

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: March 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				.119			.119	200
2				.116			.116	200
3				.114			.114	200
4				.135			.135	200
5				.094			.094	200
6				.129			.129	200
7				.174			.174	200
8				.118			.118	200
9				.111			.111	200
10				.129			.129	200
11				.107			.107	200
12				.100			.100	200
13				.122			.122	200
14				.144			.144	200
15				.161			.161	200
16				.145			.145	200
17				.123			.123	200
18				.115			.115	200
19				.146			.146	200
20				.167			.167	200
21				.129			.129	200
22				.150			.150	200
23				.172			.172	200
24				.172			.172	200
25				.133			.133	200
26				.170			.170	200
27				.213			.213	200
28				.153			.153	200
29				.157			.157	200
30				.151			.151	200
31				.137			.137	200

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)		
95% of turbidity readings ≤ 0.3 NTU? <input type="checkbox"/> Yes / <input type="checkbox"/> 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
All turbidity readings < 1 NTU? <input type="checkbox"/> Yes / <input type="checkbox"/> No			
All turbidity readings < IFE triggers? <input type="checkbox"/> Yes / <input type="checkbox"/> No ¹			
- OR -	PRINTED NAME: <u>Jackson Stone</u>		
Slow Sand/Cartridge/Membrane/DE Filtration	SIGNATURE: <u>[Signature]</u>	DATE: <u>4-4-2023</u>	
95% of turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	PHONE #: (541) <u>554-8660</u> cell	CERT #: <u>D08839</u>	
All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	<u>782-3983</u> office	<u>T08840</u>	

¹ IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF ID #: OR4100939 WTP-: WTP-A Month/Year: March 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	6	7.08	58	yes	200
2/	0.8	385	308	6	7.11	58	yes	200
3/	0.8	385	308	7	7.08	57	yes	200
4/	0.9	385	347	6	7.10	58	yes	200
5/	0.8	385	308	6	7.04	58	yes	200
6/	0.7	385	269	6	7.06	57	yes	200
7/	0.7	385	269	6	6.96	48	yes	200
8/	0.8	385	308	6	7.09	58	yes	200
9/	0.8	385	308	6	7.00	49	yes	200
10/	0.8	385	308	6	7.09	58	yes	200
11/	1.0	385	385	6	7.05	60	yes	200
12/	0.9	385	347	6	6.79	49	yes	200
13/	0.9	385	347	6	6.99	49	yes	200
14/	0.8	385	308	6	6.99	48	yes	200
15/	0.8	385	308	7	6.98	48	yes	200
16/	0.7	385	269	7	7.01	57	yes	200
17/	0.6	385	231	6	6.94	48	yes	200
18/	0.6	385	231	7	7.14	57	yes	200
19/	0.6	385	231	7	7.10	57	yes	200
20/	0.6	385	231	7	7.16	57	yes	200
21/	0.6	385	231	7	7.07	57	yes	200
22/	0.8	385	308	8	7.04	58	yes	200
23/	0.8	385	308	8	7.04	58	yes	200
24/	0.7	385	269	7	7.20	57	yes	200
25/	0.9	385	347	7	7.10	58	yes	200
26/	0.9	385	347	7	7.09	58	yes	200
27/	0.8	385	308	7	7.05	57	yes	200
28/	0.9	385	347	7	7.09	58	yes	200
29/	0.8	385	308	7	7.10	57	yes	200
30/	0.8	385	308	8	7.20	58	yes	200
31/	0.8	385	308	8	7.18	58	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 March 2023 Water Supt. Jackson Stone
 Source of Water N/E 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. C630-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	50846400	30700	.48	0.7	0.7	0.7	0.8	0.8	
2	50870700	30300	.48	1.0	0.7	0.7	0.8	0.8	
3	50912300	35600	.48	0.9	0.7	0.7	0.8	0.8	
4	50940700	28400	.36	0.9	1.0	0.7	1.0	0.9	
5	50973300	32600	.48	0.9	1.0	0.8	1.0	0.8	
6	51006200	32900	.48	0.9	0.9	0.8	0.7	0.7	
7	51041800	35600	.60	0.8	0.8	0.8	0.7	0.7	
8	51076300	34500	.48	0.8	0.8	0.7	0.7	0.8	
9	51107700	31400	.36	0.8	0.8	0.7	0.7	0.8	
10	51138800	31100	.36	0.8	0.8	0.7	0.8	0.8	
11	51170900	32100	.24	0.7	0.8	0.8	0.9	1.0	
12	51203900	33000	.24	0.5	1.0	0.8	1.0	0.9	
13	51237300	33400	.36	0.5	0.8	0.8	0.8	0.9	
14	51270300	33100	.12	0.6	0.7	0.7	0.8	0.8	
15	51294400	24100	.36	0.7	0.7	0.7	0.7	0.8	
16	51338000	43600	.60	1.0	0.7	0.7	0.7	0.7	
17	51372400	34400	.60	1.0	0.7	0.7	0.7	0.6	
18	51397500	25100	.60	0.9	0.7	0.8	0.7	0.6	
19	51435500	38000	.72	1.1	0.6	0.7	0.7	0.6	
20	51470000	34500	.48	1.0	0.6	0.7	0.7	0.6	
21	51507200	37200	.72	1.0	0.6	0.7	0.7	0.6	
22	51537500	30300	.48	0.8	0.6	0.7	0.7	0.8	
23	51573400	30400	.60	0.8	0.6	0.6	0.7	0.8	
24	51606200	32300	.36	1.0	0.7	0.7	0.8	0.7	
25	51641200	35000	.48	1.0	0.7	0.8	0.7	0.9	
26	51671800	30600	.48	1.1	0.8	0.9	0.8	0.9	
27	51709600	31300	.60	1.0	0.8	0.8	0.8	0.8	
28	51733700	24100	.48	1.0	0.8	0.8	0.7	0.9	
29	51770000	42300	.48	0.9	0.8	0.8	0.7	0.8	
30	51800700	24700	.48	0.9	0.8	0.7	0.8	0.8	
31	51840500	39800	.60	0.9	0.8	0.8	0.7	0.8	

TURBIDITY						NOTES
DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	
1	50846400	.804	.080	.104	.140	
2	50870700	.740	.096	.112	.130	
3	50912300	.798	.092	.089	.060	
4	50940700	.855	.097	.149	.160	
5	50973300	.805	.101	.107	.150	
6	51006200	.762	.079	.134	.130	
7	51041800	.949	.072	.106	.260	
8	51076300	.754	.098	.099	.120	
9	51107700	.763	.126	.126	.140	
10	51138800	.839	.115	.115	.170	
11	51170900	1.18	.097	.085	.210	
12	51203900	1.21	.080	.129	.080	
13	51237300	1.07	.092	.114	.170	
14	51270300	1.44	.132	.122	.020	
15	51294400	1.12	.074	.143	.030	
16	51338000	1.44	.097	.175	.030	
17	51372400	1.61	.139	.115	.040	
18	51397500	1.10	.080	.136	.080	
19	51435500	1.35	.097	.123	.190	
20	51470000	1.36	.101	.134	.160	
21	51507200	1.54	.086	.176	.140	
22	51537500	1.54	.102	.174	.070	
23	51573900	1.18	.100	.165	.020	
24	51606200	1.25	.129	.139	.050	
25	51641200	1.06	.097	.140	.120	
26	51671800	1.26	.111	.154	.070	
27	51709600	1.30	.108	.169	.050	
28	51733700	1.39	.088	.151	.070	
29	51776000	1.56	.107	.143	.040	
30	51800700	1.31	.094	.147	.070	
31	51840500	1.19	.099	.132	.170	

Turbidity Totals: Raw 36.19 Filt 1 3.07 Filt 2 4.05
 Averages: Raw 1.18 Filt 1 .098 Filt 2 .130

Turbidity High: Raw 1.67 Filt 1 .139 Filt 2 .176
 Ranges Low: Raw .740 Filt 1 .072 Filt 2 .085

Production

Meter Reading End of This Month: 51840500
 Meter Reading End of Last Month: 50815700
 Monthly Production: 1,024,800 gallons
 Average Daily Production: 33,058 gallons/day