

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: *SEP-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				.159			.159	200
2				.167			.167	200
3				.211			.211	200
4				.127			.127	200
5				.132			.132	200
6				.146			.146	200
7				.141			.141	200
8				.132			.132	200
9				.119			.119	200
10				.096			.096	200
11				.142			.142	200
12				.100			.100	200
13				.100			.100	200
14				.108			.108	200
15				.102			.102	200
16				.106			.106	200
17				.104			.104	200
18				.109			.109	200
19				.094			.094	200
20				.104			.104	200
21				.119			.119	200
22				.117			.117	200
23				.116			.116	200
24				.137			.137	200
25				.102			.102	200
26				.113			.113	200
27				.122			.122	200
28				.124			.124	200
29				.126			.126	200
30				.118			.118	200
31								200

Conventional or Direct Filtration		Monthly Summary (Answer Yes or No)		
95% of turbidity readings ≤ 0.3 NTU?	Yes / 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?				
All turbidity readings < IFE triggers?				
- OR -		PRINTED NAME: <i>JACKSON STONE</i>		
Slow Sand/Cartridge/Membrane/DE Filtration		SIGNATURE: <i>[Signature]</i>		DATE: <i>10-5-2021</i>
95% of turbidity readings ≤ 1 NTU?		<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No		CERT #: <i>D08834</i> <i>T08840</i>
All turbidity readings < 5 NTU?		<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No		
		PHONE #: <i>(541) 782-3983 OFFICE</i> <i>554-9610 CELL</i>		

¹ IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF ID #: OR4100939 WTP-: WTP-A Month/Year: Sept 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 /	0.6	385	231	21 ^e	7.11	14	YES	200
2 /	0.6	385	231	21 ^e	7.19	14	YES	200
3 /	0.7	385	269	21 ^e	6.62	12	YES	200
4 /	0.7	385	269	21 ^e	7.01	14	YES	200
5 /	0.7	385	269	21 ^e	6.97	12	YES	200
6 /	0.7	385	269	21 ^e	7.11	14	YES	200
7 /	0.6	385	231	21 ^e	7.04	14	YES	200
8 /	0.7	385	269	21 ^e	7.19	14	YES	200
9 /	0.7	385	269	21 ^e	7.33	14	YES	200
10 /	0.8	385	308	21 ^e	7.41	15	YES	200
11 /	0.7	385	269	21 ^e	6.79	12	YES	200
12 /	0.7	385	269	20 ^e	7.11	21	YES	200
13 /	0.8	385	308	20 ^e	7.29	22	YES	200
14 /	0.7	385	269	20 ^e	7.30	21	YES	200
15 /	0.7	385	269	20 ^e	6.76	18	YES	200
16 /	0.7	385	269	19 ^e	6.65	18	YES	200
17 /	0.6	385	231	20 ^e	6.31	15	YES	200
18 /	0.7	385	269	19 ^e	6.39	15	YES	200
19 /	0.7	385	269	19 ^e	6.27	15	YES	200
20 /	0.7	385	269	19 ^e	6.34	15	YES	200
21 /	0.7	385	269	18 ^e	6.31	15	YES	200
22 /	0.7	385	269	19 ^e	6.28	15	YES	200
23 /	0.6	385	231	19 ^e	6.36	15	YES	200
24 /	0.6	385	231	20 ^e	6.44	15	YES	200
25 /	0.7	385	269	19 ^e	6.34	15	YES	200
26 /	0.7	385	269	18 ^e	6.43	15	YES	200
27 /	0.7	385	269	18 ^e	6.48	15	YES	200
28 /	0.6	385	231	18 ^e	6.57	18	YES	200
29 /	0.5	385	192	18 ^e	6.50	15	YES	200
30 /	0.6	385	231	18 ^e	6.48	15	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.

Water System CITY OF WESTFIR

Date SEP 2021

Water Supt. JACKSON STONE

Source of Water NW WILLAMETTE RIVER

No. of Services 131

Population Served 250

Chlorine Product Used Sodium Hypochlorite

Strength as Fed 12.5%

Make & Type of Chlorinator CHLOR-FEED 6630 P.

OP# 4100939

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. _____					
				6. Random Point <i>NOTE * 1st service</i>					
				SP#1	SP #2	SP #3	SP #4	SP #5	
				ppm	ppm	ppm	ppm	ppm	
1	30584100	44,600	.72	1.0	0.5	0.6	0.6	0.6	
2	30638900	54,800	.60	1.0	0.5	0.6	0.6	0.6	
3	30676000	31,100	.60	1.0	0.5	0.5	0.6	0.7	
4	30716900	40,900	.48	0.9	0.6	0.5	0.6	0.7	
5	30746800	29,900	.72	0.8	0.6	0.4	0.6	0.7	
6	30799000	52,200	.60	0.8	0.6	0.4	0.6	0.7	
7	30848300	49,300	.60	0.8	0.6	0.5	0.5	0.6	
8	30888600	40,300	.84	0.9	0.5	0.4	0.6	0.7	
9	30940100	51,500	.48	1.1	0.5	0.5	0.6	0.7	0.2
10	30974000	33,900	.72	0.9	0.5	0.6	0.6	0.8	
11	31014300	40,300	.48	0.8	0.6	0.5	0.6	0.7	
12	31043000	28,700	.72	0.9	0.6	0.4	0.7	0.7	
13	31094100	51,100	.72	1.0	0.7	0.5	0.7	0.8	
14	31140100	46,000	.72	0.9	0.7	0.5	0.7	0.7	
15	31193100	53,000	.48	1.0	0.7	0.6	0.6	0.7	
16	31217600	24,500	.60	1.0	0.7	0.5	0.6	0.7	
17	31267300	49,700	.60	1.1	0.7	0.6	0.6	0.6	0.9
18	31303000	35,700	.36	1.0	0.7	0.5	0.6	0.7	1.3
19	31328000	25,000	.60	0.9	0.7	0.5	0.6	0.7	
20	31370000	42,000	.84	0.9	0.6	0.5	0.6	0.7	
21	31420000	50,000	.36	0.4	0.6	0.5	0.6	0.7	
22	31445700	25,700	.48	0.8	0.5	0.5	0.6	0.7	
23	31468500	22,800	.84	0.9	0.5	0.5	0.5	0.6	
24	31519500	51,000	.48	0.9	0.5	0.4	0.5	0.6	
25	31543000	23,500	.48	1.0	0.6	0.5	0.6	0.7	
26	31580500	37,500	.48	0.9	0.7	0.5	0.6	0.7	
27	31614000	33,500	.72	0.9	0.6	0.5	0.5	0.7	1.4
28	31661600	47,600	.48	1.0	0.6	0.7	0.6	0.6	0.2
29	31688700	27,100	.36	0.9	0.5	0.7	0.6	0.5	
30	31711900	23,200	.72	0.8	0.7	0.6	0.5	0.6	
31									
									4.0" Total RainFall

OR# 4100939

TURBIDITY

DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	30584100	.338	⊖	.141	.120	S.F. #1 OFF LINE CLEANING
2	30638900	.346	⊖	.159	.140	
3	30676000	.318	⊖	.162	.100	
4	30716900	.433	⊖	.115	.110	
5	30746800	.350	⊖	.127	.110	
6	30799000	.383	⊖	.117	.110	
7	30848300	.371	⊖	.118	.090	
8	30888600	.366	⊖	.114	.100	
9	30940100	.359	⊖	.111	.110	
10	30974000	.354	⊖	.108	.090	
11	31014300	.618	⊖	.189	.140	
12	31043000	.496	⊖	.103	.100	
13	31094100	.441	⊖	.108	.090	
14	31140100	.453	⊖	.114	.090	
15	31193100	.381	⊖	.113	.080	
16	31217600	.313	⊖	.115	.110	
17	31267300	.333	⊖	.110	.080	
18	31303000	.456	⊖	.108	.160	
19	31328000	4.34	⊖	.114	.110	
20	31370000	3.71	⊖	.119	.110	
21	31420000	.747	⊖	.102	.100	
22	31445700	.704	⊖	.109	.100	
23	31468500	.633	⊖	.114	.100	
24	31519500	.607	⊖	.121	.110	
25	31543000	.264	⊖	.097	.110	
26	31580500	.377	⊖	.116	.100	
27	31614000	.394	⊖	.131	.110	
28	31661600	.374	⊖	.128	.090	
29	31688700	.351	⊖	.121	.120	
30	31711900	.364	⊖	.108	.090	
31						

Turbidity Totals: Raw 19.974 Filt 1 0 Filt 2 3.592
 Averages: Raw .666 Filt 1 0 Filt 2 .120

Turbidity High: Raw 4.34 Filt 1 0 Filt 2 .189
 Ranges Low: Raw .264 Filt 1 0 Filt 2 .097

Production

Meter Reading End of This Month: 31,711,900
 Meter Reading End of Last Month: 30,539,500

Monthly Production: 1,172,400 gallons
 Average Daily Production: 39,080 gallons/day