				.193			.193	200
21				.114			.114	200
22				.181			.181	200
23				.141			.141	200
24				.153			.153	200
25				.171			.171	200
26				.188			.188	200
27				.154			.154	200
28				.113			.113	200
29				.120			.120	200
30				.134			.134	200
31				.171			.171	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 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	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
- OR -	PRINTED NAME: <u>JACKSON STORIE</u>		
<input checked="" type="checkbox"/> Slow Sand/Cartridge/Membrane/DE Filtration	SIGNATURE: <u>[Signature]</u>		DATE: <u>01-03-2022</u>
95% of turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	PHONE #: (541) <u>554-8660</u> Cell <u>792-3983</u>		CERT #: <u>D08839</u> <u>T08840</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: DEC 2021

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/	0.7	385	269	11°	6.51	36	Yes	200
2/	0.8	385	308	11°	6.59	37	Yes	200
3/	0.8	385	308	11°	6.49	31	Yes	200
4/	1.0	385	385	11°	6.72	37	Yes	200
5/	1.5	385	577	11°	6.70	39	Yes	200
6/	1.0	385	385	10°	6.58	37	Yes	200
7/	0.8	385	308	10°	6.63	37	Yes	200
8/	0.9	385	347	11°	6.54	37	Yes	200
9/	0.8	385	308	10°	6.67	37	Yes	200
10/	0.8	385	308	9°	6.70	49	Yes	200
11/	1.0	385	385	9°	6.67	50	Yes	200
12/	0.8	385	308	9°	6.63	49	Yes	200
13/	0.8	385	308	8°	6.58	49	Yes	200
14/	0.8	385	308	8°	6.66	49	Yes	200
15/	0.8	385	308	8°	6.68	49	Yes	200
16/	0.8	385	308	7°	6.55	49	Yes	200
17/	0.8	385	308	7°	6.55	49	Yes	200
18/	0.9	385	347	7°	6.51	49	Yes	200
19/	0.9	385	347	7°	6.59	49	Yes	200
20/	0.9	385	347	8°	6.76	49	Yes	200
21/	0.8	385	308	8°	6.77	49	Yes	200
22/	0.7	385	269	8°	6.75	48	Yes	200
23/	0.7	385	269	8°	6.79	48	Yes	200
24/	0.8	385	308	7°	6.66	49	Yes	200
25/	0.8	385	308	7°	6.58	49	Yes	200
26/	0.8	385	308	7°	6.64	49	Yes	200
27/	0.8	385	308	6°	6.61	49	Yes	200
28/	0.7	385	269	5°	6.76	48	Yes	200
29/	0.8	385	308	5°	6.76	49	Yes	200
30/	0.8	385	308	5°	6.77	49	Yes	200
31/	0.8	385	308	6°	6.78	49	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

4100939

TURBIDITY						NOTES
DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	
1	33729500	.448	.169	.126	.160	
2	33788800	.490	.164	.095	.160	
3	33850000	.383	.142	.089	.160	
4	33914100	.374	.151	.109	.150	
5	33966900	.383	.144	.119	.170	
6	34029000	.280	.129	.108	.170	
7	34083000	1.61	.101	.086	.170	4.895
8	34146000	.927	.251	.082	.170	7.41
9	34210000	.754	.159	.086	.170	
10	34267700	1.10	.121	.081	.180	
11	34305100	.989	.134	.111	.160	1.21
12	34343000	2.81	.141	.118	.150	
13	34375500	1.76	.136	.130	.180	
14	34404000	1.85	.149	.134	.180	
15	34433000	1.22	.144	.126	.180	16.428
16	34460000	1.05	.140	.122	.160	2.512
17	34486400	1.21	.137	.127	.160	
18	34511300	1.33	.141	.121	.160	
19	34534500	1.53	.154	.138	.180	2.275
20	34560000	4.54	.110	.167	.200	
21	34598000	2.02	.123	.162	.200	
22	34627100	1.49	.181	.214	.300	
23	34653000	1.77	.184	.209	.220	
24	34683900	1.40	.175	.192	.170	
25	34707700	1.83	.169	.188	.210	
26	34731400	2.04	.173	.192	.190	
27	34757500	1.07	.204	.154	.190	
28	34796500	.816	.180	.130	.190	
29	34828500	1.13	.184	.182	.210	
30	34853700	.662	.109	.143	.210	
31	34884900	.801	.168	.159	.210	40.067

Turbidity Totals: Raw Filt 1 Filt 2
40.067 4.767 4.2
 Averages: 1.292 .154 .135

Turbidity High: 4.54 .251 .214
 Ranges Low: .280 .101 .081

Production

Meter Reading End of This Month: 34,884,900
 Meter Reading End of Last Month: 33,667,500
 Monthly Production: 1,217,400 gallons
 Average Daily Production: 39,271 gallons/day

4100439

Water System CITY OF WESTFIR

Date DEC 2021

Water Supt. JACKSON STONE

Source of Water N/F WILLAMETTE RIVER

No. of Services 131

Population Served 250

Chlorine Product Used SANDWICH HYPOCHLORITE

Strength as Fed 12.5%

Make & Type of Chlorinator CHEM FIELD 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 <i>X NOTE 1ST SERVICE</i>					
				SP#1	SP#2	SP#3	SP#4	SP#5	
				ppm	ppm	ppm	ppm	ppm	
1	33729500	62,000	.96	1.0	0.7	0.4	0.5	0.7	
2	33788800	59,300	1.31	1.0	0.7	0.5	0.5	0.8	
3	33850000	61200	1.08	0.9	0.8	0.5	0.5	0.8	
4	33914100	64100	.87	1.2	0.9	0.7	0.7	1.0	
5	33966900	52800	.87	1.5	0.7	0.7	0.5	1.5	
6	34029000	62100	.87	1.1	0.8	0.6	0.5	1.0	
7	34083000	54000	.96	0.9	0.8	0.6	0.6	0.8	
8	34146000	63000	.72	0.9	0.7	0.6	0.6	0.9	
9	34210000	64000	.48	1.0	0.8	0.6	0.7	0.8	
10	34267700	57700	.48	0.9	0.8	0.6	0.7	0.8	
11	34305100	37400	.87	1.0	0.8	0.7	1.2	1.0	
12	34343000	37900	.60	1.5	0.7	0.7	1.1	0.8	
13	34375500	32500	.36	1.1	0.8	0.8	0.9	0.8	
14	34404000	28500	.36	1.0	0.8	0.8	0.8	0.8	
15	34433000	29000	.48	0.9	0.8	0.8	0.8	0.8	
16	34460000	27000	.36	1.0	0.8	0.8	0.8	0.8	
17	34486400	26400	.24	1.1	0.8	0.8	0.8	0.8	
18	34511300	24900	.24	1.1	0.9	0.8	1.0	0.9	
19	34534500	23200	.48	1.0	0.7	0.7	0.8	0.9	
20	34560000	25500	.48	1.0	0.7	0.7	0.7	0.9	
21	34598000	38000	.24	0.9	0.7	0.7	0.7	0.8	
22	34627100	29100	.24	0.9	0.7	0.7	0.7	0.7	
23	34653000	25900	.36	0.9	0.7	0.8	0.6	0.7	
24	34683900	30900	.36	1.0	0.7	0.7	0.6	0.8	
25	34707700	23800	.48	1.1	0.8	0.8	0.7	0.8	
26	34731400	23700	.48	1.0	0.8	0.8	0.9	0.8	
27	34757500	26100	.48	1.0	0.8	0.7	0.8	0.8	
28	34796500	39000	.36	1.0	0.8	0.7	0.8	0.7	
29	34828500	32000	.48	1.0	0.8	0.7	0.8	0.8	
30	34853700	25200	.48	1.0	0.8	0.7	0.7	0.8	
31	34884900	31200	.24	1.0	0.8	0.7	0.6	0.8	