

System Name: PAE Living Building Rain Harvest System WS ID#: 41- 95690 WTP ID: _____

Change Filter at max PSID = 35 psi (see manufacturer's specification)

Day	Pressure Loss			Turbidity	
	PSI Before Filter	PSI After Filter	PSID	Compliance Turbidity [NTU]	Highest NTU of the day 1
1	Off				
2	22.00	17.00	5.00	0.59	0.672
3	Off				
4	22.00	18.00	4.00	0.48	0.501
5	26.00	20.00	6.00	0.42	0.504
6	55.00	52.00	3.00	0.19	0.467
7	Off				
8	Off				
9	Off				
10	28.00	26.00	2.00	0.32	0.563
11	Off				
12	34.00	26.00	8.00	0.34	0.414
13	34.00	24.00	10.00	0.36	0.407
14	Off				
15	Off				
16	Off				
17	40.00	28.00	12.00	0.34	0.404
18	Off				
19	Off				
20	38.00	28.00	10.00	0.44	0.495
21	Off				
22	Off				
23	Off				
24	32.00	25.00	7.00	0.57	0.509
25	Off				
26	Off				
27	32.00	25.00	7.00	0.41	0.6
28	Off				
29	Off				
30	Off				
31	Off				

95% of daily turbidity readings ≤ 1 NTU? Yes No

All daily turbidity readings ≤ 5 NTU? Yes No

Monthly UV Summary (circle Yes or No)

Was the volume of off-spec water produced less than 5% for the month? Yes No

Notes: PSI = pounds per square inch
PSID = pounds per square inch difference (before filter - after filter)

PRINTED NAME: Dustin Thorson
DATE: 03/09/2026

PHONE #: (971) 509-1563

CERT #: T-323544

SIGNATURE: *Dustin Thorson*

¹ If one NTU value per day measured, value same as Compliance Turbidity. Intended for multiple readings per day. Used for optimization efforts only. Highest NTU of the day is for optimization, not compliance. Highest is only for state-wide tracking of performance among all treatment systems.

OHA - Drinking Water Services - Surface Water Quality Data Form	County: Multnomah
Cartridge or Bag Filtration with UV <i>Giardia/Crypto/Viral</i> Disinfection	Feb. 2026
System Name: PAE Living Building Rain Harvest System	ID# 41- 95690
	WTP ID:

Minimum UVT during month: 76% % Duty sensor variation from reference sensor %: 0.11%
 Minimum Validated UVT: 77.5% Min. UV Dose achieved/intended this month: 3,743/ 186 mJ/cm²

Date	Peak Hourly Demand Flow	Minimum Intensity	All Lamps On?	Daily Water Produced {A}	Water outside Validated Conditions {B}	Cumulative % Off-Spec Water Produced
	[gpm/unit]	(mW/cm ²)	[Y or N]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100
						[%]
1	Off					
2	12	146	Y	721	527	73%
3	Off					
4	12	167	Y	433	-	-
5	14.9	162	Y	217	-	-
6	11.5	150	Y	167	-	-
7	Off					
8	Off					
9	Off					
10	16.1	172	Y	426	-	-
11	Off					
12	16.2	172	Y	494	-	-
13	17.2	170	Y	625	-	-
14	Off					
15	Off					
16	Off					
17	19.1	161	Y	275	-	-
18	Off					
19	Off					
20	18.5	170	Y	572	-	-
21	Off					
22	Off					
23	Off					
24	16.8	170	Y	367	-	-
25	Off					
26	Off					
27	16.9	175	Y	630	-	-
28	Off					
29	Off					
30	Off					
31	Off					

² If ≥ 5% of total water produced is off-spec., notify DWS within 24 hours.

Return by 10th of following month by email, fax or mail to:
 dwp.dmce@odhsoha.oregon.gov; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350