

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: April 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				.176			.176	200
2				.163			.163	200
3				.174			.174	200
4				.179			.179	200
5				.201			.201	200
6				.223			.223	200
7				.198			.198	200
8				.183			.183	200
9				.145			.145	200
10				.141			.141	200
11				.132			.132	200
12				.124			.124	200
13				.131			.131	200
14				.140			.140	200
15				.143			.143	200
16				.139			.139	200
17				.134			.134	200
18				.131			.131	200
19				.127			.127	200
20				.125			.125	200
21				.122			.122	200
22				.122			.122	200
23				.117			.117	200
24				.119			.119	200
25				.146			.146	200
26				.160			.160	200
27				.163			.163	200
28				.167			.167	200
29				.174			.174	200
30				.183			.183	200
31								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			
- OR -		PRINTED NAME: Max Baker		
Slow Sand/Cartridge/Membrane/DE Filtration		SIGNATURE: Max Baker		DATE: 5/10/24
95% of turbidity readings ≤ 1 NTU?	Yes / No	PHONE #: (541) 782-3983 office		CERT #: 09601 FE
All turbidity readings < 5 NTU?	Yes / No			

IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

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

April 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/	0.4	385	154	9	6.89	46	Yes	200
2/	0.4	385	154	9	6.94	46	Yes	200
3/	0.4	385	154	9	6.96	46	Yes	200
4/	0.4	385	154	9	6.71	46	Yes	200
5/	0.4	385	154	9	6.79	46	Yes	200
6/	0.4	385	154	9	6.80	46	Yes	200
7/	0.4	385	154	9	6.75	46	Yes	200
8/	0.4	385	154	9	6.86	46	Yes	200
9/	0.4	385	154	9	6.90	46	Yes	200
10/	0.4	385	154	10	6.92	35	Yes	200
11/	0.4	385	154	10	6.89	35	yes	200
12/	0.4	385	154	10	6.92	35	yes	200
13/	0.5	385	142	10	6.62	35	yes	200
14/	0.5	385	142	10	6.81	35	yes	200
15/	0.5	385	142	10	6.87	35	Yes	200
16/	0.5	385	142	11	6.89	35	yes	200
17/	0.5	385	142	11	6.85	35	yes	200
18/	0.5	385	142	12	6.90	35	yes	200
19/	0.5	385	142	12	6.81	35	yes	200
20/	0.5	385	142	12	6.74	35	yes	200
21/	0.5	385	142	13	6.76	35	yes	200
22/	0.5	385	142	13	6.76	35	yes	200
23/	0.5	385	142	13	6.74	35	yes	200
24/	0.5	385	142	14	6.86	35	yes	200
25/	0.5	385	142	14	6.88	35	yes	200
26/	0.5	385	142	14	6.85	35	yes	200
27/	0.5	385	142	14	6.78	35	yes	200
28/	0.5	385	142	14	6.80	35	yes	200
29/	0.5	385	142	12	6.98	35	yes	200
30/	0.5	385	142	12	6.96	35	yes	200
31/		385						200

³If Cl₂ 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

TURBIDITY

DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	64184600	.816	.307	Offline	.176	
2	64252000	.776	.761		.163	
3	64252000	.801	.782		.174	
4	64256300	.813	.286		.179	
5	64313000	.846	.294		.201	
6	64313000	.847	.281		.223	
7	64313000	.813	.253		.198	
8	64344400	.807	.241		.183	
9	64384800	.732	.208		.145	
10	64384800	.662	.194		.141	
11	64384800	.636	.176		.132	
12	64448500	.612	.167		.124	
13	64448500	.701	.182		.131	
14	64448500	.712	.190		.140	
15	64512100	.718	.192		.143	
16	64512100	.709	.187		.139	
17	64512100	.701	.174		.134	
18	64576200	.684	.162		.131	
19	64576200	.662	.160		.127	
20	64576200	.660	.153		.125	
21	64624100	.613	.147		.122	
22	64624100	.571	.143		.122	
23	64679300	.556	.137		.117	
24	64679300	.548	.132		.119	
25	64771800	.712	.189		.146	
26	64721800	.864	.203		.160	
27	64721800	.912	.221		.163	
28	64786900	1.00	.276		.167	
29	64786900	1.12	.284		.174	
30	64826000	1.34	.301	✓	.183	
31						

Turbidity Totals: Raw 22.96 Filt 1 6.38 Filt 2 0
 Averages: Raw .766 Filt 1 .213 Filt 2 0

Turbidity High: Raw 1.34 Filt 1 .307 Filt 2 0
 Ranges Low: Raw .548 Filt 1 .132 Filt 2 0

Production

Meter Reading End of This Month: 64826000
 Meter Reading End of Last Month: 64184600
 Monthly Production: 636400 gallons
 Average Daily Production: 21213 gallons/day