

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

System Name: City of Westfir

ID #: 41 00939

Month/Year: July 2024

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				.105			.105	200
2				.107			.107	200
3				.107			.107	200
4				.105			.105	200
5				.101			.101	200
6				.098			.098	200
7				.098			.098	200
8				.096			.096	200
9				.094			.094	200
10				.096			.096	200
11				.100			.100	200
12				.103			.103	200
13				.099			.099	200
14				.097			.097	200
15				.097			.097	200
16				.116			.116	200
17				.118			.118	200
18				.115			.115	200
19				.111			.111	200
20				.114			.114	200
21				.118			.118	200
22				.115			.115	200
23				.116			.116	200
24				.109			.109	200
25				.111			.111	200
26				.107			.107	200
27				.110			.110	200
28				.109			.109	200
29				.107			.107	200
30				.110			.110	200
31				.111			.111	200

<b>Conventional or Direct Filtration</b>	<b>Monthly Summary (Answer Yes or No)</b>		
95% of turbidity readings ≤ 0.3 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	Cl <sub>2</sub> residual measured in 95% of distribution samples? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
All turbidity readings < 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No			
All turbidity readings < IFE triggers? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No			
- OR -	PRINTED NAME: Max Baker		
Slow Sand/Cartridge/Membrane/DE Filtration	SIGNATURE: Max Baker	DATE: 8-5-24	
95% of turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	PHONE #: (541) 782-3983 office	CERT #: 08801FE	
All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No			

IFE = Individual Filter Effluent

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

WESTFIR, CITY OF ID #: OR4100939 WTP-: WTP-A Month/Year: July 2024

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	20	7.00	17	Yes	200
2/	0.5	385	192	20	7.01	21	Yes	200
3/	0.5	385	192	20	7.03	21	Yes	200
4/	0.5	385	192	20	6.98	17	Yes	200
5/	0.5	385	192	20	7.02	21	Yes	200
6/	0.5	385	192	20	7.02	17	Yes	200
7/	0.5	385	192	20	7.02	17	Yes	200
8/	0.5	385	192	21	7.01	21	Yes	200
9/	0.5	385	192	23	7.00	17	Yes	200
10/	0.5	385	192	24	7.02	21	Yes	200
11/	0.5	385	192	24	7.00	17	Yes	200
12/	0.5	385	192	24	7.02	21	Yes	200
13/	0.5	385	192	24	7.09	21	Yes	200
14/	0.5	385	192	24	7.22	21	Yes	200
15/	0.5	385	192	24	7.13	21	Yes	200
16/	0.5	385	192	24	7.09	21	Yes	200
17/	0.5	385	192	24	7.06	21	Yes	200
18/	0.5	385	192	24	7.02	21	Yes	200
19/	0.5	385	192	24	7.00	17	Yes	200
20/	0.5	385	192	24	7.00	17	Yes	200
21/	0.5	385	192	24	7.05	21	Yes	200
22/	0.5	385	192	24	6.87	17	Yes	200
23/	0.5	385	192	24	6.82	17	Yes	200
24/	0.5	385	192	24	6.91	17	Yes	200
25/	0.5	385	192	24	6.90	17	Yes	200
26/	0.5	385	192	24	6.96	17	Yes	200
27/	0.5	385	192	24	6.95	17	Yes	200
28/	0.5	385	192	24	7.01	21	Yes	200
29/	0.5	385	192	23	7.00	17	Yes	200
30/	0.5	385	192	23	7.02	21	Yes	200
31/	0.5	385	192	23	7.02	21	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)



TURBIDITY						
DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	661130.00	.360	.118	offline	.105	
2	667521.00	.356	.116		.107	
3	668010.00	.349	.112		.107	
4	668430.00	.336	.109		.105	
5	669830.00	.324	.107		.101	
6	669629.00	.307	.107		.096	
7	670644.00	.297	.108		.098	
8	670654.00	.296	.106		.096	
9	671949.00	.292	.104		.094	
10	671989.00	.287	.101		.096	
11	672446.00	.281	.106		.100	
12	673182.00	.289	.104		.103	
13	673182.00	.276	.102		.099	
14	673979.00	.281	.106		.097	
15	674840.00	.279	.102		.097	
16	674840.00	.314	.132		.116	
17	675591.00	.308	.124		.118	
18	675821.00	.291	.132		.115	
19	676449.00	.287	.127		.111	
20	677137.00	.276	.125		.114	
21	677940.00	.267	.121		.118	
22	678005.00	.264	.120		.115	
23	678744.00	.259	.121		.116	
24	678799.00	.252	.117		.109	
25	679569.00	.244	.116		.111	
26	679418.00	.244	.111		.107	
27	680391.00	.246	.116		.110	
28	681215.00	.247	.114		.109	
29	681215.00	.246	.112		.107	
30	681814.00	.239	.114		.110	
31	682172.00	.247	.117		.111	

Turbidity Totals:	<u>Raw</u>	<u>Filt 1</u>	<u>Filt 2</u>
Averages:	<u>2.96</u>	<u>.114</u>	<u>0</u>
Turbidity High:	<u>.360</u>	<u>.132</u>	<u>0</u>
Ranges Low:	<u>.239</u>	<u>.101</u>	<u>0</u>

Production

Meter Reading End of This Month:	<u>682172.00</u>	
Meter Reading End of Last Month:	<u>666402.00</u>	
Monthly Production:	<u>1,577,000</u>	gallons
Average Daily Production:	<u>50,871</u>	gallons/day

Water System City of Westfir Date July 2024 Water Supt. Max Baker  
 Source of Water N/E willamette river No. of Services 131 Population Served 250  
 Chlorine Product Used Sodium Hypochlorite Strength as Fed 12.5% Make & Type of Chlorinator chem fed-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					
				SP#1	SP #2	SP #3	SP #4	SP #5	
				ppm	ppm	ppm	ppm	ppm	
1	66713000	72800	.66	0.9	0.4	0.4	0.4	0.5	
2	66752100	39100	.36	0.9	0.4	0.4	0.4	0.5	
3	66801000	48900	.48	0.9	0.4	0.4	0.4	0.5	
4	66843000	82000	.60	0.9	0.4	0.4	0.4	0.5	
5	66883000	0	0	0.9	0.4	0.4	0.4	0.5	Kump off
6	66962900	86200	.60	0.9	0.4	0.4	0.4	0.5	
7	67065400	96200	.46	0.9	0.4	0.4	0.4	0.5	
8	67065400	0	0	0.9	0.4	0.4	0.4	0.5	"
9	67154800	84400	.44	0.7	0.4	0.4	0.3	0.5	
10	67198900	44100	.46	0.9	0.4	0.4	0.3	0.5	
11	67244600	45700	.36	0.9	0.4	0.4	0.4	0.5	
12	67318200	73600	.44	0.9	0.4	0.4	0.4	0.5	
13	67318200	0	.60	0.9	0.4	0.4	0.4	0.5	
14	67397400	79600	.72	0.9	0.4	0.4	0.4	0.5	
15	67484000	86200	0	0.9	0.4	0.4	0.4	0.5	
16	67484000	0	.60	0.4	0.4	0.4	0.4	0.5	"
17	67559100	75100	.24	0.9	0.4	0.4	0.4	0.5	
18	67582100	23500	.36	0.9	0.4	0.4	0.4	0.4	
19	67644500	62400	.60	0.9	0.4	0.4	0.4	0.5	
20	67713700	69200	.60	0.9	0.4	0.4	0.4	0.5	
21	67744000	80300	.12	0.9	0.4	0.4	0.4	0.5	
22	67800300	6300	.60	0.9	0.4	0.4	0.4	0.5	
23	67878900	74600	0	0.9	0.4	0.4	0.4	0.5	
24	67878900	0	.72	0.7	0.4	0.4	0.4	0.5	"
25	67956800	77400	.24	0.9	0.4	0.3	0.3	0.5	
26	67991800	35000	.36	0.9	0.4	0.4	0.4	0.5	
27	68039100	47300	.60	0.9	0.4	0.4	0.4	0.5	
28	68121500	82400	0	0.9	0.4	0.4	0.4	0.5	
29	68121500	0	.60	0.8	0.4	0.4	0.4	0.5	"
30	68181400	54400	.24	0.9	0.4	0.4	0.4	0.5	
31	68217200	35800	.48	0.9	0.4	0.4	0.4	0.5	