

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: July 2023

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				.310			.310	200
2				.169			.169	200
3				.163			.163	200
4				.181			.181	200
5				.219			.219	200
6				.288			.288	200
7				.223			.223	200
8				.231			.231	200
9				.209			.209	200
10				.301			.301	200
11				.278			.278	200
12				.256			.256	200
13				.191			.191	200
14				.180			.180	200
15				.182			.182	200
16				.161			.161	200
17				.143			.143	200
18				.144			.144	200
19				.162			.162	200
20				.142			.142	200
21				.140			.140	200
22				.132			.132	200
23				.171			.171	200
24				.158			.158	200
25				.152			.152	200
26				.156			.156	200
27				.149			.149	200
28				.154			.154	200
29				.151			.151	200
30				.141			.141	200
31				.132			.132	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: MAX BAKER		
Slow Sand/Cartridge/Membrane/DE Filtration		SIGNATURE: Max Baker	DATE: 8/8/23	
95% of turbidity readings ≤ 1 NTU?	Yes / No	PHONE #: (541) 782-3983	CERT #: 08801 F.E.	
All turbidity readings < 5 NTU?	Yes / No	Cell office		

¹ IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

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

July 2023

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/	0.8	385	308	21	7.00	12	yes	200
2/	0.5	385	192	22	6.98	17	yes	200
3/	0.5	385	192	21	7.04	21	yes	200
4/	0.5	385	192	21	6.83	17	yes	200
5/	0.6	385	231	21	7.03	21	yes	200
6/	0.5	385	192	24	6.97	17	yes	200
7/	0.6	385	231	22	7.08	22	yes	200
8/	0.7	385	269	21	6.92	18	yes	200
9/	0.7	385	269	22	7.01	21	yes	200
10/	0.6	385	231	21	7.12	21	yes	200
11/	0.5	385	192	22	6.91	17	yes	200
12/	0.5	385	192	22	6.99	17	yes	200
13/	0.5	385	192	22	6.91	17	yes	200
14/	0.6	385	231	22	7.00	18	yes	200
15/	0.9	385	347	23	6.55	18	yes	200
16/	0.8	385	308	23	6.69	18	yes	200
17/	0.6	385	231	23	6.53	18	yes	200
18/	0.7	385	269	24	6.68	18	yes	200
19/	0.6	385	231	25	6.46	12	yes	200
20/	0.7	385	269	22	6.06	15	yes	200
21/	0.8	385	308	24	6.57	15	yes	200
22/	0.6	385	231	25	6.52	12	yes	200
23/	0.5	385	192	23	6.63	17	yes	200
24/	0.6	385	231	23	6.65	18	yes	200
25/	0.6	385	231	24	6.71	18	yes	200
26/	0.5	385	192	23	6.59	17	yes	200
27/	0.5	385	192	23	6.68	17	yes	200
28/	0.6	385	231	23	6.52	18	yes	200
29/	0.4	385	153	23	6.58	17	yes	200
30/	0.6	385	231	23	6.57	18	yes	200
31/	0.6	385	231	23	6.54	18	yes	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	56169900	1.06	.162	.132	.219	No rain
2	56206600	.480	.158	.140	.169	
3	56251600	.501	.230	.156	.163	
4	56298400	.652	.180	.150	.181	
5	56340300	.629	.158	.139	.219	
6	56381000	.680	.138	.135	.288	
7	56415600	.618	.131	.128	.223	
8	56450400	.312	.134	.119	.231	
9	56504800	.348	.129	.114	.209	
10	56566300	1.59	.201	.129	.301	
11	56624700	.659	.179	.121	.278	
12	56677500	.612	.122	.119	.256	
13	56731100	.589	.119	.111	.191	
14	56789600	.610	.131	.107	.180	
15	56841700	.534	.136	.113	.182	
16	56887600	.512	.128	.109	.161	
17	56930400	.538	.134	.113	.143	
18	56962600	.478	.121	.109	.144	
19	56995400	.501	.132	.119	.162	
20	57092100	.482	.130	.109	.142	
21	57095800	.467	.128	.121	.146	
22	57136500	.903	.121	.134	.132	
23	57172800	.627	.140	.134	.171	
24	57192700	.612	.132	.121	.158	
25	57245500	.591	.137	.117	.152	
26	57277000	.587	.147	.131	.156	
27	57351500	.492	.141	.137	.149	
28	57375700	.408	.129	.118	.154	
29	57428100	.502	.139	.112	.151	
30	57487400	.521	.140	.129	.141	
31	57530200	.493	.129	.121	.132	

Turbidity Totals: Raw 18.19 Filt 1 4.44 Filt 2 3.40
 Averages: Raw .587 Filt 1 .143 Filt 2 .110

Turbidity High: Raw 1.59 Filt 1 .230 Filt 2 .301
 Ranges Low: Raw .312 Filt 1 .119 Filt 2 .132

Production

Meter Reading End of This Month: 57530200

Meter Reading End of Last Month: 56119300

Monthly Production: 1,510,900 gallons

Average Daily Production: 48,739 gallons/day

Water System City of Westfir

Date July 2023

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 feed C-630P

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	56169000	50600	.24	0.7	0.6	0.6	0.7	0.8	Computer @ water plant is still down. Main PCU out all month, manual pump all month. <u>RVA</u>
2	56206000	36700	.36	0.8	0.6	0.4	0.8	0.5	
3	56251600	45000	.48	0.8	0.5	0.4	0.9	0.5	
4	56298400	46800	.24	0.6	0.4	0.4	0.9	0.5	
5	56340300	41900	.48	0.7	0.5	0.5	0.8	0.6	
6	56381000	40700	.36	0.7	0.4	0.5	0.7	0.5	
7	56415400	34600	.48	0.7	0.4	0.5	0.6	0.6	
8	56450400	34800	.60	0.7	0.5	0.4	0.4	0.7	
9	56504800	54400	.48	0.7	0.5	0.5	0.4	0.7	
10	56566300	61500	.60	0.7	0.5	0.5	0.5	0.6	
11	56624700	41600	.84	1.0	0.4	0.3	0.7	0.5	
12	56677500	52800	.60	0.8	0.5	0.4	0.5	0.5	
13	56731100	53600	.72	1.0	0.5	0.5	0.5	0.5	
14	56789600	58500	.72	1.0	0.5	0.5	0.5	0.6	
15	56841700	52100	.48	0.8	0.3	0.5	0.4	0.9	
16	56887600	45900	.48	0.6	0.4	0.5	0.4	0.8	
17	56930400	42800	.48	0.5	0.5	0.3	0.4	0.6	
18	56962600	32200	.72	0.7	0.5	0.4	0.4	0.7	
19	56995400	32800	.60	0.7	0.6	0.3	0.4	0.6	
20	57052100	56700	.36	1.0	0.5	0.3	0.3	0.7	
21	57090800	38700	.24	0.5	0.6	0.3	0.3	0.8	
22	57136500	45700	.24	0.4	0.5	0.3	0.4	0.6	
23	57172800	30300	.12	0.5	0.6	0.4	0.4	0.5	
24	57192700	19900	.36	0.3	0.5	0.5	0.4	0.6	
25	57245500	52800	.36	0.5	0.5	0.5	0.4	0.6	
26	57277700	32200	.36	0.6	0.5	0.4	0.2	0.5	
27	57331500	53800	.24	0.7	0.5	0.5	0.4	0.5	
28	57375700	44200	.84	0.7	0.5	0.5	0.4	0.6	
29	57438100	62400	.60	1.0	0.5	0.4	0.5	0.4	
30	57487400	49300	.36	0.7	0.4	0.4	0.4	0.6	
31	57530200	42800	.36	0.8	0.5	0.4	0.4	0.6	