

OHA - DWS

Membrane Filter Monthly Operating Report

County: **Wasco**

System Name: **Young Life**

Month/Year: **Dec-2023**

PWS ID#: 41 - **01246**

Minimum test pressure applied || req'd: **20.0** psi || **20.0** psi

Plant ID: WTP - **A** (e.g., "A")

DIT = Direct Integrity Test on filter(s) [Yes, No, or "off" if all filters are offline] ⇔

PDR = Pressure Decay Rate

LRC = Log Removal Credit

Day	CFE Daily Turbidity [NTU]	Highest CFE* [NTU]	Highest IFE [NTU] (>15 min duration)	Highest PDR of day [psi/min]	Lowest LRV _{ambient} of day [log removal]	DIT Daily
						[Y/N] or "off"
					4.00	
1	n/a	n/a	0.012	0.015	4.823	Y
2	n/a	n/a	0.012	0.017	4.768	Y
3	n/a	n/a	0.013	0.015	4.824	Y
4	n/a	n/a	0.012	0.016	4.809	Y
5	n/a	n/a	0.012	0.017	4.780	Y
6	n/a	n/a	0.013	0.016	4.789	Y
7	n/a	n/a	0.013	0.016	4.797	Y
8	n/a	n/a	0.014	0.018	4.747	Y
9	n/a	n/a	0.012	0.016	4.787	Y
10	n/a	n/a	0.012	0.015	4.826	Y
11	n/a	n/a	0.012	0.015	4.822	Y
12	n/a	n/a	0.013	0.014	4.853	Y
13	n/a	n/a	0.012	0.016	4.812	Y
14	n/a	n/a	0.012	0.018	4.759	Y
15	n/a	n/a	0.012	0.018	4.609	Y
16	n/a	n/a	0.012	0.017	4.777	Y
17	n/a	n/a	0.013	0.018	4.77	Y
18	n/a	n/a	0.012	0.016	4.817	Y
19	n/a	n/a	0.012	0.017	4.782	Y
20	n/a	n/a	0.012	0.017	4.773	Y
21	n/a	n/a	0.012	0.015	4.840	Y
22	n/a	n/a	0.012	0.015	4.831	Y
23	n/a	n/a	0.013	0.016	4.818	Y
24	n/a	n/a	0.012	0.015	4.824	Y
25	n/a	n/a	0.012	0.018	4.753	Y
26	n/a	n/a	0.012	0.017	4.768	Y
27	n/a	n/a	0.012	0.017	4.767	Y
28	n/a	n/a	0.012	0.018	4.741	Y
29	n/a	n/a	0.013	0.016	4.791	Y
30	n/a	n/a	0.012	0.016	4.792	Y
31	n/a	n/a	0.012	0.016	4.809	Y

Compliance summary (operator to complete any blank fields)

95% of daily turbidity readings ≤ 1 NTU? [Y/N] Yes	All turbidity readings ≤ 5 NTU? [Y/N] Yes	All IFE turbidity readings ≤ 0.15 NTU? [Y/N] Yes	Performance std met? [Y/N] (PDR ≤ PDR _{Max} , LRV ≥ LRC) Yes	DIT Daily? Yes
CT's met daily? (p. 2) Yes	All Cl ₂ residual at EP ≥ 0.2 mg/L? Yes	PDR ≤ PDR _{Max} ? Yes	LRV _{ambient} ≥ LRC? Yes	

PRINTED NAME: **John Gastineau**

SIGNATURE: 

Notes:

DATE: **1/4/24**

WT CERT #: **T8855**

PHONE #: **(541) 489-3100**

* Used for optimization purposes only.

OHA-DWS

Disinfection Monthly Operating Report

System Name: Young Life

PWS ID#: 41 - 01246

4.0

↔ Log
Inactivation
Required via
Disinfection

Plant ID : WTP - A

Month/Year: Dec-2023

Day	Minimum Cl ₂ Residual at 1 st User (C) * [mg/L = ppm]	Contact Time (T) [minutes]	Actual CT C x T (Formula)	Temp [° C]	pH	Required CT (Formula)	CT Met? * [Yes / No] (Formula)	Peak Hourly Demand Flow [GPM]	Notes (e.g. "Plant Off")
1	0.8	162	129.6	10.0	7.6	6.0	Yes	100	
2	0.7	162	113.4	9.9	7.6	6.4	Yes	100	
3	0.7	162	113.4	9.7	7.6	6.4	Yes	101	
4	0.7	162	113.4	9.7	7.6	6.4	Yes	99	
5	0.7	162	113.4	9.9	7.6	6.4	Yes	98	
6	0.7	162	113.4	10.3	7.6	6.0	Yes	99	
7	0.6	162	97.2	10.5	7.6	6.0	Yes	18	
8	0.5	162	81	10.9	7.6	6.0	Yes	12	
9	0.6	162	97.2	10.6	7.6	6.0	Yes	106	
10	0.7	162	113.4	10.5	7.6	6.0	Yes	105	
11	0.8	162	129.6	10.6	7.7	6.0	Yes	99	
12	0.9	162	145.8	10.3	7.6	6.0	Yes	100	
13	0.9	162	145.8	10.3	7.5	6.0	Yes	98	
14	0.8	162	129.6	10.3	7.6	6.0	Yes	99	
15	0.8	162	129.6	10.2	7.6	6.0	Yes	99	
16	0.7	162	113.4	10.1	7.6	6.0	Yes	104	
17	0.7	162	113.4	10.0	7.6	6.0	Yes	102	
18	0.7	162	113.4	9.8	7.6	6.4	Yes	97	
19	0.6	162	97.2	9.7	7.6	6.4	Yes	95	
20	0.6	162	97.2	9.4	7.6	6.4	Yes	10	
21	0.6	162	97.2	9.2	7.6	6.4	Yes	102	
22	0.8	162	129.6	9.5	7.6	6.4	Yes	97	
23	0.8	162	129.6	9.4	7.6	6.4	Yes	102	
24	0.7	162	113.4	9.9	7.6	6.4	Yes	97	
25	0.7	162	113.4	9.9	7.6	6.4	Yes	102	
26	0.7	162	113.4	9.6	7.6	6.4	Yes	102	
27	0.7	162	113.4	9.6	7.6	6.4	Yes	100	
28	0.7	162	113.4	9.6	7.6	6.4	Yes	104	
29	0.7	162	113.4	9.6	7.6	6.4	Yes	105	
30	0.8	162	129.6	9.6	7.6	6.4	Yes	106	
31	1.2	162	194.4	9.7	7.6	6.4	Yes	104	

* If chlorine concentration at entry point < 0.2 mg/L, or CT not met, notify DWS within 24 hours.

Submit this monthly report by the 10th of following month by

mail: Drinking Water Services
PO Box 14350
Portland, OR 97293-0350
email: dwp.dmce@odhsoha.oregon.gov
fax: 971-673-0458

OHA - Drinking Water Services - Surface Water (UVT)

System Name: Young Life

PWS ID#: 41-01246

County: Wasco

Month/Year: December 2023

Minimum UVT [%] during month: 90.7

Duty sensor variation from reference sensor: 0.97

Minimum Validated UVT: 79.9%

Date	Peak Hourly Flow	Minimum Dosage	All Lamps On?	Daily Water Produced {A}	Cumulative Water Produced	Water outside Validated Conditions {B}	Cumulative % Off-Spec Water Produced
	[gpm/unit]	[^{mj} /cm ²]	[Y or N]	[gal]		[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100[%]
1	79	40	Y	50,720	50,720	0	0
2	78	41	Y	51,110	101,830	0	0
3	80	40	Y	61,620	163,450	0	0
4	84	40	Y	57,980	221,430	0	0
5	80	40	Y	58,880	280,310	0	0
6	78	41	Y	31,520	311,830	0	0
7	74	40	Y	13,150	324,980	0	0
8	78	36	Y	28,490	353,470	0	0
9	80	41	Y	113,640	467,110	0	0
10	78	41	Y	98,680	565,790	0	0
11	77	42	Y	118,630	684,420	0	0
12	83	40	Y	86,380	770,800	0	0
13	80	41	Y	58,370	829,170	0	0
14	75	42	Y	53,680	882,850	0	0
15	79	40	Y	60,650	943,500	0	0
16	77	43	Y	63,430	1,006,930	0	0
17	80	42	Y	56,060	1,062,990	0	0
18	75	40	Y	53,530	1,116,520	0	0
19	78	40	Y	19,950	1,136,470	0	0
20	75	42	Y	13,420	1,149,890	0	0
21	78	42	Y	101,000	1,250,890	0	0
22	78	42	Y	118,700	1,369,590	0	0
23	81	40	Y	88,680	1,458,270	0	0
24	75	42	Y	52,370	1,510,640	0	0
25	75	42	Y	62,280	1,572,920	0	0
26	84	41	Y	59,310	1,632,230	0	0
27	83	40	Y	62,640	1,694,870	0	0
28	86	40	Y	69,940	1,764,810	0	0
29	84	41	Y	77,030	1,841,840	0	0
30	86	42	Y	77,020	1,918,860	0	0
31	86	48	Y	63,460	1,982,320	0	0
Monthly Cumulative % Off-Spec Water Produced							0

Signature 

Op. Cert.#: T08855 D08856

Date: 1/4/24