OHA - Drinking Water Services - Surface Water Quality Data Form				County:	Multnoma	
Cartridge or Ba	g Filtration with UV	Giardia/Crypto/Viral D	isinfection	Month/Year:	Oct-24	
System Name:	PAE Living Building	Rain Harvest System	WS ID#: 41-	95690 WTP ID:		
755 N 4 - 2 <u>-</u>	Change Filter at ma	ax PSID =35 ps	(see manufacture	er's specification)		
		Pressure Loss	Turbidity			
Day	PSI Before Filter	PSI After Filter	PSID	Compliance Turbidity [NTU]	Highest NTU of the day 1	
1	24.00	17.00	7.00	0.10	0.161	
2	OFF					
3	24.00	17.00	7.00	0.09	0.183	
4	OFF					
5	OFF					
6	OFF					
7	23.00	14.00	6.00	0.09	0.165	
8	23.00	16.00	7.00	0.06	0.168	
9	OFF	10.00	11.00	0,00	0.700	
10	OFF		+			
11	23.00	16.00	7.00	0.09	0.176	
12	OFF	10.00	7.00	0.00	0.170	
13	OFF		+			
14	OFF				70.76	
15	23.00	16.00	7.00	0.06	0.188	
16	OFF	10.00	7.00	0.00	0.100	
17	OFF		1			
18	22.00	16.00	6.00	0.06	0.194	
19	OFF	10.00	0.00	0.00	0.107	
20	OFF				100000	
21	OFF					
22	21.00	16.00	5.00	0.06	0.2	
23	OFF	10.00	0.00	0.00	0.2	
24	22.00	16.00	6.00	0.09	0.206	
25	22.00	16.00		0.09	0.217	
		10.00	0.00	0.00	0.217	
					1 1 22	
		14.00	7.00	0.06	0.218	
			1	0.00	0.210	
31	OFF					
26 27 28 29 30	OFF OFF 21.00 OFF	14.00	7.00	0.09		
		ily turbidity readings ≤ 1 N			es No	
	All daily	turbidity readings ≤ 5 NTL			es) No	
	Was the volume of off-sp	Monthly UV Summa pec water produced less than 5			es No	
Notes: PSI = pc	ounds per square inch			E: Dustin Thorson		
PSID = pounds per square inch difference (before filter - after filter)			DATE: 11/10/2024			
HONE #: (503) 224-3454			SIGNATURE: / UStin T. Thorson			

If one NTU value per day measured, value same as Compliance Turbidity. Intended for multiple readings per day. Used for optimization efforts onl

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 Qu	ality Data Forn	n	County:	Multnomah
1	ng Filtration with UV Giardia/Crypto/			Month/Year:	Oct-24
System Name:	PAE Living Building Rain Harvest System	ID# 41-	95690	WTP ID:	

Minimum UVT during month:97 %Duty sensor variation from reference sensor %:0.11%Minimum Validated UVT:77.50%Min. UV Dose achieved/intended this month:7,361/ 186 mJ/cm²

[PPP Ind PPP Ind PPP Ind Ind	Date	Peak Hourly Demand Flow	Minimum Intensity	All Lamps On?	Daily Water Produced (A)	Water outside Validated Conditions {B}	Cumulative % Off-Spec Water Produced
2 OFF 3 11.4 7,361 Y 501 - 4 OFF 5 OFF 6 OFF 7 11.3 7,454 Y 538 - 8 11.2 7,540 Y 568 - 9 OFF 10 OFF 11 11.2 7,548 Y 621 - 12 OFF 13 OFF 14 OFF 15 11.2 7,536 Y 814 - 16 OFF 17 OFF 18 11 7,673 Y 503 - 19 OFF 20 OFF 21 OFF 22 11.1 7,588 Y 424 - 23 OFF 24 11.4 7,478 Y 364 - 25 11.5 7,479 Y 185 - 26 OFF 27 OFF 28 OFF 29 10.7 7,872 Y 475 - 30 OFF			[^{mW} / _{cm} 2]	[YorN]	[gal]	[gal]	
3			7,369	Y	556	-	
4 OFF 5 OFF 6 OFF 7 11.3 7,454 Y 538 - 8 11.2 7,540 Y 568 - 9 OFF 10 OFF 11 11.2 7,548 Y 621 - 12 OFF 13 OFF 14 OFF 15 11.2 7,536 Y 814 - 16 OFF 17 OFF 18 11 7,673 Y 503 - 19 OFF 20 OFF 21 OFF 21 OFF 22 11.1 7,588 Y 424 - 23 OFF 24 11.4 7,478 Y 364 - 25 11.5 7,479 Y 185 - 26 OFF 27 OFF 28 OFF 29 10.7 7,872 Y 475 - 30 OFF	2	OFF					
\$ OFF	3		7,361	Y	501	-	
6 OFF 7 11.3 7,454 Y 538 - 8 11.2 7,540 Y 568 - 9 OFF 10 OFF 11 11.2 7,548 Y 621 - 12 OFF 13 OFF 14 OFF 15 11.2 7,536 Y 814 - 16 OFF 17 OFF 18 11 7,673 Y 503 - 19 OFF 20 OFF 21 OFF 22 11.1 7,588 Y 424 - 23 OFF 24 11.4 7,478 Y 364 - 25 11.5 7,479 Y 185 - 26 OFF 27 OFF 28 OFF 29 10.7 7,872 Y 475 - 30 OFF	4	OFF					
7	5	OFF					
8	6	OFF					
9 OFF 10 OFF 11 11.2 7,548 Y 621 - 12 OFF 13 OFF 14 OFF 15 11.2 7,536 Y 814 - 16 OFF 17 OFF 18 11 7,673 Y 503 - 19 OFF 20 OFF 21 OFF 22 11.1 7,588 Y 424 - 23 OFF 24 11.4 7,478 Y 364 - 25 11.5 7,479 Y 185 - 26 OFF 27 OFF 28 OFF 29 10.7 7,872 Y 475 - 30 OFF	7	11.3	7,454	Y	538	-	
10 OFF 11 11.2 7,548 Y 621 12 OFF 13 OFF 14 OFF 15 11.2 7,536 Y 814 16 OFF 17 OFF 18 11 7,673 Y 503 19 OFF 20 OFF 21 OFF 22 11.1 7,588 Y 424 23 OFF 24 11.4 7,478 Y 364 25 11.5 7,479 Y 185 26 OFF 27 OFF 28 OFF 29 10.7 7,872 Y 475 30 OFF	8	11.2	7,540	Y	568	-	
11 11.2 7,548 Y 621 - - 12 OFF <td>9</td> <td>OFF</td> <td></td> <td></td> <td></td> <td></td> <td></td>	9	OFF					
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12 OFF 13 OFF 14 OFF 15 11.2 7,536 Y 814 - 16 OFF 17 OFF 18 11 7,673 Y 503 - 19 OFF 20 OFF 21 OFF 22 11.1 7,588 Y 424 - 23 OFF 24 11.4 7,478 Y 364 - 25 11.5 7,479 Y 185 - 26 OFF 27 OFF 28 OFF 29 10.7 7,872 Y 475 - 30 OFF	11	11.2	7,548	Y	621	-	
14 OFF 15 11.2 7,536 Y 814 - 16 OFF 17 OFF 18 11 7,673 Y 503 - 19 OFF 20 OFF 21 OFF 22 11.1 7,588 Y 424 - 23 OFF 24 11.4 7,478 Y 364 - 25 11.5 7,479 Y 185 - 26 OFF 27 OFF 28 OFF 29 10.7 7,872 Y 475 - 30 OFF	12	OFF					
15	13	OFF					
16 OFF 17 OFF 18 11 7,673 Y 503 - 19 OFF 20 OFF 21 OFF 22 11.1 7,588 Y 424 - 23 OFF 24 11.4 7,478 Y 364 - 25 11.5 7,479 Y 185 - 26 OFF 27 OFF 28 OFF 29 10.7 7,872 Y 475 - 30 OFF	14	OFF					
17 OFF 18 11 7,673 Y 503 - 19 OFF 20 OFF 21 OFF 22 11.1 7,588 Y 424 - 23 OFF 24 11.4 7,478 Y 364 - 25 11.5 7,479 Y 185 - 26 OFF 27 OFF 28 OFF 29 10.7 7,872 Y 475 - 30 OFF	15	11.2	7,536	Y	814	-	
18 11 7,673 Y 503 - 19 OFF - - 20 OFF - - 21 OFF - - 22 11.1 7,588 Y 424 - 23 OFF - - 24 11.4 7,478 Y 364 - 25 11.5 7,479 Y 185 - 26 OFF 27 OFF 28 OFF 29 10.7 7,872 Y 475 - 30 OFF	16	OFF					
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19 OFF 20 OFF 21 OFF 21 OFF 22 11.1 7,588 Y 424 - 23 OFF 24 11.4 7,478 Y 364 - 25 11.5 7,479 Y 185 - 26 OFF 27 OFF 28 OFF 29 10.7 7,872 Y 475 - 30 OFF	18	11	7,673	Y	503	-	
21 OFF 22 11.1 7,588 Y 424 - 23 OFF 24 11.4 7,478 Y 364 - 25 11.5 7,479 Y 185 - 26 OFF 27 OFF 28 OFF 29 10.7 7,872 Y 475 - 30 OFF	19	OFF					
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24 11.4 7,478 Y 364 - 25 11.5 7,479 Y 185 - 26 OFF 27 OFF 28 OFF 29 10.7 7,872 Y 475 - 30 OFF	22	11.1	7,588	Y	424	-	
25 11.5 7,479 Y 185 - 26 OFF 27 OFF 28 OFF 29 10.7 7,872 Y 475 - 30 OFF	23	OFF					
26 OFF 27 OFF 28 OFF 29 10.7 7,872 Y 475	24	11.4	7,478	Y	364	-	-
27 OFF 28 OFF 29 10.7 7,872 Y 475 - 30 OFF	25	11.5		Y	185	-	
28 OFF 29 10.7 7,872 Y 475 - 30 OFF	26	OFF					
29 10.7 7,872 Y 475	27	OFF					
30 OFF	28	OFF					
30 OFF	29		7,872	Y	475	-	
31 OFF							
	31	OFF					

 $^{^2}$ If $\geq 5\%$ of total water produced is off-spec., notify DWS within 24 hours.

Return by 10 th 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