

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	OFF				
5	23.00	16.00	7.00	0.10	1.16
6	OFF				
7	OFF				
8	23.00	17.00	6.00	0.10	1
9	24.00	17.00	7.00	0.98	1
10	OFF				
11	OFF				
12	24.00	17.00	7.00	0.10	1.05
13	24.00	18.00	6.00	0.09	1.09
14	OFF				
15	OFF				
16	25.00	18.00	7.00	0.09	1.02
17	OFF				
18	OFF				
19	22.00	16.00	6.00	0.16	0.99
20	OFF				
21	23.00	16.00	7.00	0.18	0.97
22	OFF				
23	22.00	16.00	6.00	0.13	0.85
24	OFF				
25	OFF				
26	OFF				
27	22.00	15.00	7.00	0.12	0.7
28	OFF				
29	22.00	16.00	6.00	0.12	0.63
30	22.00	17.00	5.00	0.10	0.6
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: Dustin T. Thorson
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PHONE #: (503) 224-3454	CERT #: T- 323544	SIGNATURE: <i>Dustin T. Thorson</i>
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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</i>/<i>Crypto</i>/Viral Disinfection		Month/Year: Aug-24
System Name: PAE Living Building Rain Harvest System	ID# 41- 95690	WTP ID:

Minimum UVT during month: 89 % Duty sensor variation from reference sensor %: 0.11%
 Minimum Validated UVT: 77.50% Min. UV Dose achieved/intended this month: 7012/ 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} / _{cm2}]	[Y or N]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	OFF					
2	OFF					
3	OFF					
4	OFF					
5	11.6	186	Y	583	-	-
6	OFF					
7	OFF					
8	11.5	188	Y	818	-	-
9	11.4	187	Y	345	-	-
10	OFF					
11	OFF					
12	11.5	188	Y	753	-	-
13	11.6	208	Y	363	-	-
14	OFF					
15	OFF					
16	12	189	Y	493	-	-
17	OFF					
18	OFF					
19	10.8	174	Y	614	-	-
20	OFF					
21	10.7	171	Y	501	-	-
22	OFF					
23	10.8	181	Y	475	-	-
24	OFF					
25	OFF					
26	OFF					
27	10.7	182	Y	858	-	-
28	OFF					
29	11.1	185	Y	616	-	-
30	11	184	Y	159	-	-
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