

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: September 2022

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				.126			.126	200
2				.127			.127	200
3				.129			.129	200
4				.136			.136	200
5				.143			.143	200
6				.121			.121	200
7				.115			.115	200
8				.092			.092	200
9				.119			.119	200
10				.102			.102	200
11				.100			.100	200
12				.113			.113	200
13				.120			.120	200
14				.135			.135	200
15				.124			.124	200
16				.125			.125	200
17				.116			.116	200
18				.109			.109	200
19				.097			.097	200
20				.112			.112	200
21				.120			.120	200
22				.124			.124	200
23				.112			.112	200
24				.106			.106	200
25				.111			.111	200
26				.098			.098	200
27				.108			.108	200
28				.142			.142	200
29				.109			.109	200
30				.104			.104	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) Yes / No	All Cl ₂ residual at entry point ≥ 0.2 mg/l? Yes / No	Cl ₂ residual measured in 95% of distribution samples? Yes / No
All turbidity readings < 1 NTU?	Yes / No			
All turbidity readings < IFE triggers?	Yes / No ¹			
- OR -		PRINTED NAME: JACKSON STONE		
Slow Sand/Cartridge/Membrane/DE Filtration		SIGNATURE: <i>[Signature]</i>		DATE: 10-3-2022
95% of turbidity readings ≤ 1 NTU?	Yes / No	PHONE #: (541) 782-3483 OFFICE	CERT #: D08834	
All turbidity readings < 5 NTU?	Yes / No	554-8660 CELL	T09340	

¹ IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF ID #: OR4100939 WTP-: WTP-A Month/Year: September 2022

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/	0.6	385	231	22	6.90	18	yes	200
2/	0.6	385	231	23	6.83	18	yes	200
3/	0.7	385	269	22	6.74	18	yes	200
4/	0.6	385	231	23	6.77	18	yes	200
5/	0.6	385	231	23	7.01	21	yes	200
6/	0.6	385	231	23	7.32	21	yes	200
7/	0.7	385	269	23	6.88	18	yes	200
8/	0.7	385	269	23	6.85	18	yes	200
9/	0.6	385	231	24	6.84	18	yes	200
10/	0.5	385	192	23	6.82	17	yes	200
11/	0.7	385	269	21	6.88	18	yes	200
12/	0.7	385	269	21	6.84	18	yes	200
13/	0.8	385	308	20	6.93	18	yes	200
14/	0.7	385	269	20	6.80	18	yes	200
15/	0.7	385	269	20	6.82	18	yes	200
16/	0.6	385	231	20	6.89	18	yes	200
17/	0.7	385	269	19	6.90	18	yes	200
18/	0.7	385	269	19	6.91	18	yes	200
19/	0.7	385	269	19	6.88	18	yes	200
20/	0.7	385	269	19	6.87	18	yes	200
21/	0.7	385	269	19	6.84	18	yes	200
22/	0.6	385	231	19	6.90	18	yes	200
23/	0.7	385	269	19	6.86	18	yes	200
24/	0.7	385	269	20	6.82	18	yes	200
25/	0.7	385	269	20	6.85	18	yes	200
26/	0.7	385	269	20	6.71	18	yes	200
27/	0.6	385	231	20	6.69	18	yes	200
28/	0.6	385	231	19	6.72	18	yes	200
29/	0.6	385	231	19	6.70	18	yes	200
30/	0.7	385	269	19	6.77	18	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

Water System CITY OF WASHINGTON

Date September 2022

Water Supt. JACKSON STONE

Source of Water N/E W. KANITA RIVER

No. of Services 131

Population Served 250

Chlorine Product Used Sodium Hypochlorite

Strength as Fed 12.5%

Make & Type of Chlorinator CHEM FINDER C630-T

OR # 410039

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	44284300	36300	.48	0.8	0.5	0.4	0.4	0.6	
2	44337400	53100	.60	1.0	0.5	0.4	0.5	0.6	
3	44378500	41100	.60	1.0	0.5	0.5	0.5	0.7	
4	44429300	50800	.72	0.9	0.6	0.4	0.4	0.6	
5	44481100	51800	.72	0.9	0.6	0.4	0.4	0.6	
6	44552500	71400	.36	0.9	0.6	0.3	0.4	0.6	
7	44582500	30000	.48	0.9	0.7	0.4	0.4	0.7	
8	44626000	43500	.84	0.9	0.7	0.4	0.4	0.7	
9	44705300	79300	.24	0.9	0.6	0.3	0.4	0.6	
10	44734900	29600	2.26	0.9	0.6	0.3	0.4	0.5	Generator on overnight 1.3 Euc
11	44901000	166100	.72	1.1	0.6	0.3	0.4	0.7	
12	45012000	111000	.60	0.9	0.7	0.4	0.5	0.7	0.1
13	45057500	45500	.36	0.8	0.7	0.4	0.5	0.8	
14	45090300	32800	.72	0.8	0.7	0.4	0.5	0.7	
15	45143100	52800	.48	0.8	0.7	0.4	0.5	0.7	
16	45184100	41000	.48	0.8	0.7	0.4	0.5	0.6	
17	45223000	38400	.48	0.9	0.7	0.4	0.5	0.7	0.3
18	45272900	49900	.48	0.9	0.6	0.5	0.5	0.7	
19	45305000	32100	.36	0.8	0.6	0.5	0.5	0.7	0.1
20	45342000	37000	.48	0.7	0.7	0.5	0.5	0.7	0.2
21	45386700	44700	.48	0.8	0.6	0.5	0.5	0.7	0.2
22	45422400	35700	.72	0.8	0.6	0.5	0.5	0.6	
23	45485000	62600	.36	0.8	0.6	0.6	0.5	0.7	
24	45528800	43800	.48	0.8	0.6	0.5	0.5	0.7	
25	45568800	40000	.48	0.8	0.5	0.5	0.6	0.7	
26	45609000	40200	.36	0.8	0.6	0.5	0.6	0.7	
27	45644400	35400	.36	0.7	0.5	0.5	0.5	0.6	
28	45687000	42600	.36	0.8	0.6	0.6	0.5	0.6	0.1
29	45724300	37300	.24	0.7	0.6	0.5	0.5	0.6	
30	45762800	38500	.12	0.7	0.6	0.5	0.6	0.7	
31									1.0 Total rainfall

OR # 4100977

TURBIDITY

DATE	MASTER METER	RAW	FILT 1	FILT 2	FAC CLEAR WELL	NOTES
1	44284300	.319	.136	Ø	.190	
2	44337400	.311	.121	Ø	.200	
3	44378500	.324	.126	Ø	.210	
4	44429300	.318	.121	Ø	.210	
5	44481100	.331	.148	Ø	.220	
6	44552500	.192	.161	Ø	.180	
7	44582500	.291	.128	Ø	.210	
8	44626000	.561	.120	Ø	.200	
9	44705300	.245	.155	Ø	.190	
10	44734900	.570	.201	Ø	.180	Generator on overnight L3 Evac
11	44901000	.816	.212	Ø	.140	Ø
12	45012000	.422	.150	Ø	.170	
13	45057500	.343	.125	Ø	.170	
14	45090300	.231	.100	Ø	.180	
15	45143100	.425	.205	Ø	.170	
16	45184100	.402	.121	Ø	.190	
17	45223000	.495	.131	Ø	.180	
18	45272400	.662	.123	Ø	.210	
19	45305000	.364	.118	Ø	.220	
20	45342000	.540	.111	Ø	.200	
21	45386700	.465	.090	Ø	.190	
22	45422400	.330	.099	Ø	.180	
23	45485000	.309	.107	Ø	.170	
24	45528800	.286	.113	Ø	.180	
25	45565800	.467	.085	Ø	.190	
26	45609000	.217	.127	Ø	.190	
27	45644400	.385	.109	Ø	.190	
28	45687000	.285	.098	Ø	.190	
29	45724300	.384	.097	Ø	.190	
30	45762800	.420	.091	Ø	.190	
31						

Turbidity Totals: Raw 11.68 Filt 1 3.73 Filt 2 Ø
 Averages: .389 .124 Ø

Turbidity High: .816 .212 Ø
 Ranges Low: .192 .085 Ø

Production

Meter Reading End of This Month: 45762800
 Meter Reading End of Last Month: 44248000
 Monthly Production: 1,514,800 gallons
 Average Daily Production: 50,493 gallons/day