

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

System Name: City of Westfir

ID #: 41 00939

Month/Year: July 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				.165			.165	200
2				.163			.163	200
3				.158			.158	200
4				.161			.161	200
5				.168			.168	200
6				.133			.133	200
7				.145			.145	200
8				.171			.171	200
9				.106			.106	200
10				.106			.106	200
11				.101			.101	200
12				.108			.108	200
13				.110			.110	200
14				.100			.100	200
15				.115			.115	200
16				.119			.119	200
17				.105			.105	200
18				.097			.097	200
19				.111			.111	200
20				.114			.114	200
21				.218			.218	200
22				.153			.153	200
23				.161			.161	200
24				.184			.184	200
25				.133			.133	200
26				.185			.185	200
27				.157			.157	200
28				.157			.157	200
29				.126			.126	200
30				.150			.150	200
31				.158			.158	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) Yes / No	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? Yes / No	Cl <sub>2</sub> residual measured in 95% of distribution samples? Yes / No
All turbidity readings < 1 NTU? Yes / No			
All turbidity readings < IFE triggers? Yes / No <sup>1</sup>			
- OR -	PRINTED NAME: <u>JACKSON STONE</u>		
<b>Slow Sand/Cartridge/Membrane/DE Filtration</b>	SIGNATURE: <u>[Signature]</u>		DATE: <u>8-5-2022</u>
95% of turbidity readings ≤ 1 NTU? Yes / No	PHONE #: (541) <u>554-8660</u> cell		CERT #: <u>D08339</u>
All turbidity readings < 5 NTU? Yes / No	<u>782-3983</u> OFFICE		<u>T08340</u>

<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: July, 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/	0.8	385	308	21	6.66	18	yes	200
2/	0.9	385	347	21	6.71	18	yes	200
3/	0.8	385	308	21	6.68	18	yes	200
4/	0.9	385	347	22	6.59	18	yes	200
5/	0.8	385	308	22	6.63	18	yes	200
6/	0.8	385	308	21	6.61	18	yes	200
7/	0.8	385	308	22	6.57	18	yes	200
8/	0.8	385	308	21	6.51	18	yes	200
9/	0.8	385	308	20	6.47	15	yes	200
10/	0.8	385	308	21	6.34	15	yes	200
11/	0.8	385	308	21	6.21	15	yes	200
12/	0.8	385	308	23	6.42	15	yes	200
13/	0.8	385	308	23	6.40	15	yes	200
14/	0.8	385	308	24	6.42	15	yes	200
15/	0.8	385	308	23	6.40	15	yes	200
16/	0.8	385	308	22	6.46	15	yes	200
17/	0.8	385	308	21	6.37	15	yes	200
18/	0.7	385	269	21	6.30	15	yes	200
19/	0.7	385	269	23	6.78	18	yes	200
20/	0.7	385	269	22	6.47	15	yes	200
21/	0.7	385	269	23	6.32	15	yes	200
22/	0.7	385	269	24	6.20	15	yes	200
23/	0.5	385	192	23	6.28	15	no	200
24/	0.6	385	231	22	6.57	18	yes	200
25/	0.6	385	231	23	6.56	18	yes	200
26/	0.6	385	231	23	6.59	18	yes	200
27/	0.6	385	231	23	6.63	18	yes	200
28/	0.6	385	231	23	6.61	18	yes	200
29/	0.6	385	231	22	6.63	18	yes	200
30/	0.5	385	192	23	6.52	18	yes	200
31/	0.5	385	192	23	6.49	15	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)



Water System CITY OF WILMINGTON

Date July 2022

Water Supt. JACKSON STONE

Source of Water N/E WILLOWTIE RIVER

No. of Services 131

Population Served 250

Chlorine Product Used SANTUM HYPOCHLORITE

Strength as Fed 12.5%

Make & Type of Chlorinator CHAMFORD C632-P

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 <i>* NOTE 1st SERVICE</i>					
				SP#1	SP #2	SP #3	SP #4	SP #5	
				ppm	ppm	ppm	ppm	ppm	
1	40602000	33000	.48	0.9	0.8	0.5	0.5	0.8	
2	40650600	48600	.48	1.0	0.7	0.6	0.6	0.9	
3	40702500	51900	.60	0.9	0.6	0.7	0.6	0.8	
4	40757700	55200	.72	0.9	0.7	0.8	0.6	0.9	
5	40810400	52700	.24	1.0	0.7	0.8	0.7	0.8	
6	40835100	24700	.60	0.9	0.7	0.7	0.6	0.8	
7	40877800	42700	.48	1.0	0.6	0.7	0.8	0.8	
8	40921500	43700	.44	1.0	0.7	0.6	0.7	0.8	
9	40955000	33500	.48	1.0	0.7	0.6	0.6	0.8	
10	41000200	45000	.72	0.9	0.5	0.7	0.7	0.8	
11	41059900	59900	.60	1.0	0.5	0.7	0.7	0.8	
12	41101000	50200	.36	0.9	0.5	0.7	0.7	0.8	
13	41168800	58700	.24	0.8	0.5	0.6	0.6	0.8	
14	41205000	36200	.72	0.8	0.5	0.6	0.6	0.8	
15	41285100	80100	.36	0.9	0.5	0.7	0.6	0.8	
16	41316300	31200	.60	0.9	0.6	0.5	0.6	0.8	
17	41377500	61200	.84	0.8	0.7	0.6	0.6	0.8	
18	41422600	45100	.48	0.8	0.6	0.6	0.6	0.7	
19	41487900	60300	.36	0.7	0.6	0.6	0.5	0.7	
20	41524500	41600	.60	0.8	0.6	0.7	0.6	0.7	
21	41600000	75500	.48	0.9	0.6	0.5	0.5	0.7	
22	41652200	52200	.36	0.9	0.6	0.6	0.6	0.7	
23	41689800	37600	.60	0.8	0.5	0.5	0.6	0.5	
24	41734900	65100	.84	0.7	0.5	0.5	0.5	0.6	
25	41840000	85100	.60	0.7	0.6	0.5	0.4	0.6	
26	41962000	62000	.60	0.8	0.5	0.5	0.4	0.6	
27	41980000	78000	.24	0.8	0.6	0.5	0.4	0.6	
28	42095000	55000	.60	0.7	0.5	0.5	0.5	0.6	
29	42114100	79100	.48	0.8	0.5	0.5	0.5	0.6	
30	42186700	72600	.60	0.7	0.4	0.4	0.5	0.5	
31	42244900	58200	.84	0.7	0.4	0.3	0.4	0.5	



## TURBIDITY

DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	40602000	.485	Ø	.155	.190	
2	40650600	.461	Ø	.149	.190	
3	40702500	.454	Ø	.153	.190	
4	40757700	.541	Ø	.168	.210	
5	40810400	.670	Ø	.141	.210	
6	40835100	1.18	Ø	.128	.200	
7	40877800	.907	Ø	.141	.210	
8	40921500	.638	Ø	.167	.170	
9	40955000	.872	Ø	.096	.200	
10	41000000	.849	Ø	.125	.200	
11	41059900	.463	Ø	.118	.180	
12	41101000	.514	Ø	.097	.180	
13	41168800	.411	Ø	.118	.180	
14	41205000	.910	Ø	.114	.190	
15	41285100	.861	Ø	.111	.180	
16	41316300	.844	Ø	.121	.200	
17	41377500	.546	Ø	.106	.190	
18	41422600	.305	Ø	.106	.190	
19	41482900	.598	Ø	.114	.210	
20	41524500	.548	Ø	.123	.210	Sand filter #1 online
21	41600000	.736	.272	.216	.220	
22	41652200	1.07	.190	.145	.240	
23	41689800	.709	.184	.149	.200	
24	41754900	.782	.167	.110	.190	
25	41840000	.511	.183	.1095	.210	
26	41902000	.276	.161	.120	.220	
27	41980000	.273	.226	.119	.200	
28	42035000	.279	.197	.111	.200	
29	42114100	.371	.188	.110	.210	
30	42186700	.341	.179	.121	.230	
31	42244900	.364	.171	.118	.220	

Turbidity Totals: Raw Filt 1 Filt 2  
18.00 2.12 3.97  
Averages: .581 .193 .128

Turbidity High: 1.18 .272 .216  
Ranges Low: .273 .161 .095

## Production

Meter Reading End of This Month: 42,244,900  
Meter Reading End of Last Month: 40,569,000  
Monthly Production: 1,675,900 gallons  
Average Daily Production: 54,061 gallons/day