

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: July 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				.179			.179	200
2				.165			.165	200
3				.230			.230	200
4				.156			.156	200
5				.163			.163	200
6				.159			.159	200
7				.161			.161	200
8				.147			.147	200
9				.146			.146	200
10				.181			.181	200
11				.182			.182	200
12				.179			.179	200
13				.161			.161	200
14				.158			.158	200
15				.164			.164	200
16				.156			.156	200
17				.154			.154	200
18				.135			.135	200
19				.141			.141	200
20				.146			.146	200
21				.139			.139	200
22				.144			.144	200
23				.179			.179	200
24				.155			.155	200
25				.184			.184	200
26				.171			.171	200
27				.184			.184	200
28				.176			.176	200
29				.181			.181	200
30				.175			.175	200
31				.171			.171	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)	All Cl ₂ residual at entry point ≥ 0.2 mg/l?	Cl ₂ residual measured in 95% of distribution samples?
All turbidity readings < 1 NTU?	Yes / No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
All turbidity readings < IFE triggers?	Yes / No ¹			
- OR -		PRINTED NAME: JACOBSON STONE		
Slow Sand/Cartridge/Membrane/DE Filtration		SIGNATURE: <i>Jacobson Stone</i>		DATE: 08-03-2021
95% of turbidity readings ≤ 1 NTU?	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	PHONE #: (541) 554-8660		CERT #: D08834
All turbidity readings < 5 NTU?	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	732-3983		T08840

¹ IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF ID #: OR4100939 WTP.: WTP-A Month/Year: July 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	23.0	7.05	14	YES	200
2/	0.6	385	231	23.0	6.94	12	YES	200
3/	0.6	385	231	24.0	7.26	14	YES	200
4/	0.6	385	231	23.0	6.97	12	YES	200
5/	0.6	385	231	24.0	7.05	14	YES	200
6/	0.6	385	231	24.0	6.94	12	YES	200
7/	0.6	385	231	24.0	7.01	14	YES	200
8/	0.6	385	231	24.0	6.98	12	YES	200
9/	0.7	385	269	24.0	7.08	14	YES	200
10/	0.8	385	308	23.0	7.06	14	YES	200
11/	0.7	385	269	23.0	7.16	14	YES	200
12/	0.6	385	231	23.0	7.21	14	YES	200
13/	0.7	385	269	23.0	7.17	14	YES	200
14/	0.6	385	231	24.0	7.08	14	YES	200
15/	0.7	385	269	24.0	7.15	14	YES	200
16/	0.7	385	269	24.0	7.11	14	YES	200
17/	0.7	385	269	25.0	7.36	14	YES	200
18/	0.7	385	269	25.0	7.12	14	YES	200
19/	0.7	385	269	24.0	7.08	14	YES	200
20/	0.7	385	269	25.0	7.16	14	YES	200
21/	0.6	385	231	24.0	7.11	14	YES	200
22/	0.6	385	231	24.0	7.07	14	YES	200
23/	0.7	385	269	24.0	7.14	14	YES	200
24/	0.7	385	269	24.0	7.34	14	YES	200
25/	0.8	385	308	23.0	7.24	15	YES	200
26/	0.7	385	269	25.0	7.31	14	YES	200
27/	0.8	385	308	25.0	7.14	15	YES	200
28/	0.7	385	269	25.0	7.18	14	YES	200
29/	0.6	385	231	25.0	7.29	14	YES	200
30/	0.7	385	269	25.0	7.50	14	YES	200
31/	0.7	385	269	25.0	7.56	14	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

OR# 4100939

TURBIDITY						
DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	27199000	.461	.176	.131	.130	
2	27251300	.397	.159	.109	.140	
3	2727500	.391	.189	.129	.130	
4	27343900	.432	.167	.149	.130	
5	27421600	.322	.255	.129	.130	
6	27484800	.386	.211	.134	.170	
7	27545200	.371	.181	.141	.150	
8	27601800	.388	.171	.136	.130	
9	27658800	.401	.153	.122	.160	
10	27687500	.292	.140	.130	.120	
11	27739600	.365	.206	.120	.120	
12	27819200	.348	.189	.151	.210	
13	27835500	.367	.177	.149	.170	
14	27947700	.384	.169	.160	.160	
15	28013400	.368	.175	.152	.130	
16	28073500	.401	.168	.148	.140	
17	28121500	.336	.200	.156	.110	
18	28168200	.384	.233	.143	.120	
19	28245500	.369	.187	.138	.130	
20	28309800	.333	.164	.131	.130	
21	28377900	.275	.142	.119	.130	
22	28429600	.281	.149	.124	.130	
23	28484500	.319	.165	.104	.140	
24	28533300	.321	.169	.130	.120	
25	28592200	.313	.158	.175	.120	
26	28670500	.333	.164	.169	.130	
27	28703000	.399	.205	.170	.140	
28	28772600	.384	.181	.162	.180	
29	28827400	.401	.178	.154	.220	
30	28886300	.378	.168	.149	.180	
31	28957000	.316	.181	.143	.130	

Turbidity Totals: Raw Filt 1 Filt 2
 Averages: .362 .178 .141

Turbidity High: .461 .255 .175
 Ranges Low: .275 .140 .104

Production

Meter Reading End of This Month: 28,957,000
 Meter Reading End of Last Month: 27,150,100

Monthly Production: 1,806,900 gallons
 Average Daily Production: 58,287 gallons/day

Water System CITY OF WESTER

Date July 2021

Water Supt. JACKSON STONE

Source of Water W/ F WILLIAMS RIVER

No. of Services 131

Population Served 250

Chlorine Product Used SODIUM HYPOCHLORITE Strength as Fed 12.5%

Make & Type of Chlorinator CHAW FEED C6309

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 * 1st SERVICE</u>					
				SP#1	SP #2	SP #3	SP #4	SP #5	
				ppm	ppm	ppm	ppm	ppm	
1	27199000	48,900	.72	0.9	0.4	0.5	0.6	0.6	
2	27251300	52,300	.36	0.9	0.5	0.5	0.5	0.6	
3	27275000	23,700	.72	0.9	0.6	0.5	0.5	0.6	
4	27343900	68,900	.72	0.9	0.6	0.5	0.5	0.6	
5	27421600	77,700	.72	0.8	0.6	0.5	0.5	0.6	
6	27484800	63,200	.60	0.8	0.5	0.4	0.5	0.6	
7	27545200	60,400	.72	1.0	0.6	0.5	0.5	0.6	
8	27601900	56,600	.60	1.0	0.6	0.5	0.6	0.6	
9	27659800	57,800	.36	0.8	0.5	0.5	0.6	0.7	
10	27687500	29,700	.48	0.9	0.6	0.4	0.6	0.8	
11	27739000	51,500	.84	0.9	0.6	0.4	0.6	0.7	
12	27819200	80,200	.84	0.9	0.5	0.4	0.6	0.6	
13	27885500	66,300	.60	0.9	0.5	0.5	0.6	0.7	
14	27947700	62,200	.60	0.9	0.5	0.5	0.5	0.6	
15	28013400	65,700	.72	0.9	0.5	0.4	0.5	0.7	
16	28073500	60,100	.60	0.9	0.6	0.5	0.6	0.7	
17	28121500	43,000	.48	0.9	0.6	0.5	0.6	0.7	
18	28168200	46,700	.84	0.8	0.6	0.4	0.6	0.7	
19	28245500	77,300	.72	0.9	0.5	0.4	0.5	0.7	
20	28309800	64,300	.72	0.9	0.6	0.5	0.5	0.7	
21	28377900	68,100	.60	0.8	0.6	0.5	0.5	0.6	
22	28429600	51,700	.84	1.1	0.6	0.5	0.5	0.6	
23	28484500	54,900	.60	0.9	0.6	0.5	0.6	0.7	
24	28533300	43,800	.60	1.0	0.6	0.5	0.6	0.7	
25	28592200	58,900	1.08	0.9	0.7	0.5	0.6	0.8	
26	28670500	78,300	.36	0.9	0.7	0.6	0.6	0.7	0.1
27	28703000	32,500	.84	0.9	0.7	0.6	0.6	0.8	0.1
28	28772600	69,600	.72	0.9	0.7	0.6	0.6	0.7	
29	28827400	54,800	.60	0.9	0.6	0.6	0.5	0.6	
30	28886300	58,900	.84	0.9	0.5	0.6	0.6	0.7	
31	28957000	70,200	.60	0.9	0.5	0.6	0.6	0.7	
									0.2" Total Rain Fall