

## Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: August 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				.180			.180	200
2				.289			.289	200
3				.241			.241	200
4				.353			.353	200
5				.176			.176	200
6				.139			.139	200
7				.174			.174	200
8				.154			.154	200
9				.174			.174	200
10				.177			.177	200
11				.216			.216	200
12				.151			.151	200
13				.187			.187	200
14				.188			.188	200
15				.170			.170	200
16				.149			.149	200
17				.140			.140	200
18				.141			.141	200
19				.154			.154	200
20				.163			.163	200
21				.158			.158	200
22				.192			.192	200
23				.127			.127	200
24				.203			.203	200
25				.158			.158	200
26				.143			.143	200
27				.137			.137	200
28				.131			.131	200
29				.156			.156	200
30				.120			.120	200
31				.128			.128	200

<b>Conventional or Direct Filtration</b>		<b>Monthly Summary (Answer Yes or No)</b>		
95% of turbidity readings ≤ 0.3 NTU?	Yes / No	CT's met everyday? (see back)	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l?	Cl <sub>2</sub> residual measured in 95% of distribution samples?
All turbidity readings < 1 NTU?	Yes / No	Yes / No	Yes / No	Yes / No
All turbidity readings < IFE triggers?	Yes / No <sup>1</sup>			
- OR -		PRINTED NAME: JACKSON STONE		
<b>Slow Sand/Cartridge/Membrane/DE Filtration</b>		SIGNATURE: <i>Jackson Stone</i>		DATE: 9-7-2022
95% of turbidity readings ≤ 1 NTU?	Yes / No	PHONE #: (541) 554-8660 cell	CERT #: D09839	
All turbidity readings < 5 NTU?	Yes / No	782-3983 OFFICE	T09840	

<sup>1</sup> IFE = Individual Filter Effluent

## OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF ID #: OR4100939 WTP-: WTP-A Month/Year: August 2022

Date / Time	Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> User (C) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		Use tables	Yes / No	[GPM]
1/	0.5	385	192	23°	6.79	17	yes	200
2/	0.5	385	192	24°	6.73	17	yes	200
3/	0.5	385	192	24°	6.45	15	yes	200
4/	0.5	385	192	25	6.73	12	yes	200
5/	0.6	385	231	24	6.69	18	yes	200
6/	0.7	385	269	24	6.58	18	yes	200
7/	0.6	385	231	24	6.70	18	yes	200
8/	0.6	385	231	24	6.63	18	yes	200
9/	0.7	385	269	24	6.66	18	yes	200
10/	0.7	385	269	22	6.75	18	yes	200
11/	0.6	385	231	22	6.66	18	yes	200
12/	0.6	385	231	24	6.69	18	yes	200
13/	0.6	385	231	22	6.58	18	yes	200
14/	0.6	385	231	21	6.66	18	yes	200
15/	0.6	385	231	21	6.58	18	yes	200
16/	0.6	385	231	21	6.58	18	yes	200
17/	0.6	385	231	22	6.63	18	yes	200
18/	0.6	385	231	23	6.60	18	yes	200
19/	0.7	385	269	21	6.62	18	yes	200
20/	0.7	385	269	21	6.57	18	yes	200
21/	0.6	385	231	22	6.53	18	yes	200
22/	0.6	385	231	23	7.41	21	yes	200
23/	0.5	385	192	25	6.75	12	yes	200
24/	0.5	385	192	25	6.80	12	yes	200
25/	0.6	385	231	26	6.77	12	yes	200
26/	0.6	385	231	25	6.59	12	yes	200
27/	0.6	385	231	25	6.65	12	yes	200
28/	0.5	385	192	24	6.57	17	yes	200
29/	0.6	385	231	22	6.77	18	yes	200
30/	0.5	385	192	22	6.80	17	yes	200
31/	0.6	385	231	24	6.85	18	yes	200

<sup>3</sup>If Cl<sub>2</sub> 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](http://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	42337500	.453	.218	Ø	.320	Sand filter #2 offline
2	42391000	.418	.232	Ø	.310	
3	42456000	.284	.189	Ø	.320	
4	42510000	.545	.196	Ø	.300	
5	42569000	.347	.160	Ø	.260	
6	42598400	.361	.151	Ø	.280	
7	42675200	.322	.161	Ø	.130	
8	42738000	.460	.214	Ø	.240	
9	42800000	.627	.197	Ø	.240	
10	42860000	.288	.167	Ø	.200	
11	42917500	.256	.171	Ø	.200	
12	42980000	.551	.163	Ø	.240	
13	43037000	.596	.176	Ø	.190	
14	43097700	.561	.181	Ø	.210	
15	43149000	.754	.171	Ø	.180	
16	43210000	.322	.152	Ø	.190	
17	43276000	.459	.163	Ø	.210	
18	43335000	.620	.128	Ø	.200	
19	43388000	.293	.160	Ø	.160	
20	43422800	.307	.149	Ø	.190	
21	43508800	.296	.153	Ø	.190	
22	43564200	.639	.165	Ø	.200	
23	43639200	.338	.139	Ø	.180	main line water break
24	43839500	.853	.158	Ø	.170	main line water break
25	43909000	.316	.131	Ø	.190	
26	43971900	.880	.211	Ø	.170	
27	44007900	.710	.161	Ø	.190	
28	44074100	.405	.143	Ø	.190	
29	44116000	.825	.138	Ø	.190	
30	44175000	.597	.130	Ø	.180	
31	44248000	.426	.132	Ø	.200	

Turbidity Totals: Raw 15.109 Filt 1 5.16 Filt 2 Ø  
 Averages: Raw .487 Filt 1 .172 Filt 2 Ø

Turbidity High: Raw .880 Filt 1 .232 Filt 2 Ø  
 Ranges Low: Raw .256 Filt 1 .128 Filt 2 Ø

**Production**

Meter Reading End of This Month: 44248000  
 Meter Reading End of Last Month: 42244900  
 Monthly Production: 2,003,100 gallons  
 Average Daily Production: 64,616 gallons/day

Water System CITY OF WASHINGTON

Date August 2022

Water Supt. JACKSON STONE

Source of Water N/E Williams River

No. of Services 131

Population Served 250

Chlorine Product Used Sodium Hypochlorite Strength as Fed 12.5%

Make & Type of Chlorinator CHLORINATOR DC-630P

OR# 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. Random Point					
				SP#1	SP #2	SP #3	SP #4	SP #5	
				ppm	ppm	ppm	ppm	ppm	
1	42337500	92600	.36	0.8	0.4	0.4	0.4	0.5	
2	42391000	53500	.60	0.7	0.4	0.3	0.4	0.5	
3	42436000	65000	.72	0.7	0.4	0.3	0.4	0.5	
4	42510000	54000	.96	0.8	0.4	0.3	0.3	0.5	
5	42569000	59000	.36	0.9	0.4	0.4	0.4	0.6	
6	42598400	29400	.72	0.9	0.4	0.4	0.5	0.7	
7	42675200	76800	.72	0.9	0.5	0.4	0.4	0.6	
8	42738000	62800	.48	0.9	0.4	0.4	0.5	0.6	
9	42800000	62000	.60	0.8	0.5	0.4	0.6	0.7	
10	42860000	60000	.60	0.8	0.5	0.4	0.5	0.7	
11	42917500	57500	.60	0.9	0.6	0.4	0.5	0.6	
12	42980000	62500	.48	0.8	0.5	0.4	0.6	0.6	
13	43037000	57000	.48	0.7	0.5	0.4	0.5	0.6	
14	43097000	60700	.48	0.7	0.4	0.4	0.5	0.6	
15	43149000	51300	.72	0.9	0.4	0.5	0.5	0.6	
16	43210000	61000	.72	0.9	0.5	0.4	0.4	0.6	
17	43276000	66000	.48	0.8	0.5	0.3	0.4	0.6	
18	43335000	59000	.60	0.8	0.6	0.4	0.5	0.6	
19	43388000	53000	.36	0.9	0.6	0.4	0.5	0.7	
20	43422800	34600	.96	0.8	0.5	0.5	0.5	0.7	
21	43508800	86000	.60	0.8	0.5	0.4	0.5	0.6	
22	43564200	55400	.84	0.8	0.5	0.3	0.4	0.6	
23	43634200	75000	1.78	0.8	0.5	0.4	0.4	0.5	main line water break
24	43839500	200300	.72	0.8	0.6	0.3	0.4	0.5	main line water break
25	43909000	69500	.60	0.7	0.6	0.3	0.4	0.6	
26	43971900	62900	.36	0.9	0.5	0.4	0.4	0.6	
27	44007900	36000	.36	0.7	0.4	0.4	0.5	0.6	
28	44074100	66200	.48	0.7	0.4	0.3	0.5	0.5	
29	44116000	41900	.72	0.7	0.5	0.4	0.6	0.6	
30	44175000	59000	.84	0.9	0.5	0.4	0.5	0.5	
31	44248000	73000	.36	0.9	0.5	0.3	0.4	0.6	