

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	34.00	16.00	18.00	0.12	0.597
2	OFF				
3	OFF				
4	OFF				
5	OFF				
6	36.00	16.00	20.00	0.13	0.677
7	OFF				
8	36.00	18.00	18.00	0.12	0.686
9	OFF				
10	OFF				
11	OFF				
12	OFF				
13	OFF				
14	OFF				
15	38.00	11.00	27.00	0.11	0.414
16	OFF				
17	OFF				
18	OFF				
19	OFF				
20	OFF				
21	OFF				
22	38.00	11.00	27.00	0.09	0.465
23	38.00	12.00	26.00	0.09	0.456
24	OFF				
25	OFF				
26	38.00	11.00	27.00	0.09	0.121
27	OFF				
28	38.00	11.00	27.00	0.09	0.135
29	OFF				
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:** 3/10/2024

**PHONE #:** (503) 224-3454

**CERT #:** T880833

**SIGNATURE:** 

<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 or 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 with UV <i>Giardia/Crypto/Viral</i> Disinfection</b>			<b>Month/Year:</b> Feb-24
<b>System Name:</b> PAE Living Building Rain Harvest System	<b>ID# 41-</b> 95690	<b>WTP ID:</b> _____	

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/cm<sup>2</sup>

Date	Peak Hourly Demand Flow [gpm/unit]	Minimum Intensity [mW/cm <sup>2</sup> ]	All Lamps On? [ Y or N ]	Daily Water Produced {A} [gal]	Water outside Validated Conditions {B} [gal]	Cumulative % Off-Spec Water Produced  (Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	10	221	Y	475	0	
2						
3						
4						
5						
6	10	221	Y	393	0	
7						
8	10	221	Y	555	0	
9						
10						
11						
12						
13						
14						
15	10	225	Y	537	0	
16						
17						
18						
19						
20						
21						
22	10	227	Y	541	0	
23	10	222	Y	89	0	
24						
25						
26	10	225	Y	491	0	
27						
28	10	225	Y	241	0	
29						
30						
31						
<b>Monthly Cumulative % Off-Spec Water Produced <sup>2</sup></b>						

<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