

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	OFF				
3	OFF				
4	OFF				
5	OFF				
6	25.00	16.00	9.00	1.00	1.18
7	OFF				
8	OFF				
9	30.00	24.00	6.00	0.06	0.381
10	OFF				
11	OFF				
12	34.00	30.00	4.00	0.06	0.365
13	40.00	39.00	1.00	0.06	0.35
14	64.00	62.00	2.00	0.06	0.348
15	OFF				
16	24.00	16.00	8.00	0.25	0.341
17	OFF				
18	OFF				
19	OFF				
20	24.00	18.00	6.00	0.22	0.333
21	OFF				
22	23.00	18.00	5.00	0.21	0.332
23	30.00	22.00	8.00	0.22	0.325
24	OFF				
25	OFF				
26	OFF				
27	22.00	16.00	6.00	0.25	0.326
28	24.00	22.00	2.00	0.12	0.152
29	OFF				
30	28.00	24.00	4.00	1.00	1.32
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:** 02/09/2026

**PHONE #:** (971) 509-1563

**CERT #:** T-323544

**SIGNATURE:** *Dustin Thorson*

<sup>1</sup> 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.

<b>OHA - Drinking Water Services - Surface Water Quality Data Form</b>	<b>County:</b> Multnomah
<b>Cartridge or Bag Filtration <u>with UV</u> <i>Giardia/Crypto/Viral</i> Disinfection</b>	Jan-26
<b>System Name:</b> PAE Living Building Rain Harvest System	<b>ID# 41-</b> 95690
<b>WTP ID:</b> _____	

Minimum UVT during month: 89 %      Duty sensor variation from reference sensor %: 0.11%  
 Minimum Validated UVT: 77.5%      Min. UV Dose achieved/intended this month: 5,334 / 186 <sup>mJ</sup>/cm<sup>2</sup>

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 <sup>2</sup> ]	[ Y or N ]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100
						[%]
1	OFF					
2	OFF					
3	OFF					
4	OFF					
5	OFF					
6	11.5	185	Y	339	-	-
7	OFF					
8	OFF					
9	10.8	202	Y	300	-	-
10	OFF					
11	OFF					
12	10.7	189	Y	365	-	-
13	8.9	219	Y	540	-	-
14	6	164	Y	649	-	-
15	OFF					
16	12.7	177	Y	640	-	-
17	OFF					
18	OFF					
19	OFF					
20	12.5	170	Y	335	-	-
21	OFF					
22	13.4	188	Y	157	-	-
23	16	192	Y	891	-	-
24	OFF					
25	OFF					
26	OFF					
27	12.4	188	Y	447	-	-
28	12.5	191	Y	225	-	-
29	OFF					
30	10.6	191	Y	707	-	-
31	OFF					

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

**Return by 10<sup>th</sup> 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