

MONTH / YEAR: September 2021

System Name: Youngs River Lewis & Clark Water District **System ID # 4100062**

Day	4AM NTU	8 AM NTU	Noon NTU	4 PM NTU	8 PM NTU	12:00 AM NTU	Highest Reading	Peak Hourly Flow
1	0.029	0.029	0.029	0.029	0.029	0.029	0.029	250
2	0.029	0.029	0.029	0.029	0.028	0.029	0.029	275
3	0.029	0.028	0.029	0.029	0.029	0.029	0.029	111
4	off	0.029	0.029	0.029	0.029	0.029	0.029	132
5	0.029	off	0.029	0.029	0.029	0.029	0.029	145
6	0.029	off	0.029	0.029	0.029	0.029	0.029	180
7	OFF	0.029	0.029	0.029	0.029	0.029	0.029	153
8	0.029	0.029	0.029	0.029	0.029	0.029	0.029	251
9	0.029	0.029	0.029	0.029	0.029	0.029	0.029	254
10	0.029	0.030	0.037	0.029	0.029	0.029	0.037	142
11	0.039	0.029	0.029	0.029	0.029	0.029	0.039	248
12	0.029	0.029	0.032	0.029	0.029	0.029	0.032	231
13	0.029	0.029	0.028	0.029	0.029	0.031	0.031	257
14	off	0.031	0.031	0.031	0.031	0.031	0.031	166
15	0.031	0.031	0.031	0.031	0.031	0.031	0.031	167
16	0.031	0.032	0.310	0.310	0.310	0.310	0.310	152
17	pause	0.310	0.031	0.030	-	0.300	0.310	174
18	0.031	-	-	-	0.031	0.031	0.031	242
19	-	-	-	0.015	0.015	0.011	0.015	135
20	0.021	0.021	off	0.157	0.013	0.011	0.157	143
21	0.015	pause	OFF	0.019	0.019	0.018	0.019	161
22	0.019	0.019	0.019	0.020	0.020	0.020	0.020	149
23	0.020	0.020	0.020	0.020	0.020	0.020	0.020	167
24	0.020	0.020	0.020	0.020	0.020	0.020	0.020	174
25	0.020	0.020	0.020	0.020	0.020	0.020	0.020	178
26	0.020	0.020	0.020	0.020	0.020	0.020	0.020	168
27	0.020	0.020	0.020	0.020	0.022	0.020	0.022	264
28	0.020	0.022	0.020	0.020	0.020	0.020	0.022	227
29	0.020	0.020	0.020	0.020	0.031	0.020	0.031	222
30	0.020	0.020	0.020	OFF	0.020	0.020	0.020	108
31								
					Average		0.050	188

95% of Turb readings <.5 MCL

YES / NO

CT's meet everyday

YES / NO

Cl. Residual at entry point always: >.2

mg/l YES / NO

All Turbidity readings < 5 NTU

YES / NO

Cl2 Measured in 95% of the

distribution system YES / NO

Are you using a Slow Sand or Cartridge Filter YES / NO

MCL is .5 for conventional and direct filtration

MCL is 1 for slow sand and diatomaceous earth filters

Phone (503) 325-4330

Name print Carl Gifford

Signature 

Date: Oct / 4th / 2021

Certification #: T-08408

Youngs River Lewis & Clark WD ID# OR410062 WTP September [2021](#)

	<u>Time</u>	<u>Min. CL₂</u>	<u>Contact Time (Min)</u>	<u>Actual CT</u>	<u>Temp</u>	<u>pH</u>	<u>Required CT</u>	<u>Meet CT?</u>	<u>Flow</u>
<u>DATE</u>		(C) at first user	(T)	CxT	°C		Use Table	YES/NO	(GPM)
1	10:00	0.82	51.02	41.84	14.4	6.97	19	YES	250
2	8:30	0.75	46.38	34.79	14.5	7.07	22	YES	275
3	8:10	0.84	114.91	96.52	13.1	7.13	22	YES	111
4	9:15	0.79	96.63	76.34	13.6	7.1	22	YES	132
5	10:30	0.78	87.97	68.61	13	7.12	22	YES	145
6	10:40	0.89	70.86	63.07	14.1	7.14	22	YES	180
7	8:30	0.75	83.37	62.52	14.7	6.97	18	YES	153
8	8:30	0.8	50.82	40.65	14.6	7.07	22	YES	251
9	8:40	0.7	50.22	35.15	14.7	7.05	18	YES	254
10	4:50	0.8	89.82	71.86	14.5	7.01	22	YES	142
11	10:50	0.79	51.43	40.63	14.1	7.05	22	YES	248
12	11:30	0.81	55.22	44.73	14.6	7.1	22	YES	231
13	8:20	0.75	49.63	37.22	14.7	7	18	YES	257
14	10:00	0.86	76.84	66.08	13.9	7.15	22	YES	166
15	9:00	0.76	76.38	58.05	13.8	7.11	22	YES	167
16	9:30	0.75	83.91	62.94	13.8	7.1	22	YES	152
17	8:30	0.77	73.30	56.44	14.3	6.94	18	YES	174
18	10:00	0.72	52.71	37.95	15.3	6.97	18	YES	242
19	10:45	0.52	94.48	49.13	13.5	7	21	YES	135
20	9:15	0.42	89.20	37.46	13.5	6.91	18	YES	143
21	8:00	0.47	79.22	37.24	13.9	6.79	18	YES	161
22	8:15	0.67	85.60	57.35	14.2	6.77	18	YES	149
23	8:06	0.69	76.38	52.70	14.6	6.87	18	YES	167
24	8:15	0.66	73.30	48.38	14	6.95	18	YES	174
25	9:00	0.72	71.66	51.59	14.1	6.98	18	YES	178
26	9:00	0.71	75.92	53.91	14	6.88	18	YES	168
27	8:30	0.7	48.31	33.82	14	6.86	18	YES	264
28	10:00	0.72	56.19	40.46	14	6.87	18	YES	227
29	8:45	0.54	57.45	31.03	13.8	6.87	18	YES	222
30	9:30	0.51	118.10	60.23	13.7	6.93	18	YES	108