

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

System Name: City of Westfir

ID #: 41 00939

Month/Year: February 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				.389			.389	200
2				.391			.391	200
3				.382			.382	200
4				.374			.374	200
5				.381			.381	200
6				.361			.361	200
7				.358			.358	200
8				.312			.312	200
9				.309			.309	200
10				.307			.307	200
11				.302			.302	200
12				.289			.289	200
13				.277			.277	200
14				.309			.309	200
15				.284			.284	200
16				.324			.324	200
17				.331			.331	200
18				.301			.301	200
19				.312			.312	200
20				.396			.396	200
21				.407			.407	200
22				.391			.391	200
23				.374			.374	200
24				.326			.326	200
25				.281			.281	200
26				.316			.316	200
27				.362			.362	200
28				.331			.331	200
29				.366			.366	200
30								200
31								200

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)		
95% of turbidity readings $\leq$ 0.3 NTU? <input checked="" type="checkbox"/> Yes / No All turbidity readings < 1 NTU? <input checked="" type="checkbox"/> Yes / No All turbidity readings < IFE triggers? <input checked="" type="checkbox"/> Yes / No <sup>1</sup>	CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / No	All Cl <sub>2</sub> residual at entry point $\geq$ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / No	Cl <sub>2</sub> residual measured in 95% of distribution samples? <input checked="" type="checkbox"/> Yes / No
- OR -	PRINTED NAME: Max Baker		
Slow Sand/Cartridge/Membrane/DE Filtration	SIGNATURE: <i>Max Baker</i>		DATE: 2/18/24
95% of turbidity readings $\leq$ 1 NTU? <input checked="" type="checkbox"/> Yes / No All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes / No	PHONE #: (541) 782-3983 office		CERT #: 08801 FE

<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:

February 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/	0.4	385	154	8	6.98	46	yes	200
2/	0.3	385	116	8	7.01	53	yes	200
3/	0.4	385	154	8	6.96	46	yes	200
4/	0.4	385	154	8	6.98	46	yes	200
5/	0.4	385	154	8	6.96	46	yes	200
6/	0.4	385	154	8	7.01	55	yes	200
7/	0.3	385	116	8	6.94	44	yes	200
8/	0.3	385	116	8	6.89	44	yes	200
9/	0.4	385	154	8	6.92	46	yes	200
10/	0.4	385	154	8	6.94	46	yes	200
11/	0.4	385	154	8	6.92	46	yes	200
12/	0.4	385	154	8	6.96	46	yes	200
13/	0.4	385	154	8	7.01	55	yes	200
14/	0.4	385	154	8	6.99	46	yes	200
15/	0.4	385	154	8	6.98	46	yes	200
16/	0.4	385	154	8	6.94	46	yes	200
17/	0.4	385	154	8	6.95	46	yes	200
18/	0.4	385	154	8	7.01	55	yes	200
19/	0.3	385	116	8	6.98	44	yes	200
20/	0.3	385	116	8	6.80	44	yes	200
21/	0.3	385	116	8	6.95	44	yes	200
22/	0.4	385	154	8	6.96	46	yes	200
23/	0.4	385	154	9	6.84	46	yes	200
24/	0.4	385	154	9	6.96	46	yes	200
25/	0.4	385	154	9	6.99	46	yes	200
26/	0.3	385	116	9	6.81	44	yes	200
27/	0.4	385	154	9	6.92	46	yes	200
28/	0.4	385	154	9	6.96	46	yes	200
29/	0.4	385	154	8	6.89	46	yes	200
30/		385						200
31/		385						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	63039600	2.91	.434	offline	.389	
2	63039600	2.74	.432		.391	
3	63108100	2.36	.401		.382	
4	63108100	2.24	.407		.374	
5	63108100	2.07	.392		.381	
6	63171400	1.98	.384		.361	
7	63171400	1.91	.370		.358	
8	63210800	1.84	.356		.312	
9	63210800	1.76	.354		.309	
10	63210800	1.64	.350		.307	
11	63274100	1.32	.347		.302	
12	63274100	1.21	.336		.289	
13	63274100	1.19	.324		.277	
14	63335500	1.36	.361		.309	
15	63343500	1.01	.336		.289	
16	63343500	1.49	.402		.324	
17	63408900	1.36	.421		.331	
18	63408900	1.24	.401		.301	
19	63408900	1.30	.396		.312	
20	63408900	1.90	.462		.396	
21	63466800	2.01	.474		.407	
22	63466800	1.83	.451		.391	
23	63466800	1.65	.432		.374	
24	63520200	1.48	.411		.326	
25	63520200	1.02	.296		.281	
26	63554500	1.31	.326		.316	
27	63578400	1.87	.451		.362	
28	63578400	1.64	.431		.331	
29	63578400	2.69	.532	✓	.366	
30						
31						

<b>Turbidity Totals:</b>	<u>Raw</u>	<u>Filt 1</u>	<u>Filt 2</u>
	50.33	11.46	0
<b>Averages:</b>	<u>1.74</u>	<u>.395</u>	<u>0</u>
<b>Turbidity High:</b>	<u>2.91</u>	<u>.532</u>	<u>.407</u>
<b>Ranges Low:</b>	<u>1.01</u>	<u>.296</u>	<u>.277</u>

**Production**

Meter Reading End of This Month: 63578400

Meter Reading End of Last Month: 63039600

Monthly Production: 538,800 gallons

Average Daily Production: 18,573 gallons/day