

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: August 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				.117			.117	200
2				.112			.112	200
3				.109			.109	200
4				.108			.108	200
5				.107			.107	200
6				.110			.110	200
7				.108			.108	200
8				.110			.110	200
9				.106			.106	200
10				.106			.106	200
11				.104			.104	200
12				.108			.108	200
13				.107			.107	200
14				.106			.106	200
15				.110			.110	200
16				.107			.107	200
17				.129			.129	200
18				.121			.121	200
19				.118			.118	200
20				.120			.120	200
21				.117			.117	200
22				.116			.116	200
23				.121			.121	200
24				.123			.123	200
25				.117			.117	200
26				.114			.114	200
27				.111			.111	200
28				.111			.111	200
29				.113			.113	200
30				.106			.106	200
31				.109			.109	200

Conventional or Direct Filtration 95% of turbidity readings ≤ 0.3 NTU? <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	Monthly Summary (Answer Yes or No) CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No All Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No Cl ₂ residual measured in 95% of distribution samples? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No		
- OR -	PRINTED NAME: Max Baker		
Slow Sand/Cartridge/Membrane/DE Filtration 95% of turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	SIGNATURE: <i>Max Baker</i>	DATE: 9-3-24	
	PHONE #: (541) 782-3983 office	CERT #: 08601FE	

IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF ID #: OR4100939 WTP-: WTP-A Month/Year: August 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	23	6.97	17	Yes	200
2/	0.5	385	192	23	6.91	17	Yes	200
3/	0.5	385	192	23	6.95	17	Yes	200
4/	0.5	385	192	23	6.97	17	Yes	200
5/	0.5	385	192	23	6.99	17	Yes	200
6/	0.5	385	192	23	6.96	17	Yes	200
7/	0.5	385	192	23	6.98	17	Yes	200
8/	0.5	385	192	23	6.96	17	Yes	200
9/	0.5	385	192	23	6.99	17	Yes	200
10/	0.5	385	192	23	7.00	17	Yes	200
11/	0.5	385	192	23	7.01	21	Yes	200
12/	0.5	385	192	23	6.91	17	Yes	200
13/	0.5	385	192	23	6.85	17	Yes	200
14/	0.5	385	192	23	6.88	17	Yes	200
15/	0.5	385	192	23	6.92	17	Yes	200
16/	0.5	385	192	23	6.90	17	Yes	200
17/	0.5	385	192	22	6.93	17	Yes	200
18/	0.5	385	192	22	6.95	17	Yes	200
19/	0.5	385	192	22	6.93	17	Yes	200
20/	0.5	385	192	22	6.94	17	Yes	200
21/	0.5	385	192	22	6.96	17	Yes	200
22/	0.5	385	192	22	6.93	17	Yes	200
23/	0.5	385	192	22	6.99	17	Yes	200
24/	0.5	385	192	22	6.92	17	Yes	200
25/	0.5	385	192	22	6.94	17	Yes	200
26/	0.5	385	192	22	6.94	17	Yes	200
27/	0.5	385	192	22	7.01	21	Yes	200
28/	0.5	385	192	21	7.00	17	Yes	200
29/	0.5	385	192	22	7.01	21	Yes	200
30/	0.5	385	192	22	7.00	17	Yes	200
31/	0.5	385	192	22	7.00	17	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

Water System City of Westfir

Date August 2024

Water Supt. Max Baker

Source of Water N/F 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	682787.00	61500	.60	0.9	10.4	10.4	10.4	10.5	
2	683570.00	78300	.72	0.9	10.4	10.4	10.4	10.5	
3	683570.00	0	.60	0.9	10.4	10.4	10.4	10.5	Pump Off
4	684288.00	71900	.60	0.9	10.4	10.4	10.4	10.5	
5	684438.00	15000	.48	0.9	10.4	10.4	10.4	10.5	
6	684925.00	48700	.84	0.8	10.4	10.4	10.4	10.5	
7	685352.00	42700	.48	0.8	10.4	10.4	10.4	10.5	
8	685872.00	52000	.36	0.9	10.4	10.4	10.4	10.5	
9	686369.00	40700	.24	0.9	10.4	10.4	10.4	10.5	
10	686646.00	27900	.60	0.9	10.4	10.4	10.4	10.5	
11	687418.00	77000	.0	0.9	10.4	10.4	10.4	10.5	
12	687421.00	300	.60	0.9	10.4	10.4	10.4	10.5	
13	687959.00	53800	.24	0.9	10.4	10.4	10.4	10.5	
14	688308.00	34900	.36	0.9	10.4	10.4	10.4	10.5	
15	688724.00	41600	.24	0.9	10.4	10.4	10.4	10.5	
16	689072.00	34600	.0	0.9	10.4	10.4	10.4	10.5	
17	689828.00	75600	.60	0.9	10.4	10.4	10.4	10.5	
18	689828.00	0	.0	0.9	10.4	10.4	10.4	10.5	11
19	689828.00	0	.0	0.9	10.4	10.4	10.4	10.5	11
20	690588.00	68000	.60	0.9	10.4	10.4	10.4	10.5	
21	690735.00	22700	.24	0.9	10.4	10.4	10.4	10.5	
22	691229.00	49400	.36	0.8	10.4	10.4	10.4	10.5	
23	691368.00	13900	.12	0.8	10.4	10.4	10.4	10.5	
24	691877.00	50900	.60	0.9	10.4	10.4	10.4	10.5	
25	691896.00	1900	.0	0.9	10.4	10.4	10.4	10.5	
26	692560.00	66400	.48	0.9	10.4	10.4	10.4	10.5	
27	692560.00	0	.0	0.9	10.4	10.4	10.4	10.5	11
28	693312.00	75200	.72	0.9	10.4	10.4	10.4	10.5	
29	693312.00	0	.0	0.9	10.4	10.4	10.4	10.5	11
30	694099.00	78700	.60	0.9	10.4	10.4	10.4	10.5	
31	694752.00	65300	.48	0.9	10.4	10.4	10.4	10.5	

TURBIDITY						
DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	68276700	.256	.124	offline	.117	
2	68351000	.251	.119		.112	
3	68351000	.246	.119		.109	
4	68424400	.243	.116		.108	
5	68443800	.243	.114		.107	
6	68492500	.244	.117		.110	
7	68535200	.236	.113		.108	
8	68546200	.236	.114		.110	
9	68636900	.231	.111		.106	
10	68664900	.233	.108		.106	
11	68741800	.227	.110		.104	
12	68742100	.230	.107		.108	
13	68795900	.224	.106		.107	
14	68830800	.219	.106		.106	
15	68872400	.221	.110		.110	
16	68907200	.218	.109		.107	
17	689462800	.261	.132		.124	
18	689462800	.254	.130		.121	
19	68987900	.247	.127		.118	
20	69050900	.244	.122		.120	
21	69073500	.236	.120		.117	
22	69122900	.232	.116		.116	
23	69136600	.361	.141		.121	
24	69146700	.356	.137		.123	
25	69189600	.341	.128		.117	
26	69256000	.310	.122		.114	
27	69256000	.292	.119		.111	
28	69331200	.261	.116		.111	
29	69331200	.231	.114		.113	
30	69409900	.213	.108		.106	
31	69475200	.211	.110	↓	.109	

	Raw	Filt 1	Filt 2
Turbidity Totals:	<u>7.78</u>	<u>3.65</u>	<u>offline</u>
Averages:	<u>.251</u>	<u>.118</u>	↓
Turbidity High:	<u>.361</u>	<u>.141</u>	↓
Ranges Low:	<u>.211</u>	<u>.106</u>	↓

Production

Meter Reading End of This Month: 69475200
 Meter Reading End of Last Month: 68217200
 Monthly Production: 1258000 gallons
 Average Daily Production: 40561 gallons/day