

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: December 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				.119			.119	200
2				.117			.117	200
3				.111			.111	200
4				.113			.113	200
5				.114			.114	200
6				.119			.119	200
7				.124			.124	200
8				.131			.131	200
9				.127			.127	200
10				.124			.124	200
11				.119			.119	200
12				.125			.125	200
13				.124			.124	200
14				.132			.132	200
15				.133			.133	200
16				.136			.136	200
17				.130			.130	200
18				.127			.127	200
19				.123			.123	200
20				.121			.121	200
21				.124			.124	200
22				.126			.126	200
23				.132			.132	200
24				.132			.132	200
25				.135			.135	200
26				.137			.137	200
27				.144			.144	200
28				.139			.139	200
29				.129			.129	200
30				.127			.127	200
31				.127			.127	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	Yes / No	Yes / No	Yes / No
All turbidity readings < IFE triggers?	Yes / No ¹			
- OR -		PRINTED NAME: <u>Max Baker</u>		
Slow Sand/Cartridge/Membrane/DE Filtration		SIGNATURE: <u>Max Baker</u>	DATE: <u>1/10/25</u>	
95% of turbidity readings ≤ 1 NTU?	Yes / No	PHONE #: <u>(541) 782-3983 office</u>	CERT #: <u>08801 FE</u>	
All turbidity readings < 5 NTU?	Yes / No			

¹IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

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

December 2024

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/	0.5	385	192	11	7.03	42	yes	200
2/	0.5	385	192	10	7.05	42	yes	200
3/	0.5	385	192	10	7.03	42	yes	200
4/	0.5	385	192	9	7.05	55	yes	200
5/	0.5	385	192	9	7.06	55	yes	200
6/	0.5	385	192	9	7.04	55	yes	200
7/	0.5	385	192	9	7.01	55	yes	200
8/	0.5	385	192	9	7.03	55	yes	200
9/	0.5	385	192	9	7.06	55	yes	200
10/	0.5	385	192	9	7.05	55	yes	200
11/	0.5	385	192	9	7.07	55	yes	200
12/	0.5	385	192	9	7.03	55	yes	200
13/	0.5	385	192	9	7.01	55	yes	200
14/	0.5	385	192	9	7.00	46	yes	200
15/	0.5	385	192	9	7.02	55	yes	200
16/	0.5	385	192	9	7.03	55	yes	200
17/	0.5	385	192	9	7.02	55	yes	200
18/	0.5	385	192	9	7.04	55	yes	200
19/	0.5	385	192	9	7.01	55	yes	200
20/	0.5	385	192	9	7.03	55	yes	200
21/	0.5	385	192	9	7.03	55	yes	200
22/	0.4	385	154	9	7.06	55	yes	200
23/	0.4	385	154	9	7.10	55	yes	200
24/	0.5	385	192	9	7.09	55	yes	200
25/	0.5	385	192	9	7.10	55	yes	200
26/	0.5	385	192	9	7.13	55	yes	200
27/	0.5	385	192	9	7.11	55	yes	200
28/	0.5	385	192	9	7.08	55	yes	200
29/	0.5	385	192	9	7.10	55	yes	200
30/	0.5	385	192	9	7.13	55	yes	200
31/	0.5	385	192	8	7.09	55	yes	200

³If Cl₂ at entry point < 0.2 mg/l OR CT not met, notify DWP by end of next business day.

Water System City of Westfir

Date December 2024

Water Supt. Max Baker

Source of Water N/F Willamette river

No. of Services 131

Population Served 250

Chlorine Product Used Sodium Hypochlorite
OR# 4100939

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	72453600	0	0	0.9	0.5	0.5	0.5	0.5	pump off
2	72453620	0	0	0.9	0.5	0.5	0.5	0.5	"
3	72453700	0	0	0.9	0.5	0.5	0.5	0.5	"
4	72536300	62500	1.20	0.9	0.5	0.5	0.5	0.5	
5	72536300	0	0	0.9	0.5	0.5	0.5	0.5	"
6	72546000	9700	12	0.9	0.5	0.5	0.5	0.5	
7	72603900	57600	2.02	0.9	0.5	0.5	0.5	0.5	
8	72603900	0	0	0.9	0.5	0.5	0.5	0.5	"
9	72603900	0	0	0.9	0.5	0.5	0.5	0.5	"
10	72623900	0	0	0.9	0.5	0.5	0.5	0.5	"
11	72646400	84600	1.42	0.9	0.5	0.5	0.5	0.5	
12	72646400	0	0	0.9	0.5	0.5	0.4	0.5	"
13	72646400	0	0	0.9	0.5	0.4	0.4	0.5	"
14	72646400	0	0	0.9	0.5	0.4	0.4	0.5	"
15	72646400	0	0	0.9	0.5	0.4	0.4	0.5	"
16	72646400	0	0	0.9	0.5	0.4	0.4	0.5	"
17	72646400	0	0	0.9	0.5	0.4	0.4	0.5	"
18	72646400	0	0	0.8	0.5	0.4	0.4	0.5	"
19	72844400	16000	2.26	0.8	0.5	0.4	0.4	0.5	
20	72844400	40400	72	0.8	0.5	0.4	0.4	0.5	
21	72844400	0	0	0.8	0.5	0.4	0.4	0.5	"
22	72956600	67600	1.20	0.9	0.4	0.4	0.4	0.4	
23	72956600	2400	0	0.9	0.4	0.4	0.4	0.4	
24	72959100	0	0	0.9	0.5	0.5	0.5	0.5	"
25	72959100	0	0	0.9	0.5	0.5	0.5	0.5	"
26	72959100	0	0	0.9	0.5	0.5	0.5	0.5	"
27	72959100	0	0	0.8	0.4	0.4	0.5	0.5	"
28	72959100	0	0	0.8	0.4	0.4	0.5	0.5	"
29	72959100	0	0	0.8	0.4	0.4	0.5	0.5	"
30	72959100	0	0	0.9	0.4	0.4	0.5	0.5	"
31	73111800	152700	2.98	0.8	0.4	0.4	0.5	0.5	

TURBIDITY

DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	72453800	.979	.209	offline	.113	
2	72453800	.971	.201		.117	
3	72453800	.967	.201		.111	
4	72536300	.832	.198		.113	
5	72536300	.729	.197		.114	
6	72546000	.743	.176		.119	
7	72603900	.812	.191		.124	
8	72603900	.834	.201		.131	
9	72603900	.812	.192		.127	
10	72603900	.781	.181		.124	
11	72646400	.796	.174		.119	
12	72646400	.862	.196		.125	
13	72646400	1.16	.196		.129	
14	72646400	1.29	.212		.132	
15	72646400	1.34	.221		.133	
16	72646400	1.41	.226		.136	
17	72646400	1.89	.223		.130	
18	72646400	1.65	.219		.127	
19	72646400	1.41	.212		.125	
20	72646400	1.44	.216		.121	
21	72666600	1.46	.221		.124	
22	72966600	1.96	.226		.126	
23	72959100	2.16	.234		.132	
24	72959100	3.06	.236		.132	
25	72959100	2.98	.244		.135	
26	72959100	3.24	.249		.137	
27	72959100	3.21	.246		.144	
28	72959100	3.26	.244		.139	
29	72959100	3.29	.207		.129	
30	72959100	2.67	.197		.127	
31	73111800	2.74	.181	✓	.127	

Turbidity Totals:	<u>Raw</u>	<u>Filt 1</u>	<u>Filt 2</u>
Averages:	<u>51.9</u>	<u>6.49</u>	<u>offline</u>
Turbidity High:	<u>3.31</u>	<u>2.44</u>	<u>↓</u>
Ranges Low:	<u>72.9</u>	<u>.174</u>	<u>✓</u>

Production		
Meter Reading End of This Month:	<u>73111800</u>	
Meter Reading End of Last Month:	<u>72433800</u>	
Monthly Production:	<u>658,000</u>	gallons
Average Daily Production:	<u>21,226</u>	gallons/day