

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	29.00	19.00	10.00	0.38	0.45
3	OFF				
4	32.00	20.00	12.00	0.29	0.4
5	OFF				
6	OFF				
7	OFF				
8	OFF				
9	20.00	12.00	8.00	0.24	0.4
10	OFF				
11	24.00	14.00	10.00	0.28	
12	26.00	16.00	10.00	0.39	1.4
13	OFF				
14	OFF				
15	OFF				
16	28.00	17.00	11.00	0.35	0.99
17	OFF				
18	28.00	17.00	11.00	0.35	0.65
19	28.00	17.00	11.00	0.36	0.71
20	OFF				
21	OFF				
22	OFF				
23	15.00	9.00	6.00	0.39	1.02
24	OFF				
25	OFF				
26	OFF				
27	OFF				
28	26.00	16.00	10.00	0.43	1.56
29	OFF				
30	OFF				
31	25.00	15.00	10.00	0.56	1.8

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: 01/06/2026

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 *Giardia/Crypto/Viral* Disinfection

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

Minimum UVT during month: 84 % Duty sensor variation from reference sensor %: 0.11%

Minimum Validated UVT: 77.5% Min. UV Dose achieved/intended this month: 4,950 / 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	13.5	162	Y	272	-	-
3	OFF					
4	14.8	165	Y	311	-	-
5	OFF					
6	OFF					
7	OFF					
8	OFF					
9	9.1	193	Y	572	-	-
10	OFF					
11	10.8	181	Y	391	-	-
12	11.5	178	Y	190	-	-
13	OFF					
14	OFF					
15	OFF					
16	11.9	178	Y	341	-	-
17	OFF					
18	11.1	177	Y	250	-	-
19	11	178	Y	160	-	-
20	OFF					
21	OFF					
22	OFF					
23	10.5	186	Y	270	-	-
24	OFF					
25	OFF					
26	OFF					
27	OFF					
28	10.7	183	Y	138	-	-
29	OFF					
30	OFF					
31	10.7	184	Y	115	-	-

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