

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	22.00	16.00	6.00	0.09	0.7
2	OFF				
3	22.00	16.00	6.00	0.08	0.73
4	OFF				
5	22.00	16.00	6.00	0.06	0.74
6	OFF				
7	OFF				
8	22.00	16.00	6.00	0.10	0.78
9	OFF				
10	OFF				
11	OFF				
12	24.00	18.00	6.00	0.06	0.82
13	OFF				
14	OFF				
15	OFF				
16	24.00	18.00	6.00	0.07	0.81
17	OFF				
18	OFF				
19	26.00	18.00	8.00	0.09	1.01
20	OFF				
21	OFF				
22	OFF				
23	22.00	15.00	7.00	0.09	1.15
24	22.00	16.00	6.00	0.08	1.15
25	OFF				
26	22.00	16.00	6.00	0.07	1.03
27	OFF				
28	OFF				
29	22.00	17.00	5.00	0.08	1.05
30	22.00	16.00	6.00	0.12	1.09
31	22.00	16.00	6.00	0.10	1.09

**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: Dustin T. Thorson**

PHONE #: (503) 224-3454 CERT #: T- 323544 SIGNATURE: *Dustin T. 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 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> Jul-24
<b>System Name:</b> PAE Living Building Rain Harvest System	<b>ID# 41-</b> 95690	<b>WTP ID:</b>

Minimum UVT during month: 81 %      Duty sensor variation from reference sensor %: 0.11%  
 Minimum Validated UVT: 77.50%      Min. UV Dose achieved/intended this month: 5,988/ 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	12	7,189	Y	214	-	-
2	OFF					-
3	12.5	7,136	Y	248	-	-
4	OFF					-
5	12.5	7,155	Y	301	-	-
6	OFF					-
7	OFF					-
8	12.5	7,056	Y	281	-	-
9	OFF					-
10	OFF					-
11	OFF					-
12	13	6,902	Y	591	-	-
13	OFF					-
14	OFF					-
15	OFF					-
16	12.9	6,949	Y	364	-	-
17	OFF					-
18	OFF					-
19	13	6,274	Y	553	-	-
20	OFF					-
21	OFF					-
22	OFF					-
23	12	6,364	Y	668	-	-
24	11.5	6,621	Y	543	-	-
25	OFF					-
26	12	7,293	Y	273	-	-
27	OFF					-
28	OFF					-
29	11.6	7,349	Y	508	-	-
30	11.5	5,988	Y	422	-	-
31	11.4	6,224	Y	475	-	-
<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