

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	30.00	26.00	4.00	0.34	0.67
7	OFF				
8	OFF				
9	OFF				
10	OFF				
11	25.00	19.00	6.00	0.25	1
12	OFF				
13	25.00	18.00	7.00	0.26	1
14	22.00	16.00	6.00	0.30	1.1
15	OFF				
16	OFF				
17	22.00	17.00	5.00	0.42	1.2
18	OFF				
19	OFF				
20	26.00	18.00	8.00	0.56	1.4
21	24.00	18.00	6.00	0.61	1.4
22	OFF				
23	OFF				
24	OFF				
25	OFF				
26	29.00	20.00	9.00	0.33	1.2
27	OFF				
28	OFF				
29	OFF				
30	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: 12/10/25

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 or 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: 82 % Duty sensor variation from reference sensor %: 0.11%

Minimum Validated UVT: 77.5% Min. UV Dose achieved/intended this month: 5,348/ 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	OFF					
3	OFF					
4	OFF					
5	OFF					
6	9.3	181	Y	298	-	-
7	OFF					
8	OFF					
9	OFF					
10	OFF					
11	10.3	186	Y	349	-	-
12	OFF					
13	10.4	188	Y	401	-	-
14	10.2	175	Y	225	-	-
15	OFF					
16	OFF					
17	9.2	172	Y	167	-	-
18	OFF					
19	OFF					
20	10	176	Y	426	-	-
21	9.9	182	Y	193	-	-
22	OFF					
23	OFF					
24	OFF					
25	OFF					
26	13.1	158	Y	275	-	-
27	OFF					
28	OFF					
29	OFF					
30	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