

## Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: FEB 2021

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				.191			.191	200
2				.208			.208	200
3				.173			.173	200
4				.179			.179	200
5				.184			.184	200
6				.122			.122	200
7				.131			.131	200
8				.125			.125	200
9				.131			.131	200
10				.122			.122	200
11				.144			.144	200
12				.186			.186	200
13				.130			.130	200
14				.157			.157	200
15				.153			.153	200
16				.211			.211	200
17				.231			.231	200
18				.288			.288	200
19				.305			.305	200
20				.347			.347	200
21				.261			.261	200
22				.259			.259	200
23				.233			.233	200
24				.228			.228	200
25				.211			.211	200
26				.171			.171	200
27				.253			.253	200
28				.212			.212	200
29								200
30								200
31								200

<b>Conventional or Direct Filtration</b>		<b>Monthly Summary (Answer Yes or No)</b>		
95% of turbidity readings ≤ 0.3 NTU?	Yes / No	CT's met everyday? (see back)	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l?	Cl <sub>2</sub> residual measured in 95% of distribution samples?
All turbidity readings < 1 NTU?	Yes / No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
All turbidity readings < IFE triggers?	Yes / No <sup>1</sup>			
- OR -		PRINTED NAME: <u>JACKSON STONE</u>		
<u>Slow Sand/Cartridge/Membrane/DE Filtration</u>		SIGNATURE: <u>[Signature]</u>		DATE: <u>03/04/2021</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>TO8840</u>

<sup>1</sup> IFE = Individual Filter Effluent

## OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF ID #: OR4100939 WTP-: WTP-A Month/Year: FEB 2020

Date / Time	Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> User ( C ) <sup>3</sup>	Contact Time ( T )	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		Use tables	Yes / No	[GPM]
1/	0.8	385	308	7°	6.28	31	Yes	200
2/	0.8	385	308	7°	6.39	31	Yes	200
3/	0.7	385	269	7°	6.51	36	Yes	200
4/	0.8	385	308	7°	6.46	31	Yes	200
5/	0.8	385	308	7°	6.53	31	Yes	200
6/	0.8	385	308	7°	6.50	31	Yes	200
7/	0.8	385	308	8°	6.55	37	Yes	200
8/	0.7	385	269	7°	6.87	36	Yes	200
9/	0.8	385	308	7°	6.64	37	Yes	200
10/	0.8	385	308	7°	6.62	37	Yes	200
11/	0.7	385	269	7°	6.58	36	Yes	200
12/	0.8	385	308	8°	6.64	37	Yes	200
13/	0.8	385	308	7°	6.55	37	Yes	200
14/	0.8	385	308	7°	6.56	37	Yes	200
15/	0.8	385	308	8°	6.62	37	Yes	200
16/	0.8	385	308	7°	6.65	37	Yes	200
17/	0.8	385	308	7°	6.69	37	Yes	200
18/	0.8	385	308	7°	6.71	37	Yes	200
19/	0.7	385	269	7°	6.69	37	Yes	200
20/	0.7	385	269	7°	7.05	43	Yes	200
21/	0.7	385	269	7°	6.63	37	Yes	200
22/	0.7	385	269	7°	6.58	37	Yes	200
23/	0.6	385	231	8°	6.61	36	Yes	200
24/	0.7	385	269	8°	6.52	37	Yes	200
25/	0.7	385	269	7°	6.49	30	Yes	200
26/	0.7	385	269	7°	6.61	37	Yes	200
27/	0.7	385	269	8°	6.64	37	Yes	200
28/	0.7	385	269	8°	6.62	37	Yes	200
29/		385						200
30/		385						200
31/		385						200

<sup>3</sup>If Cl<sub>2</sub> 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 FEB 2021

Water Supt. JACKSON STONE

Source of Water N/F W. HOWITIE RIVER

No. of Services 131

Population Served 250

Chlorine Product Used Sodium Hypochlorite Strength as Fed 12.5 %

Make & Type of Chlorinator CHEM-FEED C630-P

OR 4100939

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.	
////////////////////////////////////				SP#1	SP #2	SP #3	SP #4	SP #5	////////////////////////////////////
				ppm	ppm	ppm	ppm	ppm*	
1	21864600	40,300	.60	1.0	0.6	0.6	0.7	0.8	.5
2	21914300	49,700	.24	1.1	0.6	0.5	0.6	0.8	.9
3	21945200	30,900	.36	1.0	0.7	0.5	0.7	0.7	.1
4	21982700	37,500	.48	0.9	0.7	0.6	0.6	0.8	.1
5	22027800	45,100	.48	0.9	0.6	0.5	0.5	0.8	.1
6	22063700	35,900	.24	0.9	0.7	0.5	0.6	0.8	
7	22094900	31,200	.36	0.9	0.7	0.4	0.6	0.8	
8	22137500	42,600	.36	1.0	0.6	0.5	0.6	0.7	
9	22187500	50,000	.36	0.9	0.5	0.6	0.7	0.8	
10	22217400	29,900	.24	0.9	0.6	0.6	0.6	0.8	
11	22271700	54,300	.48	0.9	0.5	0.6	0.5	0.7	.3
12	22298000	26,300	.36	0.9	0.6	0.6	0.7	0.8	1.2
13	22324200	26,200	.36	0.9	0.7	0.5	0.7	0.8	.5
14	22372600	48,400	.36	0.8	0.7	0.4	0.7	0.8	.8
15	22408100	35,500	.36	0.8	0.7	0.5	0.7	0.8	.6
16	22449300	41,200	.48	0.8	0.6	0.4	0.6	0.8	.3
17	22500600	51,300	.36	0.8	0.5	0.5	0.5	0.8	
18	22530500	30,100	.36	1.1	0.6	0.7	0.6	0.8	1.6
19	22576500	46,000	.36	1.2	0.7	0.7	0.6	0.7	.8
20	22604000	27,500	.36	1.0	0.7	0.6	0.6	0.7	.2
21	22636500	32,500	.36	0.9	0.7	0.5	0.6	0.7	.1
22	22679100	42,600	.36	0.9	0.7	0.6	0.6	0.7	.3
23	22736900	57,800	.48	1.0	0.6	0.6	0.6	0.6	.1
24	22763000	26,100	.48	0.8	0.5	0.6	0.6	0.7	
25	22814500	51,500	.36	0.9	0.6	0.6	0.5	0.7	.6
26	22844200	29,700	.36	1.0	0.6	0.5	0.6	0.7	.4
27	22871600	27,400	.48	0.9	0.6	0.5	0.6	0.7	
28	22924400	52,800	.36	0.9	0.7	0.5	0.6	0.7	
29									
30									
31									
									9.5" Total Rain Fall

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TURBIDITY						
DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	21864600	.871	.139	.121	.120	
2	21914300	.904	.147	.119	.100	
3	21945200	1.13	.152	.134	.120	
4	21982700	.988	.141	.123	.130	
5	22027800	1.49	.128	.114	.120	
6	22063700	1.13	.138	.143	.140	
7	22094900	.997	.181	.105	.140	
8	22137500	.934	.176	.118	.120	
9	22187500	.821	.143	.104	.110	
10	22217400	.752	.140	.113	.120	
11	22271700	.777	.151	.119	.120	
12	22298000	.801	.148	.111	.110	
13	22324200	.895	.135	.092	.130	
14	22372600	1.06	.150	.157	.130	
15	22408100	1.42	.302	.148	.140	
16	22449300	1.61	.228	.161	.160	
17	22502600	2.51	.279	.156	.220	
18	22530500	3.83	.301	.218	.225	
19	22576500	3.60	.294	.161	.210	
20	22604000	2.84	.263	.199	.240	
21	22636500	2.41	.355	.222	.210	
22	22679100	1.97	.289	.207	.240	
23	22736900	2.12	.278	.201	.250	
24	22763000	1.98	.261	.194	.220	
25	22814500	1.83	.252	.207	.200	
26	22844200	1.76	.243	.198	.200	
27	22871600	1.46	.184	.198	.190	
28	22924400	1.46	.223	.183	.190	
29						
30						
31						

Turbidity Totals: Raw Filt 1 Filt 2  
 Averages: 44.05 5.821 4.326  
1.57 .208 .155

Turbidity High: 3.83 .355 .222  
 Ranges Low: .752 .128 .092

**Production**

Meter Reading End of This Month: 22,924,400  
 Meter Reading End of Last Month: 21,824,300  
 Monthly Production: 1,100,100 gallons  
 Average Daily Production: 39,239 gallons/day