

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	20.00	14.00	6.00	0.20	0.522
6	OFF				
7	20.00	14.00	6.00	0.11	0.435
8	OFF				
9	OFF				
10	20.00	14.00	6.00	0.11	0.501
11	20.00	12.00	8.00	0.10	0.421
12	22.00	14.00	8.00	0.17	0.363
13	OFF				
14	20.00	14.00	6.00	0.11	0.327
15	OFF				
16	OFF				
17	OFF				
18	22.00	15.00	7.00	0.10	0.461
19	OFF				
20	22.00	15.00	7.00	0.09	0.483
21	OFF				
22	OFF				
23	OFF				
24	OFF				
25	20.00	14.00	6.00	0.11	0.579
26	20.00	14.00	6.00	0.09	0.589
27	OFF				
28	22.00	16.00	6.00	0.06	0.598
29	OFF				
30	OFF				

Cartridge & Bag Filtration (circle Yes or No)

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 **PRINTED NAME: Dustin T Thorson**
 PSID = pounds per square inch difference (before filter - after filter) **DATE: 7/9/2024**

PHONE #: (503) 224-3454 **CERT #: T1-323544** **SIGNATURE: *Dustin T. 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 <i>Giardia/Crypto/Viral</i> Disinfection		Month/Year: Jun-24
System Name: PAE Living Building Rain Harvest System	ID# 41- 95690	WTP ID:

Minimum UVT during month: 96 % Duty sensor variation from reference sensor %: 0.11%
 Minimum Validated UVT: 77.50% Min. UV Dose achieved/intended this month: 6,729 / 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	12	7,352	Y	388	-	-
6	OFF					
7	11.6	7,031	Y	512	-	-
8	OFF					
9	OFF					
10	11.6	7,961	Y	264	-	-
11	11.6	7,847	Y	280	-	-
12	12.3	7,284	Y	245	-	-
13	OFF					
14	12.1	6,729	Y	403	-	-
15	OFF					
16	OFF					
17	OFF					
18	11.8	7,424	Y	370	-	-
19	OFF					
20	12	6,871	Y	393	-	-
21	OFF					
22	OFF					
23	OFF					
24	OFF					
25	11.7	7,461	Y	267	-	-
26	11.9	6,854	Y	320	-	-
27	OFF					
28	119	7,373	Y	317	-	-
29	OFF					
30	OFF					
Monthly Cumulative % Off-Spec Water Produced ²						-

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