

# OHA - DWS

## Membrane Filter Monthly Operating Report

County: Wasco

System Name: Young Life

Month/Year: Sept. 2023

PWS ID#: 41 - 01246J Minimum test pressure applied || req'd: 18.2 psi || 18.0 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 <sub>ambient</sub> of day [log removal]	DIT Daily [Y/N] or "off"
1	N/A	N/A	0.013	0.068	4.119	Y
2	N/A	N/A	0.012	0.072	4.123	Y
3	N/A	N/A	0.012	0.013	4.981	Y
4	N/A	N/A	0.012	0.012	5.007	Y
5	N/A	N/A	0.012	0.086	4.038	Y
6	N/A	N/A	0.012	0.012	5.031	Y
7	N/A	N/A	0.012	0.011	5.084	Y
8	N/A	N/A	0.014	0.086	4.036	Y
9	N/A	N/A	0.012	0.010	5.088	Y
10	N/A	N/A	0.012	0.011	5.079	Y
11	N/A	N/A	0.012	0.010	5.104	Y
12	N/A	N/A	0.011	0.053	4.244	Y
13	N/A	N/A	0.011	0.053	4.090	Y
14	N/A	N/A	0.011	0.011	5.057	Y
15	N/A	N/A	0.011	0.080	4.080	Y
16	N/A	N/A	0.011	0.010	5.098	Y
17	N/A	N/A	0.012	0.012	5.057	Y
18	N/A	N/A	0.012	0.010	5.106	Y
19	N/A	N/A	0.011	0.007	5.061	Y
20	N/A	N/A	0.012	0.081	4.075	Y
21	N/A	N/A	0.011	0.080	4.082	Y
22	N/A	N/A	0.011	0.007	5.254	Y
23	N/A	N/A	0.011	0.011	5.076	Y
24	N/A	N/A	0.011	0.011	5.050	Y
25	N/A	N/A	0.012	0.011	5.055	Y
26	N/A	N/A	0.015	0.080	4.082	Y
27	N/A	N/A	0.013	0.080	4.011	Y
28	N/A	N/A	0.011	0.078	4.096	Y
29	N/A	N/A	0.011	0.072	4.124	Y
30	N/A	N/A	0.012	0.010	5.101	Y
31						

**Compliance summary (operator to complete any blank fields)**

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

PRINTED NAME: John Gastineau DATE: 10/3/23  
 SIGNATURE: [Signature] WT CERT #: 08855  
 Notes: PHONE #: 541-489-3100 ext. 1104

♣ Used for optimization purposes only.

**Oregon DHS - Drinking Water Program - Surface Water (UVT) Quality Data**

County: **WASCO**

System Name: **Young Life**

ID# **4101246**

Month/Year: **September 2023**

Minimum UVT [%] during month: **88.7** Duty sensor variation from reference sensor: **1.0** Minimum Validated UVT: **79.9%**

Date	Peak Hourly Flow	Minimum Intensity	All Lamps On?	Daily Water Produced {A}	Cumulative Water Produced	Water outside Validated Conditions {B}	Cumulative Water outside Val. Cond.	Cumulative % Off-Spec Water Produced
	[gpm/unit]	[ <sup>mW</sup> /cm <sup>2</sup> ]	[ Y or N ]	[gal]		[gal]		(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100[%]
1	65	85.9	Y	54,050	54,050	0	0	0.0000%
2	60	85.9	Y	85,310	139,360	0	0	0.0000%
3	62	105.5	Y	89,910	229,270	0	0	0.0000%
4	61	90.4	Y	92,360	321,630	0	0	0.0000%
5	64	79.8	Y	81,660	403,290	0	0	0.0000%
6	65	90.4	Y	63,950	467,240	0	0	0.0000%
7	58	99.4	Y	59,480	526,720	0	0	0.0000%
8	65	40.5	Y	40,080	566,800	0	0	0.0000%
9	64	42.0	Y	43,290	610,090	0	0	0.0000%
10	62	40.5	Y	52,680	662,770	0	0	0.0000%
11	65	40.5	Y	52,670	715,440	0	0	0.0000%
12	71	45.0	Y	54,440	769,880	0	0	0.0000%
13	61	39.0	Y	55,800	825,680	0	0	0.0000%
14	61	37.5	Y	56,250	881,930	0	0	0.0000%
15	65	42.0	Y	59,000	940,930	0	0	0.0000%
16	63	37.5	Y	70,440	1,011,370	0	0	0.0000%
17	67	40.5	Y	68,080	1,079,450	0	0	0.0000%
18	70	42.0	Y	47,400	1,126,850	0	0	0.0000%
19	74	46.5	Y	52,860	1,179,710	0	0	0.0000%
20	72	42.0	Y	50,920	1,230,630	0	0	0.0000%
21	78	45.0	Y	56,220	1,286,850	0	0	0.0000%
22	75	45.0	Y	56,360	1,343,210	0	0	0.0000%
23	68	42.0	Y	70,510	1,413,720	0	0	0.0000%
24	73	42.0	Y	72,600	1,486,320	0	0	0.0000%
25	68	40.5	Y	54,620	1,540,940	0	0	0.0000%
26	71	43.5	Y	61,570	1,602,510	0	0	0.0000%
27	76	42.0	Y	56,400	1,658,910	0	0	0.0000%
28	71	45.0	Y	45,150	1,704,060	0	0	0.0000%
29	74	45.0	Y	54,910	1,758,970	0	0	0.0000%
30	70	42.0	Y	52,400	1,811,370	0	0	0.0000%
31						0	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>								<b>0.0000%</b>

Signature



Op. Cert.#: T08855 D08856

Date: 10/3/23

OHA-DWS

Disinfection Monthly Operating Report

System Name: Young Life

PWS ID#: 41 - 01246

4.0

Log Inactivation Required via Disinfection

September 2023

Plant ID : WTP - A

Day	Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> 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	1.2	162	194.4	22.6	7.5	2.6	Yes	114	
2	1.4	162	226.8	22.1	7.5	2.6	Yes	152	B1 OFF
3	1.4	162	226.8	21.8	7.5	2.8	Yes	178	B1 OFF
4	1.4	162	226.8	21.9	7.5	2.8	Yes	131	B1 OFF
5	1.3	162	210.6	21.7	7.5	2.8	Yes	123	B2 OFF
6	1.1	162	178.2	21.9	7.5	2.8	Yes	117	B1 OFF
7	0.9	162	145.8	22.0	7.5	2.6	Yes	112	B1 OFF
8	0.8	162	129.6	22.0	7.5	2.6	Yes	112	B2 OFF
9	0.7	162	113.4	22.0	7.5	2.6	Yes	111	B1 OFF
10	0.6	162	97.2	22.1	7.5	2.6	Yes	119	B1 OFF
11	0.6	162	97.2	22.2	7.4	2.4	Yes	100	B1 OFF
12	0.7	162	113.4	22.2	7.5	2.6	Yes	127	B2 OFF
13	0.5	162	81	22.3	7.5	2.6	Yes	114	B2 OFF
14	0.5	162	81	22.3	7.5	2.6	Yes	107	B1 OFF
15	0.6	162	97.2	22.2	7.5	2.6	Yes	120	B2 OFF
16	0.4	162	64.8	22.1	7.5	2.6	Yes	122	B1 OFF
17	0.6	162	97.2	22.2	7.5	2.4	Yes	125	B1 OFF
18	0.8	162	129.6	22.1	7.5	2.6	Yes	112	B1 OFF
19	0.7	162	113.4	22.1	7.5	2.6	Yes	106	B2 OFF
20	0.6	162	97.2	22.0	7.5	2.6	Yes	114	B2 OFF
21	0.9	162	145.8	21.7	7.5	2.8	Yes	104	B2 OFF
22	0.9	162	145.8	21.3	7.5	2.8	Yes	105	B1 OFF
23	1.0	162	162	20.6	7.5	3.0	Yes	153	B1 OFF
24	1.1	162	178.2	20.3	7.5	3.0	Yes	130	B1 OFF
25	1.3	162	210.6	20.0	7.5	3.0	Yes	125	B1 OFF
26	1.2	162	194.4	19.7	7.5	3.2	Yes	109	B2 OFF
27	1.1	162	178.2	19.3	7.5	3.2	Yes	111	B2 OFF
28	1.0	162	162	19.0	7.5	3.2	Yes	101	B2 OFF
29	1.0	162	162	18.7	7.6	3.4	Yes	104	B2 OFF
30	0.9	162	145.8	18.4	7.5	3.4	Yes	108	B1 OFF
31									

\* 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 10<sup>th</sup> of following month by

mail: Drinking Water Services  
 PO Box 14350  
 Portland, OR 97293-0350  
 email: [dwp.dmce@odhsoha.org](mailto:dwp.dmce@odhsoha.org)  
 fax: 971-673-0458