

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

Change Filter at max PSID = 35 PSID (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	26.00	18.00	8.00	0.18	0.864
5	OFF				
6	OFF				
7	OFF				
8	OFF				
9	OFF				
10	26.00	16.00	10.00	0.14	0.742
11	OFF				
12	OFF				
13	OFF				
14	OFF				
15	OFF				
16	28.00	16.00	12.00	0.12	0.376
17	OFF				
18	OFF				
19	OFF				
20	OFF				
21	OFF				
22	OFF				
23	OFF				
24	28.00	14.00	14.00	0.13	0.395
25	OFF				
26	28.00	16.00	12.00	0.14	0.412
27	OFF				
28	OFF				
29	28.00	16.00	12.00	0.12	0.355
30	OFF				
31	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

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

PRINTED NAME: Jarod Re

DATE: February 9th, 2024

PHONE #: (503) 224-3454

CERT #: T-880833

SIGNATURE: 

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: Jan-24
System Name: PAE Living Building Rain Harvest System	ID# 41- 95690	WTP ID: _____	

Minimum UVT during month: 115 % Duty sensor variation from reference sensor %: 0.11%
 Minimum Validated UVT: 77.50% Min. UV Dose achieved/intended this month: 9,812 / 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	10	221	Y	860	0	
5	OFF					
6	OFF					
7	OFF					
8	OFF					
9	OFF					
10	10	221	Y	864	0	
11	OFF					
12	OFF					
13	OFF					
14	OFF					
15	OFF					
16	10	219	Y	323	0	
17	OFF					
18	OFF					
19	OFF					
20	OFF					
21	OFF					
22	OFF					
23	OFF					
24	10	220	Y	470	0	
25	OFF					
26	10	220	Y	890	0	
27	OFF					
28	OFF					
29	10	221	Y	701	0	
30	OFF					
31	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